

The following is a list of Clevite® OPTIONAL connecting rod bearings sets. These sets may be purchased as a convenient alternative to pair packed connecting rod bearings. The suffix number in parenthesis indicates the number of pairs each set contains. To improve your use of time, space and packaging, consider purchasing set packs where they are available.

CB-481A(8)	CB-699A(6)	CB-818P-40(8)	CB-1228P-20(6)	CB-1385A-.25mm(6)
CB-481A-10(8)	CB-699A-10(6)	CB-831A(8)	CB-1228P-30(6)	CB-1385A-.50mm(6)
CB-481A-20(8)	CB-699A-20(6)	CB-831A-10(8)	CB-1228P-40(6)	CB-1385A-.75mm(6)
CB-481A-30(8)	CB-699A-30(6)	CB-831A-20(8)	CB-1238A(6)	CB-1385P(6)
CB-481P(8)	CB-699C-60(6)	CB-831A-30(8)	CB-1238A-.25mm(6)	CB-1385P-.25mm(6)
CB-481P-10(8)	CB-699P(6)	CB-831P(8)	CB-1238A-.50mm(6)	CB-1385P-.50mm(6)
CB-481P-20(8)	CB-699P-10(6)	CB-831P-1(8)	CB-1238A-.75mm(6)	CB-1387P(6)
CB-481P-30(8)	CB-699P-20(6)	CB-831P-10(8)	CB-1238P(6)	CB-1387P-10(6)
CB-481P-40(8)	CB-699P-30(6)	CB-831P-20(8)	CB-1238P-.026mm(6)	CB-1387P-20(6)
CB-610A(4)	CB-699P-40(6)	CB-831P-30(8)	CB-1238P-.25mm(6)	CB-1388P(4)
CB-610A-10(4)	CB-723A(6)	CB-831P-40(8)	CB-1238P-.50mm(6)	CB-1388P-.25mm(4)
CB-610A-20(4)	CB-723A-10(6)	CB-960A(4)	CB-1238P-.75mm(6)	CB-1388P-.50mm(4)
CB-610A-30(4)	CB-723A-20(6)	CB-960A(6)	CB-1238P-1.00mm(6)	CB-1408P(4)
CB-610P(4)	CB-723A-30(6)	CB-960A(8)	CB-1269P(4)	CB-1408P-.25mm(4)
CB-610P(6)	CB-723P(6)	CB-960A-10(4)	CB-1269P-.25mm(4)	CB-1410A(6)
CB-610P(8)	CB-723P-10(6)	CB-960A-10(6)	CB-1269P-.50mm(4)	CB-1410A-.25mm(6)
CB-610P-10(4)	CB-723P-20(6)	CB-960A-10(8)	CB-1283A(6)	CB-1410A-.50mm(6)
CB-610P-10(6)	CB-723P-30(6)	CB-960A-20(4)	CB-1283A-.25mm(6)	CB-1410A-.75mm(6)
CB-610P-10(8)	CB-723P-40(6)	CB-960A-20(6)	CB-1283A-.50mm(6)	CB-1410P(6)
CB-610P-20(4)	CB-743A(8)	CB-960A-20(8)	CB-1283A-.75mm(6)	CB-1410P-.25mm(6)
CB-610P-20(6)	CB-743A-10(8)	CB-960A-30(4)	CB-1283P(6)	CB-1410P-.50mm(6)
CB-610P-20(8)	CB-743A-20(8)	CB-960A-30(6)	CB-1283P-.25mm(6)	CB-1410P-.75mm(6)
CB-610P-30(4)	CB-743A-30(8)	CB-960A-30(8)	CB-1283P-.50mm(6)	CB-1411P(6)
CB-610P-30(6)	CB-743P(8)	CB-960P(4)	CB-1283P-.75mm(6)	CB-1411P-.25mm(6)
CB-610P-30(8)	CB-743P-1(8)	CB-960P(6)	CB-1286P(8)	CB-1411P-.50mm(6)
CB-610P-40(8)	CB-743P-10(8)	CB-960P(8)	CB-1286P-.25mm(8)	CB-1413P(4)
CB-634A(8)	CB-743P-20(8)	CB-960P-1(4)	CB-1286P-.50mm(8)	CB-1413P-.25mm(4)
CB-634A-10(8)	CB-743P-30(8)	CB-960P-1(6)	CB-1286P-.75mm(8)	CB-1413P-.50mm(4)
CB-634A-20(8)	CB-743P-40(8)	CB-960P-1(8)	CB-1327P(8)	CB-1413P-.75mm(4)
CB-634A-30(8)	CB-743P-50(8)	CB-960P-10(4)	CB-1327P-10(8)	CB-1426P(4)
CB-634P(8)	CB-745A(4)	CB-960P-10(6)	CB-1327P-20(8)	CB-1426P-.25mm(4)
CB-634P-1(8)	CB-745A-10(4)	CB-960P-10(8)	CB-1351P(8)	CB-1426P-.50mm(4)
CB-634P-10(8)	CB-745A-20(4)	CB-960P-20(4)	CB-1351P-.25mm(8)	CB-1442A(10)
CB-634P-20(8)	CB-745A-30(4)	CB-960P-20(6)	CB-1353P(4)	CB-1442A(8)
CB-634P-30(8)	CB-745P(4)	CB-960P-20(8)	CB-1353P-.50mm(4)	CB-1442A-.25mm(10)
CB-634P-40(8)	CB-745P(6)	CB-960P-30(4)	CB-1358A(6)	CB-1442A-.25mm(8)
CB-663A(8)	CB-745P(8)	CB-960P-30(6)	CB-1358A-10(6)	CB-1442A-.50mm(10)
CB-663A-10(8)	CB-745P-1(4)	CB-960P-30(8)	CB-1358A-20(6)	CB-1442A-.50mm(8)
CB-663A-20(8)	CB-745P-1(8)	CB-960P-40(6)	CB-1358A-30(6)	CB-1442A-.75mm(10)
CB-663A-30(8)	CB-745P-10(4)	CB-960P-40(8)	CB-1358P(6)	CB-1442A-.75mm(8)
CB-663C-60(8)	CB-745P-10(6)	CB-984P(4)	CB-1358P-1(6)	CB-1442P(8)
CB-663P(6)	CB-745P-10(8)	CB-984P-.25mm(4)	CB-1358P-10(6)	CB-1442P-.25mm(8)
CB-663P(8)	CB-745P-20(4)	CB-984P-.50mm(4)	CB-1358P-20(6)	CB-1442P-.50mm(8)
CB-663P-1(8)	CB-745P-20(6)	CB-984P-.75mm(4)	CB-1358P-30(6)	CB-1442P-.75mm(8)
CB-663P-10(6)	CB-745P-20(8)	CB-1120AL(4)	CB-1358P-40(6)	CB-1443A(6)
CB-663P-10(8)	CB-745P-30(4)	CB-1120AL-.25mm(4)	CB-1361P(4)	CB-1443A-10(6)
CB-663P-2(8)	CB-745P-30(6)	CB-1120AL-.50mm(4)	CB-1361P-.25mm(4)	CB-1443A-20(6)
CB-663P-20(6)	CB-745P-30(8)	CB-1120AL-.75mm(4)	CB-1362AL(4)	CB-1443A-30(6)
CB-663P-20(8)	CB-745P-40(4)	CB-1218P(4)	CB-1362AL-.25mm(4)	CB-1443P(6)
CB-663P-30(6)	CB-745P-40(6)	CB-1218P-.25mm(4)	CB-1380A(4)	CB-1443P-10(6)
CB-663P-30(8)	CB-745P-40(8)	CB-1218P-.50mm(4)	CB-1380A-.25mm(4)	CB-1443P-20(6)
CB-663P-40(8)	CB-818P(8)	CB-1218P-.75mm(4)	CB-1380A-.50mm(4)	CB-1443P-30(6)
CB-684P(8)	CB-818P-1(8)	CB-1218P-1.00mm(4)	CB-1380A-.75mm(4)	CB-1455AL(4)
CB-684P-10(8)	CB-818P-10(8)	CB-1228P(6)	CB-1380P(4)	CB-1455AL-.25mm(4)
CB-684P-20(8)	CB-818P-20(8)	CB-1228P-1(6)	CB-1380P-.25mm(4)	CB-1459P(4)
CB-684P-30(8)	CB-818P-30(8)	CB-1228P-10(6)	CB-1385A(6)	CB-1459P-.25mm(4)

CB-1589P(4)	CB-1670P(6)	CB-1802P-30(8)	CB-1818A-.50mm(6)	CB-1883A-20(5)
CB-1589P-.25mm(4)	CB-1670P-.25mm(6)	CB-1803A(8)	CB-1818P(6)	CB-1883A-20(6)
CB-1589P-.50mm(4)	CB-1670P-.50mm(6)	CB-1803A-10(8)	CB-1818P-.25mm(6)	CB-1883A-30(4)
CB-1590P(4)	CB-1670P-.75mm(6)	CB-1803A-20(8)	CB-1818P-.50mm(6)	CB-1883A-30(5)
CB-1590P-.25mm(4)	CB-1772A(6)	CB-1803A-30(8)	CB-1819A-.50mm(6)	CB-1883A-30(6)
CB-1593AL(4)	CB-1772A-.25mm(6)	CB-1803P-20(8)	CB-1819P-.50mm(6)	
CB-1593AL-.25mm(4)	CB-1772A-.50mm(6)	CB-1803P-30(8)	CB-1824AL(6)	
CB-1593AL-.50mm(4)	CB-1772A-.75mm(6)	CB-1803P-40(8)	CB-1827AL(4)	
CB-1625P(6)	CB-1772P(6)	CB-1804P-.50mm(8)	CB-1827AL-10(4)	
CB-1625P-.25mm(6)	CB-1772P-.25mm(6)	CB-1805P(8)	CB-1827AL-20(4)	
CB-1625P-.50mm(6)	CB-1772P-.50mm(6)	CB-1805P-.25mm(8)	CB-1827AL-30(4)	
CB-1629P(4)	CB-1774A(4)	CB-1805P-.50mm(8)	CB-1828AL-20(4)	
CB-1629P-.25mm(4)	CB-1774A-.25mm(4)	CB-1806A-20(6)	CB-1828AL-30(4)	
CB-1633P(8)	CB-1774A-.50mm(4)	CB-1806A-30(6)	CB-1838AL(4)	
CB-1633P-10(8)	CB-1774A-.75mm(4)	CB-1808A(8)	CB-1838AL-.25mm(4)	
CB-1633P-20(8)	CB-1774P(4)	CB-1808A-.25mm(8)	CB-1838AL-.50mm(4)	
CB-1633P-30(8)	CB-1774P-.25mm(4)	CB-1808A-.50mm(8)	CB-1839AL-.50mm(4)	
CB-1633P-40(8)	CB-1774P-.50mm(4)	CB-1808P(8)	CB-1840AL(4)	
CB-1634A-.50mm(10)	CB-1776A(8)	CB-1808P-.25mm(8)	CB-1840AL-.25mm(4)	
CB-1634A-.50mm(8)	CB-1776A-10(8)	CB-1808P-.50mm(8)	CB-1840AL-.50mm(4)	
CB-1634A-.75mm(10)	CB-1776A-20(8)	CB-1809A-.50mm(8)	CB-1841AL-.50mm(4)	
CB-1634A-.75mm(8)	CB-1776A-30(8)	CB-1809P-.50mm(8)	CB-1842P(5)	
CB-1634P-.50mm(10)	CB-1776P-20(8)	CB-1810P-.50mm(8)	CB-1845A-.50mm(6)	
CB-1634P-.50mm(8)	CB-1776P-30(8)	CB-1811A(4)	CB-1845A-.75mm(6)	
CB-1635A(4)	CB-1776P-40(8)	CB-1811A(5)	CB-1853A-20(4)	
CB-1635A-.25mm(4)	CB-1778A(8)	CB-1811A(6)	CB-1853A-30(4)	
CB-1635A-.50mm(4)	CB-1778A-10(8)	CB-1811A-10(4)	CB-1854A(8)	
CB-1635P(4)	CB-1778A-20(8)	CB-1811A-10(5)	CB-1854A-.25mm(8)	
CB-1635P-.25mm(4)	CB-1778A-30(8)	CB-1811A-10(6)	CB-1854A-.50mm(8)	
CB-1635P-.50mm(4)	CB-1779A-20(8)	CB-1811A-20(4)	CB-1854P(8)	
CB-1639P(4)	CB-1779A-30(8)	CB-1811A-20(5)	CB-1854P-.25mm(8)	
CB-1643P(4)	CB-1779P-20(8)	CB-1811A-20(6)	CB-1854P-.50mm(8)	
CB-1643P-.25mm(4)	CB-1783P(6)	CB-1811A-30(4)	CB-1855A-.50mm(8)	
CB-1643P-.50mm(4)	CB-1784P(8)	CB-1811A-30(5)	CB-1855P-.50mm(8)	
CB-1647A(4)	CB-1784P-.25mm(8)	CB-1811A-30(6)	CB-1869P(8)	
CB-1647A-.25mm(4)	CB-1784P-.50mm(8)	CB-1811P(6)	CB-1869P-.25mm(8)	
CB-1647A-.50mm(4)	CB-1787A-.50mm(6)	CB-1811P-10(6)	CB-1869P-.50mm(8)	
CB-1647A-.75mm(4)	CB-1787P-.50mm(6)	CB-1811P-20(6)	CB-1874A(6)	
CB-1647P(4)	CB-1790A(6)	CB-1812P(6)	CB-1874A-.25mm(6)	
CB-1647P-.25mm(4)	CB-1790A-.25mm(6)	CB-1812P-10(6)	CB-1874A-.50mm(6)	
CB-1647P-.50mm(4)	CB-1790A-.50mm(6)	CB-1812P-20(6)	CB-1874A-.75mm(6)	
CB-1647P-.75mm(4)	CB-1790P-.25mm(6)	CB-1813A(4)	CB-1875A-.50mm(6)	
CB-1648P(8)	CB-1794A(6)	CB-1813A-.25mm(4)	CB-1875A-.75mm(6)	
CB-1648P-.25mm(8)	CB-1794A-10(6)	CB-1813A-.50mm(4)	CB-1876P-.50mm(8)	
CB-1648P-.50mm(8)	CB-1794A-20(6)	CB-1813P(4)	CB-1876P-.75mm(8)	
CB-1652P(4)	CB-1794A-30(6)	CB-1813P-.25mm(4)	CB-1877A(6)	
CB-1654P(4)	CB-1794P-30(6)	CB-1813P-.50mm(4)	CB-1877A-10(6)	
CB-1654P-.25mm(4)	CB-1794P-40(6)	CB-1814P(8)	CB-1877A-20(6)	
CB-1654P-.50mm(4)	CB-1795A-20(6)	CB-1814P-.25mm(8)	CB-1878A-20(4)	
CB-1667A(6)	CB-1795A-30(6)	CB-1814P-.50mm(8)	CB-1878A-30(4)	
CB-1667A-.25mm(6)	CB-1795P-10(6)	CB-1814P-.75mm(8)	CB-1879A-20(6)	
CB-1667A-.50mm(6)	CB-1796A(6)	CB-1815P-.50mm(8)	CB-1882A(4)	
CB-1667A-.75mm(6)	CB-1796A-.25mm(6)	CB-1815P-.75mm(8)	CB-1882A(5)	
CB-1667P(6)	CB-1796A-.50mm(6)	CB-1816A-20(4)	CB-1882A(6)	
CB-1667P-.25mm(6)	CB-1797A(6)	CB-1816A-20(5)	CB-1882A-10(4)	
CB-1667P-.50mm(6)	CB-1797A-.25mm(6)	CB-1816A-20(6)	CB-1882A-10(5)	
CB-1667P-.75mm(6)	CB-1797A-.50mm(6)	CB-1816A-30(4)	CB-1882A-10(6)	
CB-1669P(6)	CB-1797A-.75mm(6)	CB-1816A-30(5)	CB-1882A-20(4)	
CB-1669P-.25mm(6)	CB-1799A-20(6)	CB-1816A-30(6)	CB-1882A-20(5)	
CB-1669P-.50mm(6)	CB-1799A-30(6)	CB-1816P-20(6)	CB-1882A-20(6)	
CB-1670A(6)	CB-1799P-20(6)	CB-1817A-.50mm(4)	CB-1882A-30(4)	
CB-1670A-.25mm(6)	CB-1799P-30(6)	CB-1817P-.50mm(4)	CB-1882A-30(5)	
CB-1670A-.50mm(6)	CB-1799P-40(6)	CB-1818A(6)	CB-1882A-30(6)	
CB-1670A-.75mm(6)	CB-1802P-20(8)	CB-1818A-.25mm(6)	CB-1883A-20(4)	



The following interchange is a list of our standard rod bearing sets and our optional .002" oversize outside diameter rod bearings. These new .002" O/S rod bearings are intended to be used for connecting rods that have had the housing bores resized .002" larger than stock.

STD BEARING SET	.002" OD BEARING SET	STD BEARING SET	.002" OD BEARING SET
CB-481A-10	CB-1779A-10	CB-831A-30(8)	CB-1803A-30(8)
CB-481A-10(8)	CB-1779A-10(8)	CB-1238A	CB-1797A
CB-481A-20	CB-1779A-20	CB-1238A(6)	CB-1797A(6)
CB-481A-20(8)	CB-1779A-20(8)	CB-1238A-.25mm(6)	CB-1797A-.25mm(6)
CB-481A-30	CB-1779A-30	CB-1238A-.50mm(6)	CB-1797A-.50mm(6)
CB-481A-30(8)	CB-1779A-30(8)	CB-1238A-.75mm(6)	CB-1797A-.75mm(6)
CB-481P-10(8)	CB-1779P-10(8)	CB-1283A	CB-1796A
CB-481P-20(8)	CB-1779P-20(8)	CB-1283A(6)	CB-1796A(6)
CB-481P-30(8)	CB-1779P-30(8)	CB-1283A-.25mm(6)	CB-1796A-.25mm(6)
CB-481P-40(8)	CB-1779P-40(8)	CB-1283A-.50mm(6)	CB-1796A-.50mm(6)
CB-610A-10	CB-1878A-10	CB-1283A-.75mm(6)	CB-1796A-.75mm(6)
CB-610A-10(4)	CB-1878A-10(4)	CB-1410A-.25mm	CB-1887A-.25mm
CB-610A-20	CB-1878A-20	CB-1410A-.50mm	CB-1887A-.50mm
CB-610A-20(4)	CB-1878A-20(4)	CB-1410A-.75mm	CB-1887A-.75mm
CB-610A-30	CB-1878A-30	CB-1442A-.25mm	CB-1634A-.25mm
CB-610A-30(4)	CB-1878A-30(4)	CB-1442A-.25mm(10)	CB-1634A-.25mm(10)
CB-634A	CB-1778A	CB-1442A-.25mm(8)	CB-1634A-.25mm(8)
CB-634A(8)	CB-1778A(8)	CB-1442A-.50mm	CB-1634A-.50mm
CB-634A-10(8)	CB-1778A-10(8)	CB-1442A-.50mm(10)	CB-1634A-.50mm(10)
CB-634A-20(8)	CB-1778A-20(8)	CB-1442A-.50mm(8)	CB-1634A-.50mm(8)
CB-634A-30(8)	CB-1778A-30(8)	CB-1442A-.75mm	CB-1634A-.75mm
CB-663P-10(6)	CB-1776P-10(6)	CB-1442A-.75mm(10)	CB-1634A-.75mm(10)
CB-663P-20(6)	CB-1776P-20(6)	CB-1442A-.75mm(8)	CB-1634A-.75mm(8)
CB-663P-30(6)	CB-1776P-30(6)	CB-1442P-.25mm(8)	CB-1634P-.25mm(8)
CB-699A-10	CB-1799A-10	CB-1442P-.50mm(8)	CB-1634P-.50mm(8)
CB-699A-10(6)	CB-1799A-10(6)	CB-1443A-10(6)	CB-1806A-10(6)
CB-699A-20	CB-1799A-20	CB-1443A-20(6)	CB-1806A-20(6)
CB-699A-20(6)	CB-1799A-20(6)	CB-1443A-30(6)	CB-1806A-30(6)
CB-699A-30	CB-1799A-30	CB-1667A	CB-1790A
CB-699A-30(6)	CB-1799A-30(6)	CB-1667A(6)	CB-1790A(6)
CB-699P-10(6)	CB-1799P-10(6)	CB-1667A-.25mm(6)	CB-1790A-.25mm(6)
CB-699P-20(6)	CB-1799P-20(6)	CB-1667A-.50mm(6)	CB-1790A-.50mm(6)
CB-699P-30(6)	CB-1799P-30(6)	CB-1667A-.75mm(6)	CB-1790A-.75mm(6)
CB-699P-40(6)	CB-1799P-40(6)	CB-1667P-.25mm(6)	CB-1790P-.25mm(6)
CB-723A-10	CB-1795A-10	CB-1667P-.50mm(6)	CB-1790P-.50mm(6)
CB-723A-10(6)	CB-1795A-10(6)	CB-1667P-.75mm(6)	CB-1790P-.75mm(6)
CB-723A-20	CB-1795A-20	CB-1670A-.25mm	CB-1787A-.25mm
CB-723A-20(6)	CB-1795A-20(6)	CB-1670A-.25mm(6)	CB-1787A-.25mm(6)
CB-723A-30	CB-1795A-30	CB-1670A-.50mm	CB-1787A-.50mm
CB-723A-30(6)	CB-1795A-30(6)	CB-1670A-.50mm(6)	CB-1787A-.50mm(6)
CB-723P-10(6)	CB-1795P-10(6)	CB-1670P-.25mm(6)	CB-1787P-.25mm(6)
CB-723P-20(6)	CB-1795P-20(6)	CB-1670P-.50mm(6)	CB-1787P-.50mm(6)
CB-723P-30(6)	CB-1795P-30(6)	CB-1772A-.25mm	CB-1845A-.25mm
CB-723P-40(6)	CB-1795P-40(6)	CB-1772A-.25mm(6)	CB-1845A-.25mm(6)
CB-745A-10(4)	CB-1853A-10(4)	CB-1772A-.50mm	CB-1845A-.50mm
CB-745A-20(4)	CB-1853A-20(4)	CB-1772A-.50mm(6)	CB-1845A-.50mm(6)
CB-745A-30(4)	CB-1853A-30(4)	CB-1772A-.75mm	CB-1845A-.75mm
CB-818P-10(8)	CB-1802P-10(8)	CB-1772A-.75mm(6)	CB-1845A-.75mm(6)
CB-818P-20(8)	CB-1802P-20(8)	CB-1772P-.25mm(6)	CB-1845P-.25mm(6)
CB-818P-30(8)	CB-1802P-30(8)	CB-1772P-.50mm(6)	CB-1845P-.50mm(6)
CB-831A	CB-1803A	CB-1784P-.25mm(8)	CB-1855P-.25mm(8)
CB-831A(8)	CB-1803A(8)	CB-1784P-.25mm(8)	CB-1804P-.25mm(8)
CB-831A-10(8)	CB-1803A-10(8)	CB-1784P-.50mm(8)	CB-1804P-.50mm(8)
CB-831A-20(8)	CB-1803A-20(8)	CB-1805P-.25mm	CB-1810P-.25mm

STD BEARING SET	.002" OD BEARING SET	STD BEARING SET	.002" OD BEARING SET
CB-1805P-.25mm(8)	CB-1810P-.25mm(8)	CB-1874A-.25mm	CB-1875A-.25mm
CB-1805P-.50mm	CB-1810P-.50mm	CB-1874A-.25mm(6)	CB-1875A-.25mm(6)
CB-1805P-.50mm(8)	CB-1810P-.50mm(8)	CB-1874A-.50mm	CB-1875A-.50mm
CB-1808A-.25mm	CB-1809A-.25mm	CB-1874A-.50mm(6)	CB-1875A-.50mm(6)
CB-1808A-.25mm(8)	CB-1809A-.25mm(8)	CB-1874A-.75mm	CB-1875A-.75mm
CB-1808A-.50mm	CB-1809A-.50mm	CB-1874A-.75mm(6)	CB-1875A-.75mm(6)
CB-1808A-.50mm(8)	CB-1809A-.50mm(8)	CB-1877A-10	CB-1879A-10
CB-1808P-.25mm(8)	CB-1809P-.25mm(8)	CB-1877A-10(6)	CB-1879A-10(6)
CB-1808P-.50mm(8)	CB-1809P-.50mm(8)	CB-1877A-20	CB-1879A-20
CB-1811A	CB-1816A	CB-1877A-20(6)	CB-1879A-20(6)
CB-1811A-10(4)	CB-1816A-10(4)	CB-1882A-10	CB-1883A-10
CB-1811A-10(5)	CB-1816A-10(5)	CB-1882A-10(4)	CB-1883A-10(4)
CB-1811A-10(6)	CB-1816A-10(6)	CB-1882A-10(5)	CB-1883A-10(5)
CB-1811A-20(4)	CB-1816A-20(4)	CB-1882A-10(6)	CB-1883A-10(6)
CB-1811A-20(5)	CB-1816A-20(5)	CB-1882A-20	CB-1883A-20
CB-1811A-20(6)	CB-1816A-20(6)	CB-1882A-20(4)	CB-1883A-20(4)
CB-1811A-30	CB-1816A-30	CB-1882A-20(5)	CB-1883A-20(5)
CB-1811A-30(4)	CB-1816A-30(4)	CB-1882A-20(6)	CB-1883A-20(6)
CB-1811A-30(5)	CB-1816A-30(5)	CB-1882A-30	CB-1883A-30
CB-1811A-30(6)	CB-1816A-30(6)	CB-1882A-30(4)	CB-1883A-30(4)
CB-1811P-10(6)	CB-1816P-10(6)	CB-1882A-30(5)	CB-1883A-30(5)
CB-1811P-20(6)	CB-1816P-20(6)	CB-1882A-30(6)	CB-1883A-30(6)
CB-1812P-10(6)	CB-1820P-10(6)		
CB-1812P-20(6)	CB-1820P-20(6)		
CB-1813A-.25mm	CB-1817A-.25mm		
CB-1813A-.25mm(4)	CB-1817A-.25mm(4)		
CB-1813A-.50mm	CB-1817A-.50mm		
CB-1813A-.50mm(4)	CB-1817A-.50mm(4)		
CB-1813P-.25mm(4)	CB-1817P-.25mm(4)		
CB-1813P-.50mm(4)	CB-1817P-.50mm(4)		
CB-1814P-.25mm(8)	CB-1815P-.25mm(8)		
CB-1814P-.50mm(8)	CB-1815P-.50mm(8)		
CB-1814P-.75mm(8)	CB-1815P-.75mm(8)		
CB-1818A-.25mm	CB-1819A-.25mm		
CB-1818A-.25mm(6)	CB-1819A-.25mm(6)		
CB-1818A-.50mm	CB-1819A-.50mm		
CB-1818A-.50mm(6)	CB-1819A-.50mm(6)		
CB-1818P-.25mm(6)	CB-1819P-.25mm(6)		
CB-1818P-.50mm(6)	CB-1819P-.50mm(6)		
CB-1827AL-10(4)	CB-1828AL-10(4)		
CB-1827AL-20(4)	CB-1828AL-20(4)		
CB-1827AL-30(4)	CB-1828AL-30(4)		
CB-1838AL-.25mm	CB-1839AL-.25mm		
CB-1838AL-.25mm(4)	CB-1839AL-.25mm(4)		
CB-1838AL-.50mm	CB-1839AL-.50mm		
CB-1838AL-.50mm(4)	CB-1839AL-.50mm(4)		
CB-1840AL-.25mm	CB-1841AL-.25mm		
CB-1840AL-.25mm(4)	CB-1841AL-.25mm(4)		
CB-1840AL-.50mm	CB-1841AL-.50mm		
CB-1840AL-.50mm(4)	CB-1841AL-.50mm(4)		
CB-1842P-.25mm	CB-1843P-.25mm		
CB-1842P-.50mm	CB-1843P-.50mm		
CB-1854A-.25mm	CB-1855A-.25mm		
CB-1854A-.25mm(8)	CB-1855A-.25mm(8)		
CB-1854A-.50mm	CB-1855A-.50mm		
CB-1854A-.50mm(8)	CB-1855A-.50mm(8)		
CB-1854P-.25mm(8)	CB-1855P-.25mm(8)		
CB-1854P-.25mm(8)	CB-1804P-.25mm(8)		
CB-1854P-.50mm(8)	CB-1855P-.50mm(8)		
CB-1869P-.25mm	CB-1876P-.25mm		
CB-1869P-.25mm(8)	CB-1876P-.25mm(8)		
CB-1869P-.50mm	CB-1876P-.50mm		
CB-1869P-.50mm(8)	CB-1876P-.50mm(8)		
CB-1869P-.75mm	CB-1876P-.75mm		



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
Rod Bearing NOTE: Quad 4 Bearing Specifications, H-Series Performance No Dowel Hole In Cap Half	TM-77	CB-1663H	STD,1,10	1.8885/1.8890	0.0010/0.0026	0.0625	2.0150/2.0155	0.7920
Rod Bearing NOTE: Quad 4 Bearing Specifications, H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1663HK	STD,1	1.8885/1.8890	0.0010/0.0026	0.0625	2.0150/2.0155	0.7920
Rod Bearing NOTE: Quad 4 Bearing Specifications, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half	TM-77	CB-1663HX	STD	1.8885/1.8890	0.0020/0.0036	0.0620	2.0150/2.0155	0.7920
Rod Bearing NOTE: Quad 4 Bearing Specifications, H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1663HXK	STD	1.8885/1.8890	0.0020/0.0036	0.0620	2.0150/2.0155	0.7920
Rod Bearing NOTE: IRL, H-Series Performance No Dowel Hole In Cap Half	TM-77	CB-1664H	STD,1	1.8495/1.8500	0.0008/0.0021	0.0786	2.0080/2.0082	0.6550
Rod Bearing NOTE: IRL, H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1664HK	STD,1	1.8495/1.8500	0.0008/0.0021	0.0786	2.0080/2.0082	0.6550
Rod Bearing NOTE: IRL, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half	TM-77	CB-1664HX	STD	1.8495/1.8500	0.0018/0.0031	0.0781	2.0080/2.0082	0.6550
Rod Bearing NOTE: IRL, H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1664HXK	STD	1.8495/1.8500	0.0018/0.0031	0.0781	2.0080/2.0082	0.6550
Rod Bearing NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance	TM-77	CB-1665HND	STD,1,10	1.8885/1.8890	0.0010/0.0026	0.0625	2.0150/2.0155	0.8510
Rod Bearing NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance	TM-77	CB-1665HNDK	STD,1	1.8885/1.8890	0.0010/0.0026	0.0625	2.0150/2.0155	0.8510
Rod Bearing NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance	TM-77	CB-1665HXND	STD	1.8885/1.8890	0.0020/0.0036	0.0620	2.0150/2.0155	0.8510



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
Rod Bearing NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance	TM-77	CB-1665HXNDK	STD	1.8885/1.8890	0.0020/0.0036	0.0620	2.0150/2.0155	0.8510
Rod Bearing NOTE: H-Series Performance No Dowel Hole In Cap Half	TM-77	CB-1775H	STD,1	1.7715/1.7720	0.0006/0.0030	0.0586	1.8900/1.8905	0.7090
Rod Bearing NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1775HK	STD,1	1.7715/1.7720	0.0006/0.0030	0.0586	1.8900/1.8905	0.7090
Rod Bearing NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half	TM-77	CB-1775HX	STD	1.7715/1.7720	0.0016/0.0040	0.0581	1.8900/1.8905	0.7090
Rod Bearing NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1775HXK	STD	1.7715/1.7720	0.0016/0.0040	0.0581	1.8900/1.8905	0.7090
Rod Bearing NOTE: NASCAR, H-Series Performance No Dowel Hole In Cap Half	TM-77	CB-1798H	STD,1	1.8495/1.8500	0.0010/0.0023	0.0625	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1798HK	STD,1	1.8495/1.8500	0.0010/0.0023	0.0625	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, H-Series Performance No Dowel Hole In Cap Half, Indentless Locating Lug "Full Bore" Design	TM-77	CB-1798HT	STD,1	1.8495/1.8500	0.0010/0.0023	0.0625	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half	TM-77	CB-1798HX	STD	1.8495/1.8500	0.0020/0.0033	0.0620	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half	TM-77	CB-1798HXK	STD	1.8495/1.8500	0.0020/0.0033	0.0620	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half, Indentless Locating Lug "Full Bore" Design	TM-77	CB-1798HXT	STD	1.8495/1.8500	0.0020/0.0033	0.0620	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, V-Series Performance No Dowel Hole In Cap Half	VP-2	CB-1798V	STD,1	1.8495/1.8500	0.0010/0.0023	0.0625	1.9760/1.9762	0.7550
Rod Bearing NOTE: NASCAR, V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half	VP-2	CB-1798VX	STD	1.8495/1.8500	0.0020/0.0033	0.0620	1.9760/1.9762	0.7550
Rod Bearing NOTE: H-Series Performance No Dowel Hole In Cap Half	TM-77	CB-1856HN	STD,1,10	1.9990/2.0000	0.0008/0.0029	0.1119	2.2247/2.2252	0.7920



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
Rod Bearing NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half	TM-77	CB-1856HXX	STD	1.9990/2.0000	0.0018/0.0039	0.1114	2.2247/2.2252	0.7920
Main Bearing Set 1-2-4-5 3 NOTE: Pro-Stock Chrysler, V-Series Performance with Tri-bore Design	VP-2	MS-2221V MB-3785V MB-2620V(F)	STD	2.4995/2.5005 2.4995/2.5005	0.0002/0.0022 0.0006/0.0031	0.0959 0.0958	2.6925/2.6930 2.6925/2.6930	0.9750 1.1520
Main Bearing Set 1-2-3-4-5 NOTE: NASCAR R07 Cylinder Block, H-Series Performance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number MB-3850WU(20), MB-3879WU(20)	TM-77	MS-2260H MB-1808H	STD,1	2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
Main Bearing Set 1-2-3-4-5 NOTE: NASCAR R07 Cylinder Block, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number MB-3850WU(20), MB-3879WU(20)	TM-77	MS-2260HX MB-1808HX	STD	2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
Main Bearing Set 1-2-3-4-5 NOTE: NASCAR R07 Cylinder Block, V-Series Performance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number MB-3850WU(20), MB-3879WU(20)	VP-2	MS-2260V MB-1808V	STD,1	2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
Main Bearing Set 1-2-3-4-5 NOTE: NASCAR R07 Cylinder Block, V-Series Performance Contains Full Grooved Bearings Requires Thrust Washer Set, Not Included Use with Part Number MB-3850WU(20), MB-3879WU(20)	VP-2	MS-2260VG MB-1808VG	STD,1	2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
Main Bearing Set 1-2-3-4-5 NOTE: NASCAR R07 Cylinder Block, V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Full Grooved Bearings Requires Thrust Washer Set, Not Included Use with Part Number MB-3850WU(20), MB-3879WU(20)	VP-2	MS-2260VGX MB-1808VGX	STD	2.2983/2.2993	0.0013/0.0041	0.0949	2.4906/2.4916	0.8070
Main Bearing Set 1-2-3-4-5 NOTE: NASCAR R07 Cylinder Block, V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number MB-3850WU(20), MB-3879WU(20)	VP-2	MS-2260VX MB-1808VX	STD	2.2983/2.2993	0.0013/0.0041	0.0949	2.4906/2.4916	0.8070
Main Bearing NOTE: NASCAR, 2.017" Main Bearing Journal Diameter Crankshafts, V-Series Performance Grooved Upper Half And Plain Lower Half	VP-3	MB-3829V	STD,1,17,18,19,20 21	2.0174/2.0176	0.0010/0.0026	0.1088	2.2362/2.2370	0.7500



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
Main Bearing NOTE: NASCAR, 2.017" Main Bearing Journal Diameter Crankshafts, V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half	VP-3	MB-3829VX	STD	2.0174/2.0176	0.0020/0.0036	0.1083	2.2362/2.2370	0.7500
Main Bearing NOTE: NASCAR, 2.000" Main Bearing Journal Diameter Crankshafts, H-Series Performance Grooved Upper Half And Plain Lower Half, Indentless Locating Lug "Full Bore" Design	TM-77	MB-3852H	STD,1	1.9981/1.9985	0.0017/0.0032	0.0801	2.1605/2.1610	0.7400
Main Bearing NOTE: NASCAR, 2.000" Main Bearing Journal Diameter Crankshafts, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Indentless Lug "Full Bore" Design	TM-77	MB-3852HX	STD	1.9981/1.9985	0.0027/0.0042	0.0796	2.1605/2.1610	0.7400
Main Bearing NOTE: NASCAR, 2.000" Main Bearing Journal Diameter Crankshafts, H-Series Performance Bearing Wall .0010" Thinner For .0020" More Oil Clearance Grooved Upper Half And Plain Lower Half, Indentless Locating Lug "Full Bore" Design	TM-77	MB-3852HXX	STD	1.9981/1.9985	0.0037/0.0052	0.0791	2.1605/2.1610	0.7400
Main Bearing NOTE: NASCAR, 2.000" Main Bearing Journal Diameter Crankshafts, V-Series Performance Grooved Upper Half And Plain Lower Half, Indentless Locating Lug "Full Bore" Design	VP-2	MB-3852V	STD,1	1.9981/1.9985	0.0017/0.0032	0.0801	2.1605/2.1610	0.7400
Main Bearing NOTE: NASCAR, 2.000" Main Bearing Journal Diameter Crankshafts, V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Indentless Locating Lug "Full Bore" Design	VP-2	MB-3852VX	STD	1.9981/1.9985	0.0027/0.0042	0.0796	2.1605/2.1610	0.7400
Main Bearing NOTE: NASCAR, 2.000" Main Bearing Journal Diameter Crankshafts, V-Series Performance Bearing Wall .0010" Thinner For .0020" More Oil Clearance Grooved Upper Half And Plain Lower Half, Indentless Locating Lug "Full Bore" Design	VP-2	MB-3852VXX	STD	1.9981/1.9985	0.0037/0.0052	0.0791	2.1605/2.1610	0.7400
Thrust Washer Set NOTE: Contains 20 Pieces Use with Part Number MS-2260H, MS-2260V, MS-2260VG		MB-3850WU(20) MB-3850WU	STD	2.5980/2.6180			3.1260/3.1460	0.0820
Thrust Washer Set NOTE: Contains 20 Pieces Use with Part Number MS-2260H, MS-2260V, MS-2260VG		MB-3879WU(20) MB-3879WU	STD	2.5980/2.6180			3.1260/3.1460	0.1080
Cam Bearing Set 1-2-3-4-5 NOTE: G.M. Performance LSX Bowtie Cylinder Blocks	B-1	SH-1816S SH-1816	STD	2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
Cam Bearing Set 1-2-3-4-5 NOTE: Dart Little "M" Cylinder Block With 2.0000" Housing Bore Grooved on the Outside Diameter for Improved Oiling 3 Oil Holes with 120 Degree Spacing	B-1	SH-2012ST SH-2012	STD	1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
Cam Bearing Set 1-2-3-4-5	B-1	SH-2013ST SH-2013	STD			0.0841	2.1200	0.9850
NOTE: Dart Big "M" Cylinder Block With 2.1200" Housing Bore Grooved on the Outside Diameter for Improved Oiling 3 Oil Holes with 120 Degree Spacing								
Cam Bearing Set 1-2-3-4-5	B-1	SH-2014ST SH-2014	STD	1.9487/1.9497	0.0011/0.0049	0.0841	2.1190/2.1210	0.7600
NOTE: Dart Iron Eagle Cylinder Block With 2.1200" Housing Bore Grooved on the Outside Diameter for Improved Oiling 3 Oil Holes with 120 Degree Spacing								
Cam Bearing Set 1 2 3 4 5	B-1	SH-2015ST SH-2015 SH-2016 SH-2017 SH-2018 SH-2019	STD	2.0805/2.0815 2.0655/2.0665 2.0505/2.0515 2.0355/2.0365 2.0205/2.0215	0.0011/0.0053 0.0011/0.0049 0.0011/0.0049 0.0011/0.0049 0.0011/0.0049	0.0602 0.0677 0.0752 0.0827 0.0902	2.2030/2.2050 2.2030/2.2050 2.2030/2.2050 2.2030/2.2050 2.2030/2.2050	0.6650 0.6650 0.6650 0.6650 0.6650
NOTE: Dart Ford SVO Cylinder Block With 2.2040" Housing Bore Grooved on the Outside Diameter for Improved Oiling 3 Oil Holes with 120 Degree Spacing								
Cam Bearing Set 1-2-4 3 5	B-1	SH-2127S SH-710 SH-1111 SH-277	STD•	2.1240/2.1250 2.1238/2.1248 1.7500/1.7507	0.0005/0.0045 0.0011/0.0043 0.0005/0.0040	0.0619 0.0618 0.0640	2.2495/2.2505 2.2495/2.2505 1.8792/1.8802	0.6700 0.5850 0.7600
NOTE: Nitro Cam Bearing Set For AJPE Cylinder Blocks								

• - New number, ‡ - To be discontinued



ENGINE	YEAR	BORE & STROKE	BLOCK
1678 CC (1.7L) DOHC 16V L4 VTEC B17A1	1992-1993	3.189"/81.0mm X 3.189"/81.0mm	1
1797 CC (1.8L) DOHC 16V L4 VTEC B18C1	1994-2001	3.189"/81.0mm X 3.433"/87.2mm	2
1797 CC (1.8L) DOHC 16V L4 VTEC B18C5	1997-2001	3.189"/81.0mm X 3.433"/87.2mm	2
1834 CC (1.8L) DOHC 16V L4 B18A1	1990-1993	3.189"/81.0mm X 3.504"/89.0mm	1
1834 CC (1.8L) DOHC 16V L4 B18B1	1994-2001	3.189"/81.0mm X 3.504"/89.0mm	1

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
C7917	3.504in/89.0mm	1	PR4	3.504in/89.0mm	1

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
1	1678 CC (1.7L) DOHC 16V L4 VTEC B17A1 Years: 1992-1993			3.189"/81.0mm x 3.189"/81.0mm					1
	1834 CC (1.8L) DOHC 16V L4 B18A1 Years: 1990-1993			3.189"/81.0mm x 3.504"/89.0mm					
	1834 CC (1.8L) DOHC 16V L4 B18B1 Years: 1994-2001			3.189"/81.0mm x 3.504"/89.0mm					
Rod Bearing (4)	TM-77	CB-1353H	STD,.026mm,.25mm	1.7707/1.7717	0.0005/0.0034	0.0591	1.8898/1.8907	0.7680	
NOTE: H-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (4)	TM-77	CB-1353HX	STD	1.7707/1.7717	0.0015/0.0044	0.0586	1.8898/1.8907	0.7680	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
Connecting Rod Forging C7917, PR4									
2	1797 CC (1.8L) DOHC 16V L4 VTEC B18C1 Years: 1994-2001			3.189"/81.0mm x 3.433"/87.2mm					2
	1797 CC (1.8L) DOHC 16V L4 VTEC B18C5 Years: 1997-2001			3.189"/81.0mm x 3.433"/87.2mm					
Rod Bearing (4)	TM-77	CB-1785H	STD,.25mm	1.7707/1.7717	0.0008/0.0015	0.0595	1.8898/1.8907	0.6880	
NOTE: H-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (4)	TM-77	CB-1785HK	STD	1.7707/1.7717	0.0008/0.0015	0.0595	1.8898/1.8907	0.6880	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									
Rod Bearing (4)	TM-77	CB-1785HX	STD	1.7707/1.7717	0.0018/0.0025	0.0590	1.8898/1.8907	0.6880	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
Rod Bearing (4)	TM-77	CB-1785HXX	STD	1.7707/1.7717	0.0018/0.0025	0.0590	1.8898/1.8907	0.6880	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									



ENGINE	YEAR	BORE & STROKE	BLOCK
98 CID (1.6L) DOHC 16V L4 Mitsubishi	1989-1990	3.240"/82.3mm X 2.953"/75.0mm	1
98 CID (1.6L) DOHC 16V Turbo. L4 Mitsubishi 4G61	1989	3.240"/82.3mm X 2.953"/75.0mm	1
98 CID (1.6L) SOHC 8V L4 Mitsubishi	1971-1984	3.028"/76.9mm X 3.386"/86.0mm	1
98 CID (1.6L) SOHC 8V Turbo. L4 Mitsubishi	1987-1990	3.028"/76.9mm X 3.386"/86.0mm	1
98 CID (1.6L) SOHC 8V Turbo. L4 Mitsubishi G32B	1984-1986	3.028"/76.9mm X 3.386"/86.0mm	1
107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37	1989-1994	3.173"/80.6mm X 3.386"/86.0mm	1
122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B	1983-1992	3.346"/85.0mm X 3.465"/88.0mm	2
122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63	1989-1994	3.346"/85.0mm X 3.465"/88.0mm	2
122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T	1990-1998	3.346"/85.0mm X 3.465"/88.0mm	2
144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64	1990-1993	3.406"/86.5mm X 3.937"/100.0mm	2
144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64	1993-1996, 2001-2005	3.406"/86.5mm X 3.937"/100.0mm	3
148 CID (2.4L) DOHC 16V L4	1995-2009	3.445"/87.5mm X 3.976"/101.0mm	4
148 CID (2.4L) DOHC 16V Turbo. L4	2003-2009	3.445"/87.5mm X 3.976"/101.0mm	5
273 CID (4.5L) 16V V8	1964-1969	3.625"/92.1mm X 3.313"/84.2mm	6
318 CID (5.2L) 16V V8 Magnum	1992-2003	3.910"/99.3mm X 3.313"/84.2mm	7
318 CID (5.2L) 16V V8	1957-1991	3.910"/99.3mm X 3.313"/84.2mm	8
340 CID (5.6L) 16V V8	1968-1973	4.040"/102.6mm X 3.313"/84.1mm	6
345 CID (5.7L) 16V V8 HEMI	2003-2010	3.917"/99.5mm X 3.580"/90.9mm	9
345 CID (5.7L) 16V V8 HEMI Hybrid	2009	3.917"/99.5mm X 3.580"/90.9mm	9
350 CID (5.7L) 16V V8	1958	4.063"/103.2mm X 3.375"/85.7mm	10
360 CID (5.9L) 16V V8 Magnum	1993-2003	4.000"/101.6mm X 3.578"/90.9mm	11
360 CID (5.9L) 16V V8	1971-1992	4.000"/101.6mm X 3.578"/90.9mm	12
361 CID (5.9L) 16V V8	1958-1966	4.125"/104.8mm X 3.375"/85.7mm	10
370 CID (6.1L) 16V V8 HEMI	2005-2010	4.055"/103.0mm X 3.580"/90.9mm	9
383 CID (6.3L) 16V V8	1959-1971	4.250"/108.0mm X 3.375"/85.9mm	13
392 CID (6.4L) 16V V8 HEMI	1957-1958	4.000"/101.6mm X 3.906"/99.2mm	14
400 CID (6.6L) 16V V8	1971-1978	4.342"/110.3mm X 3.375"/85.7mm	10
413 CID (6.8L) 16V V8	1959-1965	4.188"/106.4mm X 3.750"/95.3mm	15
426 CID (7.0L) 16V V8 HEMI	1964-1971	4.250"/108.0mm X 3.750"/95.3mm	16
426 CID (7.0L) 16V V8 Wedge	1963-1965	4.250"/108.0mm X 3.750"/95.3mm	16
440 CID (7.2L) 16V V8	1966-1979	4.320"/109.7mm X 3.750"/95.2mm	17
488 CID (8.0L) 20V V10 Magnum	1992-2003	4.000"/101.6mm X 3.882"/98.6mm	18
505 CID (8.3L) 20V V10	2003-2006	4.031"/102.4mm X 3.960"/100.6mm	19
515 CID (8.4L) 20V V10	2008-2009	4.055"/103.0mm X 3.960"/100.6mm	19

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
1618699	3.375in/85.7mm	10	2406395	3.750in/95.2mm	17	2951908	3.750in/95.2mm	17
1618699	3.375in/85.9mm	13	2406782	3.375in/85.7mm	10	31	2.953in/75.0mm	1
1618699	3.313in/84.2mm	6	2406782	3.375in/85.9mm	13	31	3.386in/86.0mm	1
1618699	3.313in/84.2mm	7	2406782	3.313in/84.2mm	6	3418645	3.313in/84.1mm	6
1618699	3.313in/84.2mm	8	2406782	3.313in/84.2mm	7	3418645	3.313in/84.2mm	7
1673758	3.906in/99.2mm	14	2406782	3.313in/84.2mm	8	3418645	3.313in/84.2mm	8
1737692	3.375in/85.7mm	10	2406886	3.375in/85.7mm	10	40F	3.937in/100.0mm	2
1737692	3.375in/85.9mm	13	2406886	3.375in/85.9mm	13	699	3.313in/84.2mm	6
1851535	3.375in/85.7mm	10	2406886	3.750in/95.3mm	15	699	3.313in/84.2mm	7
1851535	3.375in/85.9mm	13	2406886	3.750in/95.3mm	16	699	3.313in/84.2mm	8
1851535	3.750in/95.3mm	15	2406886	3.750in/95.2mm	17	782	3.313in/84.2mm	6
1851535	3.750in/95.3mm	16	2468000	3.750in/95.3mm	16	782	3.313in/84.2mm	7
1851535	3.750in/95.2mm	17	2899496	3.313in/84.1mm	6	782	3.313in/84.2mm	8
2406395	3.375in/85.7mm	10	2951908	3.375in/85.7mm	10	D	2.953in/75.0mm	1
2406395	3.375in/85.9mm	13	2951908	3.375in/85.9mm	13	D	3.386in/86.0mm	1
2406395	3.750in/95.3mm	15	2951908	3.750in/95.3mm	15	DC549AAA0143	3.580in/90.9mm	9
2406395	3.750in/95.3mm	16	2951908	3.750in/95.3mm	16	DC549AAB0904	3.580in/90.9mm	9



CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
F	2.953in/75.0mm	1	S	2.953in/75.0mm	1			
F	3.386in/86.0mm	1	S	3.386in/86.0mm	1			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
003K	3.386in/86.0mm	1	1851436	3.375in/85.7mm	10	2206160	3.750in/95.3mm	15
003N	3.386in/86.0mm	1	1851436	3.375in/85.9mm	13	2206160	3.750in/95.3mm	16
020201A1	3.386in/86.0mm	1	1851436	3.750in/95.3mm	15	2206160	3.750in/95.2mm	17
09N	3.386in/86.0mm	1	1851436	3.750in/95.3mm	16	2258393	3.313in/84.2mm	6
1.9	3.386in/86.0mm	1	1851436	3.750in/95.2mm	17	2258393	3.313in/84.2mm	7
10-B	3.386in/86.0mm	1	1851527	3.375in/85.7mm	10	2258393	3.313in/84.2mm	8
1174N	3.386in/86.0mm	1	1851527	3.375in/85.9mm	13	2264182	3.313in/84.2mm	6
11M	3.386in/86.0mm	1	1851527	3.750in/95.3mm	15	2264182	3.313in/84.2mm	7
1626123	3.313in/84.2mm	6	1851527	3.750in/95.3mm	16	2264182	3.313in/84.2mm	8
1626123	3.313in/84.2mm	7	1851527	3.750in/95.2mm	17	2463548	3.750in/95.3mm	16
1626123	3.313in/84.2mm	8	1855127	3.375in/85.7mm	10	2465747	3.313in/84.2mm	6
1630270	3.313in/84.2mm	6	1855127	3.375in/85.9mm	13	2465747	3.313in/84.2mm	7
1630270	3.313in/84.2mm	7	1855127	3.750in/95.3mm	15	2465747	3.313in/84.2mm	8
1630270	3.313in/84.2mm	8	1855127	3.750in/95.3mm	16	2482923	3.375in/85.7mm	10
1630276	3.313in/84.2mm	6	1855127	3.750in/95.2mm	17	2482923	3.375in/85.9mm	13
1630276	3.313in/84.2mm	7	1978698	3.375in/85.7mm	10	2532457	3.313in/84.1mm	6
1630276	3.313in/84.2mm	8	1978698	3.375in/85.9mm	13	2532457	3.313in/84.2mm	7
1630937	3.313in/84.2mm	6	1978698	3.750in/95.3mm	15	2532457	3.313in/84.2mm	8
1632077	3.313in/84.2mm	6	1978698	3.750in/95.3mm	16	2558393	3.313in/84.2mm	7
1650270	3.313in/84.2mm	6	1978698	3.750in/95.2mm	17	2558393	3.313in/84.2mm	8
1650270	3.313in/84.2mm	7	2006157	3.750in/95.3mm	16	2656278	3.313in/84.2mm	7
1650270	3.313in/84.2mm	8	2128278	3.313in/84.2mm	6	2656278	3.313in/84.2mm	8
1673755	3.906in/99.2mm	14	2128278	3.313in/84.2mm	7	2658268	3.313in/84.2mm	6
1732557	3.313in/84.2mm	6	2128278	3.313in/84.2mm	8	2658268	3.313in/84.2mm	7
1732557	3.313in/84.2mm	7	2128869	3.313in/84.2mm	6	2658268	3.313in/84.2mm	8
1732557	3.313in/84.2mm	8	2128869	3.313in/84.2mm	7	2658278	3.313in/84.2mm	6
1732559	3.313in/84.2mm	6	2128869	3.313in/84.2mm	8	2658278	3.313in/84.2mm	7
1732559	3.313in/84.2mm	7	2203155	3.375in/85.7mm	10	2658278	3.313in/84.2mm	8
1732559	3.313in/84.2mm	8	2203155	3.375in/85.9mm	13	2658393	3.313in/84.2mm	7
1732610	3.313in/84.2mm	6	2203157	3.375in/85.7mm	10	2658393	3.313in/84.2mm	8
1732610	3.313in/84.2mm	7	2203157	3.375in/85.9mm	13	2780513	3.750in/95.3mm	16
1732610	3.313in/84.2mm	8	2205700	3.313in/84.1mm	6	2780533	3.750in/95.3mm	16
1737641	3.375in/85.7mm	10	2205700	3.313in/84.2mm	6	2843868	3.313in/84.2mm	6
1737641	3.375in/85.9mm	13	2205700	3.313in/84.2mm	7	2843868	3.313in/84.2mm	7
1737642	3.375in/85.7mm	10	2205700	3.313in/84.2mm	8	2843868	3.313in/84.2mm	8
1737642	3.375in/85.9mm	13	2205702	3.313in/84.1mm	6	2NABC	3.386in/86.0mm	1
1737642	3.750in/95.3mm	15	2205702	3.313in/84.2mm	6	2Y68-76	3.386in/86.0mm	1
1737642	3.750in/95.3mm	16	2205702	3.313in/84.2mm	7	30R	3.386in/86.0mm	1
1737642	3.750in/95.2mm	17	2205702	3.313in/84.2mm	8	31-87	3.386in/86.0mm	1
1821436	3.375in/85.7mm	10	2206157	3.375in/85.7mm	10	31M	3.386in/86.0mm	1
1821436	3.375in/85.9mm	13	2206157	3.375in/85.9mm	13	3281N	3.386in/86.0mm	1
1821436	3.750in/95.3mm	15	2206157	3.750in/95.3mm	15	3294	3.375in/85.7mm	10
1821436	3.750in/95.3mm	16	2206157	3.750in/95.3mm	16	3294	3.375in/85.9mm	13
1821436	3.750in/95.2mm	17	2206157	3.750in/95.2mm	17	3294	3.750in/95.3mm	15
1826123	3.313in/84.2mm	6	2206158	3.375in/85.7mm	10	3294	3.750in/95.3mm	16
1826123	3.313in/84.2mm	7	2206158	3.375in/85.9mm	13	3294	3.750in/95.2mm	17
1826123	3.313in/84.2mm	8	2206158	3.750in/95.3mm	15	329880N	3.386in/86.0mm	1
1826129	3.313in/84.2mm	6	2206158	3.750in/95.3mm	16	3418640	3.578in/90.9mm	11
1826129	3.313in/84.2mm	7	2206158	3.750in/95.2mm	17	3418640	3.578in/90.9mm	12
1826129	3.313in/84.2mm	8	2206159	3.375in/85.7mm	10	3418840-2	3.578in/90.9mm	11
1830276	3.313in/84.2mm	6	2206159	3.375in/85.9mm	13	3418840-2	3.578in/90.9mm	12
1830276	3.313in/84.2mm	7	2206160	3.375in/85.7mm	10	3418995	3.578in/90.9mm	11
1830276	3.313in/84.2mm	8	2206160	3.375in/85.9mm	13	3418995	3.578in/90.9mm	12



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
3462387	3.313in/84.1mm	6	4027169	3.578in/90.9mm	11	4K	2.953in/75.0mm	1
3462387	3.313in/84.2mm	7	4027169	3.578in/90.9mm	12	4K	3.386in/86.0mm	1
3462387	3.313in/84.2mm	8	4027172	3.375in/85.7mm	10	4K05	2.953in/75.0mm	1
3462923	3.375in/85.7mm	10	4027172	3.375in/85.9mm	13	4K05	3.386in/86.0mm	1
3462923	3.375in/85.9mm	13	4027175	3.375in/85.7mm	10	4XC1-U	2.953in/75.0mm	1
3482387	3.313in/84.2mm	6	4027175	3.375in/85.9mm	13	4XC1-U	3.386in/86.0mm	1
3482387	3.313in/84.2mm	7	4027175	3.750in/95.3mm	15	4XCIU	2.953in/75.0mm	1
3482387	3.313in/84.2mm	8	4027175	3.750in/95.3mm	16	4XCIU	3.386in/86.0mm	1
3698641	3.375in/85.7mm	10	4027175	3.750in/95.2mm	17	53021300AA	3.580in/90.9mm	9
3698641	3.375in/85.9mm	13	407N	3.465in/88.0mm	2	63-GC	3.465in/88.0mm	2
3698641	3.750in/95.3mm	15	407N	3.937in/100.0mm	2	63-GC	3.937in/100.0mm	2
3698641	3.750in/95.3mm	16	40F	3.465in/88.0mm	2	63GC	3.465in/88.0mm	2
3698641	3.750in/95.2mm	17	4196N	3.465in/88.0mm	2	63GC	3.937in/100.0mm	2
3751841	3.313in/84.2mm	6	4196N	3.937in/100.0mm	2	63GU	3.465in/88.0mm	2
3751841	3.313in/84.2mm	7	45-T	3.465in/88.0mm	2	63GU	3.937in/100.0mm	2
3751841	3.313in/84.2mm	8	45-T	3.937in/100.0mm	2	65-RU	3.465in/88.0mm	2
3751877	3.375in/85.7mm	10	4A	3.465in/88.0mm	2	65-RU	3.937in/100.0mm	2
3751877	3.375in/85.9mm	13	4A	3.937in/100.0mm	2	69-GU	3.465in/88.0mm	2
3751888	3.375in/85.7mm	10	4AC	3.465in/88.0mm	2	69-GU	3.937in/100.0mm	2
3751888	3.375in/85.9mm	13	4AC	3.937in/100.0mm	2	6AM	3.465in/88.0mm	2
3751888	3.750in/95.3mm	15	4AL	3.465in/88.0mm	2	6AM	3.937in/100.0mm	2
3751888	3.750in/95.3mm	16	4AL	3.937in/100.0mm	2	8698461	3.375in/85.7mm	10
3751888	3.750in/95.2mm	17	4G-3	2.953in/75.0mm	1	8698461	3.375in/85.9mm	13
3751888-5	3.375in/85.7mm	10	4G-3	3.386in/86.0mm	1	8698461	3.750in/95.3mm	15
3751888-5	3.375in/85.9mm	13	4G1	2.953in/75.0mm	1	8698461	3.750in/95.3mm	16
3751888-5	3.750in/95.3mm	15	4G1	3.386in/86.0mm	1	8698461	3.750in/95.2mm	17
3751888-5	3.750in/95.3mm	16	4G3	2.953in/75.0mm	1	GE	3.465in/88.0mm	2
3751888-5	3.750in/95.2mm	17	4G3	3.386in/86.0mm	1	GE	3.937in/100.0mm	2
3YA	3.465in/88.0mm	2	4G61	2.953in/75.0mm	1			
3YA	3.937in/100.0mm	2	4G61	3.386in/86.0mm	1			



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
1	98 CID / 1595 CC (1.6L) DOHC 16V L4 Mitsubishi			3.240"/82.3mm x 2.953"/75.0mm					1
	Years: 1989-1990								
	98 CID / 1595 CC (1.6L) DOHC 16V Turbo. L4 Mitsubishi 4G61			3.240"/82.3mm x 2.953"/75.0mm					
	Years: 1989								
	98 CID / 1597 CC (1.6L) SOHC 8V L4 Mitsubishi			3.028"/76.9mm x 3.386"/86.0mm					
	Years: 1971-1984								
98 CID / 1597 CC (1.6L) SOHC 8V Turbo. L4 Mitsubishi			3.028"/76.9mm x 3.386"/86.0mm						
Years: 1987-1990									
98 CID / 1597 CC (1.6L) SOHC 8V Turbo. L4 Mitsubishi G32B			3.028"/76.9mm x 3.386"/86.0mm						
Years: 1984-1986									
107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37			3.173"/80.6mm x 3.386"/86.0mm						
Years: 1989-1994									
Rod Bearing (4) TM-77 CB-1120HN STD,.026mm,.25mm				1.7710/1.7717	0.0006/0.0027	0.0587	1.8897/1.8905	0.8550	
NOTE: H-Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (4) TM-77 CB-1120HXN STD				1.7710/1.7717	0.0016/0.0037	0.0582	1.8897/1.8905	0.8550	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Connecting Rod Forging 31, D, F, S									
Crankshaft Forging 003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, 2NABC, 2Y68-76, 30R, 31-87, 31M, 3281N, 329880N, 4G-3, 4G1, 4G3, 4G61, 4K, 4K05, 4XC1-U, 4XC1U									
2	122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B			3.346"/85.0mm x 3.465"/88.0mm					2
	Years: 1983-1992								
	122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63			3.346"/85.0mm x 3.465"/88.0mm					
	Years: 1989-1994								
	122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T			3.346"/85.0mm x 3.465"/88.0mm					
Years: 1990-1998									
144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64			3.406"/86.5mm x 3.937"/100.0mm						
Years: 1990-1993									
Rod Bearing (4) VP-3 CB-1643HN STD,.026mm,.25mm•				1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905		
For Year(s): 1992-1998									
NOTE: H Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)									
Rod Bearing (4) VP-3 CB1643HXN STD•				1.7710/1.7717	0.0016/0.0040	0.0583	1.8897/1.8905		
For Year(s): 1992-1998									
NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)									
Rod Bearing (4) TM-77 CB-1120HN STD,.026mm,.25mm				1.7710/1.7717	0.0006/0.0027	0.0587	1.8897/1.8905	0.8550	
For Year(s): 1983-1992									
NOTE: H-Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (Thru 3/92)									
Rod Bearing (4) TM-77 CB-1120HXN STD				1.7710/1.7717	0.0016/0.0037	0.0582	1.8897/1.8905	0.8550	
For Year(s): 1983-1992									
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (Thru 3/92)									



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
2 (cont.)	122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B			3.346"/85.0mm x 3.465"/88.0mm					2 (cont.)
	Years: 1983-1992								
	122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63			3.346"/85.0mm x 3.465"/88.0mm					
	Years: 1989-1994								
122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T			3.346"/85.0mm x 3.465"/88.0mm						
Years: 1990-1998									
144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64			3.406"/86.5mm x 3.937"/100.0mm						
Years: 1990-1993									
Main Bearing Set	VP-3	MS-2039H	STD•,.026mm•,.25mm•						
1-2-4-5		MB-3504H		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050	
3		MB-3505H(F)		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050	
For Year(s): 1992-1998									
NOTE: H Series Performance (From 4/92)									
Main Bearing Set	VP-3	MS-2039HX	STD•						
1-2-4-5		MB-3504HX		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050	
3		MB-3505HX(F)		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050	
For Year(s): 1992-1998									
NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance (From 4/92)									
Balance Shaft Bearing Set	AL-3	SH-1469S	STD						
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
For Year(s): 1985-1998									
NOTE: From 8/85									
Connecting Rod Forging 40F									
Crankshaft Forging 3YA, 407N, 40F, 4196N, 45-T, 4A, 4AC, 4AL, 63-GC, 63GC, 63GU, 65-RU, 69-GU, 6AM, GE									
3	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64			3.406"/86.5mm x 3.937"/100.0mm					3
	Years: 1993-1996, 2001-2005								
Rod Bearing (4)	VP-3	CB-1643HN	STD•,.026mm•,.25mm•	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905		
NOTE: H Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (4)	VP-3	CB1643HXN	STD•	1.7710/1.7717	0.0016/0.0040	0.0583	1.8897/1.8905		
NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Main Bearing Set	TM-77	MS-2261H	STD•,.026mm•,.25mm•						
1-2-3-4-5		MB-3504H		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050	
For Year(s): 2001-2005									
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-677S									
Main Bearing Set	TM-77	MS-2261HX	STD•						
1-2-3-4-5		MB-3504HX		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050	
For Year(s): 2001-2005									
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-677S									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
3	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64			3.406"/86.5mm x 3.937"/100.0mm				3
(cont.)	Years: 1993-1996, 2001-2005							(cont.)
Main Bearing Set	VP-3	MS-2039H	STD•,.026mm•,.25mm•					
1-2-4-5		MB-3504H		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050
3		MB-3505H(F)		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050
For Year(s): 1993-1996								
NOTE: H Series Performance								
Main Bearing Set	VP-3	MS-2039HX	STD•					
1-2-4-5		MB-3504HX		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050
3		MB-3505HX(F)		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050
For Year(s): 1993-1996								
NOTE: H Series Performance Bearing Wall .0005" Thinner								
For .0010" More Oil Clearance								
Thrust Washer Set		TW-677S	STD					
		MB-3854W		2.4842/2.4941			3.1693/3.1791	0.0830
For Year(s): 2001-2005								
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2261P								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
4	148 CID (2.4L) DOHC 16V L4			3.445"/87.5mm x 3.976"/101.0mm				4
	Years: 1995-2009							
Rod Bearing (4)	TM-77	CB-1813H	STD,.026mm,.25mm	1.9677/1.9687	0.0008/0.0030	0.0584	2.0863/2.0869	0.7930
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1813HX	STD	1.9677/1.9687	0.0018/0.0040	0.0579	2.0863/2.0869	0.7930
NOTE: H-Series Performance Bearing Wall .0005" Thinner								
For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2279H	STD•,.25mm•					
1-2-4-5		MB-3594H		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907H(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
NOTE: H-Series Performance Position Number 3 Has Grooved Upper Half And Plain Lower Half, Bearings For Position Number 1, 2, 4, 5 with Full Grooved Main Bearings								
Main Bearing Set	TM-77	MS-2201H	STD,.25mm					
1-2-4-5		MB-3594H		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3595H(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
For Year(s): 1995-2008								
NOTE: H-Series Performance Position Number 3 Has Grooved Upper Half And Plain Lower Half, Bearings For Position Number 1, 2, 4, 5 with Full Grooved Main Bearings								
FOR VIN(S): B,X								
<i>(To Be Replaced By MS-2279H)</i>								
5	148 CID (2.4L) DOHC 16V Turbo. L4			3.445"/87.5mm x 3.976"/101.0mm				5
	Years: 2003-2009							
Rod Bearing (4)	TM-77	CB-1813H	STD,.026mm,.25mm	1.9677/1.9687	0.0008/0.0030	0.0584	2.0863/2.0869	0.7930
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1813HX	STD	1.9677/1.9687	0.0018/0.0040	0.0579	2.0863/2.0869	0.7930
NOTE: H-Series Performance Bearing Wall .0005" Thinner								
For .0010" More Oil Clearance No Dowel Hole In Cap Half								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
5 (cont.)	148 CID (2.4L) DOHC 16V Turbo. L4 Years: 2003-2009			3.445"/87.5mm x 3.976"/101.0mm				5 (cont.)
Main Bearing Set	TM-77	MS-2279H	STD, .25mm•					
1-2-4-5		MB-3594H		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907H(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
NOTE: H-Series Performance Position Number 3 Has Grooved Upper Half And Plain Lower Half, Bearings For Position Number 1, 2, 4, 5 with Full Grooved Main Bearings								
Main Bearing Set	TM-77	MS-2246H	STD, .25mm					
1-2-4-5		MB-3594H		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3828H(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
For Year(s): 2003-2007 NOTE: H-Series Performance Position Number 3 Has Grooved Upper Half And Plain Lower Half, Bearings For Position Number 1, 2, 4, 5 with Full Grooved Main Bearings <i>(To Be Replaced By MS-2279H)</i>								
8 CYL								
6	273 CID (4.5L) 16V V8 Years: 1964-1969			3.625"/92.1mm x 3.313"/84.2mm				6
	340 CID (5.6L) 16V V8 Years: 1968-1973			4.040"/102.6mm x 3.313"/84.1mm				
Rod Bearing (8)	TM-77	CB-481HN	STD, 1,9,10,11	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HNK	STD, 1,10	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HXN	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HXNK	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-540H	STD, 1					
1-2-4		MB-2035H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	0.8770
3		MB-2036H(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.3720
NOTE: H-Series Performance Bearings For Position Number 5 with Full Grooved Main Bearings Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
6 (cont.)	273 CID (4.5L) 16V V8 Years: 1964-1969			3.625"/92.1mm x 3.313"/84.2mm				6 (cont.)
	340 CID (5.6L) 16V V8 Years: 1968-1973			4.040"/102.6mm x 3.313"/84.1mm				
Main Bearing Set	TM-77	MS-540HK	STD,1					
1-2-4		MB-2035H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	0.8770
3		MB-2036H(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.3720
NOTE: H-Series Performance with TriArmor Bearings For Position Number 5 with Full Grooved Main Bearings Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-540HX	STD					
1-2-4		MB-2035HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	0.8770
3		MB-2036HX(F)		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.1520
5		MB-2559HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.3270
NOTE: H-Series Performance Bearings For Position Number 5 with Full Grooved Main Bearings Bearing Wall .0005" Thinner For .0010" More Oil Clearance Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-540HXK	STD					
1-2-4		MB-2035HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	0.8770
3		MB-2036HX(F)		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.1520
5		MB-2559HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.3270
NOTE: H-Series Performance with TriArmor Bearings For Position Number 5 with Full Grooved Main Bearings Bearing Wall .0005" Thinner For .0010" More Oil Clearance Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	VP-2	MS-963V	STD					
1-2-4		MB-2283V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	0.8370
3		MB-2036V(F)		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.1520
5		MB-2559V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.2870
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Cam Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Connecting Rod Forging	1618699, 2406782, 2899496, 3418645, 699, 782							
Crankshaft Forging	1626123, 1630270, 1630276, 1630937, 1630277, 1650270, 1732557, 1732559, 1732610, 1826123, 1826129, 1830276, 2128278, 2128869, 2205700, 2205702, 2258393, 2264182, 2465747, 2532457, 2658268, 2658278, 2843868, 3462387, 3482387, 3751841							
7	318 CID (5.2L) 16V V8 Magnum Years: 1992-2003			3.910"/99.3mm x 3.313"/84.2mm				7
Rod Bearing (8)	TM-77	CB-481HN	STD,1,9,10,11	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
7 (cont.)	318 CID (5.2L) 16V V8 Magnum Years: 1992-2003			3.910"/99.3mm x 3.313"/84.2mm				7 (cont.)
Rod Bearing (8)	TM-77	CB-481HNK	STD,1,10	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HXN	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HXNK	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	VP-2	MS-963V	STD					
1-2-4		MB-2283V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	0.8370
3		MB-2036V(F)		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.1520
5		MB-2559V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.2870
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	VP-2	MS-1344V	STD					
1-2-4		MB-2283V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	0.8370
3		MB-2620V(F)		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.1520
5		MB-2559V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.2870
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Cam Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Connecting Rod Forging 1618699, 2406782, 3418645, 699, 782								
Crankshaft Forging 1626123, 1630270, 1630276, 1650270, 1732557, 1732559, 1732610, 1826123, 1826129, 1830276, 2128278, 2128869, 2205700, 2205702, 2258393, 2264182, 2465747, 2532457, 2558393, 2656278, 2658268, 2658278, 2658393, 2843868, 3462387, 3482387, 3751841								
8	318 CID (5.2L) 16V V8 Years: 1957-1991			3.910"/99.3mm x 3.313"/84.2mm				8
Rod Bearing (8)	TM-77	CB-481HN	STD,1,9,10,11	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HNK	STD,1,10	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-481HXN	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
8 (cont.)	318 CID (5.2L) 16V V8 Years: 1957-1991			3.910"/99.3mm x 3.313"/84.2mm				8 (cont.)
Rod Bearing (8)	TM-77	CB-481HXNK	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	VP-2	MS-963V	STD					
1-2-4		MB-2283V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	0.8370
3		MB-2036V(F)		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.1520
5		MB-2559V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.2870
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	VP-2	MS-1344V	STD					
1-2-4		MB-2283V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	0.8370
3		MB-2620V(F)		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.1520
5		MB-2559V		2.4995/2.5005	0.0006/0.0031	0.0958	2.6925/2.6930	1.2870
For Year(s): 1974-1991 NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-540H	STD,1					
1-2-4		MB-2035H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	0.8770
3		MB-2036H(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.3720
For Year(s): 1957-1973 NOTE: H-Series Performance Bearings For Position Number 5 with Full Grooved Main Bearings Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-540HK	STD,1					
1-2-4		MB-2035H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	0.8770
3		MB-2036H(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559H		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.3720
For Year(s): 1957-1973 NOTE: H-Series Performance with TriArmor Bearings For Position Number 5 with Full Grooved Main Bearings Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-540HX	STD					
1-2-4		MB-2035HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	0.8770
3		MB-2036HX(F)		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.1520
5		MB-2559HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.3270
For Year(s): 1957-1973 NOTE: H-Series Performance Bearings For Position Number 5 with Full Grooved Main Bearings Bearing Wall .0005" Thinner For .0010" More Oil Clearance Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
8 (cont.)	318 CID (5.2L) 16V V8 Years: 1957-1991			3.910"/99.3mm x 3.313"/84.2mm				8 (cont.)
Main Bearing Set	TM-77	MS-540HXK	STD					
1-2-4		MB-2035HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	0.8770
3		MB-2036HX(F)		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.1520
5		MB-2559HX		2.4995/2.5005	0.0014/0.0035	0.0953	2.6925/2.6930	1.3270
For Year(s): 1957-1973								
NOTE: H-Series Performance with TriArmor Bearings For Position Number 5 with Full Grooved Main Bearings Bearing Wall .0005" Thinner For .0010" More Oil Clearance Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Cam Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Year(s): 1979-1991								
Cam Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Year(s): 1957-1978								
Connecting Rod Forging	1618699, 2406782, 3418645, 699, 782							
Crankshaft Forging	1626123, 1630270, 1630276, 1650270, 1732557, 1732559, 1732610, 1826123, 1826129, 1830276, 2128278, 2128869, 2205700, 2205702, 2258393, 2264182, 2465747, 2532457, 2558393, 2656278, 2658268, 2658278, 2658393, 2843868, 3462387, 3482387, 3751841							
9	345 CID (5.7L) 16V V8 HEMI Years: 2003-2010			3.917"/99.5mm x 3.580"/90.9mm				9
	345 CID (5.7L) 16V V8 HEMI Hybrid Years: 2009			3.917"/99.5mm x 3.580"/90.9mm				
	370 CID (6.1L) 16V V8 HEMI Years: 2005-2010			4.055"/103.0mm x 3.580"/90.9mm				
Rod Bearing (8)	TM-77	CB-1808HN	STD,.026mm,.23mm .25mm,.28mm	2.1257/2.1263	0.0009/0.0026	0.0625	2.2522/2.2527	0.7410
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-1808HYN	STD	2.1257/2.1263	0.0019/0.0036	0.0620	2.2522/2.2527	0.7410
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2220H	STD,.026mm,.23mm .25mm,.28mm	2.5589/2.5592	0.0003/0.0015	0.0961	2.7517/2.7522	0.8510
1-2-3-4-5		MB-3780H						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
9 (cont.)	345 CID (5.7L) 16V V8 HEMI Years: 2003-2010			3.917"/99.5mm x 3.580"/90.9mm					9 (cont.)
	345 CID (5.7L) 16V V8 HEMI Hybrid Years: 2009			3.917"/99.5mm x 3.580"/90.9mm					
	370 CID (6.1L) 16V V8 HEMI Years: 2005-2010			4.055"/103.0mm x 3.580"/90.9mm					
Main Bearing Set TM-77 MS-2220HX STD 1-2-3-4-5 MB-3780HX				2.5589/2.5592 0.0013/0.0025 0.0956 2.7517/2.7522 0.8510					
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-611S									
Thrust Washer Set TW-611S STD MB-3780W				2.8600/2.8800 3.6760 0.1018					
NOTE: Contains 2 Piece, Position Number 3 Use with Part Number MS-2220H, MS-2220HX									
Cam Bearing Set B-1 SH-1990S STD									
1	SH-1990			2.2906/2.2913 0.0013/0.0042 0.0650 2.4226/2.4236 0.6700					
2	SH-1991			2.2748/2.2756 0.0012/0.0042 0.0650 2.4068/2.4078 0.5920					
3	SH-1992			2.2591/2.2598 0.0013/0.0042 0.0650 2.3911/2.3921 0.5920					
4	SH-1993			2.2433/2.2441 0.0012/0.0042 0.0650 2.3753/2.3763 0.5920					
5	SH-1994			1.7170/1.7178 0.0016/0.0054 0.0650 1.8494/1.8504 0.5920					
For Year(s): 2003-2009									
Connecting Rod Forging DC549AAA0143, DC549AAB0904									
Crankshaft Forging 53021300AA									
10	350 CID (5.7L) 16V V8 Years: 1958			4.063"/103.2mm x 3.375"/85.7mm					10
	361 CID (5.9L) 16V V8 Years: 1958-1966			4.125"/104.8mm x 3.375"/85.7mm					
	400 CID (6.6L) 16V V8 Years: 1971-1978			4.342"/110.3mm x 3.375"/85.7mm					
Rod Bearing (8) TM-77 CB-527HND STD,1,9,10,11				2.3740/2.3750 0.0005/0.0026 0.0622 2.5000/2.5005 0.8620					
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8) TM-77 CB-527HNDK STD				2.3740/2.3750 0.0005/0.0026 0.0622 2.5000/2.5005 0.8620					
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8) TM-77 CB-527HXND STD				2.3740/2.3750 0.0016/0.0037 0.0617 2.5000/2.5002 0.8620					
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									



COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
8 CYL (cont.)										
10 (cont.)	350 CID (5.7L) 16V V8 Years: 1958			4.063"/103.2mm x 3.375"/85.7mm					10 (cont.)	
	361 CID (5.9L) 16V V8 Years: 1958-1966			4.125"/104.8mm x 3.375"/85.7mm						
	400 CID (6.6L) 16V V8 Years: 1971-1978			4.342"/110.3mm x 3.375"/85.7mm						
Rod Bearing (8) TM-77 CB-527HXNDK STD NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance				2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5005	0.8620		
Main Bearing Set TM-77 MS-876P STD,10,20,40 1-2-4-5 MB-2065P 3 MB-2456P(F) NOTE: Engines with 3.430" / 3.500" Main Bearing Flange O.D. Contains Full Grooved Bearings				2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490		
Cam Bearing Set B-1 SH-876S STD 1 SH-876 2 SH-403 3 SH-404 4 SH-405 5 SH-406				1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600		
Connecting Rod Forging 1618699, 1737692, 1851535, 2406395, 2406782, 2406886, 2951908 Crankshaft Forging 1737641, 1737642, 1821436, 1851436, 1851527, 1855127, 1978698, 2203155, 2203157, 2206157, 2206158, 2206159, 2206160, 2482923, 3294, 3462923, 3698641, 3751877, 3751888, 3751888-5, 4027172, 4027175, 8698461				2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240		
11	360 CID (5.9L) 16V V8 Magnum Years: 1993-2003			4.000"/101.6mm x 3.578"/90.9mm					11	
	Rod Bearing (8) TM-77 CB-481HN STD,1,9,10,11 NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505		0.7980
	Rod Bearing (8) TM-77 CB-481HNK STD,1,10 NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505		0.7980
	Rod Bearing (8) TM-77 CB-481HXN STD NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505		0.7980
	Rod Bearing (8) TM-77 CB-481HXNK STD NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505		0.7980



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
11 (cont.)	360 CID (5.9L) 16V V8 Magnum Years: 1993-2003			4.000"/101.6mm x 3.578"/90.9mm				11 (cont.)
Main Bearing Set 1-2-4 3 5	TM-77	MS-1266HG MB-2622H MB-2623H(F) MB-2624H	STD,1,9,10,11	2.8095/2.8105 2.8095/2.8105 2.8095/2.8105	0.0004/0.0025 0.0004/0.0025 0.0004/0.0025	0.0958 0.0958 0.0958	3.0025/3.0030 3.0025/3.0030 3.0025/3.0030	0.8770 1.1520 1.2590
NOTE: H-Series Performance Contains Full Grooved Bearings								
Main Bearing Set 1-2-4 3 5	TM-77	MS-1266HGX MB-2622HX MB-2623HX(F) MB-2624HX	STD	2.8095/2.8105 2.8095/2.8105 2.8095/2.8105	0.0014/0.0035 0.0014/0.0035 0.0014/0.0035	0.0953 0.0953 0.0953	3.0025/3.0030 3.0025/3.0030 3.0025/3.0030	0.8770 1.1520 1.2590
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Full Grooved Bearings								
Cam Bearing Set 1 2 3 4 5	B-1	SH-1112S SH-875 SH-1112 SH-1113 SH-1114 SH-329	STD	1.9980/1.9990 1.9820/1.9830 1.9670/1.9680 1.9510/1.9520 1.5605/1.5615	0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0005/0.0045	0.0645 0.0645 0.0645 0.0645 0.0650	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835 1.6920/1.6930	0.9000 0.6300 0.6300 0.6300 0.9500
Crankshaft Forging 3418640, 3418840-2, 3418995, 4027169								
12	360 CID (5.9L) 16V V8 Years: 1971-1992			4.000"/101.6mm x 3.578"/90.9mm				12
Rod Bearing (8) NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-481HN	STD,1,9,10,11	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
Rod Bearing (8) NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-481HNK	STD,1,10	2.1240/2.1250	0.0003/0.0024	0.0623	2.2500/2.2505	0.7980
Rod Bearing (8) NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-481HXX	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
Rod Bearing (8) NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-481HXNK	STD	2.1240/2.1250	0.0014/0.0035	0.0618	2.2500/2.2505	0.7980
Main Bearing Set 1-2-4 3 5	TM-77	MS-1266HG MB-2622H MB-2623H(F) MB-2624H	STD,1,9,10,11	2.8095/2.8105 2.8095/2.8105 2.8095/2.8105	0.0004/0.0025 0.0004/0.0025 0.0004/0.0025	0.0958 0.0958 0.0958	3.0025/3.0030 3.0025/3.0030 3.0025/3.0030	0.8770 1.1520 1.2590
For Year(s): 1974-1992 NOTE: H-Series Performance Contains Full Grooved Bearings								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
12 (cont.)	360 CID (5.9L) 16V V8 Years: 1971-1992			4.000"/101.6mm x 3.578"/90.9mm				12 (cont.)
Main Bearing Set	TM-77	MS-1266HGX	STD					
1-2-4		MB-2622HX		2.8095/2.8105	0.0014/0.0035	0.0953	3.0025/3.0030	0.8770
3		MB-2623HX(F)		2.8095/2.8105	0.0014/0.0035	0.0953	3.0025/3.0030	1.1520
5		MB-2624HX		2.8095/2.8105	0.0014/0.0035	0.0953	3.0025/3.0030	1.2590
For Year(s): 1974-1992								
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-1051P	STD,10,20					
1-2-4		MB-2590P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2591P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2592P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
For Year(s): 1971-1973								
NOTE: Grooved Upper Half And Plain Lower Half								
Cam Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Year(s): 1979-1992								
Cam Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Year(s): 1971-1978								
Crankshaft Forging				3418640, 3418840-2, 3418995, 4027169				
13	383 CID (6.3L) 16V V8 Years: 1959-1971			4.250"/108.0mm x 3.375"/85.9mm				13
Rod Bearing (8)	TM-77	CB-527HND	STD,1,9,10,11					
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HNDK	STD					
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXND	STD					
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
13 (cont.)	383 CID (6.3L) 16V V8 Years: 1959-1971			4.250"/108.0mm x 3.375"/85.9mm				13 (cont.)
Rod Bearing (8)	TM-77	CB-527HXNDK	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Main Bearing Set	TM-77	MS-876P	STD,10,20,40	2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
1-2-4-5		MB-2065P		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
3		MB-2456P(F)						
For Year(s): 1961-1971 NOTE: Engines with 3.430" / 3.500" Main Bearing Flange O.D. Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-896P	STD	2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
3		MB-2495P(F)						
For Year(s): 1959-1960 NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. P-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	B-2	MS-972M	STD	2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	0.9490
1-2-4-5		MB-2543M		2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	1.2240
3		MB-2544M(F)						
For Year(s): 1959-1960 NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. M-Series Performance Contains Full Grooved Bearings								
Cam Bearing Set	B-1	SH-876S	STD	1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
1		SH-876		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
2		SH-403		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
3		SH-404		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
4		SH-405		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
5		SH-406						
Connecting Rod Forging 1618699, 1737692, 1851535, 2406395, 2406782, 2406886, 2951908 Crankshaft Forging 1737641, 1737642, 1821436, 1851436, 1851527, 1855127, 1978698, 2203155, 2203157, 2206157, 2206158, 2206159, 2206160, 2482923, 3294, 3462923, 3698641, 3751877, 3751888, 3751888-5, 4027172, 4027175, 8698461								
14	392 CID (6.4L) 16V V8 HEMI Years: 1957-1958			4.000"/101.6mm x 3.906"/99.2mm				14
Main Bearing Set	B-2	MS-426M	STD	2.6870/2.6880	0.0005/0.0026	0.0959	2.8800/2.8805	0.9100
1-2-4		MB-1802M		2.6870/2.6880	0.0005/0.0026	0.0959	2.8800/2.8805	1.2020
3		MB-1803M(F)		2.6870/2.6880	0.0005/0.0026	0.0959	2.8800/2.8805	1.6300
5		MB-1804M						
NOTE: M-Series Performance Contains Full Grooved Bearings								
Cam Bearing Set	B-1	SH-313S	STD	1.9980/1.9990	0.0005/0.0045	0.0650	2.1295/2.1305	0.9440
1		SH-313		1.9980/1.9990	0.0005/0.0045	0.0650	2.1295/2.1305	0.8190
2-3-4		SH-314		1.4355/1.4365	0.0005/0.0045	0.0650	1.5670/1.5680	0.8820
5		SH-315						
Connecting Rod Forging 1673758 Crankshaft Forging 1673755								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL				
15	413 CID (6.8L) 16V V8 Years: 1959-1965			4.188"/106.4mm x 3.750"/95.3mm				15
Rod Bearing (8)	TM-77	CB-527HND	STD,1,9,10,11	2.3740/2.3750	0.0005/0.0026	0.0622	2.5000/2.5005	0.8620
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HNDK	STD	2.3740/2.3750	0.0005/0.0026	0.0622	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXND	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5002	0.8620
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXNDK	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Main Bearing Set	TM-77	MS-896P	STD					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. P-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	B-2	MS-972M	STD					
1-2-4-5		MB-2543M		2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	0.9490
3		MB-2544M(F)		2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	1.2240
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. M-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-2233HG	STD,10					
1-2-4-5		MB-3789HG		2.7495/2.7505	0.0010/0.0031	0.0956	2.9425/2.9430	0.8750
3		MB-2457HG(F)		2.7495/2.7505	0.0010/0.0031	0.0956	2.9425/2.9430	1.2240
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. H-Series Performance Bearings For Position Number 3 Is Full Grooved, Position Number 1, 2, 4, 5 Has Grooved Upper Half And Plain Lower Half, Contains Narrowed Straight Shells For Extra Clearance								
Cam Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
Connecting Rod Forging				1851535, 2406395, 2406886, 2951908				
Crankshaft Forging				1737642, 1821436, 1851436, 1851527, 1855127, 1978698, 2206157, 2206158, 2206160, 3294, 3698641, 3751888, 3751888-5, 4027175, 8698461				



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
16	426 CID (7.0L) 16V V8 HEMI Years: 1964-1971			4.250"/108.0mm x 3.750"/95.3mm				16
	426 CID (7.0L) 16V V8 Wedge Years: 1963-1965			4.250"/108.0mm x 3.750"/95.3mm				
Rod Bearing (8)	TM-77	CB-527HND	STD,1,9,10,11	2.3740/2.3750	0.0005/0.0026	0.0622	2.5000/2.5005	0.8620
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HNDK	STD	2.3740/2.3750	0.0005/0.0026	0.0622	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXND	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5002	0.8620
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXNDK	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	B-2	CB-1512M	STD	2.3740/2.3750	0.0015/0.0036	0.0620	2.5000/2.5005	0.8460
NOTE: Crankshaft With Extra-Large Fillets, M-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod								
Rod Bearing (8)	B-2	CB-1512M(U)	STD	2.3740/2.3750	0.0015/0.0036	0.0620	2.5000/2.5005	0.8460
NOTE: Crankshaft With Extra-Large Fillets, M-Series Performance Contains Upper Shell Only								
Rod Bearing (8)	VP-3	CB-1512V	STD,10	2.3740/2.3750	0.0015/0.0036	0.0620	2.5000/2.5005	0.8460
NOTE: Crankshaft With Extra-Large Fillets, V-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod								
Rod Bearing (8)	VP-3	CB-1512V(U)	STD	2.3740/2.3750	0.0015/0.0036	0.0624	2.5000/2.5005	0.8460
NOTE: Crankshaft With Extra-Large Fillets, V-Series Performance Contains Upper Shell Only								
Main Bearing Set	TM-77	MS-896P	STD	2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
3		MB-2495P(F)						
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. P-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	B-2	MS-972M	STD	2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	0.9490
1-2-4-5		MB-2543M		2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	1.2240
3		MB-2544M(F)						
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. M-Series Performance Contains Full Grooved Bearings								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
16 (cont.)	426 CID (7.0L) 16V V8 HEMI Years: 1964-1971			4.250"/108.0mm x 3.750"/95.3mm					16 (cont.)
	426 CID (7.0L) 16V V8 Wedge Years: 1963-1965			4.250"/108.0mm x 3.750"/95.3mm					
Main Bearing Set	B-2	MS-1795M	STD						
1-2-4-5		MB-3248M		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.9490	
3		MB-3249M(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.2240	
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. M-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	VP-3	MS-1795V	STD,10						
1-2-4-5		MB-3248V		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.9490	
3		MB-3249V(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.2240	
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. V-Series Performance with Tri-bore Design Grooved Upper Half And Plain Lower Half									
Main Bearing Set	VP-3	MS-2067V	STD						
1-2-3-4-5		MB-3564V		2.9975/2.9980	0.0032/0.0049	0.0954	3.1911/3.1915	0.9490	
NOTE: 3.000" Main Bearing Journal Diameter Crankshafts, Aluminum Cylinder Block, V-Series Performance with Tri-bore Design Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-120S, TW-130S									
Main Bearing Set	TM-77	MS-2233HG	STD,10						
1-2-4-5		MB-3789HG		2.7495/2.7505	0.0010/0.0031	0.0956	2.9425/2.9430	0.8750	
3		MB-2457HG(F)		2.7495/2.7505	0.0010/0.0031	0.0956	2.9425/2.9430	1.2240	
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. H-Series Performance Bearings For Position Number 3 Is Full Grooved, Position Number 1, 2, 4, 5 Has Grooved Upper Half And Plain Lower Half, Contains Narrowed Straight Shells For Extra Clearance									
Thrust Washer Set		TW-120S	STD						
		MB-1739W(L)		3.3150/3.3250			3.8880/3.8980	0.0920	
		MB-1739W(U)		3.3150/3.3250			3.8880/3.8980	0.0920	
NOTE: Aftermarket Cylinder Block Manufactured For, 3.000" Main Bearing Journal Diameter Crankshafts, Contains 4 Pieces, Position Number 3 Use with Part Number MS-2067V									
Thrust Washer Set		TW-120SK	STD•						
		MB-1739W(L)		3.3150/3.3250			3.8880/3.8980	0.0920	
		MB-1739W(U)		3.3150/3.3250			3.8880/3.8980	0.0920	
NOTE: Aftermarket Cylinder Block Manufactured For, 3.000" Main Bearing Journal Diameter Crankshafts, Contains 4 Pieces with TriArmor Coating Use with Part Number MS-2067V Position Number 3									
Thrust Washer Set		TW-130S	STD						
		MB-2292W(L)		3.0450/3.0550			3.5520/3.5620	0.1230	
		MB-2292W(U)		3.0450/3.0550			3.5520/3.5620	0.1230	
NOTE: with 2.750" Main Bearing Journal, Cylinder Block Line Bored To Accept, 3.000" Main Bearing Journal Diameter Crankshafts, Contains 4 Pieces, Position Number 3 Use with Part Number MS-2067V									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
16 (cont.)	426 CID (7.0L) 16V V8 HEMI Years: 1964-1971			4.250"/108.0mm x 3.750"/95.3mm				16 (cont.)
	426 CID (7.0L) 16V V8 Wedge Years: 1963-1965			4.250"/108.0mm x 3.750"/95.3mm				
Cam Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
Connecting Rod Forging	1851535, 2406395, 2406886, 2468000, 2951908							
Crankshaft Forging	1737642, 1821436, 1851436, 1851527, 1855127, 1978698, 2006157, 2206157, 2206158, 2206160, 2463548, 2780513, 2780533, 3294, 3698641, 3751888, 3751888-5, 4027175, 8698461							
17	440 CID (7.2L) 16V V8 Years: 1966-1979			4.320"/109.7mm x 3.750"/95.2mm				17
Rod Bearing (8)	TM-77	CB-527HND	STD,1,9,10,11	2.3740/2.3750	0.0005/0.0026	0.0622	2.5000/2.5005	0.8620
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HNDK	STD	2.3740/2.3750	0.0005/0.0026	0.0622	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXND	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5002	0.8620
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-527HXNDK	STD	2.3740/2.3750	0.0016/0.0037	0.0617	2.5000/2.5005	0.8620
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Main Bearing Set	TM-77	MS-1277HG	STD					
1-2-4-5		MB-2067HG		2.7495/2.7505	0.0009/0.0030	0.0955	2.9425/2.9430	0.9490
3		MB-2625HG(F)		2.7495/2.7505	0.0004/0.0025	0.0958	2.9425/2.9430	1.2240
For Year(s): 1974-1979								
NOTE: Engines with 3.870" / 3.930" Main Bearing Flange O.D. H-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-896P	STD					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
For Year(s): 1966-1973								
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. P-Series Performance Contains Full Grooved Bearings								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
17 (cont.)	440 CID (7.2L) 16V V8 Years: 1966-1979			4.320"/109.7mm x 3.750"/95.2mm				17 (cont.)
Main Bearing Set	B-2	MS-972M	STD					
1-2-4-5		MB-2543M		2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	0.9490
3		MB-2544M(F)		2.7495/2.7505	0.0011/0.0032	0.0956	2.9425/2.9430	1.2240
For Year(s): 1966-1973								
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. M-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-2233HG	STD,10					
1-2-4-5		MB-3789HG		2.7495/2.7505	0.0010/0.0031	0.0956	2.9425/2.9430	0.8750
3		MB-2457HG(F)		2.7495/2.7505	0.0010/0.0031	0.0956	2.9425/2.9430	1.2240
For Year(s): 1966-1973								
NOTE: Engines with 3.555" / 3.675" Main Bearing Flange O.D. H-Series Performance Bearings For Position Number 3 Is Full Grooved, Position Number 1, 2, 4, 5 Has Grooved Upper Half And Plain Lower Half, Contains Narrowed Straight Shells For Extra Clearance								
Cam Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
Connecting Rod Forging 1851535, 2406395, 2406886, 2951908								
Crankshaft Forging 1737642, 1821436, 1851436, 1851527, 1855127, 1978698, 2206157, 2206158, 2206160, 3294, 3698641, 3751888, 3751888-5, 4027175, 8698461								
10 CYL								
18	488 CID (8.0L) 20V V10 Magnum Years: 1992-2003			4.000"/101.6mm x 3.882"/98.6mm				18
Rod Bearing (10)	TM-77	CB-481HN	STD,1,9,10,11					
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (10)	TM-77	CB-481HNK	STD,1,10					
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (10)	TM-77	CB-481HXN	STD					
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (10)	TM-77	CB-481HXNK	STD					
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
10 CYL (cont.)								
18 (cont.)	488 CID (8.0L) 20V V10 Magnum Years: 1992-2003			4.000"/101.6mm x 3.882"/98.6mm				18 (cont.)
Main Bearing Set 1-2-4-5-6 3	TM-77	MS-2253H MB-4002H MB-4003H(F)	STD,1,10	2.9995/3.0005 2.9995/3.0005	0.0004/0.0025 0.0004/0.0025	0.0958 0.0958	3.1925/3.1930 3.1925/3.1930	0.8770 1.1520
For Year(s): 1992-2002 NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half, Aluminum Cylinder Block FOR VIN(S): E								
Main Bearing Set 1-2-4-5-6 3	TM-77	MS-2253HX MB-4002HX MB-4003HX(F)	STD	2.9995/3.0005 2.9995/3.0005	0.0014/0.0035 0.0014/0.0035	0.0953 0.0953	3.1925/3.1930 3.1925/3.1930	0.8770 1.1520
For Year(s): 1992-2002 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Aluminum Cylinder Block FOR VIN(S): E								
19	505 CID (8.3L) 20V V10 Years: 2003-2006			4.031"/102.4mm x 3.960"/100.6mm				19
	515 CID (8.4L) 20V V10 Years: 2008-2009			4.055"/103.0mm x 3.960"/100.6mm				
Rod Bearing (10)	TM-77	CB-1808HN	STD,.026mm,.23mm .25mm,.28mm	2.1257/2.1263	0.0009/0.0026	0.0625	2.2522/2.2527	0.7410
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (10)	TM-77	CB-1808HXN	STD	2.1257/2.1263	0.0019/0.0036	0.0620	2.2522/2.2527	0.7410
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								

FORD

ENGINE	YEAR	BORE & STROKE	BLOCK
121 CID (2.0L) DOHC 16V L4 Duratec	2004-2009	3.445"/87.5mm X 3.270"/83.0mm	1
122 CID (2.0L) DOHC 16V L4 Zetec	1995-2004	3.339"/84.8mm X 3.461"/87.9mm	2
140 CID (2.3L) DOHC 16V L4 Duratec	2001-2009	3.440"/87.4mm X 3.700"/94.0mm	3
140 CID (2.3L) DOHC 16V L4 Duratec Hybrid	2005-2008	3.440"/87.4mm X 3.700"/94.0mm	3
221 CID (3.6L) 16V V8	1962-1963	3.500"/88.9mm X 2.880"/73.0mm	4
255 CID (4.2L) 16V V8	1980-1982	3.680"/93.5mm X 3.000"/76.2mm	4
260 CID (4.3L) 16V V8	1962-1964	3.800"/96.5mm X 2.870"/72.9mm	4
281 CID (4.6L) SOHC 16V V8	2006-2010	3.551"/90.2mm X 3.542"/90.0mm	5
281 CID (4.6L) SOHC 24V V8	2005-2010	3.551"/90.2mm X 3.542"/90.0mm	6
281 CID (4.6L) SOHC 16V V8 Romeo	1991-2008	3.551"/90.2mm X 3.542"/90.0mm	7
281 CID (4.6L) SOHC 24V V8 Triton	2009-2010	3.551"/90.2mm X 3.542"/90.0mm	6
281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	1997-2010	3.551"/90.2mm X 3.542"/90.0mm	7
281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	1997-2010	3.551"/90.2mm X 3.542"/90.0mm	8
281 CID (4.6L) SOHC 16V V8 Windsor	1993-2010	3.551"/90.2mm X 3.542"/90.0mm	8
281 CID (4.6L) DOHC 32V V8 InTech	1993-2005	3.551"/90.2mm X 3.542"/90.0mm	6



ENGINE	YEAR	BORE & STROKE	BLOCK
281 CID (4.6L) DOHC 32V V8	1996-2001, 2003-2004	3.551"/90.2mm X 3.542"/90.0mm	6
281 CID (4.6L) DOHC 32V SC V8	2003-2004	3.551"/90.2mm X 3.542"/90.0mm	6
289 CID (4.7L) 16V V8	1963-1968	4.000"/101.6mm X 2.870"/72.9mm	4
302 CID (5.0L) 16V V8 HO	1982, 1984-1995	4.000"/101.6mm X 3.000"/76.2mm	4
302 CID (5.0L) 16V V8	1968-2001	4.000"/101.6mm X 3.000"/76.2mm	4
302 CID (5.0L) DOHC 32V V8 99F	2011	3.630"/92.2mm X 3.650"/92.7mm	9
330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	1997-2010	3.551"/90.2mm X 4.161"/105.7mm	8
330 CID (5.4L) SOHC 16V SC V8 Triton (Windsor)	1999-2004	3.551"/90.2mm X 4.161"/105.7mm	8
330 CID (5.4L) SOHC 24V V8 Triton (Windsor)	2004-2010	3.551"/90.2mm X 4.161"/105.7mm	8
330 CID (5.4L) DOHC 32V V8 InTech	1999-2004	3.551"/90.2mm X 4.161"/105.7mm	8
330 CID (5.4L) DOHC 32V SC V8 Windsor	2005-2009	3.551"/90.2mm X 4.161"/105.7mm	9
351 CID (5.8L) 16V V8 Cleveland	1970-1974	4.000"/101.6mm X 3.500"/88.8mm	10
351 CID (5.8L) 16V V8 Modified	1975-1982	4.000"/101.6mm X 3.500"/88.8mm	11
351 CID (5.8L) 16V V8 Windsor	1969-1998	4.000"/101.6mm X 3.500"/88.8mm	12
351 CID (5.8L) 16V V8 Windsor HO	1993-1995	4.000"/101.6mm X 3.500"/88.8mm	12
370 CID (6.1L) 16V V8	1980-1991	4.050"/102.9mm X 3.590"/91.2mm	13
400 CID (6.6L) 16V V8	1971-1982	4.000"/101.6mm X 4.000"/101.6mm	11
415 CID (6.8L) SOHC 20V V10 Triton	1997-2009	3.551"/90.2mm X 4.161"/105.7mm	14
415 CID (6.8L) SOHC 30V V10 Triton	2005-2009	3.551"/90.2mm X 4.161"/105.7mm	14
429 CID (7.0L) 16V V8 Thunder Jet	1968-1973	4.360"/110.7mm X 3.590"/91.2mm	13
460 CID (7.5L) 16V V8 HO	1974-1978	4.360"/110.7mm X 3.850"/97.8mm	13
460 CID (7.5L) 16V V8	1968-1998	4.360"/110.7mm X 3.850"/97.8mm	13

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
C20E	2.870in/72.9mm	4	C80E-A	2.880in/73.0mm	4	D1AE-A	3.500in/88.8mm	11
C20E	2.880in/73.0mm	4	C80E-A	3.000in/76.2mm	4	D1AE-A	4.000in/101.6mm	11
C20E	3.000in/76.2mm	4	C8DE	2.870in/72.9mm	4	D60E	3.500in/88.8mm	12
C30E-A	2.870in/72.9mm	4	C8DE	2.880in/73.0mm	4	D60E	3.500in/88.8mm	12
C30E-A	2.880in/73.0mm	4	C8DE	3.000in/76.2mm	4	D6VE	3.590in/91.2mm	13
C30E-A	3.000in/76.2mm	4	C8VE	3.590in/91.2mm	13	D6VE	3.850in/97.8mm	13
C3AE-D	2.870in/72.9mm	4	C8VE	3.850in/97.8mm	13	D9TE	3.590in/91.2mm	13
C3AE-D	2.880in/73.0mm	4	C8VE-A	3.590in/91.2mm	13	D9TE	3.850in/97.8mm	13
C3AE-D	3.000in/76.2mm	4	C8VE-A	3.850in/97.8mm	13	DOAE-A	3.500in/88.8mm	10
C3AE-J	2.870in/72.9mm	4	C90E	3.500in/88.8mm	12	RFF1AE6205-AD	3.542in/90.0mm	7
C3AE-J	2.880in/73.0mm	4	C90E	3.500in/88.8mm	12	RFF1AE6205-AD	3.542in/90.0mm	8
C3AE-J	3.000in/76.2mm	4	DOOE-A	3.590in/91.2mm	13			
C80E-A	2.870in/72.9mm	4	DOOE-A	3.850in/97.8mm	13			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
1J	2.870in/72.9mm	4	1V	3.850in/97.8mm	13	2M	2.880in/73.0mm	4
1J	2.880in/73.0mm	4	1VA	3.590in/91.2mm	13	2M	3.000in/76.2mm	4
1J	3.000in/76.2mm	4	1VA	3.850in/97.8mm	13	2MA	2.870in/72.9mm	4
1K	3.500in/88.8mm	11	1VAB	3.590in/91.2mm	13	2MA	2.880in/73.0mm	4
1K	4.000in/101.6mm	11	1VAB	3.850in/97.8mm	13	2MA	3.000in/76.2mm	4
1KA	3.500in/88.8mm	11	1YAB	3.590in/91.2mm	13	2MAB	2.870in/72.9mm	4
1KA	4.000in/101.6mm	11	1YAB	3.850in/97.8mm	13	2MAB	2.880in/73.0mm	4
1M	2.870in/72.9mm	4	2H-A	2.870in/72.9mm	4	2MAB	3.000in/76.2mm	4
1M	2.880in/73.0mm	4	2H-A	2.880in/73.0mm	4	2MAC	2.870in/72.9mm	4
1M	3.000in/76.2mm	4	2H-A	3.000in/76.2mm	4	2MAC	2.880in/73.0mm	4
1MA	2.870in/72.9mm	4	2J	2.870in/72.9mm	4	2MAC	3.000in/76.2mm	4
1MA	2.880in/73.0mm	4	2J	2.880in/73.0mm	4	2MAD	2.870in/72.9mm	4
1MA	3.000in/76.2mm	4	2J	3.000in/76.2mm	4	2MAD	2.880in/73.0mm	4
1V	3.590in/91.2mm	13	2M	2.870in/72.9mm	4	2MAD	3.000in/76.2mm	4



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
2MAE	2.870in/72.9mm	4	5MA	4.000in/101.6mm	11	C8SE-A	3.850in/97.8mm	13
2MAE	2.880in/73.0mm	4	5MAB	3.500in/88.8mm	11	C8VE	3.590in/91.2mm	13
2MAE	3.000in/76.2mm	4	5MAB	4.000in/101.6mm	11	C8VE	3.850in/97.8mm	13
2N	2.870in/72.9mm	4	5MABC	3.500in/88.8mm	11	C8VE-A	3.590in/91.2mm	13
2N	2.880in/73.0mm	4	5MABC	4.000in/101.6mm	11	C8VE-A	3.850in/97.8mm	13
2N	3.000in/76.2mm	4	7M	3.500in/88.8mm	12	C9AE-A	3.590in/91.2mm	13
2NA	2.870in/72.9mm	4	7MA	3.500in/88.8mm	12	C9AE-A	3.850in/97.8mm	13
2NA	2.880in/73.0mm	4	8M	3.500in/88.8mm	11	C9AE-B	3.590in/91.2mm	13
2NA	3.000in/76.2mm	4	8M	4.000in/101.6mm	11	C9AE-B	3.850in/97.8mm	13
2NAB	2.870in/72.9mm	4	90-21-0	3.461in/87.9mm	2	C9OE-A	3.500in/88.8mm	12
2NAB	2.880in/73.0mm	4	90TM-AA	3.461in/87.9mm	2	C9ZE-A	2.870in/72.9mm	4
2NAB	3.000in/76.2mm	4	90TM-AB	3.461in/87.9mm	2	C9ZE-A	2.880in/73.0mm	4
2NABC	3.590in/91.2mm	13	9166N	3.461in/87.9mm	2	C9ZE-A	3.000in/76.2mm	4
2NABC	3.850in/97.8mm	13	91A-6303-A	3.461in/87.9mm	2	D7AE	3.500in/88.8mm	11
2NABC	2.870in/72.9mm	4	91A-6303-B	3.461in/87.9mm	2	D7AE	4.000in/101.6mm	11
2NABC	2.880in/73.0mm	4	91H-6303-B	3.461in/87.9mm	2	D7AE-A	3.500in/88.8mm	11
2NABC	3.000in/76.2mm	4	91K	3.461in/87.9mm	2	D7AE-A	4.000in/101.6mm	11
2Y	3.590in/91.2mm	13	91TM-AA	3.461in/87.9mm	2	D9TE-AA	3.590in/91.2mm	13
2Y	3.850in/97.8mm	13	C0E-A	2.870in/72.9mm	4	D9TE-AA	3.850in/97.8mm	13
2Y68-76	3.590in/91.2mm	13	C0E-A	2.880in/73.0mm	4	D9TE-B	3.590in/91.2mm	13
2Y68-76	3.850in/97.8mm	13	C0E-A	3.000in/76.2mm	4	D9TE-B	3.850in/97.8mm	13
2YA	3.590in/91.2mm	13	C20E-A	2.870in/72.9mm	4	D9TE-BA	3.590in/91.2mm	13
2YA	3.850in/97.8mm	13	C20E-A	2.880in/73.0mm	4	D9TE-BA	3.850in/97.8mm	13
2YAB	3.590in/91.2mm	13	C20E-A	3.000in/76.2mm	4	D9TE-EA	3.590in/91.2mm	13
2YAB	3.850in/97.8mm	13	C20Z	2.870in/72.9mm	4	D9TE-EA	3.850in/97.8mm	13
2YABC	3.590in/91.2mm	13	C20Z	2.880in/73.0mm	4	DOAE-A	3.500in/88.8mm	10
2YABC	3.850in/97.8mm	13	C20Z	3.000in/76.2mm	4	E1AE	2.870in/72.9mm	4
30R	3.590in/91.2mm	13	C20Z-A	2.870in/72.9mm	4	E1AE	2.880in/73.0mm	4
30R	3.850in/97.8mm	13	C20Z-A	2.880in/73.0mm	4	E1AE	3.000in/76.2mm	4
31-87	3.590in/91.2mm	13	C20Z-A	3.000in/76.2mm	4	E1AE-AA	2.870in/72.9mm	4
31-87	3.850in/97.8mm	13	C20Z	2.870in/72.9mm	4	E1AE-AA	2.880in/73.0mm	4
31M	3.590in/91.2mm	13	C20Z	2.880in/73.0mm	4	E1AE-AA	3.000in/76.2mm	4
31M	3.850in/97.8mm	13	C20Z	3.000in/76.2mm	4	E4AE-BA	3.500in/88.8mm	12
3281N	3.590in/91.2mm	13	C20Z-B	2.870in/72.9mm	4	E7AE	2.870in/72.9mm	4
3281N	3.850in/97.8mm	13	C20Z-B	2.880in/73.0mm	4	E7AE	2.880in/73.0mm	4
329880N	3.590in/91.2mm	13	C20Z-B	3.000in/76.2mm	4	E7AE	3.000in/76.2mm	4
329880N	3.850in/97.8mm	13	C30E-B	2.870in/72.9mm	4	E7AE-AA	2.870in/72.9mm	4
3C	3.500in/88.8mm	12	C30E-B	2.880in/73.0mm	4	E7AE-AA	2.880in/73.0mm	4
3M	3.500in/88.8mm	12	C30E-B	3.000in/76.2mm	4	E7AE-AA	3.000in/76.2mm	4
3MA	3.500in/88.8mm	12	C30Z	2.870in/72.9mm	4	F1AE-AD	3.542in/90.0mm	7
3Y	3.590in/91.2mm	13	C30Z	2.880in/73.0mm	4	F1AE-AD	3.542in/90.0mm	8
3Y	3.850in/97.8mm	13	C30Z	3.000in/76.2mm	4	F1AE-AD-5D	3.542in/90.0mm	6
3YAB	3.590in/91.2mm	13	C3AE-F	2.870in/72.9mm	4	F1AE-AD-7D	3.542in/90.0mm	6
3YAB	3.850in/97.8mm	13	C3AE-F	2.880in/73.0mm	4	F1AE-AD-8D	3.542in/90.0mm	6
4M	3.500in/88.8mm	10	C3AE-F	3.000in/76.2mm	4	F1AE-AE	3.542in/90.0mm	6
4MA	3.500in/88.8mm	10	C3AF-N	2.870in/72.9mm	4	F1AE-AE	3.542in/90.0mm	7
4MAB	3.500in/88.8mm	10	C3AF-N	2.880in/73.0mm	4	F1AE-AE	3.542in/90.0mm	8
4U	3.590in/91.2mm	13	C3AF-N	3.000in/76.2mm	4	GS-M	2.870in/72.9mm	4
4U	3.850in/97.8mm	13	C30Z	2.870in/72.9mm	4	GS-M	2.880in/73.0mm	4
4UA	3.590in/91.2mm	13	C30Z	2.880in/73.0mm	4	GS-M	3.000in/76.2mm	4
4UA	3.850in/97.8mm	13	C30Z	3.000in/76.2mm	4	H	3.590in/91.2mm	13
4UAB	3.590in/91.2mm	13	C30Z-B	2.870in/72.9mm	4	H	3.850in/97.8mm	13
4UAB	3.850in/97.8mm	13	C30Z-B	2.880in/73.0mm	4	RFF1AE6306-AD	3.542in/90.0mm	7
4UB	3.590in/91.2mm	13	C30Z-B	3.000in/76.2mm	4	RFF1AE6306-AD	3.542in/90.0mm	8
4UB	3.850in/97.8mm	13	C80E-B	2.870in/72.9mm	4	SM	3.500in/88.8mm	11
5M	3.500in/88.8mm	11	C80E-B	2.880in/73.0mm	4	SM	4.000in/101.6mm	11
5M	4.000in/101.6mm	11	C80E-B	3.000in/76.2mm	4	ZYA	3.590in/91.2mm	13
5MA	3.500in/88.8mm	11	C8SE-A	3.590in/91.2mm	13	ZYA	3.850in/97.8mm	13



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	121 CID (2.0L) DOHC 16V L4 Duratec			3.445"/87.5mm x 3.270"/83.0mm				1
Years: 2004-2009								
Rod Bearing (4)	TM-77	CB-1840H	STD,.026mm,.25mm	1.8496/1.8503	0.0010/0.0020	0.0599	1.9694/1.9702	0.6653
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1840HK	STD	1.8496/1.8503	0.0010/0.0020	0.0599	1.9694/1.9702	0.6653
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1840HX	STD	1.8496/1.8503	0.0020/0.0030	0.0594	1.9694/1.9702	0.6653
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1840HXX	STD	1.8496/1.8503	0.0020/0.0030	0.0594	1.9694/1.9702	0.6653
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2245H	STD•	2.0464/2.0472	0.0004/0.0024	0.0986	2.2448/2.2455	0.7520
1-2-4-5		MB-3822H		2.0464/2.0472	0.0006/0.0027	0.0985	2.2448/2.2455	1.0140
3		MB-3823H(F)						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
2	122 CID (2.0L) DOHC 16V L4 Zetec			3.339"/84.8mm x 3.461"/87.9mm				2
Years: 1995-2004								
Rod Bearing (4)	TM-77	CB-1774H	STD,.026mm,.25mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1774HX	STD	1.8461/1.8468	0.0018/0.0027	0.0580	1.9642/1.9650	0.8020
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2208H	STD,.026mm,.25mm	2.2827/2.2834	0.0003/0.0016	0.0842	2.4522/2.4528	0.7710
1-2-4-5		MB-3753H		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
3		MB-3754H(F)						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-2208HX	STD	2.2827/2.2834	0.0013/0.0026	0.0837	2.4522/2.4528	0.7710
1-2-4-5		MB-3753HX		2.2827/2.2834	0.0017/0.0040	0.0837	2.4522/2.4528	0.9730
3		MB-3754HX(F)						
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Crankshaft Forging				90-21-0, 90TM-AA, 90TM-AB, 9166N, 91A-6303-A, 91A-6303-B, 91H-6303-B, 91K, 91TM-AA				
3	140 CID (2.3L) DOHC 16V L4 Duratec			3.440"/87.4mm x 3.700"/94.0mm				3
Years: 2001-2009								
	140 CID (2.3L) DOHC 16V L4 Duratec Hybrid			3.440"/87.4mm x 3.700"/94.0mm				
Years: 2005-2008								
Rod Bearing (4)	TM-77	CB-1838H	STD,.026mm,.25mm	1.9677/1.9685	0.0010/0.0020	0.0598	2.0875/2.0883	0.6653
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1838HK	STD	1.9677/1.9685	0.0010/0.0020	0.0598	2.0875/2.0883	0.6653
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
3 (cont.)	140 CID (2.3L) DOHC 16V L4 Duratec Years: 2001-2009			3.440"/87.4mm x 3.700"/94.0mm				3 (cont.)
	140 CID (2.3L) DOHC 16V L4 Duratec Hybrid Years: 2005-2008			3.440"/87.4mm x 3.700"/94.0mm				
Rod Bearing (4)	TM-77	CB-1838HX	STD	1.9677/1.9685	0.0020/0.0030	0.0593	2.0875/2.0883	0.6653
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1838HXK	STD	1.9677/1.9685	0.0020/0.0030	0.0593	2.0875/2.0883	0.6653
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2245H	STD•	2.0464/2.0472	0.0004/0.0024	0.0986	2.2448/2.2455	0.7520
1-2-4-5		MB-3822H		2.0464/2.0472	0.0006/0.0027	0.0985	2.2448/2.2455	1.0140
3		MB-3823H(F)						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
8 CYL								
4	221 CID (3.6L) 16V V8 Years: 1962-1963			3.500"/88.9mm x 2.880"/73.0mm				4
	255 CID (4.2L) 16V V8 Years: 1980-1982			3.680"/93.5mm x 3.000"/76.2mm				
	260 CID (4.3L) 16V V8 Years: 1962-1964			3.800"/96.5mm x 2.870"/72.9mm				
	289 CID (4.7L) 16V V8 Years: 1963-1968			4.000"/101.6mm x 2.870"/72.9mm				
	302 CID (5.0L) 16V V8 HO Years: 1982, 1984-1995			4.000"/101.6mm x 3.000"/76.2mm				
	302 CID (5.0L) 16V V8 Years: 1968-2001			4.000"/101.6mm x 3.000"/76.2mm				
Rod Bearing (8)	TM-77	CB-634HN	STD,1,9,10,11	2.1228/2.1236	0.0006/0.0028	0.0575	2.2390/2.2398	0.6810
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-634HND	STD,10	2.1228/2.1236	0.0006/0.0028	0.0575	2.2390/2.2398	0.6810
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-634HNC	STD,1,10	2.1228/2.1236	0.0006/0.0028	0.0575	2.2390/2.2398	0.6810
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-634HXN	STD	2.1228/2.1236	0.0016/0.0038	0.0570	2.2390/2.2398	0.6810
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
4 (cont.)	221 CID (3.6L) 16V V8 Years: 1962-1963			3.500"/88.9mm x 2.880"/73.0mm					4 (cont.)
	255 CID (4.2L) 16V V8 Years: 1980-1982			3.680"/93.5mm x 3.000"/76.2mm					
	260 CID (4.3L) 16V V8 Years: 1962-1964			3.800"/96.5mm x 2.870"/72.9mm					
	289 CID (4.7L) 16V V8 Years: 1963-1968			4.000"/101.6mm x 2.870"/72.9mm					
	302 CID (5.0L) 16V V8 HO Years: 1982, 1984-1995			4.000"/101.6mm x 3.000"/76.2mm					
	302 CID (5.0L) 16V V8 Years: 1968-2001			4.000"/101.6mm x 3.000"/76.2mm					
	Rod Bearing (8) TM-77 CB-634HXNK STD NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.1228/2.1236	0.0016/0.0038	0.0570	2.2390/2.2398	
Rod Bearing (8) VP-2 CB-634V-1 10 NOTE: V-Series Performance No Dowel Hole In Cap Half				2.1228/2.1236	0.0006/0.0028	0.0575	2.2390/2.2398	0.7260	
Main Bearing Set TM-77 MS-590H STD,1,9,10,11 1-2-4-5 MB-2121H 3 MB-2122H(F) NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half				2.2482/2.2490	0.0006/0.0028	0.0957	2.4412/2.4420	0.8900 1.1330	
Main Bearing Set TM-77 MS-590HK STD,1,10 1-2-4-5 MB-2121H 3 MB-2122H(F) NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.2482/2.2490	0.0006/0.0028	0.0957	2.4412/2.4420	0.8900 1.1330	
Main Bearing Set TM-77 MS-590HX STD 1-2-4-5 MB-2121HX 3 MB-2122HX(F) NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half				2.2482/2.2490	0.0016/0.0038	0.0952	2.4412/2.4420	0.8900 1.1330	
Main Bearing Set TM-77 MS-590HXX STD 1-2-4-5 MB-2121HX 3 MB-2122HX(F) NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.2482/2.2490	0.0016/0.0038	0.0952	2.4412/2.4420	0.8900 1.1330	
Main Bearing Set VP-2 MS-590V STD 1-2-4-5 MB-2121V 3 MB-2122V(F) NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half				2.2482/2.2490	0.0004/0.0026	0.0960	2.4412/2.4420	0.8900 1.1330	
Main Bearing Set VP-2 MS-590VX STD 1-2-4-5 MB-2121VX 3 MB-2122VX(F) NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half				2.2482/2.2490	0.0014/0.0036	0.0955	2.4412/2.4420	0.8900 1.1330	



COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
8 CYL (cont.)										
4 (cont.)	221 CID (3.6L) 16V V8			3.500"/88.9mm x 2.880"/73.0mm					4 (cont.)	
	Years: 1962-1963									
	255 CID (4.2L) 16V V8			3.680"/93.5mm x 3.000"/76.2mm						
	Years: 1980-1982									
	260 CID (4.3L) 16V V8			3.800"/96.5mm x 2.870"/72.9mm						
	Years: 1962-1964									
	289 CID (4.7L) 16V V8			4.000"/101.6mm x 2.870"/72.9mm						
Years: 1963-1968										
302 CID (5.0L) 16V V8 HO				4.000"/101.6mm x 3.000"/76.2mm						
Years: 1982, 1984-1995										
302 CID (5.0L) 16V V8				4.000"/101.6mm x 3.000"/76.2mm						
Years: 1968-2001										
Cam Bearing Set	B-1	SH-510S	STD							
1		SH-510		2.0805/2.0815	0.0010/0.0050	0.0608	2.2041/2.2051	0.6700		
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700		
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700		
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700		
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700		
Cam Bearing Set	B-2	SH-1321S	STD							
1		SH-1321		2.0805/2.0815	0.0011/0.0049	0.0602	2.2030/2.2050	0.6650		
2		SH-1322		2.0655/2.0665	0.0011/0.0049	0.0602	2.1880/2.1900	0.6650		
3		SH-1323		2.0505/2.0515	0.0011/0.0049	0.0602	2.1730/2.1750	0.6650		
4		SH-1324		2.0355/2.0365	0.0011/0.0049	0.0602	2.1580/2.1600	0.6650		
5		SH-1325		2.0205/2.0215	0.0011/0.0049	0.0602	2.1430/2.1450	0.6650		
NOTE: High Strength Material										
Connecting Rod Forging C20E, C30E-A, C3AE-D, C3AE-J, C80E-A, C8DE										
Crankshaft Forging 1J, 1M, 1MA, 2H-A, 2J, 2M, 2MA, 2MAB, 2MAC, 2MAD, 2MAE, 2N, 2NA, 2NAB, 2NABC, C0E-A, C20E-A, C20Z, C20Z-A, C20Z, C20Z-B, C30E-B, C30Z, C3AE-F, C3AF-N, C30Z, C30Z-B, C80E-B, C9ZE-A, E1AE, E1AE-AA, E7AE, E7AE-AA, GS-M										
5	281 CID (4.6L) SOHC 16V V8			3.551"/90.2mm x 3.542"/90.0mm					5	
	VIN Code: 'V' (2006-2010)									
	Rod Bearing (8)	TM-77	CB-1442H	STD, .026mm, .23mm .25mm, .28mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396		0.8270
	NOTE: H-Series Performance No Dowel Hole In Cap Half FOR VIN(S): V									
	Rod Bearing (8)	TM-77	CB-1442HK	STD	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396		0.8270
	NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): V									
Rod Bearing (8)	TM-77	CB-1442HX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270		
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half FOR VIN(S): V										
Rod Bearing (8)	TM-77	CB-1442HXX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270		
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): V										



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
5 (cont.)	281 CID (4.6L) SOHC 16V V8 VIN Code: 'V' (2006-2010)			3.551"/90.2mm x 3.542"/90.0mm				5 (cont.)
Main Bearing Set	TM-77	MS-2007H	STD,.026mm,.25mm					
1-2-3-4		MB-3139H		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140H(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
NOTE: H-Series Performance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): V								
Main Bearing Set	TM-77	MS-2007HK	STD,.25mm					
1-2-3-4		MB-3139H		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140H(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
NOTE: H-Series Performance with TriArmor Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): V								
Main Bearing Set	TM-77	MS-2007HX	STD					
1-2-3-4		MB-3139HX		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140HX(F)		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.8900
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): V								
Main Bearing Set	TM-77	MS-2007HXX	STD					
1-2-3-4		MB-3139HX		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140HX(F)		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.8900
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): V								
6	281 CID (4.6L) SOHC 24V V8 VIN Codes: '8' (2006-2010), 'H' (2005-2010)			3.551"/90.2mm x 3.542"/90.0mm				6
	281 CID (4.6L) SOHC 24V V8 Triton VIN Code: '8' (2009-2010)			3.551"/90.2mm x 3.542"/90.0mm				
	281 CID (4.6L) DOHC 32V V8 InTech VIN Codes: 'H' (2003-2005), 'V' (1993-2004)			3.551"/90.2mm x 3.542"/90.0mm				
	281 CID (4.6L) DOHC 32V V8 VIN Codes: 'R' (2003-2004), 'V' (1996-2001)			3.551"/90.2mm x 3.542"/90.0mm				
	281 CID (4.6L) DOHC 32V SC V8 VIN Code: 'Y' (2003-2004)			3.551"/90.2mm x 3.542"/90.0mm				
Rod Bearing (8)	TM-77	CB-1442H	STD,.026mm,.23mm .25mm,.28mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance No Dowel Hole In Cap Half FOR VIN(S): 8,H,R,V,Y								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
6 (cont.)	281 CID (4.6L) SOHC 24V V8			3.551"/90.2mm x 3.542"/90.0mm					6 (cont.)
	VIN Codes: '8' (2006-2010), 'H' (2005-2010)								
	281 CID (4.6L) SOHC 24V V8 Triton			3.551"/90.2mm x 3.542"/90.0mm					
	VIN Code: '8' (2009-2010)								
	281 CID (4.6L) DOHC 32V V8 InTech			3.551"/90.2mm x 3.542"/90.0mm					
VIN Codes: 'H' (2003-2005), 'V' (1993-2004)									
281 CID (4.6L) DOHC 32V V8			3.551"/90.2mm x 3.542"/90.0mm						
VIN Codes: 'R' (2003-2004), 'V' (1996-2001)									
281 CID (4.6L) DOHC 32V SC V8			3.551"/90.2mm x 3.542"/90.0mm						
VIN Code: 'Y' (2003-2004)									
Rod Bearing (8)	TM-77	CB-1442HK	STD	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									
FOR VIN(S): 8,H,R,V,Y									
Rod Bearing (8)	TM-77	CB-1442HX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
FOR VIN(S): 8,H,R,V,Y									
Rod Bearing (8)	TM-77	CB-1442HXX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									
FOR VIN(S): 8,H,R,V,Y									
Main Bearing Set	TM-77	MS-2198H	STD‡,.026mm‡,.25mm‡	2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.7500	
1-2-3-4		MB-3772H							
5		MB-3139W							
5		MB-3773H(F)		2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.8910	
NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half									
FOR VIN(S): 8,H,R,V,Y									
<i>(To Be Replaced By MS-2259H)</i>									
Main Bearing Set	TM-77	MS-2198HK	STD,.25mm	2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.7500	
1-2-3-4		MB-3772H							
5		MB-3139W							
5		MB-3773H(F)		2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.8910	
NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
FOR VIN(S): 8,H,R,V,Y									
<i>(To Be Replaced By MS-2259HK)</i>									



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
6 (cont.)	281 CID (4.6L) SOHC 24V V8			3.551"/90.2mm x 3.542"/90.0mm					6 (cont.)
	VIN Codes: '8' (2006-2010), 'H' (2005-2010)								
	281 CID (4.6L) SOHC 24V V8 Triton			3.551"/90.2mm x 3.542"/90.0mm					
	VIN Code: '8' (2009-2010)								
	281 CID (4.6L) DOHC 32V V8 InTech			3.551"/90.2mm x 3.542"/90.0mm					
VIN Codes: 'H' (2003-2005), 'V' (1993-2004)									
281 CID (4.6L) DOHC 32V V8			3.551"/90.2mm x 3.542"/90.0mm						
VIN Codes: 'R' (2003-2004), 'V' (1996-2001)									
281 CID (4.6L) DOHC 32V SC V8			3.551"/90.2mm x 3.542"/90.0mm						
VIN Code: 'Y' (2003-2004)									
Main Bearing Set	TM-77	MS-2198HX	STD‡						
1-2-3-4		MB-3772HX		2.6568/2.6576	0.0015/0.0035	0.0962	2.8505/2.8512	0.7500	
5		MB-3139W						0.1151	
5		MB-3773HX(F)		2.6568/2.6576	0.0015/0.0035	0.0962	2.8505/2.8512	0.8910	
NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): 8,H,R,V,Y <i>(To Be Replaced By MS-2259HX)</i>									
Main Bearing Set	TM-77	MS-2198HXX	STD						
1-2-3-4		MB-3772HX		2.6568/2.6576	0.0015/0.0035	0.0962	2.8505/2.8512	0.7500	
5		MB-3139W						0.1151	
5		MB-3773HX(F)		2.6568/2.6576	0.0015/0.0035	0.0962	2.8505/2.8512	0.8910	
NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): 8,H,R,V,Y <i>(To Be Replaced By MS-2259HXX)</i>									
Main Bearing Set	TM-77	MS-2259H	STD,.026mm,.25mm						
1-2-3-4		MB-3841H		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842H(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.8910	
NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): 8,H,R,V,Y									
Main Bearing Set	TM-77	MS-2259HK	STD*,.25mm						
1-2-3-4		MB-3841H		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842H(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.8910	
NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): 8,H,R,V,Y									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
6 (cont.)	281 CID (4.6L) SOHC 24V V8			3.551"/90.2mm x 3.542"/90.0mm					6 (cont.)
	VIN Codes: '8' (2006-2010), 'H' (2005-2010)								
	281 CID (4.6L) SOHC 24V V8 Triton			3.551"/90.2mm x 3.542"/90.0mm					
	VIN Code: '8' (2009-2010)								
	281 CID (4.6L) DOHC 32V V8 InTech			3.551"/90.2mm x 3.542"/90.0mm					
VIN Codes: 'H' (2003-2005), 'V' (1993-2004)									
281 CID (4.6L) DOHC 32V V8			3.551"/90.2mm x 3.542"/90.0mm						
VIN Codes: 'R' (2003-2004), 'V' (1996-2001)									
281 CID (4.6L) DOHC 32V SC V8			3.551"/90.2mm x 3.542"/90.0mm						
VIN Code: 'Y' (2003-2004)									
Main Bearing Set	TM-77	MS-2259HX	STD						
1-2-3-4		MB-3841HX		2.6567/2.6577	0.0013/0.0038	0.0957	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842HX(F)		2.6567/2.6577	0.0013/0.0038	0.0957	2.5804/2.5813	0.8910	
NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half									
FOR VIN(S): 8,H,R,V,Y									
Main Bearing Set	TM-77	MS-2259HXX	STD						
1-2-3-4		MB-3841HX		2.6567/2.6577	0.0013/0.0038	0.0957	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842HX(F)		2.6567/2.6577	0.0013/0.0038	0.0957	2.5804/2.5813	0.8910	
NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
FOR VIN(S): 8,H,R,V,Y									
Crankshaft Forging				F1AE-AD-5D, F1AE-AD-7D, F1AE-AD-8D, F1AE-AE					
7	281 CID (4.6L) SOHC 16V V8 Romeo			3.551"/90.2mm x 3.542"/90.0mm					7
	VIN Codes: 'W' (1991-2008), 'X' (1996-2004)								
	281 CID (4.6L) SOHC 16V V8 Triton (Romeo)			3.551"/90.2mm x 3.542"/90.0mm					
VIN Code: 'W' (1997-2010)									
Rod Bearing (8)	TM-77	CB-1442H	STD,.026mm,.23mm .25mm,.28mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
NOTE: H-Series Performance No Dowel Hole In Cap Half									
FOR VIN(S): W,X									
Rod Bearing (8)	TM-77	CB-1442HK	STD	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									
FOR VIN(S): W,X									
Rod Bearing (8)	TM-77	CB-1442HX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
FOR VIN(S): W,X									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
7 (cont.)	281 CID (4.6L) SOHC 16V V8 Romeo VIN Codes: 'W' (1991-2008), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				7 (cont.)
	281 CID (4.6L) SOHC 16V V8 Triton (Romeo) VIN Code: 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm				
Rod Bearing (8)	TM-77	CB-1442HXK	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): W,X								
Main Bearing Set	TM-77	MS-2007H	STD,.026mm,.25mm					
1-2-3-4		MB-3139H		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140H(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
For Year(s): 1993-2010 NOTE: H-Series Performance Cast Iron Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): W,X								
Main Bearing Set	TM-77	MS-2007HK	STD,.25mm					
1-2-3-4		MB-3139H		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140H(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
For Year(s): 1993-2010 NOTE: H-Series Performance with TriArmor Cast Iron Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): W,X								
Main Bearing Set	TM-77	MS-2007HX	STD					
1-2-3-4		MB-3139HX		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140HX(F)		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.8900
For Year(s): 1993-2010 NOTE: H-Series Performance Cast Iron Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): W,X								
Main Bearing Set	TM-77	MS-2007HXK	STD					
1-2-3-4		MB-3139HX		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140HX(F)		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.8900
For Year(s): 1993-2010 NOTE: H-Series Performance with TriArmor Cast Iron Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): W,X								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
7 (cont.)	281 CID (4.6L) SOHC 16V V8 Romeo VIN Codes: 'W' (1991-2008), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				7 (cont.)
	281 CID (4.6L) SOHC 16V V8 Triton (Romeo) VIN Code: 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm				
Main Bearing Set 1-2-3-4 5 5	TM-77	MS-2198H MB-3772H MB-3139W MB-3773H(F)	STD‡,.026mm‡,.25mm‡	2.6568/2.6576 2.6568/2.6576	0.0005/0.0025 0.0005/0.0025	0.0967 0.0967	2.8505/2.8512 2.8505/2.8512	0.7500 0.1151 0.8910
For Year(s): 1993-2010 NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): W <i>(To Be Replaced By MS-2259H)</i>								
Main Bearing Set 1-2-3-4 5 5	TM-77	MS-2198HK MB-3772H MB-3139W MB-3773H(F)	STD,.25mm	2.6568/2.6576 2.6568/2.6576	0.0005/0.0025 0.0005/0.0025	0.0967 0.0967	2.8505/2.8512 2.8505/2.8512	0.7500 0.1151 0.8910
For Year(s): 1993-2010 NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): W <i>(To Be Replaced By MS-2259HK)</i>								
Main Bearing Set 1-2-3-4 5 5	TM-77	MS-2198HX MB-3772HX MB-3139W MB-3773HX(F)	STD‡	2.6568/2.6576 2.6568/2.6576	0.0015/0.0035 0.0015/0.0035	0.0962 0.0962	2.8505/2.8512 2.8505/2.8512	0.7500 0.1151 0.8910
For Year(s): 1993-2010 NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half FOR VIN(S): W <i>(To Be Replaced By MS-2259HX)</i>								
Main Bearing Set 1-2-3-4 5 5	TM-77	MS-2198HXX MB-3772HX MB-3139W MB-3773HX(F)	STD	2.6568/2.6576 2.6568/2.6576	0.0015/0.0035 0.0015/0.0035	0.0962 0.0962	2.8505/2.8512 2.8505/2.8512	0.7500 0.1151 0.8910
For Year(s): 1993-2010 NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness FOR VIN(S): W <i>(To Be Replaced By MS-2259HXX)</i>								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
7 (cont.)	281 CID (4.6L) SOHC 16V V8 Romeo VIN Codes: 'W' (1991-2008), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				7 (cont.)
	281 CID (4.6L) SOHC 16V V8 Triton (Romeo) VIN Code: 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm				
Main Bearing Set	TM-77	MS-2259H	STD,.026mm,.25mm					
1-2-3-4		MB-3841H		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3842H(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.8910
For Year(s): 1993-2010								
NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half								
FOR VIN(S): W								
Main Bearing Set	TM-77	MS-2259HK	STD,.25mm					
1-2-3-4		MB-3841H		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3842H(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.8910
For Year(s): 1993-2010								
NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
FOR VIN(S): W								
Main Bearing Set	TM-77	MS-2259HX	STD					
1-2-3-4		MB-3841HX		2.6567/2.6577	0.0013/0.0038	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3842HX(F)		2.6567/2.6577	0.0013/0.0038	0.0957	2.5804/2.5813	0.8910
For Year(s): 1993-2010								
NOTE: H-Series Performance Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half								
FOR VIN(S): W								
Main Bearing Set	TM-77	MS-2259HXX	STD					
1-2-3-4		MB-3841HX		2.6567/2.6577	0.0013/0.0038	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3842HX(F)		2.6567/2.6577	0.0013/0.0038	0.0957	2.5804/2.5813	0.8910
For Year(s): 1993-2010								
NOTE: H-Series Performance with TriArmor Aluminum Cylinder Block, Romeo Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
FOR VIN(S): W								
Connecting Rod Forging	RFF1AE6205-AD							
Crankshaft Forging	F1AE-AD, F1AE-AE, RFF1AE6306-AD							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
8	281 CID (4.6L) SOHC 16V V8 Triton (Windsor) VIN Codes: '6' (1997-2000, 2002-2003), 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm			8	
	281 CID (4.6L) SOHC 16V V8 Windsor VIN Codes: '6' (1996), 'W' (1993-2010), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				
	330 CID (5.4L) SOHC 16V V8 Triton (Windsor) VIN Codes: 'L' (1997-2010), 'Z' (1998-2004)			3.551"/90.2mm x 4.161"/105.7mm				
	330 CID (5.4L) SOHC 16V SC V8 Triton (Windsor) VIN Code: '3' (1999-2004)			3.551"/90.2mm x 4.161"/105.7mm				
	330 CID (5.4L) SOHC 24V V8 Triton (Windsor) VIN Codes: '5' (2004-2010), 'V' (2006-2010)			3.551"/90.2mm x 4.161"/105.7mm				
	330 CID (5.4L) DOHC 32V V8 InTech VIN Codes: 'A' (1999-2002), 'R' (2001-2004)			3.551"/90.2mm x 4.161"/105.7mm				
Rod Bearing (8)	TM-77	CB-1442H	STD,.026mm,.23mm .25mm,.28mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance No Dowel Hole In Cap Half FOR VIN(S): 5,L,V,W,3,R,X,Z,6,A								
Rod Bearing (8)	TM-77	CB-1442HK	STD	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): 5,L,V,W,3,R,X,Z,6,A								
Rod Bearing (8)	TM-77	CB-1442HX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half FOR VIN(S): 5,L,V,W,3,R,X,Z,6,A								
Rod Bearing (8)	TM-77	CB-1442HXX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): 5,L,V,W,3,R,X,Z,6,A								
Main Bearing Set	TM-77	MS-2202H	STD,.026mm,.25mm					
1		MB-3752H		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139H		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: H-Series Performance Windsor Engine Contains Straight Shell Bearings And 3 Piece Thrust Washer Set Position Number 5 FOR VIN(S): 5,L,V,W,3,R,X,Z,6,A								
Main Bearing Set	TM-77	MS-2202HX	STD					
1		MB-3752HX		2.6567/2.6577	0.0013/0.0042	0.0957	2.8504/2.8513	0.7580
2-3-4-5		MB-3139HX		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: H-Series Performance Windsor Engine, Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Straight Shell Bearings And 3 Piece Thrust Washer Set Position Number 5 FOR VIN(S): 5,L,V,W,3,R,X,Z,6,A								
Connecting Rod Forging	RFF1AE6205-AD							
Crankshaft Forging	F1AE-AD, F1AE-AE, RFF1AE6306-AD							



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								8 CYL
9	302 CID (5.0L) DOHC 32V V8 99F Years: 2011			3.630"/92.2mm x 3.650"/92.7mm				9
	330 CID (5.4L) DOHC 32V SC V8 Windsor VIN Code: 'S' (2005-2009)			3.551"/90.2mm x 4.161"/105.7mm				
Rod Bearing (8)	TM-77	CB-1442H	STD,.026mm,.23mm .25mm,.28mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance No Dowel Hole In Cap Half FOR VIN(S): F,S								
Rod Bearing (8)	TM-77	CB-1442HK	STD	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): F,S								
Rod Bearing (8)	TM-77	CB-1442HX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half FOR VIN(S): F,S								
Rod Bearing (8)	TM-77	CB-1442HXX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half FOR VIN(S): F,S								
10	351 CID (5.8L) 16V V8 Cleveland Years: 1970-1974			4.000"/101.6mm x 3.500"/88.8mm				10
Rod Bearing (8)	TM-77	CB-927HN	STD,10	2.3103/2.3111	0.0001/0.0023	0.0624	2.4361/2.4369	0.6760
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-1010H	STD,1,10	2.7484/2.7492	0.0003/0.0025	0.0961	2.9417/2.9425	0.8800
1-2-4-5		MB-2560H		2.7484/2.7492	0.0003/0.0025	0.0962	2.9417/2.9425	0.8800
3		MB-2561H(F)		2.7484/2.7492	0.0003/0.0025	0.0962	2.9417/2.9425	1.1180
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-1010HK	STD	2.7484/2.7492	0.0003/0.0025	0.0961	2.9417/2.9425	0.8800
1-2-4-5		MB-2560H		2.7484/2.7492	0.0003/0.0025	0.0962	2.9417/2.9425	0.8800
3		MB-2561H(F)		2.7484/2.7492	0.0003/0.0025	0.0962	2.9417/2.9425	1.1180
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-1010HX	STD	2.7484/2.7492	0.0013/0.0035	0.0956	2.9417/2.9425	0.8800
1-2-4-5		MB-2560HX		2.7484/2.7492	0.0013/0.0035	0.0957	2.9417/2.9425	0.8800
3		MB-2561HX(F)		2.7484/2.7492	0.0013/0.0035	0.0957	2.9417/2.9425	1.1180
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-1010HXX	STD	2.7484/2.7492	0.0013/0.0035	0.0956	2.9417/2.9425	0.8800
1-2-4-5		MB-2560HX		2.7484/2.7492	0.0013/0.0035	0.0957	2.9417/2.9425	0.8800
3		MB-2561HX(F)		2.7484/2.7492	0.0013/0.0035	0.0957	2.9417/2.9425	1.1180
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
10 (cont.)	351 CID (5.8L) 16V V8 Cleveland Years: 1970-1974			4.000"/101.6mm x 3.500"/88.8mm				10 (cont.)
Cam Bearing Set	B-1	SH-710S	STD					
1		SH-710		2.1240/2.1250	0.0005/0.0045	0.0619	2.2495/2.2505	0.6700
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700
Connecting Rod Forging DOAE-A								
Crankshaft Forging 4M, 4MA, 4MAB, DOAE-A								
11	351 CID (5.8L) 16V V8 Modified Years: 1975-1982			4.000"/101.6mm x 3.500"/88.8mm				11
	400 CID (6.6L) 16V V8 Years: 1971-1982			4.000"/101.6mm x 4.000"/101.6mm				
Rod Bearing (8)	TM-77	CB-927HN	STD,10	2.3103/2.3111	0.0001/0.0023	0.0624	2.4361/2.4369	0.6760
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-1432H	STD,1‡,9,10,11					
1-2-4-5		MB-2754H		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558H(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
For Year(s): 1977-1982								
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
FOR VIN(S): G,H,Z								
Main Bearing Set	TM-77	MS-1432HK	STD,10					
1-2-4-5		MB-2754H		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558H(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
For Year(s): 1977-1982								
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
FOR VIN(S): G,H,Z								
Main Bearing Set	TM-77	MS-1432HX	STD					
1-2-4-5		MB-2754HX		2.9994/3.0002	0.0015/0.0039	0.0955	3.1922/3.1930	0.8400
3		MB-2558HX(F)		2.9994/3.0002	0.0015/0.0039	0.0955	3.1922/3.1930	1.1330
For Year(s): 1977-1982								
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
FOR VIN(S): G,H,Z								
Main Bearing Set	TM-77	MS-1432HXX	STD					
1-2-4-5		MB-2754HX		2.9994/3.0002	0.0015/0.0039	0.0955	3.1922/3.1930	0.8400
3		MB-2558HX(F)		2.9994/3.0002	0.0015/0.0039	0.0955	3.1922/3.1930	1.1330
For Year(s): 1977-1982								
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
FOR VIN(S): G,H,Z								
Main Bearing Set	TM-77	MS-981H	STD,10					
1-2-4-5		MB-2557H		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558H(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
For Year(s): 1971-1976								
NOTE: H-Series Performance Contains Full Grooved Bearings								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
11 (cont.)	351 CID (5.8L) 16V V8 Modified Years: 1975-1982			4.000"/101.6mm x 3.500"/88.8mm					11 (cont.)
	400 CID (6.6L) 16V V8 Years: 1971-1982			4.000"/101.6mm x 4.000"/101.6mm					
Cam Bearing Set	B-1	SH-710S	STD						
1		SH-710		2.1240/2.1250	0.0005/0.0045	0.0619	2.2495/2.2505	0.6700	
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700	
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700	
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700	
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700	
Connecting Rod Forging D1AE-A									
Crankshaft Forging 1K, 1KA, 5M, 5MA, 5MAB, 5MABC, 8M, D7AE, D7AE-A, SM									
12	351 CID (5.8L) 16V V8 Windsor Years: 1969-1998			4.000"/101.6mm x 3.500"/88.8mm					12
	351 CID (5.8L) 16V V8 Windsor HO Years: 1993-1995			4.000"/101.6mm x 3.500"/88.8mm					
Rod Bearing (8)	TM-77	CB-831HN	STD,1,9,10,11	2.3103/2.3111	0.0002/0.0024	0.0576	2.4265/2.4273	0.6760	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-831HNK	STD,1,10	2.3103/2.3111	0.0002/0.0024	0.0576	2.4265/2.4273	0.6760	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-831HXN	STD	2.3103/2.3111	0.0012/0.0034	0.0571	2.4265/2.4273	0.6760	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-831HXNK	STD	2.3103/2.3111	0.0012/0.0034	0.0571	2.4265/2.4273	0.6760	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Main Bearing Set	TM-77	MS-1432H	STD,1‡,9,10,11						
1-2-4-5		MB-2754H		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558H(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
For Year(s): 1977-1998									
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1432HK	STD,10						
1-2-4-5		MB-2754H		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558H(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
For Year(s): 1977-1998									
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	TM-77	MS-1432HX	STD						
1-2-4-5		MB-2754HX		2.9994/3.0002	0.0015/0.0039	0.0955	3.1922/3.1930	0.8400	
3		MB-2558HX(F)		2.9994/3.0002	0.0015/0.0039	0.0955	3.1922/3.1930	1.1330	
For Year(s): 1977-1998									
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
12 (cont.)	351 CID (5.8L) 16V V8 Windsor Years: 1969-1998			4.000"/101.6mm x 3.500"/88.8mm				12 (cont.)
	351 CID (5.8L) 16V V8 Windsor HO Years: 1993-1995			4.000"/101.6mm x 3.500"/88.8mm				
Main Bearing Set 1-2-4-5 3	TM-77	MS-1432HXX MB-2754HX MB-2558HX(F)	STD	2.9994/3.0002 2.9994/3.0002	0.0015/0.0039 0.0015/0.0039	0.0955 0.0955	3.1922/3.1930 3.1922/3.1930	0.8400 1.1330
For Year(s): 1977-1998 NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2256H MB-3830H	STD,1,10	2.7484/2.7492	0.0001/0.0015	0.0962	2.9417/2.9425	0.8450
NOTE: 351 Cleveland Crankshaft In A Windsor Cylinder Block, Requires Main Bearing Spacer Set, Not Included, H-Series Performance Grooved Upper Half And Plain Lower Half Use with Part Number MS-2254-SEMI, MS-2255-SEMI								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2256HX MB-3830HX	STD	2.7484/2.7492	0.0011/0.0025	0.0957	2.9417/2.9425	0.8450
NOTE: 351 Cleveland Crankshaft In A Windsor Cylinder Block, Requires Main Bearing Spacer Set, Not Included, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Use with Part Number MS-2254-SEMI, MS-2255-SEMI								
Main Bearing Set 1-2-4-5 3	TM-77	MS-981H MB-2557H MB-2558H(F)	STD,10	2.9994/3.0002 2.9994/3.0002	0.0005/0.0029 0.0005/0.0029	0.0960	3.1922/3.1930 3.1922/3.1930	0.8400 1.1330
For Year(s): 1969-1976 NOTE: H-Series Performance Contains Full Grooved Bearings								
Main Bearing Spacer Set 1-2-4-5 3		MS-2254-SEMI MB-3831C MB-3833C(F)	STD			0.1335 0.1375	3.1922/3.1930 3.1922/3.1930	0.8400 1.1330
NOTE: Use With 351 Cleveland SVO Sportsman Crankshaft M6303-E351 In A Windsor Cylinder Block, Requires Special Performance Main Bearing Set Not Included, Contains Semi-Finished Spacer Set Only Use with Part Number MS-2256H, MS-2256HX								
Main Bearing Spacer Set 1-2-4-5 3		MS-2255-SEMI MB-3831C MB-3832C(F)	STD			0.1335 0.1375	3.1922/3.1930 3.1922/3.1930	0.8400 1.1180
NOTE: Use With Factory 351 Cleveland Crankshaft In A Windsor Cylinder Block, Requires Special Performance Main Bearing Set Not Included, Contains Semi-Finished Spacer Set Only Use with Part Number MS-2256H, MS-2256HX								
Cam Bearing Set 1 2 3 4 5	B-1	SH-510S SH-510 SH-511 SH-512 SH-513 SH-514	STD	2.0805/2.0815 2.0655/2.0665 2.0505/2.0515 2.0355/2.0365 2.0205/2.0215	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0608	2.2041/2.2051 2.1890/2.1900 2.1740/2.1750 2.1590/2.1600 2.1440/2.1450	0.6700 0.6700 0.6700 0.6700 0.6700



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
12 (cont.)	351 CID (5.8L) 16V V8 Windsor Years: 1969-1998			4.000"/101.6mm x 3.500"/88.8mm				12 (cont.)
	351 CID (5.8L) 16V V8 Windsor HO Years: 1993-1995			4.000"/101.6mm x 3.500"/88.8mm				
Cam Bearing Set	B-2	SH-1321S	STD					
1		SH-1321		2.0805/2.0815	0.0011/0.0049	0.0602	2.2030/2.2050	0.6650
2		SH-1322		2.0655/2.0665	0.0011/0.0049	0.0602	2.1880/2.1900	0.6650
3		SH-1323		2.0505/2.0515	0.0011/0.0049	0.0602	2.1730/2.1750	0.6650
4		SH-1324		2.0355/2.0365	0.0011/0.0049	0.0602	2.1580/2.1600	0.6650
5		SH-1325		2.0205/2.0215	0.0011/0.0049	0.0602	2.1430/2.1450	0.6650
NOTE: High Strength Material								
Connecting Rod Forging C90E, C90E, D60E, D60E								
Crankshaft Forging 3C, 3M, 3MA, 7M, 7MA, C90E-A, E4AE-BA								
13	370 CID (6.1L) 16V V8 Years: 1980-1991			4.050"/102.9mm x 3.590"/91.2mm				13
	429 CID (7.0L) 16V V8 Thunder Jet Years: 1968-1973			4.360"/110.7mm x 3.590"/91.2mm				
	460 CID (7.5L) 16V V8 HO Years: 1974-1978			4.360"/110.7mm x 3.850"/97.8mm				
	460 CID (7.5L) 16V V8 Years: 1968-1998			4.360"/110.7mm x 3.850"/97.8mm				
Rod Bearing (8)	TM-77	CB-818HN	STD,10,11	2.4992/2.5000	0.0001/0.0023	0.0760	2.6522/2.6530	0.8110
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	B-2	MS-1039MX	STD					
1-2-4-5		MB-2564MX		2.9994/3.0002	0.0016/0.0038	0.0954	3.1922/3.1930	0.9500
3		MB-2565MX(F)		2.9994/3.0002	0.0016/0.0038	0.0954	3.1922/3.1930	1.1200
NOTE: M-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Full Grooved Bearings								
Main Bearing Set	VP-2	MS-1039V	STD,10					
1-2-4-5		MB-2564V		2.9994/3.0002	0.0004/0.0028	0.0958	3.1922/3.1930	0.9500
3		MB-2565V(F)		2.9994/3.0002	0.0004/0.0028	0.0958	3.1922/3.1930	1.1200
NOTE: V-Series Performance with Tri-bore Design Grooved Upper Half And Plain Lower Half								
Cam Bearing Set	B-1	SH-1111S	STD					
1-2-3-4-5		SH-1111		2.1238/2.1248	0.0011/0.0043	0.0618	2.2495/2.2505	0.5850
Cam Bearing Set	B-1	SH-1766S	STD					
1-2-3-4-5		SH-1766		2.1238/2.1248	0.0011/0.0050	0.0694	2.2645/2.2655	0.6300
NOTE: Oversize Align Bored Blocks with Housing Bore Size 2.2645" / 2.2655"								
Connecting Rod Forging C8VE, C8VE-A, D00E-A, D6VE, D9TE								
Crankshaft Forging 1V, 1VA, 1VAB, 1YAB, 2NABC, 2Y, 2Y68-76, 2YA, 2YAB, 2YABC, 30R, 31-87, 31M, 3281N, 329880N, 3Y, 3YAB, 4U, 4UA, 4UAB, 4UB, C8SE-A, C8VE, C8VE-A, C9AE-A, C9AE-B, D9TE-AA, D9TE-B, D9TE-BA, D9TE-EA, H, ZYA								
10 CYL								
14	415 CID (6.8L) SOHC 20V V10 Triton Years: 1997-2009			3.551"/90.2mm x 4.161"/105.7mm				14
	415 CID (6.8L) SOHC 30V V10 Triton Years: 2005-2009			3.551"/90.2mm x 4.161"/105.7mm				
Rod Bearing (10)	TM-77	CB-1442H	STD,.026mm,.23mm .25mm,.28mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
10 CYL (cont.)								
14 (cont.)	415 CID (6.8L) SOHC 20V V10 Triton Years: 1997-2009			3.551"/90.2mm x 4.161"/105.7mm				14 (cont.)
	415 CID (6.8L) SOHC 30V V10 Triton Years: 2005-2009			3.551"/90.2mm x 4.161"/105.7mm				
Rod Bearing (10)	TM-77	CB-1442HK	STD	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Rod Bearing (10)	TM-77	CB-1442HX	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Rod Bearing (10)	TM-77	CB-1442HXK	STD	2.0859/2.0867	0.0021/0.0033	0.0754	2.2388/2.2396	0.8270
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2203H	STD, .026mm, .25mm					
1		MB-3752H		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139H		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
6		MB-3139W						0.1151
NOTE: H-Series Performance Contains Straight Shell Bearings And 3 Piece Thrust Washer Set Position Number 6								
Main Bearing Set	TM-77	MS-2203HX	STD					
1		MB-3752HX		2.6567/2.6577	0.0013/0.0042	0.0957	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139HX		2.6567/2.6577	0.0015/0.0035	0.0957	2.8504/2.8513	0.7580
6		MB-3139W						0.1151
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Straight Shell Bearings And 3 Piece Thrust Washer Set Position Number 6								

GENERAL MOTORS CORP.

ENGINE	YEAR	BORE & STROKE	BLOCK
122 CID (2.0L) DOHC 16V SC L4 Ecotec	2005-2007	3.386"/86.0mm X 3.385"/86.0mm	1
122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec	2007-2009	3.386"/86.0mm X 3.385"/86.0mm	1
134 CID (2.2L) DOHC 16V L4 Ecotec	2002-2010	3.386"/86.0mm X 3.724"/94.6mm	1
145 CID (2.4L) DOHC 16V L4 Ecotec	2006-2010	3.464"/88.0mm X 3.850"/98.0mm	1
145 CID (2.4L) DOHC 16V L4 Ecotec Hybrid	2008-2009	3.464"/88.0mm X 3.850"/98.0mm	1
181 CID (3.0L) 12V V6 Buick	1982-1988	3.800"/96.5mm X 2.660"/67.6mm	2
196 CID (3.2L) 12V V6 Buick	1978-1979	3.500"/88.9mm X 3.400"/84.0mm	2
200 CID (3.3L) 12V V6 Chevrolet	1978-1979	3.500"/88.9mm X 3.484"/88.4mm	3
229 CID (3.8L) 12V V6 Chevrolet	1980-1984	3.736"/95.0mm X 3.484"/88.4mm	3
231 CID (3.8L) 12V V6 Buick	1978-1988	3.800"/96.5mm X 3.400"/86.4mm	2
231 CID (3.8L) 12V Turbo. V6 Buick	1978-1987, 1989	3.800"/96.5mm X 3.400"/86.4mm	2
252 CID (4.1L) 12V V6 Buick	1980-1984	3.965"/100.8mm X 3.400"/86.4mm	2
262 CID (4.3L) 16V V8 Chevrolet	1975-1976	3.670"/93.2mm X 3.100"/78.7mm	4
265 CID (4.3L) 16V V8 Chevrolet	1955-1957	3.750"/95.3mm X 3.000"/76.1mm	5
265 CID (4.3L) 16V V8 Chevrolet	1994-1996	3.736"/95.0mm X 3.000"/76.2mm	4



ENGINE	YEAR	BORE & STROKE	BLOCK
267 CID (4.4L) 16V V8 Chevrolet	1979-1982	3.500"/88.9mm X 3.484"/88.4mm	4
283 CID (4.6L) 16V V8 Chevrolet	1957-1967	3.875"/98.4mm X 3.000"/76.2mm	6
294 CID (4.8L) 16V V8 Vortec	1999-2010	3.780"/96.0mm X 3.268"/83.0mm	7
302 CID (5.0L) 16V V8 Chevrolet	1967-1969	4.000"/101.6mm X 3.000"/76.2mm	8
305 CID (5.0L) 16V V8 Chevrolet	1976-1996	3.736"/95.0mm X 3.484"/88.4mm	4
305 CID (5.0L) 16V V8 Vortec	1996-2002	3.736"/95.0mm X 3.484"/88.4mm	4
307 CID (5.0L) 16V V8 Chevrolet	1968-1973	3.875"/98.4mm X 3.250"/82.6mm	4
325 CID (5.3L) 16V V8	2005-2009	3.780"/96.0mm X 3.622"/92.0mm	9
325 CID (5.3L) 16V V8 Vortec	1999-2010	3.780"/96.0mm X 3.622"/92.0mm	7
325 CID (5.3L) 16V V8 Vortec Hybrid	2004-2007	3.780"/96.0mm X 3.622"/92.0mm	9
326 CID (5.3L) 16V V8 Pontiac	1963-1967	3.719"/94.5mm X 3.750"/95.3mm	10
327 CID (5.4L) 16V V8 Chevrolet	1962-1969	4.000"/101.6mm X 3.250"/82.6mm	8
346 CID (5.7L) 16V V8 Chevrolet	1997-2005	3.898"/99.0mm X 3.622"/92.0mm	7
348 CID (5.7L) 16V V8 Chevrolet	1958-1961	4.125"/104.8mm X 3.250"/82.6mm	11
350 CID (5.7L) 16V V8 Chevrolet	1967-1997	4.000"/101.6mm X 3.484"/88.5mm	4
350 CID (5.7L) 16V V8 Pontiac	1968-1977	3.875"/98.4mm X 3.750"/95.2mm	10
350 CID (5.7L) 16V V8 Vortec	1995-2003	4.000"/101.6mm X 3.484"/88.5mm	4
364 CID (6.0L) 16V V8 Vortec	1999-2010	4.000"/101.6mm X 3.622"/92.0mm	7
364 CID (6.0L) 16V V8 Vortec Hybrid	2008-2009	4.000"/101.6mm X 3.622"/92.0mm	12
366 CID (6.0L) 16V V8 Chevrolet	1966-1967, 1980-1998	3.938"/100.0mm X 3.766"/95.5mm	13
376 CID (6.2L) 16V V8	2008-2010	4.065"/103.3mm X 3.622"/92.0mm	12
376 CID (6.2L) 16V SC V8	2009-2010	4.065"/103.3mm X 3.622"/92.0mm	14
376 CID (6.2L) 16V V8 Vortec	2007-2010	4.065"/103.3mm X 3.622"/92.0mm	12
389 CID (6.4L) 16V V8 Pontiac	1959-1966	4.063"/103.2mm X 3.750"/95.3mm	15
396 CID (6.5L) 16V V8 Chevrolet	1965-1970	4.094"/104.0mm X 3.766"/95.5mm	13
400 CID (6.6L) 16V V8 Chevrolet	1970-1980	4.125"/104.8mm X 3.750"/95.2mm	16
400 CID (6.6L) 16V V8 Oldsmobile	1965-1967	4.000"/101.6mm X 3.980"/101.1mm	17
400 CID (6.6L) 16V V8 Oldsmobile	1968-1969	3.875"/98.4mm X 4.250"/108.0mm	17
400 CID (6.6L) 16V V8 Pontiac	1967-1979	4.120"/104.6mm X 3.750"/95.3mm	10
402 CID (6.6L) 16V V8 Chevrolet	1970-1972	4.125"/104.8mm X 3.766"/95.3mm	18
403 CID (6.6L) 32V Turbo V8 Duramax DIESEL	2001-2009	4.055"/103.0mm X 3.898"/99.0mm	19
409 CID (6.7L) 16V V8 Chevrolet	1961-1965	4.313"/109.5mm X 3.500"/109.6mm	11
421 CID (6.9L) 16V V8 Pontiac	1963-1966	4.094"/104.0mm X 4.000"/101.6mm	20
425 CID (7.0L) 16V V8 Cadillac	1977-1979	4.082"/103.7mm X 4.060"/103.1mm	21
425 CID (7.0L) 16V V8 Oldsmobile	1965-1967	4.125"/104.8mm X 3.980"/101.1mm	17
427 CID (7.0L) 16V V8 Chevrolet	1966-1969, 1980-1998	4.250"/108.0mm X 3.766"/95.7mm	13
427 CID (7.0L) 16V V8	2006-2010	4.125"/104.8mm X 4.000"/101.6mm	14
428 CID (7.0L) 16V V8 Pontiac	1967-1969	4.120"/104.6mm X 4.000"/101.6mm	20
454 CID (7.4L) 16V V8 Chevrolet	1970-1997	4.250"/108.0mm X 4.000"/101.6mm	18
454 CID (7.4L) 16V V8 Vortec	1996-2000	4.250"/108.0mm X 4.000"/101.6mm	18
455 CID (7.5L) 16V V8 Oldsmobile	1968-1976	4.125"/104.8mm X 4.250"/108.0mm	17
455 CID (7.5L) 16V V8 Pontiac	1970-1976	4.151"/105.4mm X 4.210"/107.0mm	20
472 CID (7.7L) 16V V8 Cadillac	1968-1974	4.300"/109.2mm X 4.060"/103.1mm	21
496 CID (8.1L) 16V V8 Vortec	2001-2007	4.250"/108.0mm X 4.370"/111.0mm	22
500 CID (8.2L) 16V V8 Cadillac	1970-1976	4.300"/109.2mm X 4.300"/109.2mm	21

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
121	3.268in/83.0mm	7	1357201	3.400in/86.4mm	2	1377248	3.400in/84.0mm	2
121	3.622in/92.0mm	7	1357333	2.660in/67.6mm	2	1377248	3.400in/86.4mm	2
121	3.622in/92.0mm	9	1357333	3.400in/84.0mm	2	143	3.268in/83.0mm	7
1357201	2.660in/67.6mm	2	1357333	3.400in/86.4mm	2	143	3.622in/92.0mm	7
1357201	3.400in/84.0mm	2	1377248	2.660in/67.6mm	2	143	3.622in/92.0mm	9



CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
201	2.660in/67.6mm	2	3784000	3.484in/88.5mm	4	3933174	3.766in/95.7mm	13
201	3.400in/84.0mm	2	3784000	3.000in/76.1mm	5	3933174	3.766in/95.3mm	18
201	3.400in/86.4mm	2	3784000	3.000in/76.2mm	6	3933174	4.000in/101.6mm	18
220	2.660in/67.6mm	2	3784000	3.000in/76.2mm	8	3946841	3.000in/76.2mm	4
220	3.400in/84.0mm	2	3784000	3.250in/82.6mm	8	3946841	3.100in/78.7mm	4
220	3.400in/86.4mm	2	3795624	3.250in/82.6mm	11	3946841	3.250in/82.6mm	4
222	4.060in/103.1mm	21	3795624	3.500in/109.6mm	11	3946841	3.484in/88.4mm	4
222	4.300in/109.2mm	21	3815281	3.000in/76.2mm	4	3946841	3.484in/88.5mm	4
25509405	2.660in/67.6mm	2	3815281	3.100in/78.7mm	4	3951629	3.750in/95.2mm	16
25509405	3.400in/84.0mm	2	3815281	3.250in/82.6mm	4	397858	3.980in/101.1mm	17
25509405	3.400in/86.4mm	2	3815281	3.484in/88.4mm	4	397858	4.250in/108.0mm	17
278410A	3.898in/99.0mm	19	3815281	3.484in/88.5mm	4	401406	3.980in/101.1mm	17
3185281	3.000in/76.2mm	4	3815281	3.000in/76.1mm	5	401406	4.250in/108.0mm	17
3185281	3.100in/78.7mm	4	3815281	3.000in/76.2mm	6	401456	3.980in/101.1mm	17
3185281	3.250in/82.6mm	4	3815281	3.000in/76.2mm	8	401456	4.250in/108.0mm	17
3185281	3.484in/88.4mm	4	3815281	3.250in/82.6mm	8	408	2.660in/67.6mm	2
3185281	3.484in/88.5mm	4	3837686	3.250in/82.6mm	11	408	3.400in/86.4mm	2
3185281	3.250in/82.6mm	8	3837686	3.500in/109.6mm	11	410999	3.980in/101.1mm	17
3633111	4.060in/103.1mm	21	384759	3.980in/101.1mm	17	410999	4.250in/108.0mm	17
3633111	4.300in/109.2mm	21	384759	4.250in/108.0mm	17	461	2.660in/67.6mm	2
3703526	3.000in/76.2mm	4	3856239	3.766in/95.5mm	13	461	3.400in/86.4mm	2
3703526	3.100in/78.7mm	4	3856239	3.766in/95.7mm	13	529007	3.750in/95.2mm	10
3703526	3.250in/82.6mm	4	3856239	3.766in/95.3mm	18	529007	3.750in/95.3mm	10
3703526	3.484in/88.4mm	4	3856239	4.000in/101.6mm	18	529238	3.750in/95.2mm	10
3703526	3.484in/88.5mm	4	3856240	3.766in/95.5mm	13	529238	3.750in/95.3mm	10
3703526	3.000in/76.1mm	5	3856240	3.766in/95.7mm	13	52938	3.750in/95.2mm	10
3703526	3.000in/76.2mm	6	3856240	3.766in/95.3mm	18	52938	3.750in/95.3mm	10
3703526	3.000in/76.2mm	8	3856240	4.000in/101.6mm	18	532294	3.750in/95.2mm	10
3703526	3.250in/82.6mm	8	3892671	3.000in/76.2mm	4	532294	3.750in/95.3mm	10
3703527	3.000in/76.2mm	4	3892671	3.100in/78.7mm	4	541000	3.750in/95.2mm	10
3703527	3.100in/78.7mm	4	3892671	3.250in/82.6mm	4	541000	3.750in/95.3mm	10
3703527	3.250in/82.6mm	4	3892671	3.484in/88.4mm	4	544956	3.750in/95.2mm	10
3703527	3.484in/88.4mm	4	3892671	3.484in/88.5mm	4	544956	3.750in/95.3mm	10
3703527	3.484in/88.5mm	4	3916396	3.000in/76.2mm	4	673	2.660in/67.6mm	2
3703527	3.000in/76.1mm	5	3916396	3.100in/78.7mm	4	673	3.400in/84.0mm	2
3703527	3.000in/76.2mm	6	3916396	3.250in/82.6mm	4	673	3.400in/86.4mm	2
3703527	3.000in/76.2mm	8	3916396	3.484in/88.4mm	4	763	2.660in/67.6mm	2
3703527	3.250in/82.6mm	8	3916396	3.484in/88.5mm	4	763	3.400in/84.0mm	2
3732717	3.250in/82.6mm	11	3923282	3.000in/76.2mm	4	763	3.400in/86.4mm	2
3732717	3.500in/109.6mm	11	3923282	3.100in/78.7mm	4	779	2.660in/67.6mm	2
3784000	3.000in/76.2mm	4	3923282	3.250in/82.6mm	4	779	3.400in/84.0mm	2
3784000	3.100in/78.7mm	4	3923282	3.484in/88.4mm	4	779	3.400in/86.4mm	2
3784000	3.250in/82.6mm	4	3923282	3.484in/88.5mm	4			
3784000	3.484in/88.4mm	4	3933174	3.766in/95.5mm	13			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
0-191561	3.250in/82.6mm	11	1130	3.250in/82.6mm	8	1182	3.100in/78.7mm	4
0-191561	3.500in/109.6mm	11	1178	3.000in/76.2mm	4	1182	3.250in/82.6mm	4
0819	3.250in/82.6mm	11	1178	3.100in/78.7mm	4	1182	3.484in/88.4mm	4
0819	3.500in/109.6mm	11	1178	3.250in/82.6mm	4	1182	3.484in/88.5mm	4
103427	3.750in/95.2mm	10	1178	3.484in/88.4mm	4	1182	3.250in/82.6mm	8
103427	3.750in/95.3mm	10	1178	3.484in/88.5mm	4	1254083	2.660in/67.6mm	2
1130	3.000in/76.2mm	4	1178	3.000in/76.1mm	5	1254083	3.400in/84.0mm	2
1130	3.100in/78.7mm	4	1178	3.000in/76.2mm	6	1254083	3.400in/86.4mm	2
1130	3.250in/82.6mm	4	1178	3.000in/76.2mm	8	12552216	3.268in/83.0mm	7
1130	3.484in/88.4mm	4	1178	3.250in/82.6mm	8	12552216	3.622in/92.0mm	7
1130	3.484in/88.5mm	4	1182	3.000in/76.2mm	4	12552216	3.622in/92.0mm	9



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
12553482	3.268in/83.0mm	7	230278	3.400in/86.4mm	2	2Y68-76	3.484in/88.5mm	4
12553482	3.622in/92.0mm	7	230331	3.980in/101.1mm	17	306275	3.000in/76.2mm	4
12553482	3.622in/92.0mm	9	230331	4.250in/108.0mm	17	306275	3.100in/78.7mm	4
1255645	2.660in/67.6mm	2	230376	3.000in/76.2mm	4	306275	3.250in/82.6mm	4
1255645	3.400in/84.0mm	2	230376	3.100in/78.7mm	4	306275	3.484in/88.4mm	4
1255645	3.400in/86.4mm	2	230376	3.250in/82.6mm	4	306275	3.484in/88.5mm	4
1255646	2.660in/67.6mm	2	230376	3.484in/88.4mm	4	306276	3.000in/76.2mm	4
1255646	3.400in/84.0mm	2	230376	3.484in/88.5mm	4	306276	3.100in/78.7mm	4
1255646	3.400in/86.4mm	2	230377	3.980in/101.1mm	17	306276	3.250in/82.6mm	4
1255674	2.660in/67.6mm	2	230377	4.250in/108.0mm	17	306276	3.484in/88.4mm	4
1255674	3.400in/84.0mm	2	230378	3.980in/101.1mm	17	306276	3.484in/88.5mm	4
1255674	3.400in/86.4mm	2	230378	4.250in/108.0mm	17	30R	3.000in/76.2mm	4
1255846	2.660in/67.6mm	2	230378	2.660in/67.6mm	2	30R	3.100in/78.7mm	4
1255846	3.400in/84.0mm	2	230378	3.400in/84.0mm	2	30R	3.250in/82.6mm	4
1255846	3.400in/86.4mm	2	230378	3.400in/86.4mm	2	30R	3.484in/88.4mm	4
1255862	2.660in/67.6mm	2	230907	3.980in/101.1mm	17	30R	3.484in/88.5mm	4
1255862	3.400in/84.0mm	2	230907	4.250in/108.0mm	17	31-87	3.000in/76.2mm	4
1255862	3.400in/86.4mm	2	230908	3.980in/101.1mm	17	31-87	3.100in/78.7mm	4
1257125	2.660in/67.6mm	2	230908	4.250in/108.0mm	17	31-87	3.250in/82.6mm	4
1257125	3.400in/84.0mm	2	25505554	2.660in/67.6mm	2	31-87	3.484in/88.4mm	4
1257125	3.400in/86.4mm	2	25505554	3.400in/84.0mm	2	31-87	3.484in/88.5mm	4
1260877	2.660in/67.6mm	2	25505554	3.400in/86.4mm	2	310514	3.000in/76.2mm	4
1260877	3.400in/84.0mm	2	25506397	2.660in/67.6mm	2	310514	3.100in/78.7mm	4
1260877	3.400in/86.4mm	2	25506397	3.400in/84.0mm	2	310514	3.250in/82.6mm	4
1261438	2.660in/67.6mm	2	25506397	3.400in/86.4mm	2	310514	3.484in/88.4mm	4
1261438	3.400in/84.0mm	2	25506818	2.660in/67.6mm	2	310514	3.484in/88.5mm	4
1261438	3.400in/86.4mm	2	25506818	3.400in/84.0mm	2	31M	3.000in/76.2mm	4
1261787	2.660in/67.6mm	2	25506818	3.400in/86.4mm	2	31M	3.100in/78.7mm	4
1261787	3.400in/84.0mm	2	25509404	2.660in/67.6mm	2	31M	3.250in/82.6mm	4
1261787	3.400in/86.4mm	2	25509404	3.400in/84.0mm	2	31M	3.484in/88.4mm	4
135411	3.484in/88.4mm	3	25509404	3.400in/86.4mm	2	31M	3.484in/88.5mm	4
1354N	3.484in/88.4mm	3	25514290	2.660in/67.6mm	2	3279	3.000in/76.2mm	4
1357898	2.660in/67.6mm	2	25514290	3.400in/84.0mm	2	3279	3.100in/78.7mm	4
1357898	3.400in/84.0mm	2	25514290	3.400in/86.4mm	2	3279	3.250in/82.6mm	4
1357898	3.400in/86.4mm	2	25520329	2.660in/67.6mm	2	3279	3.484in/88.4mm	4
1378351	2.660in/67.6mm	2	25520329	3.400in/84.0mm	2	3279	3.484in/88.5mm	4
1378351	3.400in/84.0mm	2	25520329	3.400in/86.4mm	2	3279	3.000in/76.1mm	5
1378351	3.400in/86.4mm	2	2680	3.000in/76.2mm	4	3279	3.000in/76.2mm	6
1378354	2.660in/67.6mm	2	2680	3.100in/78.7mm	4	3279	3.000in/76.2mm	8
1378354	3.400in/84.0mm	2	2680	3.250in/82.6mm	4	3279	3.250in/82.6mm	8
1378354	3.400in/86.4mm	2	2680	3.484in/88.4mm	4	3281N	3.000in/76.2mm	4
143	3.484in/88.4mm	3	2680	3.484in/88.5mm	4	3281N	3.100in/78.7mm	4
1467292	4.060in/103.1mm	21	2680	3.250in/82.6mm	8	3281N	3.250in/82.6mm	4
1467292	4.300in/109.2mm	21	2690	3.000in/76.2mm	4	3281N	3.484in/88.4mm	4
147	3.484in/88.4mm	3	2690	3.100in/78.7mm	4	3281N	3.484in/88.5mm	4
1486424	4.060in/103.1mm	21	2690	3.250in/82.6mm	4	329880N	3.000in/76.2mm	4
1486424	4.300in/109.2mm	21	2690	3.484in/88.4mm	4	329880N	3.100in/78.7mm	4
1495094	4.060in/103.1mm	21	2690	3.484in/88.5mm	4	329880N	3.250in/82.6mm	4
1495094	4.300in/109.2mm	21	275	2.660in/67.6mm	2	329880N	3.484in/88.4mm	4
1495095	4.060in/103.1mm	21	275	3.400in/86.4mm	2	329880N	3.484in/88.5mm	4
1495095	4.300in/109.2mm	21	2NABC	3.000in/76.2mm	4	3521	3.766in/95.3mm	18
1496793	4.060in/103.1mm	21	2NABC	3.100in/78.7mm	4	3521	4.000in/101.6mm	18
1496793	4.300in/109.2mm	21	2NABC	3.250in/82.6mm	4	353039	3.766in/95.3mm	18
1609142R	4.060in/103.1mm	21	2NABC	3.484in/88.4mm	4	353039	4.000in/101.6mm	18
1609142R	4.300in/109.2mm	21	2NABC	3.484in/88.5mm	4	354431	3.000in/76.2mm	4
230277	2.660in/67.6mm	2	2Y68-76	3.000in/76.2mm	4	354431	3.100in/78.7mm	4
230277	3.400in/84.0mm	2	2Y68-76	3.100in/78.7mm	4	354431	3.250in/82.6mm	4
230277	3.400in/86.4mm	2	2Y68-76	3.250in/82.6mm	4	354431	3.484in/88.4mm	4
230278	3.400in/84.0mm	2	2Y68-76	3.484in/88.4mm	4	354431	3.484in/88.5mm	4

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
359730	3.766in/95.3mm	18	3835236TG	3.000in/76.1mm	5	3887114	3.766in/95.5mm	13
359730	4.000in/101.6mm	18	3835236TG	3.000in/76.2mm	6	3887114	3.766in/95.7mm	13
3727449	3.000in/76.1mm	5	3835236TG	3.000in/76.2mm	8	3887114	3.766in/95.3mm	18
3727449	3.000in/76.2mm	6	3836144	3.766in/95.5mm	13	3887114	4.000in/101.6mm	18
3727449	3.000in/76.2mm	8	3836144	3.766in/95.7mm	13	390370	3.980in/101.1mm	17
3727499	3.000in/76.1mm	5	3836144	3.766in/95.3mm	18	390370	4.250in/108.0mm	17
3727499	3.000in/76.2mm	6	3836144	4.000in/101.6mm	18	3904815	3.766in/95.5mm	13
3727499	3.000in/76.2mm	8	3836236	3.000in/76.1mm	5	3904815	3.766in/95.7mm	13
3729449	3.000in/76.1mm	5	3836236	3.000in/76.2mm	6	3904815	3.766in/95.3mm	18
3729449	3.000in/76.2mm	6	3836236	3.000in/76.2mm	8	3904815	4.000in/101.6mm	18
3729449	3.000in/76.2mm	8	3836266	3.000in/76.1mm	5	3904816	3.766in/95.5mm	13
3732444	3.000in/76.2mm	4	3836266	3.000in/76.2mm	6	3904816	3.766in/95.7mm	13
3732444	3.100in/78.7mm	4	3836266	3.000in/76.2mm	8	3904816	3.766in/95.3mm	18
3732444	3.250in/82.6mm	4	3837266	3.000in/76.1mm	5	3904816	4.000in/101.6mm	18
3732444	3.484in/88.4mm	4	3837266	3.000in/76.2mm	6	3911000	3.000in/76.2mm	4
3732444	3.484in/88.5mm	4	3837266	3.000in/76.2mm	8	3911000	3.100in/78.7mm	4
3732692	3.250in/82.6mm	11	3837466	3.250in/82.6mm	11	3911000	3.250in/82.6mm	4
3732692	3.500in/109.6mm	11	3837466	3.500in/109.6mm	11	3911000	3.484in/88.4mm	4
3733223	3.250in/82.6mm	11	3838266	3.000in/76.1mm	5	3911000	3.484in/88.5mm	4
3733223	3.500in/109.6mm	11	3838266	3.000in/76.2mm	6	3911000	3.250in/82.6mm	8
3733226	3.250in/82.6mm	11	3838266	3.000in/76.2mm	8	3911001	3.000in/76.2mm	4
3733226	3.500in/109.6mm	11	3838396	3.250in/82.6mm	11	3911001	3.100in/78.7mm	4
3734627	3.000in/76.1mm	5	3838396	3.500in/109.6mm	11	3911001	3.250in/82.6mm	4
3734627	3.000in/76.2mm	6	384722	3.980in/101.1mm	17	3911001	3.484in/88.4mm	4
3734627	3.000in/76.2mm	8	384722	4.250in/108.0mm	17	3911001	3.484in/88.5mm	4
3735236	3.000in/76.1mm	5	3849847	3.000in/76.1mm	5	3911001	3.250in/82.6mm	8
3735236	3.000in/76.2mm	6	3849847	3.000in/76.2mm	6	3911011	3.000in/76.2mm	4
3735236	3.000in/76.2mm	8	3849847	3.000in/76.2mm	8	3911011	3.100in/78.7mm	4
3741640	3.250in/82.6mm	11	3863144	3.766in/95.5mm	13	3911011	3.250in/82.6mm	4
3741640	3.500in/109.6mm	11	3863144	3.766in/95.7mm	13	3911011	3.484in/88.4mm	4
3741642	3.250in/82.6mm	11	3863144	3.766in/95.3mm	18	3911011	3.484in/88.5mm	4
3741642	3.500in/109.6mm	11	3863144	4.000in/101.6mm	18	3911011	3.250in/82.6mm	8
3782680	3.250in/82.6mm	8	3874874	3.766in/95.5mm	13	391101A	3.000in/76.2mm	4
3782690	3.250in/82.6mm	8	3874874	3.766in/95.7mm	13	391101A	3.100in/78.7mm	4
378354	2.660in/67.6mm	2	3874874	3.766in/95.3mm	18	391101A	3.250in/82.6mm	4
378354	3.400in/84.0mm	2	3874874	4.000in/101.6mm	18	391101A	3.484in/88.4mm	4
378354	3.400in/86.4mm	2	3876764	3.000in/76.1mm	5	391101A	3.484in/88.5mm	4
3788072	3.250in/82.6mm	11	3876764	3.000in/76.2mm	6	391101A	3.250in/82.6mm	8
3788072	3.500in/109.6mm	11	3876764	3.000in/76.2mm	8	3912335	3.000in/76.2mm	4
3795589	3.250in/82.6mm	11	3876768	3.000in/76.1mm	5	3912335	3.100in/78.7mm	4
3795589	3.500in/109.6mm	11	3876768	3.000in/76.2mm	6	3912335	3.250in/82.6mm	4
3804816	3.766in/95.5mm	13	3876768	3.000in/76.2mm	8	3912335	3.484in/88.4mm	4
3804816	3.766in/95.7mm	13	3882841	3.750in/95.2mm	16	3912335	3.484in/88.5mm	4
3804816	3.766in/95.3mm	18	3882842	3.766in/95.5mm	13	3914681	3.000in/76.2mm	4
3804816	4.000in/101.6mm	18	3882842	3.766in/95.7mm	13	3914681	3.100in/78.7mm	4
3815822	3.250in/82.6mm	8	3882842	3.766in/95.3mm	18	3914681	3.250in/82.6mm	4
3824544	3.250in/82.6mm	11	3882842	4.000in/101.6mm	18	3914681	3.484in/88.4mm	4
3824544	3.500in/109.6mm	11	3882847	3.766in/95.5mm	13	3914681	3.484in/88.5mm	4
3824553	3.250in/82.6mm	11	3882847	3.766in/95.7mm	13	3914681	3.250in/82.6mm	8
3824553	3.500in/109.6mm	11	3882847	3.766in/95.3mm	18	3914682	3.000in/76.2mm	4
3824554	3.250in/82.6mm	11	3882847	4.000in/101.6mm	18	3914682	3.100in/78.7mm	4
3824554	3.500in/109.6mm	11	3882848	3.766in/95.5mm	13	3914682	3.250in/82.6mm	4
3829027	3.250in/82.6mm	11	3882848	3.766in/95.7mm	13	3914682	3.484in/88.4mm	4
3829027	3.500in/109.6mm	11	3882848	3.766in/95.3mm	18	3914682	3.484in/88.5mm	4
3832442	3.000in/76.2mm	4	3882848	4.000in/101.6mm	18	3914682	3.250in/82.6mm	8
3832442	3.100in/78.7mm	4	3882849	3.766in/95.5mm	13	3930809	3.000in/76.2mm	4
3832442	3.250in/82.6mm	4	3882849	3.766in/95.7mm	13	3930809	3.100in/78.7mm	4
3832442	3.484in/88.4mm	4	3882849	3.766in/95.3mm	18	3930809	3.250in/82.6mm	4
3832442	3.484in/88.5mm	4	3882849	4.000in/101.6mm	18	3930809	3.484in/88.4mm	4



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
3930809	3.484in/88.5mm	4	405954	3.980in/101.1mm	17	732	2.660in/67.6mm	2
3930809	3.250in/82.6mm	8	405954	4.250in/108.0mm	17	732	3.400in/86.4mm	2
3932444	3.000in/76.2mm	4	4568749	3.000in/76.2mm	4	7416	3.766in/95.3mm	18
3932444	3.100in/78.7mm	4	4568749	3.100in/78.7mm	4	7416	4.000in/101.6mm	18
3932444	3.250in/82.6mm	4	4568749	3.250in/82.6mm	4	8767	2.660in/67.6mm	2
3932444	3.484in/88.4mm	4	4568749	3.484in/88.4mm	4	8767	3.400in/86.4mm	2
3932444	3.484in/88.5mm	4	4568749	3.484in/88.5mm	4	9115	3.766in/95.5mm	13
3941172	3.000in/76.2mm	4	4577	3.000in/76.2mm	4	9115	3.766in/95.7mm	13
3941172	3.100in/78.7mm	4	4577	3.100in/78.7mm	4	9115	3.766in/95.3mm	18
3941172	3.250in/82.6mm	4	4577	3.250in/82.6mm	4	9115	4.000in/101.6mm	18
3941172	3.484in/88.4mm	4	4577	3.484in/88.4mm	4	9770488	4.000in/101.6mm	20
3941172	3.484in/88.5mm	4	4577	3.484in/88.5mm	4	9770488	4.210in/107.0mm	20
3941172	3.250in/82.6mm	8	4577	3.250in/82.6mm	8	9773382	3.750in/95.2mm	10
3941174	3.000in/76.2mm	4	4672	3.000in/76.2mm	4	9773382	3.750in/95.3mm	10
3941174	3.100in/78.7mm	4	4672	3.100in/78.7mm	4	9773383	3.750in/95.2mm	10
3941174	3.250in/82.6mm	4	4672	3.250in/82.6mm	4	9773383	3.750in/95.3mm	10
3941174	3.484in/88.4mm	4	4672	3.484in/88.4mm	4	9773384	4.000in/101.6mm	20
3941174	3.484in/88.5mm	4	4672	3.484in/88.5mm	4	9773384	4.210in/107.0mm	20
3941174	3.250in/82.6mm	8	4672	3.250in/82.6mm	8	9773524	3.750in/95.2mm	10
3941180	3.766in/95.5mm	13	4813	3.750in/95.2mm	10	9773524	3.750in/95.3mm	10
3941180	3.766in/95.7mm	13	4813	3.750in/95.3mm	10	9773573	3.750in/95.2mm	10
3941180	3.766in/95.3mm	18	481379	3.750in/95.2mm	10	9773573	3.750in/95.3mm	10
3941180	4.000in/101.6mm	18	481379	3.750in/95.3mm	10	9782646	3.750in/95.2mm	10
3941184	3.000in/76.2mm	4	481380	3.750in/95.2mm	10	9782646	3.750in/95.3mm	10
3941184	3.100in/78.7mm	4	481380	3.750in/95.3mm	10	9782769	4.000in/101.6mm	20
3941184	3.250in/82.6mm	4	493654	3.750in/95.2mm	10	9782769	4.210in/107.0mm	20
3941184	3.484in/88.4mm	4	493654	3.750in/95.3mm	10	9782770	3.750in/95.2mm	10
3941184	3.484in/88.5mm	4	496452	3.750in/95.2mm	10	9782770	3.750in/95.3mm	10
3942411	3.766in/95.5mm	13	496452	3.750in/95.3mm	10	9783785	3.750in/95.2mm	10
3942411	3.766in/95.7mm	13	496453	4.000in/101.6mm	20	9783785	3.750in/95.3mm	10
3942411	3.766in/95.3mm	18	496453	4.210in/107.0mm	20	9783786	3.750in/95.2mm	10
3942411	4.000in/101.6mm	18	531369	3.750in/95.2mm	10	9783786	3.750in/95.3mm	10
3951528	3.750in/95.2mm	16	531369	3.750in/95.3mm	10	9783787	4.000in/101.6mm	20
3951529D	3.750in/95.2mm	16	541585	3.750in/95.2mm	10	9783787	4.210in/107.0mm	20
3962523	3.766in/95.3mm	18	541585	3.750in/95.3mm	10	9793573	3.750in/95.2mm	10
3962523	4.000in/101.6mm	18	542990	4.000in/101.6mm	20	9793573	3.750in/95.3mm	10
3963523	3.766in/95.3mm	18	542990	4.210in/107.0mm	20	9794054	3.750in/95.2mm	10
3963523	4.000in/101.6mm	18	544191	3.750in/95.2mm	10	9794054	3.750in/95.3mm	10
3963524	3.766in/95.3mm	18	544191	3.750in/95.3mm	10	97954	3.750in/95.2mm	10
3963524	4.000in/101.6mm	18	5782680	3.250in/82.6mm	8	97954	3.750in/95.3mm	10
3967463	3.766in/95.3mm	18	584722	3.980in/101.1mm	17	9795479	3.750in/95.2mm	10
3967463	4.000in/101.6mm	18	584722	4.250in/108.0mm	17	9795479	3.750in/95.3mm	10
397303	3.980in/101.1mm	17	6223	3.766in/95.5mm	13	9799103	4.000in/101.6mm	20
397303	4.250in/108.0mm	17	6223	3.766in/95.7mm	13	9799103	4.210in/107.0mm	20
397363	3.980in/101.1mm	17	6223	3.766in/95.3mm	18	N353039	3.766in/95.3mm	18
397363	4.250in/108.0mm	17	6223	4.000in/101.6mm	18	N353039	4.000in/101.6mm	18
3975945	3.766in/95.3mm	18	6764	3.000in/76.1mm	5	N853039	3.766in/95.3mm	18
3975945	4.000in/101.6mm	18	6764	3.000in/76.2mm	6	N853039	4.000in/101.6mm	18
400934	3.980in/101.1mm	17	6764	3.000in/76.2mm	8	N853638	3.766in/95.3mm	18
400934	4.250in/108.0mm	17	7115	3.766in/95.5mm	13	N853638	4.000in/101.6mm	18
403707	3.980in/101.1mm	17	7115	3.766in/95.7mm	13	O-191561	3.250in/82.6mm	11
403707	4.250in/108.0mm	17	7115	3.766in/95.3mm	18	O-191561	3.500in/109.6mm	11
404	2.660in/67.6mm	2	7115	4.000in/101.6mm	18			
404	3.400in/86.4mm	2	726N	3.484in/88.4mm	3			

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	122 CID (2.0L) DOHC 16V SC L4 Ecotec			3.386"/86.0mm x 3.385"/86.0mm				1
	Years: 2005-2007							
	122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec			3.386"/86.0mm x 3.385"/86.0mm				
	Years: 2007-2009							
	134 CID (2.2L) DOHC 16V L4 Ecotec			3.386"/86.0mm x 3.724"/94.6mm				
Years: 2002-2010								
145 CID (2.4L) DOHC 16V L4 Ecotec			3.464"/88.0mm x 3.850"/98.0mm					
Years: 2006-2010								
145 CID (2.4L) DOHC 16V L4 Ecotec Hybrid			3.464"/88.0mm x 3.850"/98.0mm					
Years: 2008-2009								
Rod Bearing (4)	TM-77	CB-1827H	STD,1,10	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1827HX	STD	1.9291/1.9297	0.0014/0.0032	0.0604	2.0519/2.0525	0.7980
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
6 CYL								
2	181 CID (3.0L) 12V V6 Buick			3.800"/96.5mm x 2.660"/67.6mm				2
	Years: 1982-1988							
	196 CID (3.2L) 12V V6 Buick			3.500"/88.9mm x 3.400"/84.0mm				
	Years: 1978-1979							
	231 CID (3.8L) 12V V6 Buick			3.800"/96.5mm x 3.400"/86.4mm				
Years: 1978-1988								
231 CID (3.8L) 12V Turbo. V6 Buick			3.800"/96.5mm x 3.400"/86.4mm					
Years: 1978-1987, 1989								
252 CID (4.1L) 12V V6 Buick			3.965"/100.8mm x 3.400"/86.4mm					
Years: 1980-1984								
Rod Bearing (6)	TM-77	CB-1398H	STD,1,10	2.2480/2.2485	0.0015/0.0033	0.0619	2.3738/2.3745	0.7420
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (6)	TM-77	CB-1398HX	STD	2.2480/2.2485	0.0025/0.0043	0.0614	2.3738/2.3745	0.7420
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Rod Bearing (6)	VP-2	CB-1398V	STD	2.2480/2.2485	0.0015/0.0033	0.0619	2.3738/2.3745	0.7380
NOTE: V-Series Performance No Dowel Hole In Cap Half								
Cam Bearing (4)	B-1	SH-1360	STD	1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
Connecting Rod Forging	1357201, 1357333, 1377248, 201, 220, 25509405, 408, 461, 673, 763, 779							
Crankshaft Forging	1254083, 1255645, 1255646, 1255674, 1255846, 1255862, 1257125, 1260877, 1261438, 1261787, 1357898, 1378351, 1378354, 230277, 230278, 230378, 25505554, 25506397, 25506818, 25509404, 25514290, 25520329, 275, 378354, 404, 732, 8767							
3	200 CID (3.3L) 12V V6 Chevrolet			3.500"/88.9mm x 3.484"/88.4mm				3
	Years: 1978-1979							
229 CID (3.8L) 12V V6 Chevrolet			3.736"/95.0mm x 3.484"/88.4mm					
Years: 1980-1984								
Rod Bearing (6)	TM-77	CB-1227H	STD,1	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (6)	TM-77	CB-1227HX	STD	2.0990/2.1000	0.0013/0.0043	0.0617	2.2247/2.2257	0.7130
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL (cont.)									
3 (cont.)	200 CID (3.3L) 12V V6 Chevrolet Years: 1978-1979			3.500"/88.9mm x 3.484"/88.4mm					3 (cont.)
	229 CID (3.8L) 12V V6 Chevrolet Years: 1980-1984			3.736"/95.0mm x 3.484"/88.4mm					
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40						
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
NOTE: Grooved Upper Half And Plain Lower Half									
Cam Bearing Set	B-1	SH-1350S	STD						
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
3		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
Crankshaft Forging	135411, 1354N, 143, 147, 726N								
8 CYL									
4	262 CID (4.3L) 16V V8 Chevrolet Years: 1975-1976			3.670"/93.2mm x 3.100"/78.7mm					4
	265 CID (4.3L) 16V V8 Chevrolet Years: 1994-1996			3.736"/95.0mm x 3.000"/76.2mm					
	267 CID (4.4L) 16V V8 Chevrolet Years: 1979-1982			3.500"/88.9mm x 3.484"/88.4mm					
	305 CID (5.0L) 16V V8 Chevrolet Years: 1976-1996			3.736"/95.0mm x 3.484"/88.4mm					
	305 CID (5.0L) 16V V8 Vortec Years: 1996-2002			3.736"/95.0mm x 3.484"/88.4mm					
	307 CID (5.0L) 16V V8 Chevrolet Years: 1968-1973			3.875"/98.4mm x 3.250"/82.6mm					
	350 CID (5.7L) 16V V8 Chevrolet Years: 1967-1997			4.000"/101.6mm x 3.484"/88.5mm					
	350 CID (5.7L) 16V V8 Vortec Years: 1995-2003			4.000"/101.6mm x 3.484"/88.5mm					
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19,20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HНК	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
4 (cont.)	262 CID (4.3L) 16V V8 Chevrolet Years: 1975-1976			3.670"/93.2mm x 3.100"/78.7mm					4 (cont.)
	265 CID (4.3L) 16V V8 Chevrolet Years: 1994-1996			3.736"/95.0mm x 3.000"/76.2mm					
	267 CID (4.4L) 16V V8 Chevrolet Years: 1979-1982			3.500"/88.9mm x 3.484"/88.4mm					
	305 CID (5.0L) 16V V8 Chevrolet Years: 1976-1996			3.736"/95.0mm x 3.484"/88.4mm					
	305 CID (5.0L) 16V V8 Vortec Years: 1996-2002			3.736"/95.0mm x 3.484"/88.4mm					
	307 CID (5.0L) 16V V8 Chevrolet Years: 1968-1973			3.875"/98.4mm x 3.250"/82.6mm					
	350 CID (5.7L) 16V V8 Chevrolet Years: 1967-1997			4.000"/101.6mm x 3.484"/88.5mm					
	350 CID (5.7L) 16V V8 Vortec Years: 1995-2003			4.000"/101.6mm x 3.484"/88.5mm					
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Main Bearing Set	TM-77	MS-909H	STD,1,9,10,11,19						
1-2-3-4		MB-2508H	20,21,30	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2509H(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
4 (cont.)	262 CID (4.3L) 16V V8 Chevrolet Years: 1975-1976			3.670"/93.2mm x 3.100"/78.7mm					4 (cont.)
	265 CID (4.3L) 16V V8 Chevrolet Years: 1994-1996			3.736"/95.0mm x 3.000"/76.2mm					
	267 CID (4.4L) 16V V8 Chevrolet Years: 1979-1982			3.500"/88.9mm x 3.484"/88.4mm					
	305 CID (5.0L) 16V V8 Chevrolet Years: 1976-1996			3.736"/95.0mm x 3.484"/88.4mm					
	305 CID (5.0L) 16V V8 Vortec Years: 1996-2002			3.736"/95.0mm x 3.484"/88.4mm					
	307 CID (5.0L) 16V V8 Chevrolet Years: 1968-1973			3.875"/98.4mm x 3.250"/82.6mm					
	350 CID (5.7L) 16V V8 Chevrolet Years: 1967-1997			4.000"/101.6mm x 3.484"/88.5mm					
	350 CID (5.7L) 16V V8 Vortec Years: 1995-2003			4.000"/101.6mm x 3.484"/88.5mm					
Main Bearing Set	TM-77	MS-909HG	STD						
1-2-3-4		MB-2508HG		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2509HG(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
NOTE: H-Series Performance Contains Full Grooved Bearings									
Main Bearing Set	TM-77	MS-909HK	STD,1,10						
1-2-3-4		MB-2508H		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2509H(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	TM-77	MS-909HX	STD						
1-2-3-4		MB-2508HX		2.4483/2.4493	0.0016/0.0046	0.0950	2.6406/2.6416	0.8070	
5		MB-2509HX(F)		2.4478/2.4488	0.0021/0.0051	0.0950	2.6406/2.6416	1.7180	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-909HXK	STD						
1-2-3-4		MB-2508HX		2.4483/2.4493	0.0016/0.0046	0.0950	2.6406/2.6416	0.8070	
5		MB-2509HX(F)		2.4478/2.4488	0.0021/0.0051	0.0950	2.6406/2.6416	1.7180	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	VP-2	MS-909V	STD,10						
1-2-3-4		MB-2508V		2.4484/2.4493	0.0005/0.0028	0.0955	2.6406/2.6416	0.8070	
5		MB-2509V(F)		2.4479/2.4488	0.0005/0.0028	0.0955	2.6406/2.6416	1.7180	
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1110H	STD,1,10						
1-2-3-4		MB-2650H		2.2983/2.2993	0.0005/0.0031	0.1705	2.6406/2.6416	0.8070	
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180	
5		MB-2651C				0.0753	2.6406/2.6416	1.5200	
NOTE: Engine Using 283 Crankshaft, H-Series Performance Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
4 (cont.)	262 CID (4.3L) 16V V8 Chevrolet Years: 1975-1976			3.670"/93.2mm x 3.100"/78.7mm				4 (cont.)
	265 CID (4.3L) 16V V8 Chevrolet Years: 1994-1996			3.736"/95.0mm x 3.000"/76.2mm				
	267 CID (4.4L) 16V V8 Chevrolet Years: 1979-1982			3.500"/88.9mm x 3.484"/88.4mm				
	305 CID (5.0L) 16V V8 Chevrolet Years: 1976-1996			3.736"/95.0mm x 3.484"/88.4mm				
	305 CID (5.0L) 16V V8 Vortec Years: 1996-2002			3.736"/95.0mm x 3.484"/88.4mm				
	307 CID (5.0L) 16V V8 Chevrolet Years: 1968-1973			3.875"/98.4mm x 3.250"/82.6mm				
	350 CID (5.7L) 16V V8 Chevrolet Years: 1967-1997			4.000"/101.6mm x 3.484"/88.5mm				
	350 CID (5.7L) 16V V8 Vortec Years: 1995-2003			4.000"/101.6mm x 3.484"/88.5mm				
Main Bearing Set 1-2-3-4 5 5	TM-77 MS-1110HK MB-2650H MB-1769H(F) MB-2651C	STD,1,10		2.2983/2.2993 2.2978/2.2988	0.0005/0.0031 0.0010/0.0036	0.1705 0.0954 0.0753	2.6406/2.6416 2.4906/2.4916 2.6406/2.6416	0.8070 1.7180 1.5200
NOTE: Engine Using 283 Crankshaft, H-Series Performance with TriArmor Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half								
Main Bearing Set 1-2-3-4 5 5	TM-77 MS-1110HX MB-2650HX MB-1769HX(F) MB-2651C	STD		2.2983/2.2993 2.2978/2.2988	0.0015/0.0041 0.0020/0.0046	0.1700 0.0949 0.0753	2.6406/2.6416 2.4906/2.4916 2.6406/2.6416	0.8070 1.7180 1.5200
NOTE: Engine Using 283 Crankshaft, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half								
Main Bearing Set 1-2-3-4 5 5	TM-77 MS-1110HXX MB-2650HX MB-1769HX(F) MB-2651C	STD		2.2983/2.2993 2.2978/2.2988	0.0015/0.0041 0.0020/0.0046	0.1700 0.0949 0.0753	2.6406/2.6416 2.4906/2.4916 2.6406/2.6416	0.8070 1.7180 1.5200
NOTE: Engine Using 283 Crankshaft, H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half								
Main Bearing	TM-77	MB-1769HX	STD	2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
NOTE: Engine Using 283 Crankshaft, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half								
Main Bearing	TM-77	MB-2509H-1	STD	2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
NOTE: H-Series Performance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half								
Main Bearing	TM-77	MB-2509HX	STD	2.4478/2.4488	0.0021/0.0051	0.0950	2.6406/2.6416	1.7180
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half								



COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
8 CYL (cont.)										
4 (cont.)	262 CID (4.3L) 16V V8 Chevrolet Years: 1975-1976			3.670"/93.2mm x 3.100"/78.7mm					4 (cont.)	
	265 CID (4.3L) 16V V8 Chevrolet Years: 1994-1996			3.736"/95.0mm x 3.000"/76.2mm						
	267 CID (4.4L) 16V V8 Chevrolet Years: 1979-1982			3.500"/88.9mm x 3.484"/88.4mm						
	305 CID (5.0L) 16V V8 Chevrolet Years: 1976-1996			3.736"/95.0mm x 3.484"/88.4mm						
	305 CID (5.0L) 16V V8 Vortec Years: 1996-2002			3.736"/95.0mm x 3.484"/88.4mm						
	307 CID (5.0L) 16V V8 Chevrolet Years: 1968-1973			3.875"/98.4mm x 3.250"/82.6mm						
	350 CID (5.7L) 16V V8 Chevrolet Years: 1967-1997			4.000"/101.6mm x 3.484"/88.5mm						
	350 CID (5.7L) 16V V8 Vortec Years: 1995-2003			4.000"/101.6mm x 3.484"/88.5mm						
Cam Bearing Set	B-2	SH-1349S	STD							
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450		
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450		
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450		
Cam Bearing Set	B-2	SH-1772S	STD							
1		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450		
2-3-4-5		SH-400		1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.8700		
NOTE: Aluminum Cylinder Block										
Cam Bearing Set	B-2	SH-1796S	STD							
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450		
NOTE: Oversize Align Bored Blocks with Housing Bore Size 1.9990" / 2.0010"										
Connecting Rod Forging	3185281, 3703526, 3703527, 3784000, 3815281, 3892671, 3916396, 3923282, 3946841									
Crankshaft Forging	1130, 1178, 1182, 230376, 2680, 2690, 2NABC, 2Y68-76, 306275, 306276, 30R, 31-87, 310514, 31M, 3279, 3281N, 329880N, 354431, 3732444, 3832442, 3911000, 3911001, 3911011, 391101A, 3912335, 3914681, 3914682, 3930809, 3932444, 3941172, 3941174, 3941184, 4568749, 4577, 4672									
5	265 CID (4.3L) 16V V8 Chevrolet Years: 1955-1957			3.750"/95.3mm x 3.000"/76.1mm					5	
	Rod Bearing (8)	TM-77	CB-745HN	STD,1,10,20,30	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252		0.7920
	NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
	Rod Bearing (8)	TM-77	CB-745HND	STD,10	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252		0.7920
	NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-745HNDK	STD [•] ,10 [•]	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920		
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance										
Rod Bearing (8)	TM-77	CB-745HNK	STD,1,10	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920		
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half										

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
5 (cont.)	265 CID (4.3L) 16V V8 Chevrolet Years: 1955-1957			3.750"/95.3mm x 3.000"/76.1mm				5 (cont.)
Rod Bearing (8)	TM-77	CB-745HXN	STD	1.9990/2.0000	0.0014/0.0035	0.0616	2.1247/2.1252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-745HXNK	STD	1.9990/2.0000	0.0014/0.0035	0.0616	2.1247/2.1252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-745VN	STD,1	1.9990/2.0000	0.0010/0.0031	0.0620	2.1247/2.1252	0.7920
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-745VXN	STD	1.9990/2.0000	0.0020/0.0041	0.0615	2.1247/2.1252	0.7920
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-1272P	STD	1.9990/2.0000	0.0010/0.0035	0.0611	2.1247/2.1252	0.8420
Lower		CB-1272P(L)		1.9990/2.0000	0.0010/0.0035	0.0631	2.1247/2.1252	0.8420
Upper		CB-1272P(U)						
NOTE: P-Series Performance with Patented DELTAWALL Design No Dowel Hole In Cap Half, Upper And Lower Halves Not Interchangeable								
Main Bearing Set	TM-77	MS-429H	STD,1,10	2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
1-2-3-4		MB-1808H		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
5		MB-1769H(F)						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-429HK	STD,10	2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
1-2-3-4		MB-1808H		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
5		MB-1769H(F)						
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-429HX	STD	2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
1-2-3-4		MB-1808HX		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
5		MB-1769HX(F)						
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-429H XK	STD	2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
1-2-3-4		MB-1808HX		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
5		MB-1769HX(F)						
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	VP-2	MS-429V	STD	2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
1-2-3-4		MB-1808V		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
5		MB-1769V(F)						
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
5 (cont.)	265 CID (4.3L) 16V V8 Chevrolet Years: 1955-1957			3.750"/95.3mm x 3.000"/76.1mm				5 (cont.)
Main Bearing Set 1-2-3-4 5	VP-2	MS-429VG MB-1808VG MB-1769VG(F)	STD	2.2983/2.2993 2.2978/2.2988	0.0003/0.0031 0.0010/0.0036	0.0954 0.0954	2.4906/2.4916 2.4906/2.4916	0.8070 1.7180
NOTE: V-Series Performance Contains Full Grooved Bearings								
Main Bearing Set 1-2-3-4 5	VP-2	MS-429VX MB-1808VX MB-1769VX(F)	STD	2.2983/2.2993 2.2978/2.2988	0.0013/0.0041 0.0020/0.0046	0.0949 0.0949	2.4906/2.4916 2.4906/2.4916	0.8070 1.7180
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing 1 2 3-4 5	TM-77	MB-1769HX SH-290 SH-288 SH-287 SH-289	STD	2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half								
Cam Bearing Set 1 2 3-4 5	B-1	SH-287S SH-290 SH-288 SH-287 SH-289	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644 0.0694	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010 2.0090/2.0110	0.7500 0.7500 0.7500 0.9500
Connecting Rod Forging	3703526, 3703527, 3784000, 3815281							
Crankshaft Forging	1178, 3279, 3727449, 3727499, 3729449, 3734627, 3735236, 3835236TG, 3836236, 3836266, 3837266, 3838266, 3849847, 3876764, 3876768, 6764							
6	283 CID (4.6L) 16V V8 Chevrolet Years: 1957-1967			3.875"/98.4mm x 3.000"/76.2mm				6
Rod Bearing (8) NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-745HN	STD,1,10,20,30	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
Rod Bearing (8) NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance	TM-77	CB-745HND	STD,10	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
Rod Bearing (8) NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance	TM-77	CB-745HNDK	STD,10*	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
Rod Bearing (8) NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-745HNK	STD,1,10	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
Rod Bearing (8) NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half	TM-77	CB-745HXN	STD	1.9990/2.0000	0.0014/0.0035	0.0616	2.1247/2.1252	0.7920

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
6 (cont.)	283 CID (4.6L) 16V V8 Chevrolet Years: 1957-1967			3.875"/98.4mm x 3.000"/76.2mm				6 (cont.)
Rod Bearing (8)	TM-77	CB-745HXNK	STD	1.9990/2.0000	0.0014/0.0035	0.0616	2.1247/2.1252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-745VN	STD,1	1.9990/2.0000	0.0010/0.0031	0.0620	2.1247/2.1252	0.7920
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-745VXN	STD	1.9990/2.0000	0.0020/0.0041	0.0615	2.1247/2.1252	0.7920
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-1272P	STD	1.9990/2.0000	0.0010/0.0035	0.0611	2.1247/2.1252	0.8420
Lower		CB-1272P(L)		1.9990/2.0000	0.0010/0.0035	0.0631	2.1247/2.1252	0.8420
Upper		CB-1272P(U)						
NOTE: P-Series Performance with Patented DELTAWALL Design No Dowel Hole In Cap Half, Upper And Lower Halves Not Interchangeable								
Main Bearing Set	TM-77	MS-429H	STD,1,10					
1-2-3-4		MB-1808H		2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-429HK	STD,10					
1-2-3-4		MB-1808H		2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-429HX	STD					
1-2-3-4		MB-1808HX		2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
5		MB-1769HX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-429HXX	STD					
1-2-3-4		MB-1808HX		2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
5		MB-1769HX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	VP-2	MS-429V	STD					
1-2-3-4		MB-1808V		2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
5		MB-1769V(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	VP-2	MS-429VG	STD					
1-2-3-4		MB-1808VG		2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
5		MB-1769VG(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
NOTE: V-Series Performance Contains Full Grooved Bearings								



COUNTER DATA					SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
8 CYL (cont.)										
6 (cont.)	283 CID (4.6L) 16V V8 Chevrolet Years: 1957-1967			3.875"/98.4mm x 3.000"/76.2mm					6 (cont.)	
Main Bearing Set	VP-2	MS-429VX	STD							
1-2-3-4		MB-1808VX		2.2983/2.2993	0.0013/0.0041	0.0949	2.4906/2.4916	0.8070		
5		MB-1769VX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180		
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half										
Main Bearing	TM-77	MB-1769HX	STD	2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180		
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half										
Cam Bearing Set	B-2	SH-1349S	STD							
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450		
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450		
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450		
For Year(s): 1964-1967										
Cam Bearing Set	B-2	SH-1796S	STD							
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450		
For Year(s): 1964-1967										
NOTE: Oversize Align Bored Blocks with Housing Bore Size 1.9990" / 2.0010"										
Cam Bearing Set	B-1	SH-287S	STD							
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500		
2		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500		
3-4		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500		
5		SH-289		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.9500		
For Year(s): 1957-1963										
Connecting Rod Forging	3703526, 3703527, 3784000, 3815281									
Crankshaft Forging	1178, 3279, 3727449, 3727499, 3729449, 3734627, 3735236, 3835236TG, 3836236, 3836266, 3837266, 3838266, 3849847, 3876764, 3876768, 6764									
7	294 CID (4.8L) 16V V8 Vortec Years: 1999-2010			3.780"/96.0mm x 3.268"/83.0mm					7	
	325 CID (5.3L) 16V V8 Vortec Years: 1999-2010			3.780"/96.0mm x 3.622"/92.0mm						
	346 CID (5.7L) 16V V8 Chevrolet Years: 1997-2005			3.898"/99.0mm x 3.622"/92.0mm						
	364 CID (6.0L) 16V V8 Vortec Years: 1999-2010			4.000"/101.6mm x 3.622"/92.0mm						
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19 20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920		
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half										
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920		
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance										
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920		
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance										



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
7 (cont.)	294 CID (4.8L) 16V V8 Vortec Years: 1999-2010			3.780"/96.0mm x 3.268"/83.0mm					7 (cont.)
	325 CID (5.3L) 16V V8 Vortec Years: 1999-2010			3.780"/96.0mm x 3.622"/92.0mm					
	346 CID (5.7L) 16V V8 Chevrolet Years: 1997-2005			3.898"/99.0mm x 3.622"/92.0mm					
	364 CID (6.0L) 16V V8 Vortec Years: 1999-2010			4.000"/101.6mm x 3.622"/92.0mm					
Rod Bearing (8)	TM-77	CB-663HNC	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Main Bearing Set	TM-77	MS-2199H	STD,1,10	2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050	
1-2-4-5		MB-3591H		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050	
3		MB-3592H(F)		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	1.0280	
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
7 (cont.)	294 CID (4.8L) 16V V8 Vortec Years: 1999-2010			3.780"/96.0mm x 3.268"/83.0mm					7 (cont.)
	325 CID (5.3L) 16V V8 Vortec Years: 1999-2010			3.780"/96.0mm x 3.622"/92.0mm					
	346 CID (5.7L) 16V V8 Chevrolet Years: 1997-2005			3.898"/99.0mm x 3.622"/92.0mm					
	364 CID (6.0L) 16V V8 Vortec Years: 1999-2010			4.000"/101.6mm x 3.622"/92.0mm					
Main Bearing Set TM-77 MS-2199HK STD,10 1-2-4-5 MB-3591H 3 MB-3592H(F)				2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050	
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	1.0280	
Main Bearing Set TM-77 MS-2199HX STD 1-2-4-5 MB-3591HX 3 MB-3592HX(F)				2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	0.8050	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half				2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	1.0280	
Main Bearing Set TM-77 MS-2199HXX STD 1-2-4-5 MB-3591HX 3 MB-3592HX(F)				2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	0.8050	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	1.0280	
Cam Bearing Set B-1 SH-2125S STD 1-5 SH-1995 2-4 SH-2124 3 SH-2125				2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
For Year(s): 2008-2010				2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
Cam Bearing Set B-1 SH-1995S STD 1-5 SH-1995 2-4 SH-1814 3 SH-1816				2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
For Year(s): 2003-2007				2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350	
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480" <i>(To Be Replaced By SH-2125S)</i>				2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350	
Cam Bearing Set B-1 SH-2125S STD 1-5 SH-1995 2-4 SH-2124 3 SH-2125				2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
For Year(s): 2003-2007				2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480"				2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800	
Cam Bearing Set B-1 SH-1814S STD 1-5 SH-1814 2-4 SH-1815 3 SH-1816				2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350	
For Year(s): 1997-2003				2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350	
NOTE: 2003, 1st Design, Position Number 1 And 5 Housing Bore is 2.3260" / 2.3280"				2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350	
Connecting Rod Forging 121, 143									
Crankshaft Forging 12552216, 12553482									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
8	302 CID (5.0L) 16V V8 Chevrolet Years: 1967-1969			4.000"/101.6mm x 3.000"/76.2mm				8
	327 CID (5.4L) 16V V8 Chevrolet Years: 1962-1969			4.000"/101.6mm x 3.250"/82.6mm				
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19 20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
For Year(s): 1968-1969 NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
8 (cont.)	302 CID (5.0L) 16V V8 Chevrolet			4.000"/101.6mm x 3.000"/76.2mm				8 (cont.)
	Years: 1967-1969							
	327 CID (5.4L) 16V V8 Chevrolet			4.000"/101.6mm x 3.250"/82.6mm				
	Years: 1962-1969							
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
For Year(s): 1968-1969								
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920
For Year(s): 1968-1969								
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920
For Year(s): 1968-1969								
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-745HN	STD,1,10,20,30	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
For Year(s): 1962-1967								
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-745HND	STD,10	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
For Year(s): 1962-1967								
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-745HNDK	STD,10*	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
For Year(s): 1962-1967								
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-745HNK	STD,1,10	1.9990/2.0000	0.0004/0.0025	0.0621	2.1247/2.1252	0.7920
For Year(s): 1962-1967								
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-745HXN	STD	1.9990/2.0000	0.0014/0.0035	0.0616	2.1247/2.1252	0.7920
For Year(s): 1962-1967								
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
8 (cont.)	302 CID (5.0L) 16V V8 Chevrolet Years: 1967-1969			4.000"/101.6mm x 3.000"/76.2mm				8 (cont.)
	327 CID (5.4L) 16V V8 Chevrolet Years: 1962-1969			4.000"/101.6mm x 3.250"/82.6mm				
Rod Bearing (8)	TM-77	CB-745HXNK	STD	1.9990/2.0000	0.0014/0.0035	0.0616	2.1247/2.1252	0.7920
For Year(s): 1962-1967 NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-745VN	STD,1	1.9990/2.0000	0.0010/0.0031	0.0620	2.1247/2.1252	0.7920
For Year(s): 1962-1967 NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-745VXN	STD	1.9990/2.0000	0.0020/0.0041	0.0615	2.1247/2.1252	0.7920
For Year(s): 1962-1967 NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-1272P	STD	1.9990/2.0000	0.0010/0.0035	0.0611	2.1247/2.1252	0.8420
Lower		CB-1272P(L)		1.9990/2.0000	0.0010/0.0035	0.0631	2.1247/2.1252	0.8420
Upper		CB-1272P(U)						
For Year(s): 1962-1967 NOTE: P-Series Performance with Patented DELTAWALL Design No Dowel Hole In Cap Half, Upper And Lower Halves Not Interchangeable								
Main Bearing Set	TM-77	MS-909H	STD,1,9,10,11,19	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3-4		MB-2508H	20,21,30					
5		MB-2509H(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Year(s): 1968-1969 NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-909HG	STD	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3-4		MB-2508HG						
5		MB-2509HG(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Year(s): 1968-1969 NOTE: H-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-909HK	STD,1,10	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3-4		MB-2508H						
5		MB-2509H(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Year(s): 1968-1969 NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-909HX	STD	2.4483/2.4493	0.0016/0.0046	0.0950	2.6406/2.6416	0.8070
1-2-3-4		MB-2508HX						
5		MB-2509HX(F)		2.4478/2.4488	0.0021/0.0051	0.0950	2.6406/2.6416	1.7180
For Year(s): 1968-1969 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
8 (cont.)	302 CID (5.0L) 16V V8 Chevrolet Years: 1967-1969			4.000"/101.6mm x 3.000"/76.2mm					8 (cont.)
	327 CID (5.4L) 16V V8 Chevrolet Years: 1962-1969			4.000"/101.6mm x 3.250"/82.6mm					
Main Bearing Set	TM-77	MS-909HXK	STD						
1-2-3-4		MB-2508HX		2.4483/2.4493	0.0016/0.0046	0.0950	2.6406/2.6416	0.8070	
5		MB-2509HX(F)		2.4478/2.4488	0.0021/0.0051	0.0950	2.6406/2.6416	1.7180	
For Year(s): 1968-1969									
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	VP-2	MS-909V	STD,10						
1-2-3-4		MB-2508V		2.4484/2.4493	0.0005/0.0028	0.0955	2.6406/2.6416	0.8070	
5		MB-2509V(F)		2.4479/2.4488	0.0005/0.0028	0.0955	2.6406/2.6416	1.7180	
For Year(s): 1968-1969									
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1110H	STD,1,10						
1-2-3-4		MB-2650H		2.2983/2.2993	0.0005/0.0031	0.1705	2.6406/2.6416	0.8070	
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180	
5		MB-2651C				0.0753	2.6406/2.6416	1.5200	
For Year(s): 1968-1969									
NOTE: Engine Using 283 Crankshaft, H-Series Performance Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1110HK	STD,1,10						
1-2-3-4		MB-2650H		2.2983/2.2993	0.0005/0.0031	0.1705	2.6406/2.6416	0.8070	
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180	
5		MB-2651C				0.0753	2.6406/2.6416	1.5200	
For Year(s): 1968-1969									
NOTE: Engine Using 283 Crankshaft, H-Series Performance with TriArmor Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1110HX	STD						
1-2-3-4		MB-2650HX		2.2983/2.2993	0.0015/0.0041	0.1700	2.6406/2.6416	0.8070	
5		MB-1769HX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180	
5		MB-2651C				0.0753	2.6406/2.6416	1.5200	
For Year(s): 1968-1969									
NOTE: Engine Using 283 Crankshaft, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1110H XK	STD						
1-2-3-4		MB-2650HX		2.2983/2.2993	0.0015/0.0041	0.1700	2.6406/2.6416	0.8070	
5		MB-1769HX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180	
5		MB-2651C				0.0753	2.6406/2.6416	1.5200	
For Year(s): 1968-1969									
NOTE: Engine Using 283 Crankshaft, H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains A Spacer To Be Used With Bearing In Position Number 5 Grooved Upper Half And Plain Lower Half									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
8 (cont.)	302 CID (5.0L) 16V V8 Chevrolet Years: 1967-1969			4.000"/101.6mm x 3.000"/76.2mm				8 (cont.)
	327 CID (5.4L) 16V V8 Chevrolet Years: 1962-1969			4.000"/101.6mm x 3.250"/82.6mm				
Main Bearing Set	TM-77	MS-429H	STD,1,10					
1-2-3-4		MB-1808H		2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-429HK	STD,10					
1-2-3-4		MB-1808H		2.2983/2.2993	0.0004/0.0030	0.0954	2.4906/2.4916	0.8070
5		MB-1769H(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-429HX	STD					
1-2-3-4		MB-1808HX		2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
5		MB-1769HX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-429HXX	STD					
1-2-3-4		MB-1808HX		2.2983/2.2993	0.0014/0.0040	0.0949	2.4906/2.4916	0.8070
5		MB-1769HX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	VP-2	MS-429V	STD					
1-2-3-4		MB-1808V		2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
5		MB-1769V(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	VP-2	MS-429VG	STD					
1-2-3-4		MB-1808VG		2.2983/2.2993	0.0003/0.0031	0.0954	2.4906/2.4916	0.8070
5		MB-1769VG(F)		2.2978/2.2988	0.0010/0.0036	0.0954	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: V-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	VP-2	MS-429VX	STD					
1-2-3-4		MB-1808VX		2.2983/2.2993	0.0013/0.0041	0.0949	2.4906/2.4916	0.8070
5		MB-1769VX(F)		2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180
For Year(s): 1962-1967 NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing	TM-77	MB-1769HX	STD					
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half				2.2978/2.2988	0.0020/0.0046	0.0949	2.4906/2.4916	1.7180



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
8 (cont.)	302 CID (5.0L) 16V V8 Chevrolet			4.000"/101.6mm x 3.000"/76.2mm					8 (cont.)
	Years: 1967-1969								
	327 CID (5.4L) 16V V8 Chevrolet			4.000"/101.6mm x 3.250"/82.6mm					
	Years: 1962-1969								
Main Bearing	TM-77	MB-2509H-1	STD	2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
For Year(s): 1968-1969									
NOTE: H-Series Performance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half									
Main Bearing	TM-77	MB-2509HX	STD	2.4478/2.4488	0.0021/0.0051	0.0950	2.6406/2.6416	1.7180	
For Year(s): 1968-1969									
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half									
Cam Bearing Set	B-2	SH-1349S	STD						
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450	
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450	
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
For Year(s): 1964-1969									
Cam Bearing Set	B-2	SH-1772S	STD						
1		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
2-3-4-5		SH-400		1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.8700	
For Year(s): 1968-1969									
NOTE: Aluminum Cylinder Block									
Cam Bearing Set	B-2	SH-1796S	STD						
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
For Year(s): 1964-1969									
NOTE: Oversize Align Bored Blocks with Housing Bore Size 1.9990" / 2.0010"									
Cam Bearing Set	B-1	SH-287S	STD						
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
2		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
3-4		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
5		SH-289		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.9500	
For Year(s): 1962-1963									
Connecting Rod Forging	3185281, 3703526, 3703527, 3784000, 3815281								
Crankshaft Forging	1130, 1178, 1182, 2680, 3279, 3727449, 3727499, 3729449, 3734627, 3735236, 3782680, 3782690, 3815822, 3835236TG, 3836236, 3836266, 3837266, 3838266, 3849847, 3876764, 3876768, 3911000, 3911001, 3911011, 391101A, 3914681, 3914682, 3930809, 3941172, 3941174, 4577, 4672, 5782680, 6764								
9									
9	325 CID (5.3L) 16V V8			3.780"/96.0mm x 3.622"/92.0mm					9
	Years: 2005-2009								
	325 CID (5.3L) 16V V8 Vortec Hybrid			3.780"/96.0mm x 3.622"/92.0mm					
	Years: 2004-2007								
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19 20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
9 (cont.)	325 CID (5.3L) 16V V8 Years: 2005-2009			3.780"/96.0mm x 3.622"/92.0mm				9 (cont.)
	325 CID (5.3L) 16V V8 Vortec Hybrid Years: 2004-2007			3.780"/96.0mm x 3.622"/92.0mm				
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNC	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2199H	STD,1,10					
1-2-4-5		MB-3591H		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050
3		MB-3592H(F)		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	1.0280
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
9 (cont.)	325 CID (5.3L) 16V V8 Years: 2005-2009			3.780"/96.0mm x 3.622"/92.0mm					9 (cont.)
	325 CID (5.3L) 16V V8 Vortec Hybrid Years: 2004-2007			3.780"/96.0mm x 3.622"/92.0mm					
Main Bearing Set TM-77 MS-2199HK STD,10 1-2-4-5 MB-3591H 3 MB-3592H(F) NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050	
Main Bearing Set TM-77 MS-2199HX STD 1-2-4-5 MB-3591HX 3 MB-3592HX(F) NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half				2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	0.8050	
Main Bearing Set TM-77 MS-2199HXX STD 1-2-4-5 MB-3591HX 3 MB-3592HX(F) NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	0.8050	
Cam Bearing Set B-1 SH-2125S STD 1-5 SH-1995 2-4 SH-2124 3 SH-2125				2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
Cam Bearing Set B-1 SH-1995S STD 1-5 SH-1995 2-4 SH-1814 3 SH-1816 For Year(s): 2004-2007 <i>(To Be Replaced By SH-2125S)</i>				2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
Connecting Rod Forging 121, 143 Crankshaft Forging 12552216, 12553482									
10	326 CID (5.3L) 16V V8 Pontiac Years: 1963-1967			3.719"/94.5mm x 3.750"/95.3mm					10
	350 CID (5.7L) 16V V8 Pontiac Years: 1968-1977			3.875"/98.4mm x 3.750"/95.2mm					
	400 CID (6.6L) 16V V8 Pontiac Years: 1967-1979			4.120"/104.6mm x 3.750"/95.3mm					
Rod Bearing (8) TM-77 CB-758HN STD,1,10 NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.2487/2.2497	0.0012/0.0033	0.0619	2.3745/2.3750	0.8460	
Rod Bearing (8) TM-77 CB-758HXX STD NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half				2.2487/2.2497	0.0021/0.0042	0.0614	2.3745/2.3750	0.8460	
Main Bearing Set TM-77 MS-496P STD,10,20,30 1-2-3 MB-1917P 4 MB-1918P(F) 5 MB-1891P NOTE: Contains Full Grooved Bearings				2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430	
				2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350	
				2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950	



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
10 (cont.)	326 CID (5.3L) 16V V8 Pontiac Years: 1963-1967			3.719"/94.5mm x 3.750"/95.3mm					10 (cont.)
	350 CID (5.7L) 16V V8 Pontiac Years: 1968-1977			3.875"/98.4mm x 3.750"/95.2mm					
	400 CID (6.6L) 16V V8 Pontiac Years: 1967-1979			4.120"/104.6mm x 3.750"/95.3mm					
Cam Bearing Set 1-2-3-4-5	B-1	SH-292S SH-292	STD	1.8992/1.8997	0.0010/0.0060	0.0643	2.0297/2.0317	0.6900	
Connecting Rod Forging	529007, 529238, 529938, 532294, 541000, 544956								
Crankshaft Forging	103427, 4813, 481379, 481380, 493654, 496452, 531369, 541585, 544191, 9773382, 9773383, 9773524, 9773573, 9782646, 9782770, 9783785, 9783786, 9793573, 9794054, 97954, 9795479								
11	348 CID (5.7L) 16V V8 Chevrolet Years: 1958-1961			4.125"/104.8mm x 3.250"/82.6mm					11
	409 CID (6.7L) 16V V8 Chevrolet Years: 1961-1965			4.313"/109.5mm x 3.500"/109.6mm					
Rod Bearing (8)	TM-77	CB-743HN	STD,1,9,10,11,19 20,21,30	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HND	STD,1,9,10,11	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HNDK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HNK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HXN	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HXND	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HXNDK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
11 (cont.)	348 CID (5.7L) 16V V8 Chevrolet Years: 1958-1961			4.125"/104.8mm x 3.250"/82.6mm					11 (cont.)
	409 CID (6.7L) 16V V8 Chevrolet Years: 1961-1965			4.313"/109.5mm x 3.500"/109.6mm					
Rod Bearing (8)	TM-77	CB-743HXNK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-743V	STD,1,10	2.1990/2.2000	0.0009/0.0030	0.0619	2.3247/2.3252	0.8920	
NOTE: V-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-743VND	STD,1	2.1990/2.2000	0.0009/0.0034	0.0620	2.3247/2.3252	0.8420	
NOTE: V-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	VP-2	CB-743VNDX	STD	2.1990/2.2000	0.0019/0.0044	0.0615	2.3247/2.3252	0.8420	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	VP-2	CB-743VX	STD	2.1990/2.2000	0.0019/0.0040	0.0614	2.3247/2.3252	0.8920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	B-2	CB-829M	STD	2.1990/2.2000	0.0010/0.0031	0.0622	2.3247/2.3252	0.8920	
NOTE: M-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod									
Main Bearing Set	TM-77	MS-458H	STD,1	2.4980/2.4990	0.0006/0.0032	0.0937	2.6870/2.6880	1.0470	
1-2-3-4		MB-1840H		2.4980/2.4990	0.0020/0.0046	0.0930	2.6870/2.6880	1.8110	
5		MB-1841H(F)							
NOTE: H-Series Performance with Tri-bore Design Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-458HX	STD	2.4980/2.4990	0.0016/0.0042	0.0932	2.6870/2.6880	1.0470	
1-2-3-4		MB-1840HX		2.4980/2.4990	0.0030/0.0056	0.0925	2.6870/2.6880	1.8110	
5		MB-1841HX(F)							
NOTE: H-Series Performance with Tri-bore Design Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half									
Cam Bearing Set	B-1	SH-398S	STD	1.8682/1.8692	0.0010/0.0052	0.0744	2.0190/2.0210	0.8650	
1		SH-398		1.8682/1.8692	0.0010/0.0052	0.0694	2.0090/2.0110	0.8650	
2		SH-399		1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.8700	
3-4		SH-400		1.8682/1.8692	0.0010/0.0052	0.0694	2.0090/2.0110	0.9450	
5		SH-401							
Connecting Rod Forging	3732717, 3795624, 3837686								
Crankshaft Forging	0-191561, 0819, 3732692, 3733223, 3733226, 3741640, 3741642, 3788072, 3795589, 3824544, 3824553, 3824554, 3829027, 3837466, 3838396, O-191561								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
12	364 CID (6.0L) 16V V8 Vortec Hybrid Years: 2008-2009			4.000"/101.6mm x 3.622"/92.0mm				12
	376 CID (6.2L) 16V V8 Years: 2008-2010			4.065"/103.3mm x 3.622"/92.0mm				
	376 CID (6.2L) 16V V8 Vortec Years: 2007-2010			4.065"/103.3mm x 3.622"/92.0mm				
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19 20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
12 (cont.)	364 CID (6.0L) 16V V8 Vortec Hybrid Years: 2008-2009			4.000"/101.6mm x 3.622"/92.0mm					12 (cont.)
	376 CID (6.2L) 16V V8 Years: 2008-2010			4.065"/103.3mm x 3.622"/92.0mm					
	376 CID (6.2L) 16V V8 Vortec Years: 2007-2010			4.065"/103.3mm x 3.622"/92.0mm					
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Main Bearing Set	TM-77	MS-2199H	STD,1,10						
1-2-4-5		MB-3591H		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050	
3		MB-3592H(F)		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	1.0280	
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-2199HK	STD,10						
1-2-4-5		MB-3591H		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	0.8050	
3		MB-3592H(F)		2.5588/2.5593	0.0005/0.0026	0.0957	2.7509/2.7514	1.0280	
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	TM-77	MS-2199HX	STD						
1-2-4-5		MB-3591HX		2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	0.8050	
3		MB-3592HX(F)		2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	1.0280	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-2199HXX	STD						
1-2-4-5		MB-3591HX		2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	0.8050	
3		MB-3592HX(F)		2.5588/2.5593	0.0015/0.0036	0.0952	2.7509/2.7514	1.0280	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Cam Bearing Set	B-1	SH-2125S	STD						
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800	
13	366 CID (6.0L) 16V V8 Chevrolet Years: 1966-1967, 1980-1998			3.938"/100.0mm x 3.766"/95.5mm					13
	396 CID (6.5L) 16V V8 Chevrolet Years: 1965-1970			4.094"/104.0mm x 3.766"/95.5mm					
	427 CID (7.0L) 16V V8 Chevrolet Years: 1966-1969, 1980-1998			4.250"/108.0mm x 3.766"/95.7mm					
Rod Bearing (8)	TM-77	CB-743HN	STD,1,9,10,11,19,20,21,30	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HND	STD,1,9,10,11	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
13 (cont.)	366 CID (6.0L) 16V V8 Chevrolet Years: 1966-1967, 1980-1998			3.938"/100.0mm x 3.766"/95.5mm					13 (cont.)
	396 CID (6.5L) 16V V8 Chevrolet Years: 1965-1970			4.094"/104.0mm x 3.766"/95.5mm					
	427 CID (7.0L) 16V V8 Chevrolet Years: 1966-1969, 1980-1998			4.250"/108.0mm x 3.766"/95.7mm					
Rod Bearing (8)	TM-77	CB-743HNDK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HNC	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HXN	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HXND	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HXNDK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HXNK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-743V	STD,1,10	2.1990/2.2000	0.0009/0.0030	0.0619	2.3247/2.3252	0.8920	
NOTE: V-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-743VND	STD,1	2.1990/2.2000	0.0009/0.0034	0.0620	2.3247/2.3252	0.8420	
NOTE: V-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	VP-2	CB-743VNDX	STD	2.1990/2.2000	0.0019/0.0044	0.0615	2.3247/2.3252	0.8420	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
13 (cont.)	366 CID (6.0L) 16V V8 Chevrolet Years: 1966-1967, 1980-1998			3.938"/100.0mm x 3.766"/95.5mm					13 (cont.)
	396 CID (6.5L) 16V V8 Chevrolet Years: 1965-1970			4.094"/104.0mm x 3.766"/95.5mm					
	427 CID (7.0L) 16V V8 Chevrolet Years: 1966-1969, 1980-1998			4.250"/108.0mm x 3.766"/95.7mm					
Rod Bearing (8)	VP-2	CB-743VX	STD	2.1990/2.2000	0.0019/0.0040	0.0614	2.3247/2.3252	0.8920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	B-2	CB-829M	STD	2.1990/2.2000	0.0010/0.0031	0.0622	2.3247/2.3252	0.8920	
NOTE: M-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod									
Main Bearing Set	TM-77	MS-829H	STD,1,9,10,11,19	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403H	20,21,30						
5		MB-2404H(F)		2.7478/2.7488	0.0012/0.0038	0.0934	2.9370/2.9380	1.8110	
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-829HG	STD	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403HG							
5		MB-2404HG(F)		2.7478/2.7488	0.0012/0.0038	0.0934	2.9370/2.9380	1.8110	
NOTE: H-Series Performance Contains Full Grooved Bearings									
Main Bearing Set	TM-77	MS-829HK	STD,1,10	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403H							
5		MB-2404H(F)		2.7478/2.7488	0.0012/0.0038	0.0934	2.9370/2.9380	1.8110	
NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	TM-77	MS-829HX	STD	2.7482/2.7492	0.0017/0.0042	0.0929	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403HX							
5		MB-2404HX(F)		2.7478/2.7488	0.0022/0.0048	0.0929	2.9370/2.9380	1.8110	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-829HXX	STD	2.7482/2.7492	0.0017/0.0042	0.0929	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403HX							
5		MB-2404HX(F)		2.7478/2.7488	0.0022/0.0048	0.0929	2.9370/2.9380	1.8110	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness									
Main Bearing Set	VP-2	MS-829V	STD,1,10	2.7482/2.7492	0.0007/0.0035	0.0937	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403V							
5		MB-2404V(F)		2.7478/2.7488	0.0011/0.0039	0.0937	2.9370/2.9380	1.8110	
NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing Set	VP-2	MS-829VX	STD	2.7482/2.7492	0.0017/0.0045	0.0932	2.9370/2.9380	1.0470	
1-2-3-4		MB-2403VX							
5		MB-2404VX(F)		2.7478/2.7488	0.0021/0.0049	0.0932	2.9370/2.9380	1.8110	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
13 (cont.)	366 CID (6.0L) 16V V8 Chevrolet Years: 1966-1967, 1980-1998			3.938"/100.0mm x 3.766"/95.5mm					13 (cont.)
	396 CID (6.5L) 16V V8 Chevrolet Years: 1965-1970			4.094"/104.0mm x 3.766"/95.5mm					
	427 CID (7.0L) 16V V8 Chevrolet Years: 1966-1969, 1980-1998			4.250"/108.0mm x 3.766"/95.7mm					
Main Bearing Set 1-2-3-4 5	B-2	MS-1732M MB-3111M MB-2404P(F)	STD	2.7482/2.7492 2.7480/2.7490	0.0007/0.0037 0.0009/0.0039	0.0937 0.0937	2.9370/2.9380 2.9370/2.9380	1.0470 1.8110	
NOTE: M-Series Performance Grooved Upper Half And Plain Lower Half									
Main Bearing	TM-77	MB-2404H-1	STD	2.7478/2.7488	0.0012/0.0038	0.0934	2.9370/2.9380	1.8110	
NOTE: H-Series Performance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half									
Main Bearing	TM-77	MB-2404HX	STD	2.7478/2.7488	0.0022/0.0048	0.0929	2.9370/2.9380	1.8110	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half									
Cam Bearing Set 1 2-5 3-4	B-1	SH-616S SH-615 SH-616 SH-617	STD	1.9485/1.9495 1.9485/1.9495 1.9485/1.9495	0.0006/0.0046 0.0006/0.0046 0.0006/0.0046	0.0947 0.0897 0.0847	2.1395/2.1405 2.1295/2.1305 2.1195/2.1205	0.8700 0.9900 0.9900	
For Year(s): 1967-1998									
Cam Bearing Set 1-2-3-4-5	B-1	SH-617S SH-617	STD	1.9485/1.9495	0.0006/0.0046	0.0847	2.1195/2.1205	0.9900	
For Year(s): 1967-1998									
NOTE: Align Bored Engine With 2.1195" / 2.1205" Housing Bore									
Cam Bearing Set 1 2 3-4 5	B-1	SH-615S SH-615 SH-616 SH-617 SH-618	STD	1.9485/1.9495 1.9485/1.9495 1.9485/1.9495 1.9485/1.9495	0.0006/0.0046 0.0006/0.0046 0.0006/0.0046 0.0006/0.0046	0.0947 0.0897 0.0847 0.0897	2.1395/2.1405 2.1295/2.1305 2.1195/2.1205 2.1295/2.1305	0.8700 0.9900 0.9900 0.9900	
For Year(s): 1965-1966									
Connecting Rod Forging	3856239, 3856240, 3933174								
Crankshaft Forging	3804816, 3836144, 3863144, 3874874, 3882842, 3882847, 3882848, 3882849, 3887114, 3904815, 3904816, 3941180, 3942411, 6223, 7115, 9115								
14	376 CID (6.2L) 16V SC V8 Years: 2009-2010			4.065"/103.3mm x 3.622"/92.0mm					14
	427 CID (7.0L) 16V V8 Years: 2006-2010			4.125"/104.8mm x 4.000"/101.6mm					
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19 20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
14 (cont.)	376 CID (6.2L) 16V SC V8			4.065"/103.3mm x 3.622"/92.0mm					14 (cont.)
	Years: 2009-2010								
	427 CID (7.0L) 16V V8			4.125"/104.8mm x 4.000"/101.6mm					
	Years: 2006-2010								
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663Hnk	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Cam Bearing Set	B-1	SH-2125S	STD						
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800	



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
15	389 CID (6.4L) 16V V8 Pontiac			4.063"/103.2mm x 3.750"/95.3mm				15
Years: 1959-1966								
Rod Bearing (8)	TM-77	CB-758HN	STD,1,10	2.2487/2.2497	0.0012/0.0033	0.0619	2.3745/2.3750	0.8460
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-758HXN	STD	2.2487/2.2497	0.0021/0.0042	0.0614	2.3745/2.3750	0.8460
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-496P	STD,10,20,30					
1-2-3		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
4		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								
Cam Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0643	2.0297/2.0317	0.6900
For Year(s): 1963-1966								
Cam Bearing Set	B-1	SH-291S	STD					
1		SH-291		1.8992/1.8997	0.0010/0.0060	0.0643	2.0297/2.0317	1.0700
2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0643	2.0297/2.0317	0.6900
For Year(s): 1959-1962								
16	400 CID (6.6L) 16V V8 Chevrolet			4.125"/104.8mm x 3.750"/95.2mm				16
Years: 1970-1980								
Rod Bearing (8)	TM-77	CB-663HN	STD,1,9,10,11,19 20,21,30	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HND	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNDK	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HNC	STD,1,10	2.0990/2.1000	0.0009/0.0030	0.0619	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXN	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-663HXND	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
16 (cont.)	400 CID (6.6L) 16V V8 Chevrolet Years: 1970-1980			4.125"/104.8mm x 3.750"/95.2mm				16 (cont.)
Rod Bearing (8)	TM-77	CB-663HXNDK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-663HXNK	STD	2.0990/2.1000	0.0019/0.0040	0.0614	2.2247/2.2252	0.7920
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VN	STD,1,10	2.0990/2.1000	0.0008/0.0028	0.0621	2.2247/2.2252	0.7920
NOTE: V-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-663VXN	STD	2.0990/2.1000	0.0018/0.0038	0.0616	2.2247/2.2252	0.7920
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-1038H	STD,1,9,10,11,19					
1-2-3-4		MB-2562H	20,21	2.6484/2.6493	0.0007/0.0031	0.0953	2.8406/2.8416	0.8070
5		MB-2563H(F)		2.6479/2.6488	0.0012/0.0036	0.0953	2.8406/2.8416	1.7180
NOTE: Engine Using 400 Crankshaft, H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-1038HG	STD					
1-2-3-4		MB-2562HG		2.6484/2.6493	0.0007/0.0031	0.0953	2.8406/2.8416	0.8070
5		MB-2563HG(F)		2.6479/2.6488	0.0012/0.0036	0.0953	2.8406/2.8416	1.7180
NOTE: Engine Using 400 Crankshaft, H-Series Performance Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-1038HK	STD,1,10					
1-2-3-4		MB-2562H		2.6484/2.6493	0.0007/0.0031	0.0953	2.8406/2.8416	0.8070
5		MB-2563H(F)		2.6479/2.6488	0.0012/0.0036	0.0953	2.8406/2.8416	1.7180
NOTE: Engine Using 400 Crankshaft, H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								
Main Bearing Set	TM-77	MS-1038HX	STD					
1-2-3-4		MB-2562HX		2.6484/2.6493	0.0017/0.0041	0.0948	2.8406/2.8416	0.8070
5		MB-2563HX(F)		2.6479/2.6488	0.0022/0.0046	0.0948	2.8406/2.8416	1.7180
NOTE: Engine Using 400 Crankshaft, H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-1038HXX	STD					
1-2-3-4		MB-2562HX		2.6484/2.6493	0.0017/0.0041	0.0948	2.8406/2.8416	0.8070
5		MB-2563HX(F)		2.6479/2.6488	0.0022/0.0046	0.0948	2.8406/2.8416	1.7180
NOTE: Engine Using 400 Crankshaft, H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
16 (cont.)	400 CID (6.6L) 16V V8 Chevrolet Years: 1970-1980			4.125"/104.8mm x 3.750"/95.2mm				16 (cont.)
Main Bearing Set	TM-77	MS-1564P	STD					
1-2-3-4		MB-2604P		2.4483/2.4493	0.0030/0.0045	0.1953	2.8406/2.8415	0.8070
5		MB-2548P(F)		2.4479/2.4488	0.0011/0.0039	0.0953	2.6406/2.6415	1.7180
5		MB-2878C				0.1003	2.8406/2.8415	1.5200
NOTE: Engine Using 350 Crankshaft, P-Series Performance Bearings For Position Number 5 with Full Grooved Main Bearings Bearings For Position Number 1, 2, 3, 4 Has Grooved Upper Half And Plain Lower Half Contains A Spacer To Be Used With Bearing In Position Number 5								
Cam Bearing Set	B-2	SH-1349S	STD					
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
Cam Bearing Set	B-2	SH-1772S	STD					
1		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
2-3-4-5		SH-400		1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.8700
NOTE: Aluminum Cylinder Block								
Cam Bearing Set	B-2	SH-1796S	STD					
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks with Housing Bore Size 1.9990" / 2.0010"								
Connecting Rod Forging 3951629								
Crankshaft Forging 3882841, 3951528, 3951529D								
17	400 CID (6.6L) 16V V8 Oldsmobile Years: 1965-1967			4.000"/101.6mm x 3.980"/101.1mm				17
	400 CID (6.6L) 16V V8 Oldsmobile Years: 1968-1969			3.875"/98.4mm x 4.250"/108.0mm				
	425 CID (7.0L) 16V V8 Oldsmobile Years: 1965-1967			4.125"/104.8mm x 3.980"/101.1mm				
	455 CID (7.5L) 16V V8 Oldsmobile Years: 1968-1976			4.125"/104.8mm x 4.250"/108.0mm				
Rod Bearing (8)	TM-77	CB-542HN	STD,1,10,20	2.4988/2.4998	0.0007/0.0028	0.0620	2.6245/2.6250	0.7810
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-542HXN	STD	2.4988/2.4998	0.0017/0.0042	0.0615	2.6245/2.6250	0.7810
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-804H	STD,1,10,20					
1		MB-2362H		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9800
2-4		MB-2163H		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9790
3		MB-2363H(F)		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	1.1950
5		MB-2364H		2.9993/3.0003	0.0016/0.0049	0.0932	3.1880/3.1890	1.6290
NOTE: H-Series Performance Bearings For Position Number 2, 3, 4, 5 with Full Grooved Main Bearings Position Number 1 Has Grooved Upper Half And Plain Lower Half								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
17 (cont.)	400 CID (6.6L) 16V V8 Oldsmobile Years: 1965-1967			4.000"/101.6mm x 3.980"/101.1mm					17 (cont.)
	400 CID (6.6L) 16V V8 Oldsmobile Years: 1968-1969			3.875"/98.4mm x 4.250"/108.0mm					
	425 CID (7.0L) 16V V8 Oldsmobile Years: 1965-1967			4.125"/104.8mm x 3.980"/101.1mm					
	455 CID (7.5L) 16V V8 Oldsmobile Years: 1968-1976			4.125"/104.8mm x 4.250"/108.0mm					
Main Bearing Set	TM-77	MS-804HX	STD						
1		MB-2362HX		2.9993/3.0003	0.0018/0.0048	0.0931	3.1880/3.1890	0.9800	
2-4		MB-2163HX		2.9993/3.0003	0.0018/0.0048	0.0931	3.1880/3.1890	0.9790	
3		MB-2363HX(F)		2.9993/3.0003	0.0018/0.0048	0.0931	3.1880/3.1890	1.1950	
5		MB-2364HX		2.9993/3.0003	0.0026/0.0059	0.0927	3.1880/3.1890	1.6290	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Bearings For Position Number 2, 3, 4, 5 with Full Grooved Main Bearings Position Number 1 Has Grooved Upper Half And Plain Lower Half									
Cam Bearing Set	B-1	SH-1354S	STD						
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930	
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930	
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930	
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930	
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930	
Connecting Rod Forging	384759, 397858, 401406, 401456, 410999								
Crankshaft Forging	230331, 230377, 230378, 230907, 230908, 384722, 390370, 397303, 397363, 400934, 403707, 405954, 584722								
18	402 CID (6.6L) 16V V8 Chevrolet Years: 1970-1972			4.125"/104.8mm x 3.766"/95.3mm					18
	454 CID (7.4L) 16V V8 Chevrolet Years: 1970-1997			4.250"/108.0mm x 4.000"/101.6mm					
	454 CID (7.4L) 16V V8 Vortec Years: 1996-2000			4.250"/108.0mm x 4.000"/101.6mm					
Rod Bearing (8)	TM-77	CB-743HN	STD,1,9,10,11,19 20,21,30	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HND	STD,1,9,10,11	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HNDK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HNK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
18 (cont.)	402 CID (6.6L) 16V V8 Chevrolet Years: 1970-1972			4.125"/104.8mm x 3.766"/95.3mm					18 (cont.)
	454 CID (7.4L) 16V V8 Chevrolet Years: 1970-1997			4.250"/108.0mm x 4.000"/101.6mm					
	454 CID (7.4L) 16V V8 Vortec Years: 1996-2000			4.250"/108.0mm x 4.000"/101.6mm					
Rod Bearing (8)	TM-77	CB-743HXN	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	TM-77	CB-743HXND	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HXNDK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	TM-77	CB-743HXNK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-743V	STD,1,10	2.1990/2.2000	0.0009/0.0030	0.0619	2.3247/2.3252	0.8920	
NOTE: V-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (8)	VP-2	CB-743VND	STD,1	2.1990/2.2000	0.0009/0.0034	0.0620	2.3247/2.3252	0.8420	
NOTE: V-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	VP-2	CB-743VNDX	STD	2.1990/2.2000	0.0019/0.0044	0.0615	2.3247/2.3252	0.8420	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance									
Rod Bearing (8)	VP-2	CB-743VX	STD	2.1990/2.2000	0.0019/0.0040	0.0614	2.3247/2.3252	0.8920	
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
Rod Bearing (8)	B-2	CB-829M	STD	2.1990/2.2000	0.0010/0.0031	0.0622	2.3247/2.3252	0.8920	
NOTE: M-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod									
Main Bearing Set	TM-77	MS-829H	STD,1,9,10,11,19						
1-2-3-4		MB-2403H	20,21,30	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0470	
5		MB-2404H(F)		2.7478/2.7488	0.0012/0.0038	0.0934	2.9370/2.9380	1.8110	
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half									



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
18 (cont.)	402 CID (6.6L) 16V V8 Chevrolet Years: 1970-1972			4.125"/104.8mm x 3.766"/95.3mm					18 (cont.)
	454 CID (7.4L) 16V V8 Chevrolet Years: 1970-1997			4.250"/108.0mm x 4.000"/101.6mm					
	454 CID (7.4L) 16V V8 Vortec Years: 1996-2000			4.250"/108.0mm x 4.000"/101.6mm					
Main Bearing Set TM-77 MS-829HG STD 1-2-3-4 MB-2403HG 5 MB-2404HG(F) NOTE: H-Series Performance Contains Full Grooved Bearings				2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0470 1.8110	
Main Bearing Set TM-77 MS-829HK STD,1,10 1-2-3-4 MB-2403H 5 MB-2404H(F) NOTE: H-Series Performance with TriArmor Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0470 1.8110	
Main Bearing Set TM-77 MS-829HX STD 1-2-3-4 MB-2403HX 5 MB-2404HX(F) NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half				2.7482/2.7492	0.0017/0.0042	0.0929	2.9370/2.9380	1.0470 1.8110	
Main Bearing Set TM-77 MS-829HXX STD 1-2-3-4 MB-2403HX 5 MB-2404HX(F) NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half, Maximum Wall Does Not Include Coating Thickness				2.7482/2.7492	0.0017/0.0042	0.0929	2.9370/2.9380	1.0470 1.8110	
Main Bearing Set VP-2 MS-829V STD,1,10 1-2-3-4 MB-2403V 5 MB-2404V(F) NOTE: V-Series Performance Grooved Upper Half And Plain Lower Half				2.7482/2.7492	0.0007/0.0035	0.0937	2.9370/2.9380	1.0470 1.8110	
Main Bearing Set VP-2 MS-829VX STD 1-2-3-4 MB-2403VX 5 MB-2404VX(F) NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half				2.7482/2.7492	0.0017/0.0045	0.0932	2.9370/2.9380	1.0470 1.8110	
Main Bearing Set B-2 MS-1732M STD 1-2-3-4 MB-3111M 5 MB-2404P(F) NOTE: M-Series Performance Grooved Upper Half And Plain Lower Half				2.7482/2.7492	0.0007/0.0037	0.0937	2.9370/2.9380	1.0470 1.8110	
Main Bearing TM-77 MB-2404H-1 STD NOTE: H-Series Performance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half				2.7478/2.7488	0.0012/0.0038	0.0934	2.9370/2.9380	1.8110	
Main Bearing TM-77 MB-2404HX STD NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Contains Flanged Bearing Only, Grooved Upper Half And Plain Lower Half				2.7478/2.7488	0.0022/0.0048	0.0929	2.9370/2.9380	1.8110	



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
18 (cont.)	402 CID (6.6L) 16V V8 Chevrolet Years: 1970-1972			4.125"/104.8mm x 3.766"/95.3mm					18 (cont.)
	454 CID (7.4L) 16V V8 Chevrolet Years: 1970-1997			4.250"/108.0mm x 4.000"/101.6mm					
	454 CID (7.4L) 16V V8 Vortec Years: 1996-2000			4.250"/108.0mm x 4.000"/101.6mm					
Cam Bearing Set	B-1	SH-616S	STD						
1		SH-615		1.9485/1.9495	0.0006/0.0046	0.0947	2.1395/2.1405	0.8700	
2-5		SH-616		1.9485/1.9495	0.0006/0.0046	0.0897	2.1295/2.1305	0.9900	
3-4		SH-617		1.9485/1.9495	0.0006/0.0046	0.0847	2.1195/2.1205	0.9900	
Cam Bearing Set	B-1	SH-617S	STD						
1-2-3-4-5		SH-617		1.9485/1.9495	0.0006/0.0046	0.0847	2.1195/2.1205	0.9900	
NOTE: Align Bored Engine With 2.1195" / 2.1205" Housing Bore									
Connecting Rod Forging	3856239, 3856240, 3933174								
Crankshaft Forging	3521, 353039, 359730, 3804816, 3836144, 3863144, 3874874, 3882842, 3882847, 3882848, 3882849, 3887114, 3904815, 3904816, 3941180, 3942411, 3962523, 3963523, 3963524, 3967463, 3975945, 6223, 7115, 7416, 9115, N353039, N853039, N853638								
19	403 CID (6.6L) 32V Turbo. V8 Duramax DIESEL			4.055"/103.0mm x 3.898"/99.0mm					19
	Years: 2001-2009								
Rod Bearing (8)	TM-77	CB-1805H	STD,.026mm,.25mm	2.4764/2.4772	0.0010/0.0034	0.0794	2.6372/2.6378	0.9340	
NOTE: H-Series Performance No Dowel Hole In Cap Half Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment									
Rod Bearing (8)	TM-77	CB-1805HX	STD	2.4764/2.4772	0.0020/0.0044	0.0789	2.6372/2.6378	0.9340	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment									
Main Bearing Set	TM-77	MS-2218H	STD,.026mm,.25mm						
1-2-3-4-5		MB-3776H		3.1459/3.1466	0.0009/0.0033	0.0994	3.3464/3.3472	0.8200	
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment									
Main Bearing Set	TM-77	MS-2218HX	STD						
1-2-3-4-5		MB-3776HX		3.1459/3.1466	0.0019/0.0043	0.0989	3.3465/3.3472	0.8200	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment									
Thrust Washer Set		TW-610S	STD						
		MB-3776W		3.5039/3.5137			4.2027/4.2125	0.1181	
NOTE: Contains 3 Pieces, Position Number 1 And 5 Use with Part Number MS-2218P									
Cam Bearing Set	B-1	SH-1999S	STD						
1		SH-1999		2.3988/2.4000		0.0790	2.5590/2.5602	1.1250	
2-3-4-5		SH-2006		2.3988/2.4000		0.0790	2.5590/2.5602	0.7100	
Connecting Rod Forging	278410A								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
20	421 CID (6.9L) 16V V8 Pontiac Years: 1963-1966			4.094"/104.0mm x 4.000"/101.6mm				20
	428 CID (7.0L) 16V V8 Pontiac Years: 1967-1969			4.120"/104.6mm x 4.000"/101.6mm				
	455 CID (7.5L) 16V V8 Pontiac Years: 1970-1976			4.151"/105.4mm x 4.210"/107.0mm				
Rod Bearing (8)	TM-77	CB-758HN	STD,1,10	2.2487/2.2497	0.0012/0.0033	0.0619	2.3745/2.3750	0.8460
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-758HXN	STD	2.2487/2.2497	0.0021/0.0042	0.0614	2.3745/2.3750	0.8460
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-667H	STD,1,10					
1-2-3		MB-2215H		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	0.9430
4		MB-2216H(F)		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	1.1950
5		MB-2217H		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	1.5950
NOTE: H-Series Performance Bearings For Position Number 4, 5 with Full Grooved Main Bearings Position Number 1, 2, 3 Has Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-667HX	STD					
1-2-3		MB-2215HX		3.2490/3.2500	0.0015/0.0045	0.0934	3.4380/3.4390	0.9430
4		MB-2216HX(F)		3.2490/3.2500	0.0015/0.0045	0.0934	3.4380/3.4390	1.1950
5		MB-2217HX		3.2490/3.2500	0.0015/0.0045	0.0934	3.4380/3.4390	1.5950
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Bearings For Position Number 4, 5 with Full Grooved Main Bearings Position Number 1, 2, 3 Has Grooved Upper Half And Plain Lower Half								
Cam Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0643	2.0297/2.0317	0.6900
Crankshaft Forging				496453, 542990, 9770488, 9773384, 9782769, 9783787, 9799103				
21	425 CID (7.0L) 16V V8 Cadillac Years: 1977-1979			4.082"/103.7mm x 4.060"/103.1mm				21
	472 CID (7.7L) 16V V8 Cadillac Years: 1968-1974			4.300"/109.2mm x 4.060"/103.1mm				
	500 CID (8.2L) 16V V8 Cadillac Years: 1970-1976			4.300"/109.2mm x 4.300"/109.2mm				
Rod Bearing (8)	TM-77	CB-542HN	STD,1,10,20	2.4988/2.4998	0.0007/0.0028	0.0620	2.6245/2.6250	0.7810
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-542HXN	STD	2.4988/2.4998	0.0017/0.0042	0.0615	2.6245/2.6250	0.7810
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Connecting Rod Forging		222, 3633111						
Crankshaft Forging		1467292, 1486424, 1495094, 1495095, 1496793, 1609142R						



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
22	496 CID (8.1L) 16V V8 Vortec Years: 2001-2007			4.250"/108.0mm x 4.370"/111.0mm				22
Rod Bearing (8)	TM-77	CB-743HN	STD,1,9,10,11,19 20,21,30	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420
NOTE: H-Series Performance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-743HND	STD,1,9,10,11	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420
NOTE: H-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-743HNDK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420
NOTE: H-Series Performance with TriArmor Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-743HNK	STD,1,10	2.1990/2.2000	0.0010/0.0031	0.0619	2.3247/2.3252	0.8420
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-743HXN	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	TM-77	CB-743HXND	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-743HXNDK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half, Maximum Wall Does Not Include Coating Thickness May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	TM-77	CB-743HXNK	STD	2.1990/2.2000	0.0020/0.0041	0.0614	2.3247/2.3252	0.8420
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, Narrowed On One Side For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-743V	STD,1,10	2.1990/2.2000	0.0009/0.0030	0.0619	2.3247/2.3252	0.8920
NOTE: V-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (8)	VP-2	CB-743VND	STD,1	2.1990/2.2000	0.0009/0.0034	0.0620	2.3247/2.3252	0.8420
NOTE: V-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
22 (cont.)	496 CID (8.1L) 16V V8 Vortec Years: 2001-2007			4.250"/108.0mm x 4.370"/111.0mm				22 (cont.)
Rod Bearing (8)	VP-2	CB-743VNDX	STD	2.1990/2.2000	0.0019/0.0044	0.0615	2.3247/2.3252	0.8420
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod Narrowed On One Side For Increased Crank Fillet Clearance								
Rod Bearing (8)	VP-2	CB-743VX	STD	2.1990/2.2000	0.0019/0.0040	0.0614	2.3247/2.3252	0.8920
NOTE: V-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Rod Bearing (8)	B-2	CB-829M	STD	2.1990/2.2000	0.0010/0.0031	0.0622	2.3247/2.3252	0.8920
NOTE: M-Series Performance Dowel Hole In Cap Half May Be Used In Engines Without Doweled Connecting Rod								
Cam Bearing Set	B-1	SH-616S	STD					
1		SH-615		1.9485/1.9495	0.0006/0.0046	0.0947	2.1395/2.1405	0.8700
2-5		SH-616		1.9485/1.9495	0.0006/0.0046	0.0897	2.1295/2.1305	0.9900
3-4		SH-617		1.9485/1.9495	0.0006/0.0046	0.0847	2.1195/2.1205	0.9900
Cam Bearing Set	B-1	SH-617S	STD					
1-2-3-4-5		SH-617		1.9485/1.9495	0.0006/0.0046	0.0847	2.1195/2.1205	0.9900
NOTE: Align Bored Engine With 2.1195" / 2.1205" Housing Bore								



ENGINE	YEAR	BORE & STROKE	BLOCK
1595 CC (1.6L) DOHC 16V L4 VTEC B16A2	1996-2000	3.189"/81.0mm X 3.047"/77.4mm	1
1595 CC (1.6L) DOHC 16V L4 VTEC B16A3	1994-1995	3.189"/81.0mm X 3.047"/77.4mm	1
1829 CC (1.8L) SOHC 12V L4 A18A1	1987	3.150"/80.0mm X 3.583"/91.0mm	2
1829 CC (1.8L) SOHC 8V L4 ES1	1983	3.150"/80.0mm X 3.583"/91.0mm	2
1829 CC (1.8L) SOHC 12V L4 ES2	1984-1985	3.150"/80.0mm X 3.583"/91.0mm	2
1829 CC (1.8L) SOHC 12V L4 ES3	1985	3.150"/80.0mm X 3.583"/91.0mm	2
1829 CC (1.8L) SOHC 8V L4 ET2	1984-1986	3.150"/80.0mm X 3.583"/91.0mm	2
1955 CC (2.0L) SOHC 12V L4 A20A1	1987-1989	3.258"/82.8mm X 3.583"/91.0mm	2
1955 CC (2.0L) SOHC 12V L4 A20A3	1987-1989	3.258"/82.8mm X 3.583"/91.0mm	2
1955 CC (2.0L) SOHC 12V L4 BS	1986	3.258"/82.8mm X 3.583"/91.0mm	2
1955 CC (2.0L) SOHC 12V L4 BT	1986	3.258"/82.8mm X 3.583"/91.0mm	2
1955 CC (2.0L) SOHC 12V L4 BTI	1985-1987	3.258"/82.8mm X 3.583"/91.0mm	2
1958 CC (2.0L) SOHC 12V L4 B20A3	1988-1990	3.189"/81.0mm X 3.740"/95.0mm	2
2157 CC (2.2L) DOHC 16V L4 VTEC H22A1	1993-1996	3.425"/87.0mm X 3.571"/90.7mm	3
2157 CC (2.2L) DOHC 16V L4 VTEC H22A4	1997-2001	3.425"/87.0mm X 3.571"/90.7mm	3

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1595 CC (1.6L) DOHC 16V L4 VTEC B16A2 Years: 1996-2000			3.189"/81.0mm x 3.047"/77.4mm				1
	1595 CC (1.6L) DOHC 16V L4 VTEC B16A3 Years: 1994-1995			3.189"/81.0mm x 3.047"/77.4mm				
Rod Bearing (4)	TM-77	CB-1777H	STD,.25mm	1.7707/1.7717	0.0014/0.0043	0.0586	1.8898/1.8907	0.7677
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1777HX	STD	1.7707/1.7717	0.0024/0.0053	0.0581	1.8898/1.8907	0.7677
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
2	1829 CC (1.8L) SOHC 12V L4 A18A1			3.150"/80.0mm x 3.583"/91.0mm					2
	Years: 1987								
	1829 CC (1.8L) SOHC 8V L4 ES1			3.150"/80.0mm x 3.583"/91.0mm					
	Years: 1983								
	1829 CC (1.8L) SOHC 12V L4 ES2			3.150"/80.0mm x 3.583"/91.0mm					
	Years: 1984-1985								
	1829 CC (1.8L) SOHC 12V L4 ES3			3.150"/80.0mm x 3.583"/91.0mm					
	Years: 1985								
	1829 CC (1.8L) SOHC 8V L4 ET2			3.150"/80.0mm x 3.583"/91.0mm					
	Years: 1984-1986								
	1955 CC (2.0L) SOHC 12V L4 A20A1			3.258"/82.8mm x 3.583"/91.0mm					
	Years: 1987-1989								
1955 CC (2.0L) SOHC 12V L4 A20A3			3.258"/82.8mm x 3.583"/91.0mm						
Years: 1987-1989									
1955 CC (2.0L) SOHC 12V L4 BS			3.258"/82.8mm x 3.583"/91.0mm						
Years: 1986									
1955 CC (2.0L) SOHC 12V L4 BT			3.258"/82.8mm x 3.583"/91.0mm						
Years: 1986									
1955 CC (2.0L) SOHC 12V L4 BTI			3.258"/82.8mm x 3.583"/91.0mm						
Years: 1985-1987									
1958 CC (2.0L) SOHC 12V L4 B20A3			3.189"/81.0mm x 3.740"/95.0mm						
Years: 1988-1990									
Rod Bearing (4) TM-77 CB-1353H STD,.026mm,.25mm				1.7707/1.7717	0.0005/0.0034	0.0591	1.8898/1.8907	0.7680	
NOTE: H-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (4) TM-77 CB-1353HX STD				1.7707/1.7717	0.0015/0.0044	0.0586	1.8898/1.8907	0.7680	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
3	2157 CC (2.2L) DOHC 16V L4 VTEC H22A1			3.425"/87.0mm x 3.571"/90.7mm					3
	Years: 1993-1996								
2157 CC (2.2L) DOHC 16V L4 VTEC H22A4			3.425"/87.0mm x 3.571"/90.7mm						
Years: 1997-2001									
Rod Bearing (4) TM-77 CB-1780H STD,.25mm				1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650	
NOTE: H-Series Performance No Dowel Hole In Cap Half									
Rod Bearing (4) TM-77 CB-1780HK STD				1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650	
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									
Rod Bearing (4) TM-77 CB-1780HX STD				1.8888/1.8898	0.0018/0.0046	0.0584	2.0079/2.0087	0.7650	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half									
Rod Bearing (4) TM-77 CB-1780HXK STD				1.8888/1.8898	0.0018/0.0046	0.0584	2.0079/2.0087	0.7650	
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half									



ENGINE	YEAR	BORE & STROKE	BLOCK
122 CID (2.0L) DOHC 16V L4 Ford Zetec	2001-2004	3.339"/84.8mm X 3.461"/87.9mm	1
140 CID (2.3L) DOHC 16V L4 Ford MZR L3V	2003-2008	3.440"/87.4mm X 3.700"/94.0mm	2
140 CID (2.3L) DOHC 16V L4 Ford MZR L3X	2007-2008	3.440"/87.4mm X 3.700"/94.0mm	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	122 CID (2.0L) DOHC 16V L4 Ford Zetec Years: 2001-2004			3.339"/84.8mm x 3.461"/87.9mm				1
Rod Bearing (4)	TM-77	CB-1774H	STD,.026mm,.25mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1774HX	STD	1.8461/1.8468	0.0018/0.0027	0.0580	1.9642/1.9650	0.8020
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2208H	STD,.026mm,.25mm	2.2827/2.2834 0.0003/0.0016 0.0842 2.4522/2.4528 0.7710 2.2827/2.2834 0.0007/0.0030 0.0842 2.4522/2.4528 0.9730				
1-2-4-5		MB-3753H						
3		MB-3754H(F)						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-2208HX	STD	2.2827/2.2834 0.0013/0.0026 0.0837 2.4522/2.4528 0.7710 2.2827/2.2834 0.0017/0.0040 0.0837 2.4522/2.4528 0.9730				
1-2-4-5		MB-3753HX						
3		MB-3754HX(F)						
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half								
2	140 CID (2.3L) DOHC 16V L4 Ford MZR L3V Years: 2003-2008			3.440"/87.4mm x 3.700"/94.0mm				2
	140 CID (2.3L) DOHC 16V L4 Ford MZR L3X Years: 2007-2008			3.440"/87.4mm x 3.700"/94.0mm				
Rod Bearing (4)	TM-77	CB-1838H	STD,.026mm,.25mm	1.9677/1.9685	0.0010/0.0020	0.0598	2.0875/2.0883	0.6653
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1838HK	STD	1.9677/1.9685	0.0010/0.0020	0.0598	2.0875/2.0883	0.6653
NOTE: H-Series Performance with TriArmor Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1838HX	STD	1.9677/1.9685	0.0020/0.0030	0.0593	2.0875/2.0883	0.6653
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								
Rod Bearing (4)	TM-77	CB-1838HXX	STD	1.9677/1.9685	0.0020/0.0030	0.0593	2.0875/2.0883	0.6653
NOTE: H-Series Performance with TriArmor Bearing Wall .0005" Thinner For .0010" More Oil Clearance Maximum Wall Does Not Include Coating Thickness, No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2245H	STD•	2.0464/2.0472 0.0004/0.0024 0.0986 2.2448/2.2455 0.7520 2.0464/2.0472 0.0006/0.0027 0.0985 2.2448/2.2455 1.0140				
1-2-4-5		MB-3822H						
3		MB-3823H(F)						
NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half								



• - New number, ‡ - To be discontinued

ENGINE	YEAR	BORE & STROKE	BLOCK
1595 CC (1.6L) DOHC 16V L4 4G61	1991-1992	3.240"/82.3mm X 2.953"/75.0mm	1
1595 CC (1.6L) DOHC 16V Turbo. L4 4G61	1989-1990	3.240"/82.3mm X 2.953"/75.0mm	1
1597 CC (1.6L) SOHC 8V Turbo. L4 G32B	1985-1988	3.028"/76.9mm X 3.386"/86.0mm	1
1755 CC (1.8L) SOHC 8V L4 4G37	1989-1994	3.173"/80.6mm X 3.386"/86.0mm	1
1794 CC (1.8L) SOHC 8V L4 G62B	1983	3.173"/80.6mm X 3.460"/88.0mm	1
1794 CC (1.8L) SOHC 8V Turbo. L4 G62B	1984-1988	3.173"/80.6mm X 3.460"/88.0mm	1
1997 CC (2.0L) SOHC 8V L4 4G63	1989-1992	3.346"/85.0mm X 3.465"/88.0mm	2
1997 CC (2.0L) SOHC 16V L4 4G63	1993	3.346"/85.0mm X 3.465"/88.0mm	3
1997 CC (2.0L) SOHC 8V L4 G63B	1983-1989	3.346"/85.0mm X 3.465"/88.0mm	4
1997 CC (2.0L) DOHC 16V L4 4G63	1989-1994	3.346"/85.0mm X 3.465"/88.0mm	2
1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T	1989-1999	3.346"/85.0mm X 3.465"/88.0mm	5
2351 CC (2.4L) SOHC 8V L4 4G64	1989-1996	3.406"/86.5mm X 3.937"/100.0mm	3
2351 CC (2.4L) SOHC 16V L4 4G64	1993-2005	3.406"/86.5mm X 3.937"/100.0mm	6
2351 CC (2.4L) SOHC 8V L4 G64B	1985-1988	3.406"/86.5mm X 3.937"/100.0mm	4
2351 CC (2.4L) DOHC 16V L4 4G64	1994	3.406"/86.5mm X 3.937"/100.0mm	3

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK
G37	3.386in/86.0mm	1

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
1	1595 CC (1.6L) DOHC 16V L4 4G61			3.240"/82.3mm x 2.953"/75.0mm					1
	Years: 1991-1992								
	1595 CC (1.6L) DOHC 16V Turbo. L4 4G61			3.240"/82.3mm x 2.953"/75.0mm					
	Years: 1989-1990								
	1597 CC (1.6L) SOHC 8V Turbo. L4 G32B			3.028"/76.9mm x 3.386"/86.0mm					
	Years: 1985-1988								
1755 CC (1.8L) SOHC 8V L4 4G37			3.173"/80.6mm x 3.386"/86.0mm						
Years: 1989-1994									
1794 CC (1.8L) SOHC 8V L4 G62B			3.173"/80.6mm x 3.460"/88.0mm						
Years: 1983									
1794 CC (1.8L) SOHC 8V Turbo. L4 G62B			3.173"/80.6mm x 3.460"/88.0mm						
Years: 1984-1988									
Rod Bearing (4)	TM-77	CB-1120HN	STD,.026mm,.25mm	1.7710/1.7717	0.0006/0.0027	0.0587	1.8897/1.8905	0.8550	
NOTE: H-Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (4)	TM-77	CB-1120HXN	STD	1.7710/1.7717	0.0016/0.0037	0.0582	1.8897/1.8905	0.8550	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Crankshaft Forging	G37								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
2	1997 CC (2.0L) SOHC 8V L4 4G63 Years: 1989-1992			3.346"/85.0mm x 3.465"/88.0mm				2
	1997 CC (2.0L) DOHC 16V L4 4G63 Years: 1989-1994			3.346"/85.0mm x 3.465"/88.0mm				
Rod Bearing (4)	VP-3	CB-1643HN	STD•,.026mm•,.25mm•	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	
For Year(s): 1992-1994 NOTE: H Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)								
Rod Bearing (4)	VP-3	CB1643HXN	STD•	1.7710/1.7717	0.0016/0.0040	0.0583	1.8897/1.8905	
For Year(s): 1992-1994 NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)								
Rod Bearing (4)	TM-77	CB-1120HN	STD,.026mm,.25mm	1.7710/1.7717	0.0006/0.0027	0.0587	1.8897/1.8905	0.8550
For Year(s): 1989-1992 NOTE: H-Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (Thru 3/92)								
Rod Bearing (4)	TM-77	CB-1120HXN	STD	1.7710/1.7717	0.0016/0.0037	0.0582	1.8897/1.8905	0.8550
For Year(s): 1989-1992 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (Thru 3/92)								
Main Bearing Set	VP-3	MS-2039H	STD•,.026mm•,.25mm•	2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050
1-2-4-5		MB-3504H		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050
3		MB-3505H(F)						
For Year(s): 1992-1994 NOTE: H Series Performance (From 4/92)								
Main Bearing Set	VP-3	MS-2039HX	STD•	2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050
1-2-4-5		MB-3504HX		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050
3		MB-3505HX(F)						
For Year(s): 1992-1994 NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance (From 4/92)								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
3	1997 CC (2.0L) SOHC 16V L4 4G63			3.346"/85.0mm x 3.465"/88.0mm					3
	Years: 1993								
	2351 CC (2.4L) SOHC 8V L4 4G64			3.406"/86.5mm x 3.937"/100.0mm					
Years: 1989-1996									
2351 CC (2.4L) DOHC 16V L4 4G64			3.406"/86.5mm x 3.937"/100.0mm						
Years: 1994									
Rod Bearing (4)	VP-3	CB-1643HN	STD•,.026mm•,.25mm•	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905		
For Year(s): 1992-1996									
NOTE: H Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)									
Rod Bearing (4)	VP-3	CB1643HXX	STD•	1.7710/1.7717	0.0016/0.0040	0.0583	1.8897/1.8905		
For Year(s): 1992-1996									
NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)									
Main Bearing Set	VP-3	MS-2039H	STD•,.026mm•,.25mm•						
1-2-4-5		MB-3504H		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050	
3		MB-3505H(F)		2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050	
For Year(s): 1992-1996									
NOTE: H Series Performance (From 4/92)									
Main Bearing Set	VP-3	MS-2039HX	STD•						
1-2-4-5		MB-3504HX		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050	
3		MB-3505HX(F)		2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050	
For Year(s): 1992-1996									
NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance (From 4/92)									
Balance Shaft Bearing Set	AL-3	SH-1469S	STD						
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
4	1997 CC (2.0L) SOHC 8V L4 G63B			3.346"/85.0mm x 3.465"/88.0mm					4
	Years: 1983-1989								
	2351 CC (2.4L) SOHC 8V L4 G64B			3.406"/86.5mm x 3.937"/100.0mm					
Years: 1985-1988									
Rod Bearing (4)	TM-77	CB-1120HN	STD,.026mm,.25mm	1.7710/1.7717	0.0006/0.0027	0.0587	1.8897/1.8905	0.8550	
NOTE: H-Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									
Rod Bearing (4)	TM-77	CB-1120HXX	STD	1.7710/1.7717	0.0016/0.0037	0.0582	1.8897/1.8905	0.8550	
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
5	1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T			3.346"/85.0mm x 3.465"/88.0mm				5
Years: 1989-1999								
Rod Bearing (4) For Year(s): 1992-1999 NOTE: H Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)	VP-3	CB-1643HN	STD•,.026mm•,.25mm•	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	
Rod Bearing (4) For Year(s): 1992-1999 NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (From 4/92)	VP-3	CB1643HXN	STD•	1.7710/1.7717	0.0016/0.0040	0.0583	1.8897/1.8905	
Rod Bearing (4) For Year(s): 1989-1992 NOTE: H-Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (Thru 3/92)	TM-77	CB-1120HN	STD,.026mm,.25mm	1.7710/1.7717	0.0006/0.0027	0.0587	1.8897/1.8905	0.8550
Rod Bearing (4) For Year(s): 1989-1992 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half (Thru 3/92)	TM-77	CB-1120HXN	STD	1.7710/1.7717	0.0016/0.0037	0.0582	1.8897/1.8905	0.8550
Main Bearing Set 1-2-4-5 3 For Year(s): 1992-1999 NOTE: H Series Performance (From 4/92)	VP-3	MS-2039H MB-3504H MB-3505H(F)	STD•,.026mm•,.25mm•	2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050 0.8050
Main Bearing Set 1-2-4-5 3 For Year(s): 1992-1999 NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance (From 4/92)	VP-3	MS-2039HX MB-3504HX MB-3505HX(F)	STD•	2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050 0.8050
Main Bearing Set 1-2-3-4-5 For Year(s): 1997-1999 NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-677S	TM-77	MS-2261H MB-3504H	STD•,.026mm•,.25mm•	2.2435/2.2441	0.0005/0.0025	0.0785	2.4016/2.4024	0.8050
Main Bearing Set 1-2-3-4-5 For Year(s): 1997-1999 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-677S	TM-77	MS-2261HX MB-3504HX	STD•	2.2435/2.2441	0.0015/0.0035	0.0780	2.4016/2.4024	0.8050



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
5 (cont.)	1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T Years: 1989-1999			3.346"/85.0mm x 3.465"/88.0mm				5 (cont.)
Thrust Washer Set		TW-677S MB-3854W	STD	2.4842/2.4941			3.1693/3.1791	0.0830
For Year(s): 1997-1999 NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2261P								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
6	2351 CC (2.4L) SOHC 16V L4 4G64 Years: 1993-2005			3.406"/86.5mm x 3.937"/100.0mm				6
Rod Bearing (4)	VP-3	CB-1643HN	STD•, .026mm•, .25mm•	1.7710/1.7717		0.0006/0.0030	0.0588	1.8897/1.8905
For Year(s): 1993-2003 NOTE: H Series Performance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Rod Bearing (4)	VP-3	CB1643HXN	STD•	1.7710/1.7717		0.0016/0.0040	0.0583	1.8897/1.8905
For Year(s): 1993-2003 NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Narrowed For Increased Crank Fillet Clearance No Dowel Hole In Cap Half								
Main Bearing Set	TM-77	MS-2261H MB-3504H	STD•, .026mm•, .25mm•	2.2435/2.2441		0.0005/0.0025	0.0785	2.4016/2.4024
For Year(s): 1997-2005 NOTE: H-Series Performance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-677S								
Main Bearing Set	TM-77	MS-2261HX MB-3504HX	STD•	2.2435/2.2441		0.0015/0.0035	0.0780	2.4016/2.4024
For Year(s): 1997-2005 NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance Grooved Upper Half And Plain Lower Half Requires Thrust Washer Set, Not Included Use with Part Number TW-677S								
Main Bearing Set	VP-3	MS-2039H MB-3504H 3 MB-3505H(F)	STD•, .026mm•, .25mm•	2.2435/2.2441		0.0005/0.0025	0.0785	2.4016/2.4024
For Year(s): 1993-1997 NOTE: H Series Performance								
Main Bearing Set	VP-3	MS-2039HX MB-3504HX 3 MB-3505HX(F)	STD•	2.2435/2.2441		0.0015/0.0035	0.0780	2.4016/2.4024
For Year(s): 1993-1997 NOTE: H Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance								
Thrust Washer Set		TW-677S MB-3854W	STD	2.4842/2.4941			3.1693/3.1791	0.0830
For Year(s): 1997-2005 NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2261P								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
6 (cont.)	2351 CC (2.4L) SOHC 16V L4 4G64 Years: 1993-2005			3.406"/86.5mm x 3.937"/100.0mm				6 (cont.)
Balance Shaft	AL-3	SH-1469S	STD					
Bearing Set								
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268

TOYOTA

ENGINE	YEAR	BORE & STROKE	BLOCK
2997 CC (3.0L) DOHC 24V L6 2JZGE	1993-1998	3.386"/86.0mm X 3.386"/86.0mm	1
2997 CC (3.0L) DOHC 24V Turbo. L6 2JZGTE	1993-1998	3.386"/86.0mm X 3.386"/86.0mm	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	2997 CC (3.0L) DOHC 24V L6 2JZGE Years: 1993-1998			3.386"/86.0mm x 3.386"/86.0mm				1
	2997 CC (3.0L) DOHC 24V Turbo. L6 2JZGTE Years: 1993-1998			3.386"/86.0mm x 3.386"/86.0mm				
Rod Bearing (6)	TM-77	CB-1628H	STD,.25mm	2.0465/2.0472	0.0014/0.0021	0.0595	2.1663/2.1670	0.7600
NOTE: H-Series Performance No Dowel Hole In Cap Half								
Rod Bearing (6)	TM-77	CB-1628HX	STD	2.0465/2.0472	0.0024/0.0031	0.0590	2.1663/2.1670	0.7600
NOTE: H-Series Performance Bearing Wall .0005" Thinner For .0010" More Oil Clearance No Dowel Hole In Cap Half								



ENGINE	YEAR	BORE & STROKE	BLOCK
1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8	1997-2000	2.953"/75.0mm X 3.543"/90.0mm	1
1678 CC (1.7L) DOHC 16V L4 VTEC B17A1	1992-1993	3.189"/81.0mm X 3.189"/81.0mm	2
1797 CC (1.8L) DOHC 16V L4 VTEC B18C1	1994-2001	3.189"/81.0mm X 3.433"/87.2mm	3
1797 CC (1.8L) DOHC 16V L4 VTEC B18C5	1997-2001	3.189"/81.0mm X 3.433"/87.2mm	3
1834 CC (1.8L) DOHC 16V L4 B18A1	1990-1993	3.189"/81.0mm X 3.504"/89.0mm	2
1834 CC (1.8L) DOHC 16V L4 B18B1	1994-2001	3.189"/81.0mm X 3.504"/89.0mm	2
1998 CC (2.0L) DOHC 16V L4 VTEC K20A2	2002-2004	3.390"/86.1mm X 3.386"/86.0mm	4
1998 CC (2.0L) DOHC 16V L4 VTEC K20A3	2002-2006	3.390"/86.1mm X 3.386"/86.0mm	5
1998 CC (2.0L) DOHC 16V L4 VTEC K20Z1	2005-2006	3.390"/86.1mm X 3.386"/86.0mm	4
2156 CC (2.2L) SOHC 16V L4 VTEC F22B1	1997	3.346"/85.0mm X 3.740"/95.0mm	6
2254 CC (2.3L) SOHC 16V L4 VTEC F23A1	1998-1999	3.386"/86.0mm X 3.820"/97.0mm	7
2354 CC (2.4L) DOHC 16V L4 VTEC K24A2	2004-2008	3.420"/87.0mm X 3.890"/99.0mm	8
2675 CC (2.7L) SOHC 24V V6 C27A1	1990	3.425"/87.0mm X 2.953"/75.0mm	9
3165 CC (3.2L) SOHC 24V V6 Isuzu 6VD1	1996-1997	3.677"/93.4mm X 3.031"/77.0mm	10

MODEL	ENGINE	YEAR	BLOCK
CL	2156 CC (2.2L) SOHC 16V L4 VTEC F22B1	1997	6
CL	2254 CC (2.3L) SOHC 16V L4 VTEC F23A1	1998-1999	7
EL	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8	1997-2000	1
Integra	1678 CC (1.7L) DOHC 16V L4 VTEC B17A1	1992-1993	2
Integra	1797 CC (1.8L) DOHC 16V L4 VTEC B18C1	1994-2001	3
Integra	1797 CC (1.8L) DOHC 16V L4 VTEC B18C5	1997-2001	3
Integra	1834 CC (1.8L) DOHC 16V L4 B18A1	1990-1993	2
Integra	1834 CC (1.8L) DOHC 16V L4 B18B1	1994-2001	2
Legend	2675 CC (2.7L) SOHC 24V V6 C27A1	1990	9
RSX	1998 CC (2.0L) DOHC 16V L4 VTEC K20A2	2002-2004	4
RSX	1998 CC (2.0L) DOHC 16V L4 VTEC K20A3	2002-2006	5
RSX	1998 CC (2.0L) DOHC 16V L4 VTEC K20Z1	2005-2006	4
SLX	3165 CC (3.2L) SOHC 24V V6 Isuzu 6VD1	1996-1997	10
TSX	2354 CC (2.4L) DOHC 16V L4 VTEC K24A2	2004-2008	8

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
C7917	3.504in/89.0mm	2	PH7	2.953in/75.0mm	9	PR4	3.504in/89.0mm	2

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
321	3.543in/90.0mm	1	4456	3.543in/90.0mm	1			
4434	2.953in/75.0mm	9	KN224	3.031in/77.0mm	10			



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8 VIN Code: '-' (1997-2000)			2.953"/75.0mm x 3.543"/90.0mm				1
Rod Bearing (4)	TM-1	CB-1461P	STD,.25mm,.50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804P								
Crankshaft Forging 321, 4456								
2	1678 CC (1.7L) DOHC 16V L4 VTEC B17A1 VIN Code: '-' (1992-1993)			3.189"/81.0mm x 3.189"/81.0mm				2
	1834 CC (1.8L) DOHC 16V L4 B18A1 VIN Code: '-' (1990-1993)			3.189"/81.0mm x 3.504"/89.0mm				
	1834 CC (1.8L) DOHC 16V L4 B18B1 VIN Code: '-' (1994-2001)			3.189"/81.0mm x 3.504"/89.0mm				
Rod Bearing (4)	TM-1	CB-1353P	STD,.25mm,.50mm	1.7707/1.7717	0.0005/0.0034	0.0591	1.8898/1.8907	0.7680
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2095P								
Connecting Rod Forging C7917, PR4								
3	1797 CC (1.8L) DOHC 16V L4 VTEC B18C1 VIN Code: '-' (1994-2001)			3.189"/81.0mm x 3.433"/87.2mm				3
	1797 CC (1.8L) DOHC 16V L4 VTEC B18C5 VIN Code: '-' (1997-2001)			3.189"/81.0mm x 3.433"/87.2mm				
Rod Bearing (4)	TM-77	CB-1785P	STD,.25mm	1.7707/1.7717	0.0008/0.0015	0.0595	1.8898/1.8907	0.6880
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2095P								
4	1998 CC (2.0L) DOHC 16V L4 VTEC K20A2 VIN Code: '-' (2002-2004)			3.390"/86.1mm x 3.386"/86.0mm				4
	1998 CC (2.0L) DOHC 16V L4 VTEC K20Z1 VIN Code: '-' (2005-2006)			3.390"/86.1mm x 3.386"/86.0mm				
Rod Bearing (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898		0.0596	2.0079	0.6102
Main Bearing Set 1-2-3-4-5	AL-3	MS-2265AL MB-3895AL	STD,.25mm,.50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-681S								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
4 (cont.)	1998 CC (2.0L) DOHC 16V L4 VTEC K20A2 VIN Code: '-' (2002-2004)			3.390"/86.1mm x 3.386"/86.0mm				4 (cont.)
	1998 CC (2.0L) DOHC 16V L4 VTEC K20Z1 VIN Code: '-' (2005-2006)			3.390"/86.1mm x 3.386"/86.0mm				
	Thrust Washer Set	TW-681S	STD					
		MB-3902W		2.4705			3.2185/3.2283	0.0984
	NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2265AL							
5	1998 CC (2.0L) DOHC 16V L4 VTEC K20A3 VIN Code: '-' (2002-2006)			3.390"/86.1mm x 3.386"/86.0mm				5
	Rod Bearing (4)	TM-77 CB-1860P	STD,.25mm,.50mm	1.7707/1.7717		0.0596	1.8898	0.6102
	Main Bearing Set	AL-3 MS-2265AL	STD,.25mm,.50mm					
		1-2-3-4-5 MB-3895AL		2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
	NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-681S							
	Thrust Washer Set	TW-681S	STD					
		MB-3902W		2.4705			3.2185/3.2283	0.0984
	NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2265AL							
6	2156 CC (2.2L) SOHC 16V L4 VTEC F22B1 VIN Code: '-' (1997)			3.346"/85.0mm x 3.740"/95.0mm				6
	Rod Bearing (4)	TM-1 CB-1456P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0590	2.0079/2.0087	0.7640
	Main Bearing Set	TM-1 MS-2012P	STD,.25mm,.50mm					
		1-2-3-4-5 MB-3474P		1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
	NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-587S							
	Thrust Washer Set	TW-587S	STD					
		MB-3474W		2.2641			3.0713	0.0980
	NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012P							
7	2254 CC (2.3L) SOHC 16V L4 VTEC F23A1 VIN Code: '-' (1998-1999)			3.386"/86.0mm x 3.820"/97.0mm				7
	Rod Bearing (4)	TM-77 CB-1860P	STD,.25mm,.50mm	1.7707/1.7717		0.0596	1.8898	0.6102
	Thrust Washer Set	TW-681S	STD					
		MB-3902W		2.4705			3.2185/3.2283	0.0984
8	2354 CC (2.4L) DOHC 16V L4 VTEC K24A2 VIN Code: '-' (2004-2008)			3.420"/87.0mm x 3.890"/99.0mm				8
	Rod Bearing (4)	TM-77 CB-1861P	STD,.25mm,.50mm	1.8888/1.8898		0.0596	2.0079	0.6102
	Thrust Washer Set	TW-681S	STD					
		MB-3902W		2.4705			3.2185/3.2283	0.0984
6 CYL								
9	2675 CC (2.7L) SOHC 24V V6 C27A1 VIN Code: '-' (1990)			3.425"/87.0mm x 2.953"/75.0mm				9
	Rod Bearing (6)	TM-1 CB-1457P	STD,.25mm	2.0463/2.0472	0.0010/0.0020	0.0592	2.1654/2.1663	0.6890
	Connecting Rod Forging	PH7						
	Crankshaft Forging	4434						

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
10	3165 CC (3.2L) SOHC 24V V6 Isuzu 6VD1			3.677"/93.4mm x 3.031"/77.0mm				10
VIN Code: 'V' (1996-1997)								
Rod Bearing (6)	TM-1	CB-1830P	STD, .25mm, .50mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740
Main Bearing Set	TM-1	MS-2236P	STD, .25mm, .50mm					
1-4		MB-3805P		2.5165/2.5170	0.0010/0.0033	0.0995	2.7157/2.7165	0.7280
2-3		MB-3806P		2.5165/2.5170	0.0010/0.0033	0.0995	2.7157/2.7165	0.6500
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-615S								
Thrust Washer Set		TW-615S	STD					
		MB-3807W		2.7953/2.8051				0.0770
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2236P								
Crankshaft Forging	KN224							

AUDI

ENGINE	YEAR	BORE & STROKE	BLOCK
1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen AEB	1997-2000	3.189"/81.0mm X 3.402"/86.4mm	1
1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen ATW	2000	3.189"/81.0mm X 3.402"/86.4mm	1
1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen AWM	2001	3.189"/81.0mm X 3.402"/86.4mm	1
1984 CC (2.0L) SOHC 8V L4 Volkswagen 3A	1990-1991	3.248"/82.5mm X 3.650"/92.7mm	2
2226 CC (2.2L) SOHC 10V Turbo. L5 Volkswagen MC	1990-1991	3.189"/81.0mm X 3.386"/86.0mm	3
2226 CC (2.2L) DOHC 20V Turbo. L5 AAN	1992-1995	3.189"/81.0mm X 3.386"/86.0mm	3
2309 CC (2.3L) SOHC 10V L5 Volkswagen NF	1990-1991	3.248"/82.5mm X 3.386"/86.0mm	3
2309 CC (2.3L) SOHC 10V L5 Volkswagen NG	1990-1992	3.248"/82.5mm X 3.386"/86.0mm	3
2309 CC (2.3L) DOHC 20V L5 Volkswagen 7A	1990-1991	3.248"/82.5mm X 3.386"/86.0mm	3
2771 CC (2.8L) DOHC 30V V6 Volkswagen AHA	1998-1999	3.248"/82.5mm X 3.400"/86.4mm	4

MODEL	ENGINE	YEAR	BLOCK
100	2309 CC (2.3L) SOHC 10V L5 Volkswagen NF	1990-1991	3
200	2226 CC (2.2L) SOHC 10V Turbo. L5 Volkswagen MC	1990-1991	3
80	1984 CC (2.0L) SOHC 8V L4 Volkswagen 3A	1990-1991	2
80	2309 CC (2.3L) SOHC 10V L5 Volkswagen NG	1990-1992	3
90	2309 CC (2.3L) SOHC 10V L5 Volkswagen NG	1990-1992	3
90 Quattro	2309 CC (2.3L) DOHC 20V L5 Volkswagen 7A	1990-1991	3
A4	1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen AEB	1997-2000	1
A4	1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen ATW	2000	1
A4	1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen AWM	2001	1
A4	2771 CC (2.8L) DOHC 30V V6 Volkswagen AHA	1998-1999	4
A6	2771 CC (2.8L) DOHC 30V V6 Volkswagen AHA	1998-1999	4
Coupe Quattro	2309 CC (2.3L) DOHC 20V L5 Volkswagen 7A	1990-1991	3
S4	2226 CC (2.2L) DOHC 20V Turbo. L5 AAN	1992-1994	3
S6	2226 CC (2.2L) DOHC 20V Turbo. L5 AAN	1995	3



CRANKSHAFT FORGING NUMBERS

FORGING NO **STROKE** **BLOCK**
 035D 3.386in/86.0mm 3

COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
4 CYL										
1	1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen AEB			3.189"/81.0mm x 3.402"/86.4mm				1		
	VIN Code: 'B' (1997-2000)									
	1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen ATW			3.189"/81.0mm x 3.402"/86.4mm						
VIN Code: 'C' (2000)										
1781 CC (1.8L) DOHC 20V Turbo. L4 Volkswagen AWM			3.189"/81.0mm x 3.402"/86.4mm							
VIN Code: 'C' (2001)										
Rod Bearing (4)	TM-1	CB-1821P	STD,.25mm,.50mm	1.8802/1.8810	0.0008/0.0026	0.0554	1.9921/1.9926	0.7480		
Main Bearing Set 1-2-3-5 4	AL-6	MS-2227AL MB-3792AL MB-3793AL	STD,.25mm,.50mm	2.1243/2.1251 2.1243/2.1251	0.0007/0.0030 0.0008/0.0032	0.0985	2.3228/2.3236 2.3228/2.3236	0.7283 0.7283		
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-612S										
Thrust Washer Set		TW-612S MB-3794WL MB-3794WU	STD	2.3425 2.3425		0.0778	2.8819 2.8819			
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2227AL										
5 CYL										
2	1984 CC (2.0L) SOHC 8V L4 Volkswagen 3A			3.248"/82.5mm x 3.650"/92.7mm				2		
	VIN Codes: 'A' (1990), 'B' (1990-1991)									
	Rod Bearing (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553		1.9921/1.9929	0.7480
	Main Bearing Set 1-2-4-5 3	TM-77	MS-2070P-.25mm MB-692AL MB-3567P(F)		2.1236/2.1244 2.1236/2.1244	0.0016/0.0041 0.0016/0.0041	0.0985		2.3228/2.3236 2.3228/2.3236	0.7280 0.9820
	NOTE: All Sizes Contain Standard Length Flanged Bearing Will Also Service Engines Equipped With Thrust Washers									
3	2226 CC (2.2L) SOHC 10V Turbo. L5 Volkswagen MC			3.189"/81.0mm x 3.386"/86.0mm				3		
	VIN Code: 'D' (1990-1991)									
	2226 CC (2.2L) DOHC 20V Turbo. L5 AAN			3.189"/81.0mm x 3.386"/86.0mm						
	VIN Codes: 'A' (1995), 'P' (1992-1993), 'R' (1992-1994)									
	2309 CC (2.3L) SOHC 10V L5 Volkswagen NF			3.248"/82.5mm x 3.386"/86.0mm						
	VIN Code: 'C' (1990-1991)									
2309 CC (2.3L) SOHC 10V L5 Volkswagen NG			3.248"/82.5mm x 3.386"/86.0mm							
VIN Codes: 'C' (1990-1992), 'D' (1990-1992)										
2309 CC (2.3L) DOHC 20V L5 Volkswagen 7A			3.248"/82.5mm x 3.386"/86.0mm							
VIN Code: 'E' (1990-1991)										
Rod Bearing (5)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480		
Crankshaft Forging	035D									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
4	2771 CC (2.8L) DOHC 30V V6 Volkswagen AHA			3.248"/82.5mm x 3.400"/86.4mm				4
VIN Codes: 'A' (1998-1999), 'D' (1998-1999)								
Rod Bearing (6)	TM-1	CB-1823P	STD,.25mm	2.1243/2.1251	0.0008/0.0027	0.0711	2.2677/2.2682	0.6693
Main Bearing Set 1-2-3-4	TM-1	MS-2228P MB-3795P	STD	2.5574/2.5582	0.0008/0.0027	0.0987	2.7559/2.7567	0.7087
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-613S								
Thrust Washer Set		TW-613S MB-3796WL MB-3796WU	STD	2.7756 2.7756		0.0774	3.3425 3.3425	
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-2228P								

BMW

ENGINE	YEAR	BORE & STROKE	BLOCK
3430 CC (3.4L) SOHC 12V L6 M30	1990-1993	3.622"/92.0mm X 3.390"/86.1mm	1

MODEL	ENGINE	YEAR	BLOCK
535i	3430 CC (3.4L) SOHC 12V L6 M30	1990-1993	1
735i	3430 CC (3.4L) SOHC 12V L6 M30	1990-1992	1
735iL	3430 CC (3.4L) SOHC 12V L6 M30	1990-1992	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	3430 CC (3.4L) SOHC 12V L6 M30			3.622"/92.0mm x 3.390"/86.1mm				1
VIN Code: '-' (1990-1993)								
Rod Bearing (6)	TM-77	CB-809P	STD,.25mm	1.8888/1.8894	0.0013/0.0033	0.0785	2.0472/2.0476	0.7870

CHRYSLER

ENGINE	YEAR	BORE & STROKE	BLOCK
90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15 Carbureted	1990	2.972"/75.5mm X 3.228"/82.0mm	1
90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15	1990-1992	2.972"/75.5mm X 3.228"/82.0mm	1
90 CID (1.5L) SOHC 12V L4 Mitsubishi "Q" 4G15	1991-1996	2.972"/75.5mm X 3.228"/82.0mm	1



ENGINE	YEAR	BORE & STROKE	BLOCK
98 CID (1.6L) DOHC 16V L4 Mitsubishi	1990	3.240"/82.3mm X 2.953"/75.0mm	2
98 CID (1.6L) SOHC 8V Turbo. L4 Mitsubishi	1990	3.028"/76.9mm X 3.386"/86.0mm	2
107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37	1990-1994	3.173"/80.6mm X 3.386"/86.0mm	3
112 CID (1.8L) SOHC 16V L4 Mitsubishi 4G93	1992-1996	3.189"/81.0mm X 3.504"/89.0mm	4
122 CID (2.0L) SOHC 16V L4	1995-2005	3.445"/87.5mm X 3.268"/83.0mm	5
122 CID (2.0L) DOHC 16V L4 420A	1995-1999	3.445"/87.5mm X 3.268"/83.0mm	5
122 CID (2.0L) DOHC 16V L4 ECC	1995-1999	3.445"/87.5mm X 3.268"/83.0mm	5
122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B	1990-1992	3.346"/85.0mm X 3.465"/88.0mm	6
122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63	1990-1994	3.346"/85.0mm X 3.465"/88.0mm	6
122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T	1990-1998	3.346"/85.0mm X 3.465"/88.0mm	6
135 CID (2.2L) SOHC 8V L4	1990-1994	3.445"/87.5mm X 3.622"/92.0mm	7
135 CID (2.2L) SOHC 8V Turbo. L4	1990	3.445"/87.5mm X 3.622"/92.0mm	7
135 CID (2.2L) DOHC 16V Turbo. L4	1990-1993	3.445"/87.5mm X 3.622"/92.0mm	7
144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64	1990-1993	3.406"/86.5mm X 3.937"/100.0mm	6
144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64	1993-1996, 2001-2005	3.406"/86.5mm X 3.937"/100.0mm	8
148 CID (2.4L) DOHC 16V L4	1995-2009	3.445"/87.5mm X 3.976"/101.0mm	9
148 CID (2.4L) DOHC 16V Turbo. L4	2003-2009	3.445"/87.5mm X 3.976"/101.0mm	10
150 CID (2.5L) 8V L4 Magnum	1996-2002	3.875"/98.4mm X 3.190"/81.0mm	11
153 CID (2.5L) SOHC 8V L4	1990-1995	3.445"/87.5mm X 4.094"/104.0mm	12
153 CID (2.5L) SOHC 8V Turbo. L4	1990-1992	3.445"/87.5mm X 4.094"/104.0mm	12
165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes OM612 DIESEL	2003	3.465"/88.0mm X 3.480"/88.4mm	13
165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes OM647LA DIESEL	2004-2006	3.465"/88.0mm X 3.480"/88.4mm	13
152 CID (2.5L) SOHC 24V V6 Mitsubishi EEB	1995-2000	3.290"/83.5mm X 2.992"/76.0mm	14
167 CID (2.7L) DOHC 24V V6	1998-2009	3.386"/86.0mm X 3.090"/78.5mm	15
181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-2000	3.587"/91.1mm X 2.992"/76.0mm	16
181 CID (3.0L) SOHC 24V V6 Mitsubishi 6G72	2001-2005	3.587"/91.1mm X 2.992"/76.0mm	16
181 CID (3.0L) DOHC 24V V6 Mitsubishi 6G72	1991-1996	3.587"/91.1mm X 2.992"/76.0mm	16
181 CID (3.0L) DOHC 24V Turbo. V6 Mitsubishi 6G72T	1991-1996	3.587"/91.1mm X 2.992"/76.0mm	16
197 CID (3.2L) SOHC 24V V6	1998-2001	3.622"/92.0mm X 3.189"/81.0mm	17
201 CID (3.3L) 12V V6 CNG	1994-1996	3.661"/93.0mm X 3.189"/81.0mm	18
201 CID (3.3L) 12V V6	1990-2010	3.661"/93.0mm X 3.189"/81.0mm	18
215 CID (3.5L) SOHC 24V V6	1993-1997, 1999-2010	3.780"/96.0mm X 3.189"/81.0mm	19
226 CID (3.7L) SOHC 12V V6 Magnum	2002-2009	3.661"/93.0mm X 3.575"/90.7mm	20
230 CID (3.8L) 12V V6	1991-2008	3.780"/96.0mm X 3.425"/86.8mm	18
231 CID (3.8L) 12V V6	2009-2010	3.780"/96.0mm X 3.425"/87.0mm	18
239 CID (3.9L) 12V V6 Magnum	1992-2003	3.910"/99.3mm X 3.313"/84.1mm	21
239 CID (3.9L) 12V V6	1990-1991	3.910"/99.3mm X 3.313"/84.1mm	21
241 CID (4.0L) SOHC 24V V6	2007-2009	3.780"/96.0mm X 3.583"/91.0mm	22
359 CID (5.9L) 24V Turbo. L6 Cummins HO ISB DIESEL	1998-2004	4.016"/102.0mm X 4.724"/120.0mm	23
359 CID (5.9L) 24V Turbo. L6 Cummins HO QSB DIESEL	2003-2008	4.016"/102.0mm X 4.724"/120.0mm	24
359 CID (5.9L) 12V Turbo. L6 Cummins DIESEL	1990-1998	4.016"/102.0mm X 4.724"/120.0mm	25
408 CID (6.7L) 24V Turbo. L6 Cummins DIESEL	2007-2008	3.347"/85.0mm X 4.080"/124.0mm	26
408 CID (6.7L) 24V Turbo. L6 Cummins ETJ DIESEL	2009	3.347"/85.0mm X 4.080"/124.0mm	26
287 CID (4.7L) SOHC 16V V8 Magnum	2000-2009	3.661"/93.0mm X 3.406"/86.5mm	27
287 CID (4.7L) SOHC 16V V8 Magnum HO	2005-2007	3.661"/93.0mm X 3.406"/86.5mm	27
287 CID (4.7L) SOHC 16V V8 Power-Tech	2008	3.661"/93.0mm X 3.406"/86.5mm	27
318 CID (5.2L) 16V V8 Magnum CNG	1992-2003	3.910"/99.3mm X 3.313"/84.2mm	28
318 CID (5.2L) 16V V8 Magnum	1992-2003	3.910"/99.3mm X 3.313"/84.2mm	28
318 CID (5.2L) 16V V8	1990-1991	3.910"/99.3mm X 3.313"/84.2mm	28
318 CID (5.2L) 16V V8 Magnum LPG	1998-2000	3.910"/99.3mm X 3.313"/84.2mm	28
345 CID (5.7L) 16V V8 HEMI	2003-2010	3.917"/99.5mm X 3.580"/90.9mm	29
345 CID (5.7L) 16V V8 HEMI Hybrid	2009	3.917"/99.5mm X 3.580"/90.9mm	29
360 CID (5.9L) 16V V8 Magnum	1993-2003	4.000"/101.6mm X 3.578"/90.9mm	30
360 CID (5.9L) 16V V8	1990-1992	4.000"/101.6mm X 3.578"/90.9mm	30
370 CID (6.1L) 16V V8 HEMI	2005-2010	4.055"/103.0mm X 3.580"/90.9mm	31



ENGINE	YEAR	BORE & STROKE	BLOCK
488 CID (8.0L) 20V V10 Magnum	1992-2003	4.000"/101.6mm X 3.882"/98.6mm	32
505 CID (8.3L) 20V V10	2003-2006	4.031"/102.4mm X 3.960"/100.6mm	33
515 CID (8.4L) 20V V10	2008-2009	4.055"/103.0mm X 3.960"/100.6mm	33

MODEL	ENGINE	YEAR	BLOCK
2000 GTX	122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B	1990-1992	6
2000 GTX	122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63	1990-1993	6
300	167 CID (2.7L) DOHC 24V V6 EER	2005-2009	15
300	215 CID (3.5L) SOHC 24V V6	1999-2010	19
300	345 CID (5.7L) 16V V8 HEMI	2005-2010	29
300	345 CID (5.7L) 16V V8 HEMI EZD	2005-2010	29
300	345 CID (5.7L) 16V V8 HEMI EZH	2005-2010	29
300	370 CID (6.1L) 16V V8 HEMI	2005-2010	31
Acclaim	153 CID (2.5L) SOHC 8V L4	1990-1995	12
Acclaim	153 CID (2.5L) SOHC 8V Turbo. L4	1990	12
Acclaim	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1995	16
Aspen	287 CID (4.7L) SOHC 16V V8 Magnum	2007-2009	27
Aspen	345 CID (5.7L) 16V V8 HEMI	2007-2009	29
Aspen	345 CID (5.7L) 16V V8 HEMI EZD	2007-2009	29
Aspen	345 CID (5.7L) 16V V8 HEMI EZB	2007-2009	29
Aspen	345 CID (5.7L) 16V V8 HEMI EZE Hybrid	2009	29
Avenger	122 CID (2.0L) DOHC 16V L4 420A	1995-1999	5
Avenger	152 CID (2.5L) SOHC 24V V6 Mitsubishi EEB	1995-2000	14
Avenger	167 CID (2.7L) DOHC 24V V6	2008-2009	15
Avenger	167 CID (2.7L) DOHC 24V V6 EER	2008-2009	15
Avenger	215 CID (3.5L) SOHC 24V V6	2008-2010	19
B-Series	239 CID (3.9L) 12V V6 Magnum	1992-1998	21
B-Series	239 CID (3.9L) 12V V6	1990-1991	21
B-Series	318 CID (5.2L) 16V V8 Magnum CNG	1992-1998	28
B-Series	318 CID (5.2L) 16V V8 Magnum	1992-1998	28
B-Series	318 CID (5.2L) 16V V8	1990-1991	28
B-Series	318 CID (5.2L) 16V V8 Magnum LPG	1998	28
B-Series	360 CID (5.9L) 16V V8 Magnum	1993-1998	30
B-Series	360 CID (5.9L) 16V V8	1990-1992	30
Breeze	122 CID (2.0L) SOHC 16V L4 ECB	1996-2000	5
Breeze	148 CID (2.4L) DOHC 16V L4 EDZ	1996-2000	9
Caravan	148 CID (2.4L) DOHC 16V L4	1996-2007	9
Caravan	153 CID (2.5L) SOHC 8V L4	1990-1995	12
Caravan	153 CID (2.5L) SOHC 8V Turbo. L4	1990	12
Caravan	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-2000	16
Caravan	201 CID (3.3L) 12V V6 CNG	1994-1995	18
Caravan	201 CID (3.3L) 12V V6	1990-2007	18
Caravan	201 CID (3.3L) 12V V6 EGM	1990-2007	18
Caravan	201 CID (3.3L) 12V V6 EGV	1990-2007	18
Caravan	201 CID (3.3L) 12V V6 EGA	1990-2007	18
Caravan	230 CID (3.8L) 12V V6 EGH	1996-1999	18
Challenger	215 CID (3.5L) SOHC 24V V6	2009-2010	19
Challenger	345 CID (5.7L) 16V V8 HEMI EZC	2009-2010	29
Challenger	345 CID (5.7L) 16V V8 HEMI EZH	2009-2010	29
Challenger	345 CID (5.7L) 16V V8 HEMI EZD	2009-2010	29
Challenger	370 CID (6.1L) 16V V8 HEMI	2008-2010	31
Charger	167 CID (2.7L) DOHC 24V V6 EER	2006-2009	15



MODEL	ENGINE	YEAR	BLOCK
Charger	215 CID (3.5L) SOHC 24V V6	2006-2010	19
Charger	345 CID (5.7L) 16V V8 HEMI	2006-2010	29
Charger	345 CID (5.7L) 16V V8 HEMI EZD	2006-2010	29
Charger	345 CID (5.7L) 16V V8 HEMI EZH	2006-2010	29
Charger	370 CID (6.1L) 16V V8 HEMI	2006-2010	31
Cirrus	122 CID (2.0L) SOHC 16V L4 ECB	2000	5
Cirrus	148 CID (2.4L) DOHC 16V L4 EDZ	1995-1997, 2000	9
Cirrus	152 CID (2.5L) SOHC 24V V6 Mitsubishi EEB	1995-2000	14
Colt	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15 Carbureted	1990	1
Colt	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15	1990-1991	1
Colt	90 CID (1.5L) SOHC 12V L4 Mitsubishi "Q" 4G15	1991-1995	1
Colt	98 CID (1.6L) SOHC 8V Turbo. L4 Mitsubishi	1990	2
Colt	107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37	1990	3
Colt	112 CID (1.8L) SOHC 16V L4 Mitsubishi 4G93	1992-1994	4
Colt	122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B	1990-1991	6
Colt	144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64	1992	6
Colt	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64	1993-1994	8
Concorde	167 CID (2.7L) DOHC 24V V6 EER	1998-2004	15
Concorde	197 CID (3.2L) SOHC 24V V6 EGW	1998-2001	17
Concorde	201 CID (3.3L) 12V V6	1993-1996	18
Concorde	215 CID (3.5L) SOHC 24V V6	1993-1997, 2002-2004	19
D-Series	239 CID (3.9L) 12V V6 Magnum	1992-1993	21
D-Series	239 CID (3.9L) 12V V6	1990-1991	21
D-Series	359 CID (5.9L) 12V Turbo. L6 Cummins DIESEL	1990-1993	25
D-Series	318 CID (5.2L) 16V V8 Magnum	1992-1993	28
D-Series	318 CID (5.2L) 16V V8	1990-1991	28
D-Series	360 CID (5.9L) 16V V8 Magnum	1993	30
D-Series	360 CID (5.9L) 16V V8	1990-1992	30
Dakota	150 CID (2.5L) 8V L4 Magnum	1996-2002	11
Dakota	153 CID (2.5L) SOHC 8V L4	1990-1995	12
Dakota	226 CID (3.7L) SOHC 12V V6 Magnum	2004-2009	20
Dakota	239 CID (3.9L) 12V V6 Magnum	1992-2003	21
Dakota	239 CID (3.9L) 12V V6	1990-1991	21
Dakota	287 CID (4.7L) SOHC 16V V8 Magnum	2000-2009	27
Dakota	287 CID (4.7L) SOHC 16V V8 Magnum HO	2005-2007	27
Dakota	287 CID (4.7L) SOHC 16V V8 Power-Tech	2008	27
Dakota	318 CID (5.2L) 16V V8 Magnum CNG	1995-1996	28
Dakota	318 CID (5.2L) 16V V8 Magnum	1992-1999	28
Dakota	318 CID (5.2L) 16V V8	1990-1991	28
Dakota	360 CID (5.9L) 16V V8 Magnum	1998-2003	30
Daytona	135 CID (2.2L) SOHC 8V Turbo. L4	1990	7
Daytona	135 CID (2.2L) DOHC 16V Turbo. L4	1992-1993	7
Daytona	153 CID (2.5L) SOHC 8V L4	1990-1993	12
Daytona	153 CID (2.5L) SOHC 8V Turbo. L4	1990-1992	12
Daytona	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1993	16
Durango	226 CID (3.7L) SOHC 12V V6 Magnum	2004-2009	20
Durango	239 CID (3.9L) 12V V6 Magnum	1998-1999	21
Durango	287 CID (4.7L) SOHC 16V V8 Magnum	2000-2009	27
Durango	318 CID (5.2L) 16V V8 Magnum	1998-2000	28
Durango	345 CID (5.7L) 16V V8 HEMI	2004-2009	29
Durango	345 CID (5.7L) 16V V8 HEMI EZB	2004-2009	29
Durango	345 CID (5.7L) 16V V8 HEMI EZD	2004-2009	29
Durango	345 CID (5.7L) 16V V8 HEMI EZE Hybrid	2009	29
Durango	360 CID (5.9L) 16V V8 Magnum	1998-2003	30
Dynasty	153 CID (2.5L) SOHC 8V L4	1990-1993	12



MODEL	ENGINE	YEAR	BLOCK
Dynasty	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1993	16
Dynasty	201 CID (3.3L) 12V V6	1990-1993	18
Dynasty	201 CID (3.3L) 12V V6 EGA	1990-1993	18
Grand Caravan	148 CID (2.4L) DOHC 16V L4	1996-1997	9
Grand Caravan	153 CID (2.5L) SOHC 8V Turbo. L4	1990	12
Grand Caravan	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-2000	16
Grand Caravan	201 CID (3.3L) 12V V6 CNG	1996	18
Grand Caravan	201 CID (3.3L) 12V V6 EGM	1990-2010	18
Grand Caravan	201 CID (3.3L) 12V V6 EGA	1990-2010	18
Grand Caravan	201 CID (3.3L) 12V V6 EGV	1990-2010	18
Grand Caravan	201 CID (3.3L) 12V V6	1990-2010	18
Grand Caravan	230 CID (3.8L) 12V V6	1994-2008	18
Grand Caravan	230 CID (3.8L) 12V V6 EGH	1994-2008	18
Grand Caravan	231 CID (3.8L) 12V V6	2009-2010	18
Grand Caravan	241 CID (4.0L) SOHC 24V V6	2008-2009	22
Grand Voyager	148 CID (2.4L) DOHC 16V L4	1996-1997	9
Grand Voyager	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-2000	16
Grand Voyager	201 CID (3.3L) 12V V6 CNG	1994-1996	18
Grand Voyager	201 CID (3.3L) 12V V6 EGA	1990-2000	18
Grand Voyager	201 CID (3.3L) 12V V6 EGM	1990-2000	18
Grand Voyager	230 CID (3.8L) 12V V6 EGH	1994-1999	18
Horizon	135 CID (2.2L) SOHC 8V L4	1990	7
Imperial	201 CID (3.3L) 12V V6	1990-1991	18
Imperial	230 CID (3.8L) 12V V6	1991-1993	18
Intrepid	167 CID (2.7L) DOHC 24V V6	1998-2004	15
Intrepid	167 CID (2.7L) DOHC 24V V6 EER	1998-2004	15
Intrepid	197 CID (3.2L) SOHC 24V V6 EGW	1998-2001	17
Intrepid	201 CID (3.3L) 12V V6	1993-1997	18
Intrepid	215 CID (3.5L) SOHC 24V V6	1993-1997, 2000-2004	19
Journey	215 CID (3.5L) SOHC 24V V6	2009-2010	19
Laser	107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37	1990-1994	3
Laser	122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63	1990-1994	6
Laser	122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T	1990-1994	6
LeBaron	135 CID (2.2L) SOHC 8V Turbo. L4	1990	7
LeBaron	153 CID (2.5L) SOHC 8V L4	1990-1995	12
LeBaron	153 CID (2.5L) SOHC 8V Turbo. L4	1990-1992	12
LeBaron	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1995	16
LHS	215 CID (3.5L) SOHC 24V V6	1994-1997, 1999-2001	19
Magnum	167 CID (2.7L) DOHC 24V V6	2005-2008	15
Magnum	215 CID (3.5L) SOHC 24V V6	2005-2008	19
Magnum	345 CID (5.7L) 16V V8 HEMI EZB	2005-2008	29
Magnum	345 CID (5.7L) 16V V8 HEMI	2005-2008	29
Magnum	370 CID (6.1L) 16V V8 HEMI	2006-2008	31
Neon	122 CID (2.0L) SOHC 16V L4 ECB	1995-2005	5
Neon	122 CID (2.0L) SOHC 16V L4	1995-2005	5
Neon	122 CID (2.0L) DOHC 16V L4 ECC	1995-1999	5
Neon	148 CID (2.4L) DOHC 16V Turbo. L4	2003-2005	10
New Yorker	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990	16
New Yorker	201 CID (3.3L) 12V V6	1990-1993	18
New Yorker	201 CID (3.3L) 12V V6 EGA	1990-1993	18
New Yorker	215 CID (3.5L) SOHC 24V V6	1994-1996	19
New Yorker	230 CID (3.8L) 12V V6	1991-1993	18
Nitro	226 CID (3.7L) SOHC 12V V6 Magnum	2007-2009	20
Nitro	241 CID (4.0L) SOHC 24V V6	2007-2009	22
Omni	135 CID (2.2L) SOHC 8V L4	1990	7



MODEL	ENGINE	YEAR	BLOCK
Pacifica	215 CID (3.5L) SOHC 24V V6	2004-2006	19
Pacifica	230 CID (3.8L) 12V V6	2005-2008	18
Pacifica	230 CID (3.8L) 12V V6 EGH	2005-2008	18
Pacifica	241 CID (4.0L) SOHC 24V V6	2007-2008	22
Prowler	215 CID (3.5L) SOHC 24V V6	1997, 1999-2002	19
PT Cruiser	148 CID (2.4L) DOHC 16V L4	2001-2009	9
PT Cruiser	148 CID (2.4L) DOHC 16V L4 EDZ	2001-2009	9
PT Cruiser	148 CID (2.4L) DOHC 16V Turbo. L4	2003-2009	10
Ram	144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64	1990-1993	6
Ram	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1991	16
Ram	226 CID (3.7L) SOHC 12V V6 Magnum	2002-2009	20
Ram	239 CID (3.9L) 12V V6 Magnum	1994-2001	21
Ram	359 CID (5.9L) 24V Turbo. L6 Cummins HO ISB DIESEL	1998-2004	23
Ram	359 CID (5.9L) 24V Turbo. L6 Cummins HO QSB DIESEL	2003-2008	24
Ram	359 CID (5.9L) 12V Turbo. L6 Cummins DIESEL	1994-1998	25
Ram	408 CID (6.7L) 24V Turbo. L6 Cummins DIESEL	2007-2008	26
Ram	408 CID (6.7L) 24V Turbo. L6 Cummins ETJ DIESEL	2009	26
Ram	287 CID (4.7L) SOHC 16V V8 Magnum	2002-2009	27
Ram	287 CID (4.7L) SOHC 16V V8 Power-Tech	2008	27
Ram	318 CID (5.2L) 16V V8 Magnum CNG	1995-1997	28
Ram	318 CID (5.2L) 16V V8 Magnum	1994-2001	28
Ram	345 CID (5.7L) 16V V8 HEMI EZC	2003-2010	29
Ram	345 CID (5.7L) 16V V8 HEMI EZD	2003-2010	29
Ram	345 CID (5.7L) 16V V8 HEMI EZH	2003-2010	29
Ram	345 CID (5.7L) 16V V8 HEMI	2003-2010	29
Ram	345 CID (5.7L) 16V V8 HEMI EZB	2003-2010	29
Ram	360 CID (5.9L) 16V V8 Magnum	1994-2003	30
Ram	488 CID (8.0L) 20V V10 Magnum	1994-2003	32
Ram	505 CID (8.3L) 20V V10	2004-2006	33
Ram Van	239 CID (3.9L) 12V V6 Magnum	1999-2003	21
Ram Van	318 CID (5.2L) 16V V8 Magnum CNG	1999-2003	28
Ram Van	318 CID (5.2L) 16V V8 Magnum	1999-2003	28
Ram Van	318 CID (5.2L) 16V V8 Magnum LPG	1999-2000	28
Ram Van	360 CID (5.9L) 16V V8 Magnum	1999-2003	30
Ramcharger	318 CID (5.2L) 16V V8 Magnum	1992-1993	28
Ramcharger	318 CID (5.2L) 16V V8	1990-1991	28
Ramcharger	360 CID (5.9L) 16V V8 Magnum	1993	30
Ramcharger	360 CID (5.9L) 16V V8	1990-1992	30
Sebring	122 CID (2.0L) DOHC 16V L4 420A	1995-1999	5
Sebring	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64	2001-2005	8
Sebring	148 CID (2.4L) DOHC 16V L4	1996-1998, 2001-2006	9
Sebring	148 CID (2.4L) DOHC 16V L4 EDZ	1996-1998, 2001-2006	9
Sebring	152 CID (2.5L) SOHC 24V V6 Mitsubishi EEB	1995-2000	14
Sebring	167 CID (2.7L) DOHC 24V V6	2001-2009	15
Sebring	167 CID (2.7L) DOHC 24V V6 EER	2001-2009	15
Sebring	181 CID (3.0L) SOHC 24V V6 Mitsubishi 6G72	2001-2005	16
Sebring	215 CID (3.5L) SOHC 24V V6	2007-2010	19
Shadow	135 CID (2.2L) SOHC 8V L4	1990-1994	7
Shadow	135 CID (2.2L) SOHC 8V Turbo. L4	1990	7
Shadow	153 CID (2.5L) SOHC 8V L4	1990-1994	12
Shadow	153 CID (2.5L) SOHC 8V Turbo. L4	1990-1992	12
Shadow	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1992-1994	16
Spirit	135 CID (2.2L) DOHC 16V Turbo. L4	1991-1992	7
Spirit	153 CID (2.5L) SOHC 8V L4	1990-1995	12
Spirit	153 CID (2.5L) SOHC 8V Turbo. L4	1990-1992	12



MODEL	ENGINE	YEAR	BLOCK
Spirit	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1995	16
Sprinter	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes OM612 DIESEL	2003	13
Sprinter	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes OM647LA DIESEL	2004-2006	13
Stealth	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1991-1996	16
Stealth	181 CID (3.0L) DOHC 24V V6 Mitsubishi 6G72	1991-1996	16
Stealth	181 CID (3.0L) DOHC 24V Turbo. V6 Mitsubishi 6G72T	1991-1996	16
Stratus	122 CID (2.0L) SOHC 16V L4 ECB	1995-2000	5
Stratus	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64	2001-2005	8
Stratus	148 CID (2.4L) DOHC 16V L4	1995-2006	9
Stratus	148 CID (2.4L) DOHC 16V L4 EDZ	1995-2006	9
Stratus	152 CID (2.5L) SOHC 24V V6 Mitsubishi EEB	1995-2000	14
Stratus	167 CID (2.7L) DOHC 24V V6 EER	2001-2006	15
Stratus	167 CID (2.7L) DOHC 24V V6	2001-2006	15
Stratus	181 CID (3.0L) SOHC 24V V6 Mitsubishi 6G72	2001-2005	16
Summit	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15	1990	1
Summit	90 CID (1.5L) SOHC 12V L4 Mitsubishi "Q" 4G15	1991-1996	1
Summit	98 CID (1.6L) DOHC 16V L4 Mitsubishi	1990	2
Summit	112 CID (1.8L) SOHC 16V L4 Mitsubishi 4G93	1992-1996	4
Summit	144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64	1992	6
Summit	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64	1993-1996	8
Sundance	135 CID (2.2L) SOHC 8V L4	1990-1994	7
Sundance	153 CID (2.5L) SOHC 8V L4	1990-1994	12
Sundance	153 CID (2.5L) SOHC 8V Turbo. L4	1990-1991	12
Sundance	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1992-1994	16
SX 2.0	122 CID (2.0L) SOHC 16V L4 ECB	2003-2005	5
Talon	107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37	1993-1994	3
Talon	122 CID (2.0L) DOHC 16V L4 420A	1995-1998	5
Talon	122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63	1990-1994	6
Talon	122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T	1990-1998	6
TC Maserati	135 CID (2.2L) DOHC 16V Turbo. L4	1990	7
TC Maserati	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-1991	16
Town & Country	201 CID (3.3L) 12V V6 EGV	1990-2010	18
Town & Country	201 CID (3.3L) 12V V6 EGA	1990-2010	18
Town & Country	201 CID (3.3L) 12V V6	1990-2010	18
Town & Country	201 CID (3.3L) 12V V6 EGM	1990-2010	18
Town & Country	230 CID (3.8L) 12V V6	1994-2008	18
Town & Country	230 CID (3.8L) 12V V6 EGH	1994-2008	18
Town & Country	231 CID (3.8L) 12V V6	2009-2010	18
Town & Country	241 CID (4.0L) SOHC 24V V6	2008-2009	22
Viper	488 CID (8.0L) 20V V10 Magnum EWB	1992-2002	32
Viper	488 CID (8.0L) 20V V10 Magnum	1992-2002	32
Viper	505 CID (8.3L) 20V V10	2003-2006	33
Viper	515 CID (8.4L) 20V V10	2008-2009	33
Vision	201 CID (3.3L) 12V V6	1993-1997	18
Vision	215 CID (3.5L) SOHC 24V V6	1993-1997	19
Vista	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15 Carbureted	1990	1
Vista	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15	1991-1992	1
Vista	122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B	1990-1992	6
Voyager	148 CID (2.4L) DOHC 16V L4	1996-2003	9
Voyager	153 CID (2.5L) SOHC 8V L4	1990-1995	12
Voyager	153 CID (2.5L) SOHC 8V Turbo. L4	1990	12
Voyager	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72	1990-2000	16
Voyager	201 CID (3.3L) 12V V6 CNG	1994-1995	18
Voyager	201 CID (3.3L) 12V V6 EGM	1991-2003	18
Voyager	201 CID (3.3L) 12V V6	1991-2003	18



MODEL	ENGINE	YEAR	BLOCK
Voyager	201 CID (3.3L) 12V V6 EGA	1991-2003	18
Voyager	230 CID (3.8L) 12V V6 EGH	1997-1999	18
W-Series	239 CID (3.9L) 12V V6 Magnum	1992-1993	21
W-Series	239 CID (3.9L) 12V V6	1990-1991	21
W-Series	359 CID (5.9L) 12V Turbo. L6 Cummins DIESEL	1990-1993	25
W-Series	318 CID (5.2L) 16V V8 Magnum CNG	1992	28
W-Series	318 CID (5.2L) 16V V8 Magnum	1992-1993	28
W-Series	318 CID (5.2L) 16V V8	1990-1991	28
W-Series	360 CID (5.9L) 16V V8 Magnum	1993	30
W-Series	360 CID (5.9L) 16V V8	1990-1992	30

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
1	3.228in/82.0mm	1	3901566	4.724in/120.0mm	25	782	3.313in/84.2mm	28
1618699	3.313in/84.2mm	28	40F	3.937in/100.0mm	6	D	2.953in/75.0mm	2
218LW	3.622in/92.0mm	7	4448903	3.189in/81.0mm	18	D	3.386in/86.0mm	2
2406782	3.313in/84.2mm	28	4448903	3.425in/86.8mm	18	DC549AAA0143	3.580in/90.9mm	29
31	2.953in/75.0mm	2	4448903	3.425in/87.0mm	18	DC549AAB0904	3.580in/90.9mm	29
31	3.386in/86.0mm	2	5203385	3.622in/92.0mm	7	F	2.953in/75.0mm	2
3418645	3.313in/84.2mm	28	699	3.313in/84.2mm	28	F	3.386in/86.0mm	2
351	3.190in/81.0mm	11	72G	2.992in/76.0mm	16	S	2.953in/75.0mm	2
3901085	4.724in/120.0mm	25	72W	2.992in/76.0mm	16	S	3.386in/86.0mm	2

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
003K	2.992in/76.0mm	16	2264182	3.313in/84.2mm	28	3H	3.622in/92.0mm	7
003K	3.386in/86.0mm	3	2465747	3.313in/84.2mm	28	3KC	3.622in/92.0mm	7
003N	2.992in/76.0mm	16	2532457	3.313in/84.2mm	28	3SF	3.622in/92.0mm	7
003N	3.386in/86.0mm	3	2558393	3.313in/84.2mm	28	3YA	3.465in/88.0mm	6
020201A1	2.992in/76.0mm	16	2656278	3.313in/84.2mm	28	3YA	3.937in/100.0mm	6
020201A1	3.386in/86.0mm	3	2658268	3.313in/84.2mm	28	4027169	3.578in/90.9mm	30
09N	2.992in/76.0mm	16	2658278	3.313in/84.2mm	28	407N	3.465in/88.0mm	6
09N	3.386in/86.0mm	3	2658393	3.313in/84.2mm	28	407N	3.937in/100.0mm	6
1.9	2.992in/76.0mm	16	2843868	3.313in/84.2mm	28	40F	3.465in/88.0mm	6
1.9	3.386in/86.0mm	3	2NABC	3.386in/86.0mm	3	4196N	3.465in/88.0mm	6
10-B	2.992in/76.0mm	16	2Y68-76	3.386in/86.0mm	3	4196N	3.937in/100.0mm	6
10-B	3.386in/86.0mm	3	30R	3.386in/86.0mm	3	45-T	3.465in/88.0mm	6
1174N	2.992in/76.0mm	16	31-87	3.386in/86.0mm	3	45-T	3.937in/100.0mm	6
1174N	3.386in/86.0mm	3	31M	3.386in/86.0mm	3	4A	3.465in/88.0mm	6
11M	2.992in/76.0mm	16	3239611	3.190in/81.0mm	11	4A	3.937in/100.0mm	6
11M	3.386in/86.0mm	3	3281N	3.386in/86.0mm	3	4AC	3.465in/88.0mm	6
1626123	3.313in/84.2mm	28	329880N	3.386in/86.0mm	3	4AC	3.937in/100.0mm	6
1630270	3.313in/84.2mm	28	3418640	3.578in/90.9mm	30	4AL	3.465in/88.0mm	6
1630276	3.313in/84.2mm	28	3418840-2	3.578in/90.9mm	30	4AL	3.937in/100.0mm	6
1650270	3.313in/84.2mm	28	3418995	3.578in/90.9mm	30	4G-3	2.953in/75.0mm	2
1732557	3.313in/84.2mm	28	3462387	3.313in/84.2mm	28	4G-3	3.386in/86.0mm	2
1732559	3.313in/84.2mm	28	3482387	3.313in/84.2mm	28	4G-3	3.386in/86.0mm	3
1732610	3.313in/84.2mm	28	3654	3.189in/81.0mm	18	4G-3	3.268in/83.0mm	5
1826123	3.313in/84.2mm	28	3654	3.425in/86.8mm	18	4G1	2.953in/75.0mm	2
1826129	3.313in/84.2mm	28	3654	3.425in/87.0mm	18	4G1	3.386in/86.0mm	2
1830276	3.313in/84.2mm	28	3751841	3.313in/84.2mm	28	4G1	3.386in/86.0mm	3
19N	2.992in/76.0mm	16	3907804	4.724in/120.0mm	25	4G1	3.268in/83.0mm	5
2128278	3.313in/84.2mm	28	3A	3.622in/92.0mm	7	4G61	2.953in/75.0mm	2
2128869	3.313in/84.2mm	28	3AC	3.622in/92.0mm	7	4G61	3.386in/86.0mm	2
2205700	3.313in/84.2mm	28	3AH	3.622in/92.0mm	7	4G61	3.386in/86.0mm	3
2205702	3.313in/84.2mm	28	3B	3.622in/92.0mm	7	4G61	3.268in/83.0mm	5
2258393	3.313in/84.2mm	28	3E	3.622in/92.0mm	7	4K	2.953in/75.0mm	2



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
4K	3.386in/86.0mm	2	5G9-37	3.622in/92.0mm	7	97TM	3.189in/81.0mm	19
4K	3.386in/86.0mm	3	63-GC	3.465in/88.0mm	6	A-6303	2.992in/76.0mm	16
4K	3.268in/83.0mm	5	63-GC	3.937in/100.0mm	6	A-6303	3.189in/81.0mm	19
4K05	2.953in/75.0mm	2	63-GC	3.622in/92.0mm	7	A-6303-A	2.992in/76.0mm	16
4K05	3.386in/86.0mm	2	63GC	3.465in/88.0mm	6	A-6303-A	3.189in/81.0mm	19
4K05	3.386in/86.0mm	3	63GC	3.937in/100.0mm	6	A1D	2.992in/76.0mm	16
4K05	3.268in/83.0mm	5	63GC	3.622in/92.0mm	7	A1D	3.189in/81.0mm	19
4XC1-U	2.953in/75.0mm	2	63GU	3.465in/88.0mm	6	A301	2.992in/76.0mm	16
4XC1-U	3.386in/86.0mm	2	63GU	3.937in/100.0mm	6	A301	3.189in/81.0mm	19
4XC1-U	3.386in/86.0mm	3	63GU	3.622in/92.0mm	7	A6303	2.992in/76.0mm	16
4XC1-U	3.268in/83.0mm	5	65-RU	3.465in/88.0mm	6	AD	2.992in/76.0mm	16
4XCIU	2.953in/75.0mm	2	65-RU	3.937in/100.0mm	6	AD	3.189in/81.0mm	19
4XCIU	3.386in/86.0mm	2	65-RU	3.622in/92.0mm	7	AY	2.992in/76.0mm	16
4XCIU	3.386in/86.0mm	3	69-GU	3.465in/88.0mm	6	AY	3.189in/81.0mm	19
4XCIU	3.268in/83.0mm	5	69-GU	3.937in/100.0mm	6	B301	2.992in/76.0mm	16
5214738	3.622in/92.0mm	7	69-GU	3.622in/92.0mm	7	B301	3.189in/81.0mm	19
53020683	3.406in/86.5mm	27	6AM	3.465in/88.0mm	6	G1	3.228in/82.0mm	1
53021300AA	3.580in/90.9mm	29	6AM	3.937in/100.0mm	6	G93	3.504in/89.0mm	4
53021409AA	3.406in/86.5mm	27	6AM	3.622in/92.0mm	7	GE	3.465in/88.0mm	6
59-PK	3.622in/92.0mm	7	96TM-AA	2.992in/76.0mm	16	GE	3.937in/100.0mm	6
5A	3.622in/92.0mm	7	96TM-AA	3.189in/81.0mm	19	T3A	2.992in/76.0mm	16
5AK	3.622in/92.0mm	7	97TM	2.992in/76.0mm	16			

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
1	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15 Carbureted			2.972"/75.5mm x 3.228"/82.0mm					1
	VIN Code: 'K' (1990)								
	90 CID (1.5L) SOHC 8V L4 Mitsubishi "Q" 4G15			2.972"/75.5mm x 3.228"/82.0mm					
	VIN Codes: 'K' (1991-1992), 'X' (1990)								
	90 CID (1.5L) SOHC 12V L4 Mitsubishi "Q" 4G15			2.972"/75.5mm x 3.228"/82.0mm					
	VIN Code: 'A' (1991-1996)								
Rod Bearing (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100	
Main Bearing Set	TM-1	MS-1668P	STD,.25mm						
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520	
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430	
NOTE: .25mm Undersize Set Contains .15mm Oversize Length Flanged Bearing, Partial Grooved Main Bearings									
Connecting Rod Forging 1									
Crankshaft Forging G1									
2	98 CID / 1595 CC (1.6L) DOHC 16V L4 Mitsubishi			3.240"/82.3mm x 2.953"/75.0mm					2
	VIN Code: 'Y' (1990)								
	98 CID / 1597 CC (1.6L) SOHC 8V Turbo. L4 Mitsubishi			3.028"/76.9mm x 3.386"/86.0mm					
	VIN Code: 'F' (1990)								
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm						
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
2 (cont.)	98 CID / 1595 CC (1.6L) DOHC 16V L4 Mitsubishi			3.240"/82.3mm x 2.953"/75.0mm				2 (cont.)
	VIN Code: 'Y' (1990)							
	98 CID / 1597 CC (1.6L) SOHC 8V Turbo. L4 Mitsubishi			3.028"/76.9mm x 3.386"/86.0mm				
	VIN Code: 'F' (1990)							
Balance Shaft	AL-3	SH-1465S	STD					
Bearing Set								
RH; Front		SH-1465		1.5344	0.0008/0.0030	0.0593	1.6545	0.7580
RH; LH Rear		SH-1466		1.4164	0.0017/0.0039	0.0589	1.5364	0.6300
Connecting Rod Forging	31, D, F, S							
Crankshaft Forging	4G-3, 4G1, 4G61, 4K, 4K05, 4XC1-U, 4XCIU							
3	107 CID (1.8L) SOHC 8V L4 Mitsubishi 4G37			3.173"/80.6mm x 3.386"/86.0mm				3
	VIN Codes: 'B' (1993-1994), 'T' (1990-1992)							
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm					
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-3572P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
Crankshaft Forging	003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, 2NABC, 2Y68-76, 30R, 31-87, 31M, 3281N, 329880N, 4G-3, 4G1, 4G61, 4K, 4K05, 4XC1-U, 4XCIU							
4	112 CID (1.8L) SOHC 16V L4 Mitsubishi 4G93			3.189"/81.0mm x 3.504"/89.0mm				4
	VIN Codes: 'C' (1993-1996), 'D' (1992)							
Rod Bearing (4)	AL-3	CB-1782AL	STD,.50mm	1.7709/1.7717	0.0008/0.0034	0.0588	1.8896/1.8904	0.6614
Main Bearing Set	AL-3	MS-2213AL	STD,.25mm					
1-2-3-4-5		MB-3767AL		1.9679/1.9685	0.0008/0.0031	0.0785	2.1260/2.1267	0.7531
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-605S								
Thrust Washer Set		TW-605S	STD					
		MB-3763W		2.2047/2.2146			2.9665/2.9764	0.0778
NOTE: Contains 2 Pieces, Position Number 1 Use with Part Number MS-2213AL								
Crankshaft Forging	G93							
5	122 CID (2.0L) SOHC 16V L4			3.445"/87.5mm x 3.268"/83.0mm				5
	VIN Codes: 'C [ECB]' (1995-2005), 'F' (2001-2004)							
	122 CID (2.0L) DOHC 16V L4 420A			3.445"/87.5mm x 3.268"/83.0mm				
	VIN Code: 'Y' (1995-1999)							
	122 CID (2.0L) DOHC 16V L4 ECC			3.445"/87.5mm x 3.268"/83.0mm				
	VIN Code: 'Y' (1995-1999)							
Rod Bearing (4)	AL-3	CB-1635A	STD,.25mm*.50mm*	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Rod Bearing (4)	TM-77	CB-1635P	STD,.25mm,.50mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Main Bearing Set	AL-5	MS-2028A	STD,.25mm*.50mm*					
1-2-4-5		MB-4001A		2.0469/2.0475	0.0008/0.0024	0.0782	2.2046/2.2050	0.7860
3		MB-4000A(F)		2.0469/2.0475	0.0008/0.0024	0.0784	2.2046/2.2050	1.0340
NOTE: Bearing Caps May Require Notching, Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-2028P	STD,.25mm,.50mm					
1-2-4-5		MB-4001P		2.0469/2.0475	0.0008/0.0024	0.0782	2.2046/2.2050	0.7860
3		MB-4000P(F)		2.0469/2.0475	0.0008/0.0024	0.0784	2.2046/2.2050	1.0340
NOTE: Bearing Caps May Require Notching, Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-2257P	STD,.25mm,.50mm					
1-2-4-5		MB-4001P		2.0469/2.0475	0.0008/0.0024	0.0782	2.2046/2.2050	0.7860
3		MB-4000P(F)		2.0469/2.0475	0.0008/0.0024	0.0784	2.2046/2.2050	1.0340
NOTE: Bearing Caps May Require Notching, Contains Full Grooved Bearings								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
5 (cont.)	122 CID (2.0L) SOHC 16V L4			3.445"/87.5mm x 3.268"/83.0mm					5 (cont.)
	VIN Codes: 'C [ECB]' (1995-2005), 'F' (2001-2004)								
	122 CID (2.0L) DOHC 16V L4 420A			3.445"/87.5mm x 3.268"/83.0mm					
	VIN Code: 'Y' (1995-1999)								
	122 CID (2.0L) DOHC 16V L4 ECC			3.445"/87.5mm x 3.268"/83.0mm					
	VIN Code: 'Y' (1995-1999)								
Crankshaft Forging 4G-3, 4G1, 4G61, 4K, 4K05, 4XC1-U, 4XCIU									
6	122 CID (2.0L) SOHC 8V L4 Mitsubishi "A" G63B			3.346"/85.0mm x 3.465"/88.0mm					6
	VIN Code: 'V' (1990-1992)								
	122 CID (2.0L) DOHC 16V L4 Mitsubishi 4G63			3.346"/85.0mm x 3.465"/88.0mm					
	VIN Codes: 'E' (1993-1994), 'R' (1990-1993)								
	122 CID (2.0L) DOHC 16V Turbo. L4 Mitsubishi 4G63T			3.346"/85.0mm x 3.465"/88.0mm					
	VIN Codes: 'F' (1993-1998), 'U' (1990-1992)								
	144 CID (2.4L) SOHC 8V L4 Mitsubishi 4G64			3.406"/86.5mm x 3.937"/100.0mm					
	VIN Codes: 'G' (1993), 'W' (1990-1992)								
Rod Bearing (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	
For Year(s): 1992-1998									
NOTE: From 4/92									
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
For Year(s): 1990-1992									
NOTE: Thru 3/92									
Main Bearing Set	TM-1	MS-2039P	STD,.25mm,.50mm	2.2435/2.2441	0.0005/0.0029	0.0785	2.4016/2.4024	0.8050	
1-2-4-5		MB-3504P		2.2435/2.2441	0.0009/0.0033	0.0783	2.4016/2.4024	1.0040	
3		MB-3505P(F)							
For Year(s): 1992-1998									
NOTE: From 4/92									
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
3		MB-3572P(F)							
For Year(s): 1990-1992									
NOTE: Thru 3/92, All Sizes Contain Standard Length Flanged Bearing (Thru 3/92)									
Balance Shaft Bearing Set	AL-3	SH-1469S	STD	1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
LH; Rear		SH-1468		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
RH; Front		SH-1467		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
RH; Rear		SH-1469							
Connecting Rod Forging 40F									
Crankshaft Forging 3YA, 407N, 40F, 4196N, 45-T, 4A, 4AC, 4AL, 63-GC, 63GC, 63GU, 65-RU, 69-GU, 6AM, GE									
7	135 CID (2.2L) SOHC 8V L4			3.445"/87.5mm x 3.622"/92.0mm					7
	VIN Code: 'D' (1990-1994)								
	135 CID (2.2L) SOHC 8V Turbo. L4			3.445"/87.5mm x 3.622"/92.0mm					
	VIN Code: 'C' (1990)								
	135 CID (2.2L) DOHC 16V Turbo. L4			3.445"/87.5mm x 3.622"/92.0mm					
	VIN Codes: 'A' (1991-1993), 'R' (1990)								
Rod Bearing (4)	TM-77	CB-1269P	STD,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Main Bearing Set	TM-77	MS-1533P	STD,.25mm,.50mm‡	2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510	
1-2-4-5		MB-2863P		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970	
3		MB-2864P(F)							
Aux. Shaft Bearing Set	B-1	SH-1326S	STD	1.6799/1.6809	0.0013/0.0031	0.0640	1.8098/1.8122	0.7680	
Front		SH-1326		0.7744/0.7753	0.0013/0.0031	0.0640	0.9045/0.9065	0.8740	
Rear		SH-1256							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
7 (cont.)	135 CID (2.2L) SOHC 8V L4 VIN Code: 'D' (1990-1994)			3.445"/87.5mm x 3.622"/92.0mm					7 (cont.)
	135 CID (2.2L) SOHC 8V Turbo. L4 VIN Code: 'C' (1990)			3.445"/87.5mm x 3.622"/92.0mm					
	135 CID (2.2L) DOHC 16V Turbo. L4 VIN Codes: 'A' (1991-1993), 'R' (1990)			3.445"/87.5mm x 3.622"/92.0mm					
Connecting Rod Forging		218LW, 5203385							
Crankshaft Forging		3A, 3AC, 3AH, 3B, 3E, 3H, 3KC, 3SF, 5214738, 59-PK, 5A, 5AK, 5G9-37, 63-GC, 63GC, 63GU, 65-RU, 69-GU, 6AM							
8	144 CID (2.4L) SOHC 16V L4 Mitsubishi 4G64 VIN Code: 'G' (1993-1996, 2001-2005)			3.406"/86.5mm x 3.937"/100.0mm					8
Rod Bearing (4) For Year(s): 2001-2005	TM-77	CB-1643P	STD.,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	
Rod Bearing (4) For Year(s): 1993-1996	TM-77	CB-1643P	STD.,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	
Main Bearing Set 1-2-3-4-5 For Year(s): 2001-2005 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-677S	TM-1	MS-2261P MB-3504P	STD.,.25mm,.50mm	2.2435/2.2441	0.0005/0.0029	0.0785	2.4016/2.4024	0.8050	
Main Bearing Set 1-2-4-5 3 For Year(s): 1993-1996	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD.,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0005/0.0029 0.0009/0.0033	0.0785 0.0783	2.4016/2.4024 2.4016/2.4024	0.8050 1.0040	
Thrust Washer Set For Year(s): 2001-2005 NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2261P		TW-677S MB-3854W	STD	2.4842/2.4941			3.1693/3.1791	0.0830	
Balance Shaft Bearing Set LH; Rear RH; Front RH; Rear For Year(s): 2001-2005	AL-3	SH-1469S SH-1468 SH-1467 SH-1469	STD	1.6129 1.6526 1.6129	0.0010/0.0031 0.0010/0.0031 0.0010/0.0031	0.0589 0.0593 0.0589	1.7333 1.7726 1.7333	0.8268 0.7480 0.8268	
Balance Shaft Bearing Set LH; Rear RH; Front RH; Rear For Year(s): 1993-1996	AL-3	SH-1469S SH-1468 SH-1467 SH-1469	STD	1.6129 1.6526 1.6129	0.0010/0.0031 0.0010/0.0031 0.0010/0.0031	0.0589 0.0593 0.0589	1.7333 1.7726 1.7333	0.8268 0.7480 0.8268	
9	148 CID (2.4L) DOHC 16V L4 VIN Codes: '9 [EDZ]' (2009), 'B' (1996-2008), 'J' (2004-2005), 'X [EDZ]' (1995-2008)			3.445"/87.5mm x 3.976"/101.0mm					9
Rod Bearing (4)	AL-5	CB-1813A	STD.,.25mm.,.50mm•	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Rod Bearing (4)	TM-77	CB-1813P	STD.,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Rod Bearing (4) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1817A-.25mm.50mm•		1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930	
Rod Bearing (4) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	TM-77	CB-1817P-.25mm.50mm		1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930	
Main Bearing Set 1-2-4-5 3	AL-5	MS-2279A MB-3594A MB-3907A(F)	STD.,.25mm.,.50mm•	2.3617/2.3627 2.3617/2.3627	0.0005/0.0029 0.0005/0.0029	0.0781 0.0781	2.5194/2.5202 2.5194/2.5202	0.8510 1.0970	

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
9	148 CID (2.4L) DOHC 16V L4			3.445"/87.5mm x 3.976"/101.0mm				9
(cont.)	VIN Codes: '9 [EDZ]' (2009), 'B' (1996-2008), 'J' (2004-2005), 'X [EDZ]' (1995-2008)							(cont.)
Main Bearing Set	TM-77	MS-2279P	STD•,.25mm•,.50mm•					
1-2-4-5		MB-3594P		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907P(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
Main Bearing Set	AL-5	MS-2201A	STD,.25mm,.50mm					
1-2-4-5		MB-3594A		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3595A(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
For Year(s): 1995-2008								
FOR VIN(S): B,X								
<i>(To Be Replaced By MS-2279A)</i>								
Main Bearing Set	TM-77	MS-2201P	STD,.25mm,.50mm					
1-2-4-5		MB-3594P		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3595P(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
For Year(s): 1995-2008								
FOR VIN(S): B,X								
<i>(To Be Replaced By MS-2279P)</i>								
10	148 CID (2.4L) DOHC 16V Turbo. L4			3.445"/87.5mm x 3.976"/101.0mm				10
	VIN Codes: '8' (2004-2005, 2007-2009), 'E' (2005-2008), 'G' (2003-2007), 'S' (2004-2007)							
Rod Bearing (4)	TM-77	CB-1813P	STD,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Rod Bearing (4)	TM-77	CB-1817P-.25mm.50mm		1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2279P	STD•,.25mm•,.50mm•					
1-2-4-5		MB-3594P		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907P(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
Main Bearing Set	TM-77	MS-2246P	STD,.25mm,.50mm					
1-2-4-5		MB-3594P		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3828P(F)		2.3617/2.3627	0.0005/0.0033	0.0781	2.5194/2.5202	1.0970
For Year(s): 2003-2007								
<i>(To Be Replaced By MS-2279P)</i>								
11	150 CID (2.5L) 8V L4 Magnum			3.875"/98.4mm x 3.190"/81.0mm				11
	VIN Code: 'P' (1996-2002)							
Rod Bearing (4)	AL-5	CB-960A	STD•,10•,20•,30•	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Rod Bearing (4)	TM-77	CB-960P	STD,1,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set	AL-5	MS-1948A	STD•,10•,20•,30•					
1-3-4-5		MB-3337A		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
2		MB-3338A(F)		2.4996/2.5001	0.0003/0.0028	0.0953	2.6910/2.6920	1.2700
Main Bearing Set	TM-77	MS-1948P	STD,10,20					
1-3-4-5		MB-3337P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
2		MB-3338P(F)		2.4996/2.5001	0.0003/0.0028	0.0953	2.6910/2.6920	1.2700
Cam Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
Connecting Rod Forging	351							
Crankshaft Forging	3239611							



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
12	153 CID (2.5L) SOHC 8V L4 VIN Codes: 'G' (1990-1995), 'K' (1990-1995), 'V' (1993-1994)			3.445"/87.5mm x 4.094"/104.0mm				12
	153 CID (2.5L) SOHC 8V Turbo. L4 VIN Code: 'J' (1990-1992)			3.445"/87.5mm x 4.094"/104.0mm				
Rod Bearing (4)	TM-77	CB-1269P	STD,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Main Bearing Set 1-2-4-5 3	TM-77	MS-1533P MB-2863P MB-2864P(F)	STD,.25mm,.50mm‡	2.3617/2.3627 2.3617/2.3627	0.0008/0.0033 0.0008/0.0033	0.0781	2.5194/2.5202 2.5194/2.5202	0.8510 1.0970
Aux. Shaft Bearing Set Front Rear	B-1	SH-1326S SH-1326 SH-1256	STD	1.6799/1.6809 0.7744/0.7753	0.0013/0.0031 0.0013/0.0031	0.0640	1.8098/1.8122 0.9045/0.9065	0.7680 0.8740
Balance Shaft Bearing (2)	B-1	SH-1403-SEMI SH-1403	STD	1.6560/1.6570	0.0018/0.0025	0.0790	1.7860/1.7870	0.8860
5 CYL								
13	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes OM612 DIESEL VIN Codes: '1' (2003), '2' (2003)			3.465"/88.0mm x 3.480"/88.4mm				13
	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes OM647LA DIESEL VIN Code: '4' (2004-2006)			3.465"/88.0mm x 3.480"/88.4mm				
Rod Bearing (5)	TM-77	CB-1842P	STD,.25mm,.50mm	1.8880/1.8883	0.0006/0.0024	0.0713	2.0315/2.0320	0.8560
Rod Bearing (5) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	TM-77	CB-1843P-.25mm.50mm		1.8880/1.8883	0.0006/0.0024	0.0723	2.0335/2.0340	0.8560
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-2248P MB-3826P	STD,.25mm,.50mm	2.2817/2.2820	0.0005/0.0023	0.0890	2.4605/2.4610	0.6900
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-620S								
Thrust Washer Set		TW-620S MB-3826W	STD	2.5905			3.1890	0.0866
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2248P								
Piston Pin Bushing (5) NOTE: Requires Light Reaming	C-1	223-3665	STD	1.1811/1.1809	0.0007/0.0011	0.0646	1.2795/1.2805	0.8622
6 CYL								
14	152 CID (2.5L) SOHC 24V V6 Mitsubishi EEB VIN Codes: 'H' (1995-2000), 'N' (1995-2000)			3.290"/83.5mm x 2.992"/76.0mm				14
Rod Bearing (6)	TM-77	CB-1411P	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set 1-2-3-4	TM-1	MS-2239P MB-3813P	STD,.25mm	2.3614/2.3622	0.0008/0.0034	0.0783	2.5197/2.5205	0.7140
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-458S								
Thrust Washer Set		TW-458S MB-3108W(L) MB-3108W(U)	STD	2.5984/2.6083 2.5984/2.6083			3.0492/3.0594 3.0492/3.0594	0.0778 0.0778
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2239P								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
15	167 CID (2.7L) DOHC 24V V6			3.386"/86.0mm x 3.090"/78.5mm				15
VIN Codes: 'D [EER]' (2009), 'R' (2003, 2007-2008), 'R [EER]' (1998-2008), 'T' (2003-2008), 'U' (2000-2001)								
Rod Bearing (6)	AL-5	CB-1670A	STD, .25mm, .50mm .75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870
Rod Bearing (6)	TM-77	CB-1670P	STD, .25mm, .50mm, .75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870
Rod Bearing (6)	AL-5	CB-1787A-.25mm	.50mm	2.1059/2.1067	0.0006/0.0030	0.0594	2.2261/2.2267	0.6870
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1787P-.25mm	.50mm	2.1059/2.1067	0.0006/0.0030	0.0594	2.2261/2.2267	0.6870
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2209A MB-3596A	STD, .25mm, .50mm .75mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2209P MB-3596P	STD, .25mm, .50mm, .75mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2209A, MS-2209P								
Piston Pin Bushing (6)	C-1	223-3654	STD			0.0533	0.9432/0.9451	0.8750
NOTE: Requires Light Reaming								
16	181 CID (3.0L) SOHC 12V V6 Mitsubishi 6G72			3.587"/91.1mm x 2.992"/76.0mm				16
VIN Codes: '3' (1990-2000), 'H' (1993-1996), 'S' (1990-1992)								
	181 CID (3.0L) SOHC 24V V6 Mitsubishi 6G72			3.587"/91.1mm x 2.992"/76.0mm				
VIN Code: 'H' (2001-2005)								
	181 CID (3.0L) DOHC 24V V6 Mitsubishi 6G72			3.587"/91.1mm x 2.992"/76.0mm				
VIN Codes: 'B' (1991-1992), 'J' (1993-1996)								
	181 CID (3.0L) DOHC 24V Turbo. V6 Mitsubishi 6G72T			3.587"/91.1mm x 2.992"/76.0mm				
VIN Codes: 'C' (1991-1992), 'K' (1993-1996)								
Rod Bearing (6)	TM-77	CB-1411P	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set 1-2-3-4	TM-77	MS-2226P MB-3791P	STD, .25mm, .50mm	2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-458S								
Thrust Washer Set		TW-458S MB-3108W(L) MB-3108W(U)	STD	2.5984/2.6083			3.0492/3.0594	0.0778
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2226P								
Connecting Rod Forging	72G, 72W							
Crankshaft Forging	003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, 19N, 96TM-AA, 97TM, A-6303, A-6303-A, A1D, A301, A6303, AD, AY, B301, T3A							



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
17	197 CID (3.2L) SOHC 24V V6 VIN Code: 'J [EGW]' (1998-2001)			3.622"/92.0mm x 3.189"/81.0mm				17
Rod Bearing (6)	TM-77	CB-1669P	STD, .25mm, .50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Rod Bearing (6)	TM-77	CB-1880P-.25mm	.50mm•	2.2826/2.2837	0.0008/0.0034	0.0594	2.4033/2.4038	0.6840
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD, .25mm, .50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Contains 2 Pieces, Position Number 2 Use with Part Number MS-2210P								
18	201 CID (3.3L) 12V V6 CNG VIN Code: 'J' (1994-1996)			3.661"/93.0mm x 3.189"/81.0mm				18
	201 CID (3.3L) 12V V6 VIN Codes: '3' (2001-2003), 'E [EGV]' (2005-2010), 'G [EGM]' (1998-2001), 'H' (2008) 'R' (1990-1992), 'R [EGA]' (1990-2007), 'S' (2004), 'T' (1993-1997), 'U' (1994-1995)			3.661"/93.0mm x 3.189"/81.0mm				
	230 CID (3.8L) 12V V6 VIN Codes: 'L' (1991-1993, 2005), 'L [EGH]' (1994-2008), 'P' (2008)			3.780"/96.0mm x 3.425"/86.8mm				
	231 CID (3.8L) 12V V6 VIN Code: '1' (2009-2010)			3.780"/96.0mm x 3.425"/87.0mm				
Rod Bearing (6)	AL-5	CB-1410A	STD, .25mm, .50mm .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Rod Bearing (6)	TM-77	CB-1410P	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Rod Bearing (6)	AL-5	CB-1887A-.25MM	.50mm•, .75mm•	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-3-4 2	AL-5	MS-1946A MB-3340A MB-3107A(F)	STD, .25mm•, .50mm• .75mm•	2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940 0.9400
Main Bearing Set 1-3-4 2	TM-77	MS-1946P MB-3340P MB-3107P(F)	STD, .25mm	2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940 0.9400
Cam Bearing Set 1 2 3 4	B-1	SH-1405S SH-1405 SH-1406 SH-1407 SH-1408	STD	1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400 0.6200 0.6200 0.6200
For Year(s): 2009 FOR VIN(S): 1								
Cam Bearing Set 1 2 3 4	B-1	SH-1405S SH-1405 SH-1406 SH-1407 SH-1408	STD	1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400 0.6200 0.6200 0.6200
For Year(s): 1990-2008								
Connecting Rod Forging	4448903							
Crankshaft Forging	3654							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
19	215 CID (3.5L) SOHC 24V V6			3.780"/96.0mm x 3.189"/81.0mm				19
VIN Codes: '4' (2004-2006), 'F' (1993-1997), 'G' (1999-2008), 'K' (2002-2004) 'M' (2002-2004, 2007-2008), 'V' (2000-2010)								
Rod Bearing (6)	AL-5	CB-1881A	STD•,.25mm•,.50mm• .75mm•	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
For Year(s): 2007-2010 NOTE: 2007 with oil hole								
Rod Bearing (6)	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Year(s): 1999-2007 NOTE: 2007 with oil slot								
Rod Bearing (6)	TM-77	CB-1880P-.25mm.50mm•		2.2826/2.2837	0.0008/0.0034	0.0594	2.4033/2.4038	0.6840
For Year(s): 1999-2007 NOTE: 2007 with oil slot (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Rod Bearing (6)	AL-5	CB-1410A	STD•,.25mm,.50mm .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
For Year(s): 1993-1997								
Rod Bearing (6)	TM-77	CB-1410P	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
For Year(s): 1993-1997								
Rod Bearing (6)	AL-5	CB-1887A-.25MM.50mm•,.75mm•		2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
For Year(s): 1993-1997 NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
For Year(s): 1999-2010 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
For Year(s): 1999-2010 NOTE: Contains 2 Pieces, Position Number 2 Use with Part Number MS-2210P								
Piston Pin Bushing (6)	C-1	223-3618	STD			0.0490	1.0140/1.0150	0.8500
For Year(s): 1993-1997 NOTE: Requires Boring								
Crankshaft Forging 96TM-AA, 97TM, A-6303, A-6303-A, A1D, A301, AD, AY, B301								
20	226 CID (3.7L) SOHC 12V V6 Magnum			3.661"/93.0mm x 3.575"/90.7mm				20
VIN Code: 'K' (2002-2009)								
Rod Bearing (6)	AL-5	CB-1818A	STD•,.25mm•,.50mm•	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Rod Bearing (6)	TM-77	CB-1818P	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Rod Bearing (6)	AL-5	CB-1819A-.25mm.50mm•		2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1819P-.25mm.50mm		2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2244A MB-3790A	STD•,.25mm,.50mm•	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
20 (cont.)	226 CID (3.7L) SOHC 12V V6 Magnum VIN Code: 'K' (2002-2009)			3.661"/93.0mm x 3.575"/90.7mm				20 (cont.)
Main Bearing Set 1-2-3-4	TM-77	MS-2244P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Main Bearing Set 1-2-3-4	AL-5	MS-2286A-.25mm MB-3922A	50mm•	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines with .002" Larger Housing Bore Diameter Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Thrust Washer Set		TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2244A, MS-2244P, MS-2286A								
Aux. Shaft Bearing Set Front Rear	B-1	SH-1997S SH-1997 SH-1998	STD	2.2042/2.2052 1.1412/1.1422	0.0020/0.0053 0.0020/0.0053	0.0728 0.0728	2.3528/2.3539 1.2898/1.2909	0.7150 0.7150
21	239 CID (3.9L) 12V V6 Magnum VIN Code: 'X' (1992-2003)			3.910"/99.3mm x 3.313"/84.1mm				21
	239 CID (3.9L) 12V V6 VIN Code: 'X' (1990-1991)			3.910"/99.3mm x 3.313"/84.1mm				
Rod Bearing (6)	TM-77	CB-1387P	STD,10,20	2.1240/2.1250	0.0005/0.0022	0.0624	2.2500/2.2507	0.7350
Main Bearing Set 1-3 2 4	TM-77	MS-1701P MB-2283P MB-2620P(F) MB-2559P	STD,10,20	2.4995/2.5005 2.4995/2.5005 2.4995/2.5005	0.0005/0.0026 0.0004/0.0025 0.0005/0.0026	0.0959 0.0958 0.0959	2.6925/2.6930 2.6925/2.6930 2.6925/2.6930	0.8770 1.1520 1.3270
Cam Bearing Set 1 2 3 4	B-1	SH-1114S SH-875 SH-1112 SH-1114 SH-329	STD	1.9980/1.9990 1.9820/1.9830 1.9510/1.9520 1.5605/1.5615	0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0005/0.0045	0.0645 0.0645 0.0645 0.0650	2.1295/2.1305 2.1135/2.1145 2.0825/2.0835 1.6920/1.6930	0.9000 0.6300 0.6300 0.9500
22	241 CID (4.0L) SOHC 24V V6 VIN Codes: '6' (2007-2008), 'X' (2007-2009)			3.780"/96.0mm x 3.583"/91.0mm				22
Rod Bearing (6)	AL-5	CB-1881A	STD,.25mm•,.50mm• .75mm•	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
23	359 CID (5.9L) 24V Turbo. L6 Cummins HO ISB DIESEL VIN Codes: '6' (1998-2004), '7' (2001-2002), 'C' (2002)			4.016"/102.0mm x 4.724"/120.0mm				23
Rod Bearing (6) For Year(s): 2003-2004 NOTE: Tri-Metal Upper Bearing, Bi-Metal Aluminum Lower Bearing	TM-112	CB-1873AP	STD,.25mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
Rod Bearing (6) For Year(s): 1998-2002	TM-112	CB-1413P	STD,.25mm,.50mm,.75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
Rod Bearing (6) For Year(s): 1998-2002 NOTE: Connecting Rods With Housing Bore Resized .010" Larger Than Stock	TM-112	CB-1846P-.25mm	.50mm	2.7160/2.7170	0.0015/0.0045	0.0874	2.8835/2.8845	1.2250
Main Bearing Set 1-2-3-4-5-7 6 For Year(s): 2003-2004 NOTE: Contains Full Flanged Bearing With 360 Degree Oil Groove	TM-112	MS-2272P MB-3110P MB-3786P(F)	STD,.25mm	3.2672/3.2682 3.2672/3.2682	0.0017/0.0047 0.0017/0.0047	0.0970 0.0970	3.4638/3.4652 3.4638/3.4652	1.1430 1.4700

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
23	359 CID (5.9L) 24V Turbo. L6 Cummins HO ISB DIESEL						23	
(cont.)	VIN Codes: '6' (1998-2004), '7' (2001-2002), 'C' (2002)			4.016"/102.0mm x 4.724"/120.0mm				(cont.)
Main Bearing Set	TM-112	MS-1717P	STD,.25mm,.50mm,.75mm	3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.1430
1-2-3-4-5-7		MB-3110P		3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
6		MB-3109P(F)						
For Year(s): 1998-2002								
NOTE: Contains Half Flanged Bearing, Upper Half Flanged Bearing Only								
Cam Bearing	C-1	SH-1981	STD	2.1255/2.1265		0.1010	2.3316/2.3330	1.0100
NOTE: Position Number 1								
24	359 CID (5.9L) 24V Turbo. L6 Cummins HO QSB DIESEL						24	
(cont.)	VIN Codes: '6' (2003-2004), 'C' (2003-2008)			4.016"/102.0mm x 4.724"/120.0mm				(cont.)
Rod Bearing (6)	TM-112	CB-1873AP	STD,.25mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
NOTE: Tri-Metal Upper Bearing, Bi-Metal Aluminum Lower Bearing								
Main Bearing Set	TM-112	MS-2272P	STD,.25mm	3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.1430
1-2-3-4-5-7		MB-3110P		3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
6		MB-3786P(F)						
For Year(s): 2003-2005								
NOTE: Contains Full Flanged Bearing With 360 Degree Oil Groove								
Cam Bearing	C-1	SH-1981	STD	2.1255/2.1265		0.1010	2.3316/2.3330	1.0100
For Year(s): 2003-2005								
NOTE: Position Number 1								
25	359 CID (5.9L) 12V Turbo. L6 Cummins DIESEL						25	
(cont.)	VIN Codes: '8' (1990-1991), 'C' (1991-1996), 'D' (1997-1998)			4.016"/102.0mm x 4.724"/120.0mm				(cont.)
Rod Bearing (6)	TM-112	CB-1413P	STD,.25mm,.50mm,.75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
Rod Bearing (6)	TM-112	CB-1846P-.25mm	.50mm	2.7160/2.7170	0.0015/0.0045	0.0874	2.8835/2.8845	1.2250
NOTE: Connecting Rods With Housing Bore Resized .010" Larger Than Stock								
Main Bearing Set	TM-112	MS-1717P	STD,.25mm,.50mm,.75mm	3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.1430
1-2-3-4-5-7		MB-3110P		3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
6		MB-3109P(F)						
NOTE: Contains Half Flanged Bearing, Upper Half Flanged Bearing Only								
Cam Bearing	AL-3	SH-1404	STD	2.1245/2.1265			2.2528/2.2542	1.0100
NOTE: Position Number 1								
Piston Pin Bushing (6)	C-1	223-3644	STD			0.0690	1.6924/1.6934	1.5100
NOTE: Requires Boring								
Connecting Rod Forging	3901085, 3901566							
Crankshaft Forging	3907804							
26	408 CID (6.7L) 24V Turbo. L6 Cummins DIESEL						26	
(cont.)	VIN Code: 'A' (2007-2008)			3.347"/85.0mm x 4.080"/124.0mm				(cont.)
	408 CID (6.7L) 24V Turbo. L6 Cummins ETJ DIESEL							
	VIN Code: 'L' (2009)			3.347"/85.0mm x 4.080"/124.0mm				
Rod Bearing (6)	TM-112	CB-1873AP	STD,.25mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
NOTE: Tri-Metal Upper Bearing, Bi-Metal Aluminum Lower Bearing								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
27	287 CID (4.7L) SOHC 16V V8 Magnum VIN Codes: 'N' (2000-2008), 'P' (2004-2009)			3.661"/93.0mm x 3.406"/86.5mm				27
	287 CID (4.7L) SOHC 16V V8 Magnum HO VIN Code: 'J' (2005-2007)			3.661"/93.0mm x 3.406"/86.5mm				
	287 CID (4.7L) SOHC 16V V8 Power-Tech VIN Code: 'N' (2008)			3.661"/93.0mm x 3.406"/86.5mm				
Rod Bearing (8) NOTE: with Locating Tab	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
Rod Bearing (8) NOTE: without Locating Tab	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0005/0.0023	0.0585	2.1257/2.1262	0.6550
Rod Bearing (8) NOTE: without Locating Tab <i>(To Be Replaced By CB-1854A)</i>	TM-77	CB-1854P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock with Locating Tab	TM-77	CB-1804P-.25mm .50mm	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock without Locating Tab	AL-5	CB-1855A-.25mm .50mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock without Locating Tab <i>(To Be Replaced By CB-1855A-.25mm)</i>	TM-77	CB-1855P-.25mm .50mm	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	AL-5	MS-2216A MB-3771A	STD•,.25mm•,.50mm•	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S <i>(To Be Replaced By MS-2242P)</i>	TM-77	MS-2216P MB-3771P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Main Bearing Set 1-2-3-4-5 NOTE: Engines with .002" Larger Housing Bore Diameter Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	AL-5	MS-2285A-.25mm .50mm• MB-3922A	.50mm•	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
Thrust Washer Set NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2216A, MS-2216P, MS-2242P, MS-2285A		TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
Cam Bearing Set (2) 1-2-3-4-5 NOTE: Contains 5 Upper Halves And 5 Lower Halves, Each Set Will Service 1 Cylinder Head, Notching Of The Head And Cap For Locating Lug Will Be Required Housing Bore Will Need To Be Resized	B-1	SH-2020S SH-2020	STD	1.0227/1.0235	0.0010/0.0026	0.0418	1.1080/1.1090	0.5900
Crankshaft Forging	53020683, 53021409AA							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
28	318 CID (5.2L) 16V V8 Magnum CNG VIN Code: 'T' (1992-2003)			3.910"/99.3mm x 3.313"/84.2mm				28
	318 CID (5.2L) 16V V8 Magnum VIN Code: 'Y' (1992-2003)			3.910"/99.3mm x 3.313"/84.2mm				
	318 CID (5.2L) 16V V8 VIN Code: 'Y' (1990-1991)			3.910"/99.3mm x 3.313"/84.2mm				
	318 CID (5.2L) 16V V8 Magnum LPG VIN Code: '2' (1998-2000)			3.910"/99.3mm x 3.313"/84.2mm				
Rod Bearing (8)	AL-5	CB-481A	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	TM-77	CB-481P	STD,1,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1779P-10	20	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1344A	STD,10,20,30					
1-2-4		MB-2283A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620A(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set	TM-77	MS-1344P	STD,10,20					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620P(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Cam Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: Requires Light Reaming								
Connecting Rod Forging	1618699, 2406782, 3418645, 699, 782							
Crankshaft Forging	1626123, 1630270, 1630276, 1650270, 1732557, 1732559, 1732610, 1826123, 1826129, 1830276, 2128278, 2128869, 2205700, 2205702, 2258393, 2264182, 2465747, 2532457, 2558393, 2656278, 2658268, 2658278, 2658393, 2843868, 3462387, 3482387, 3751841							
29	345 CID (5.7L) 16V V8 HEMI VIN Codes: '2' (2005-2007), '2 [EZB]' (2005-2008), 'D' (2003-2008), 'H' (2005-2008) 'T [EJC]' (2009-2010), 'T [EZD]' (2009), 'T [EZH]' (2009-2010)			3.917"/99.5mm x 3.580"/90.9mm				29
	345 CID (5.7L) 16V V8 HEMI Hybrid VIN Code: 'T [EZE]' (2009)			3.917"/99.5mm x 3.580"/90.9mm				
Rod Bearing (8)	AL-5	CB-1808A	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Rod Bearing (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Rod Bearing (8)	AL-5	CB-1809A-.25mm.50mm		2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1809P-.25mm.50mm		2.1257/2.1263	0.0008/0.0029	0.0636	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2220A	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
29 (cont.)	345 CID (5.7L) 16V V8 HEMI			3.917"/99.5mm x 3.580"/90.9mm				29 (cont.)
	VIN Codes: '2' (2005-2007), '2 [EZB]' (2005-2008), 'D' (2003-2008), 'H' (2005-2008), 'T [EZC]' (2009-2010), 'T [EZD]' (2009), 'T [EZH]' (2009-2010)							
	345 CID (5.7L) 16V V8 HEMI Hybrid			3.917"/99.5mm x 3.580"/90.9mm				
	VIN Code: 'T [EZE]' (2009)							
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								
Thrust Washer Set		TW-611S	STD					
		MB-3780W		2.8600/2.8800			3.6760	0.1018
NOTE: Contains 2 Piece, Position Number 3 Use with Part Number MS-2220A, MS-2220P								
Cam Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
For Year(s): 2003-2009								
Connecting Rod Forging	DC549AAA0143, DC549AAB0904							
Crankshaft Forging	53021300AA							
30	360 CID (5.9L) 16V V8 Magnum			4.000"/101.6mm x 3.578"/90.9mm				30
	VIN Codes: '5' (1993-2002), 'Z' (1993-2003)							
	360 CID (5.9L) 16V V8			4.000"/101.6mm x 3.578"/90.9mm				
	VIN Codes: '5' (1990-1992), 'Z' (1990-1992)							
Rod Bearing (8)	AL-5	CB-481A	STD•,10•,20•,30•	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	TM-77	CB-481P	STD,1,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	AL-5	CB-1779A-10	20•,30•	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1779P-10	20	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1266A	STD•,10•,20•,30•					
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Main Bearing Set	TM-77	MS-1266P	STD,10,20,30					
1-2-4		MB-2622P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Cam Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Crankshaft Forging	3418640, 3418840-2, 3418995, 4027169							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
31	370 CID (6.1L) 16V V8 HEMI			4.055"/103.0mm x 3.580"/90.9mm				31
VIN Codes: '3' (2006-2008), 'W' (2005-2010)								
Rod Bearing (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Rod Bearing (8)	TM-77	CB-1809P-.25mm	.50mm	2.1257/2.1263	0.0008/0.0029	0.0636	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm	2.5589/2.5592 0.0005/0.0023 0.0962 2.7517/2.7522 0.8510				
1-2-3-4-5		MB-3780P						
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								
Thrust Washer Set		TW-611S	STD	2.8600/2.8800 3.6760 0.1018				
		MB-3780W						
NOTE: Contains 2 Piece, Position Number 3 Use with Part Number MS-2220P								
Cam Bearing Set	B-1	SH-1990S	STD	2.2906/2.2913 0.0013/0.0042 0.0650 2.4226/2.4236 0.6700 2.2748/2.2756 0.0012/0.0042 0.0650 2.4068/2.4078 0.5920 2.2591/2.2598 0.0013/0.0042 0.0650 2.3911/2.3921 0.5920 2.2433/2.2441 0.0012/0.0042 0.0650 2.3753/2.3763 0.5920 1.7170/1.7178 0.0016/0.0054 0.0650 1.8494/1.8504 0.5920				
1		SH-1990						
2		SH-1991						
3		SH-1992						
4		SH-1993						
5		SH-1994						
For Year(s): 2005-2009								
10 CYL								
32	488 CID (8.0L) 20V V10 Magnum			4.000"/101.6mm x 3.882"/98.6mm				32
VIN Codes: 'E' (1999-2002), 'E [EWB]' (1992-1998), 'W' (1994-2003)								
Rod Bearing (10)	TM-77	CB-481P	STD,1,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (10)	TM-77	CB-1779P-10	20	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2200P	STD,10,20	2.9995/3.0005 0.0002/0.0023 0.0959 3.1925/3.1930 1.0000 2.9995/3.0005 0.0002/0.0023 0.0959 3.1925/3.1930 0.9600 2.9995/3.0005 0.0002/0.0023 0.0959 3.1925/3.1930 1.0860				
1-6		MB-3506P						
2-4-5		MB-3507P						
3		MB-3508P(F)						
For Year(s): 1994-2003								
NOTE: Truck Engine, Cast Iron Cylinder Block Only FOR VIN(S): W								
Cam Bearing Set	B-1	SH-1818S	STD	2.0910/2.0920 0.0010/0.0042 0.0650 2.2230/2.2240 0.8900 2.0745/2.0755 0.0011/0.0043 0.0652 2.2070/2.2080 0.6300 2.0590/2.0600 0.0010/0.0042 0.0650 2.1910/2.1920 0.6300 2.0430/2.0440 0.0010/0.0042 0.0650 2.1750/2.1760 0.6300 2.0270/2.0280 0.0010/0.0042 0.0650 2.1590/2.1600 0.6300 1.9170/1.9180 0.0010/0.0042 0.0650 2.0490/2.0500 0.8900				
1		SH-1822						
2		SH-1818						
3		SH-1823						
4		SH-1821						
5		SH-1819						
6		SH-1820						
For Year(s): 1994-2003								
NOTE: Truck Engine, Cast Iron Cylinder Block Only FOR VIN(S): W								
33	505 CID (8.3L) 20V V10			4.031"/102.4mm x 3.960"/100.6mm				33
VIN Codes: 'H' (2004-2006), 'Z' (2003-2006)								
	515 CID (8.4L) 20V V10			4.055"/103.0mm x 3.960"/100.6mm				
VIN Code: 'Z' (2008-2009)								
Rod Bearing (10)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Rod Bearing (10)	TM-77	CB-1809P-.25mm	.50mm	2.1257/2.1263	0.0008/0.0029	0.0636	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								



ENGINE	YEAR	BORE & STROKE	BLOCK
1295 CC (1.3L) SOHC 8V L4 HC	1990-1992	2.990"/76.0mm X 2.800"/71.9mm	1
1295 CC (1.3L) SOHC 8V L4 HCE	1990-1993	2.990"/76.0mm X 2.800"/71.9mm	1
1589 CC (1.6L) SOHC 8V L4 HD	1990-1992	2.990"/76.0mm X 3.470"/88.0mm	1
1589 CC (1.6L) SOHC 8V L4 HDE	1990-1995	2.990"/76.0mm X 3.470"/88.0mm	1

MODEL	ENGINE	YEAR	BLOCK
Charade	1295 CC (1.3L) SOHC 8V L4 HC	1990-1992	1
Charade	1295 CC (1.3L) SOHC 8V L4 HCE	1990-1993	1
Rocky	1589 CC (1.6L) SOHC 8V L4 HD	1990-1992	1
Rocky	1589 CC (1.6L) SOHC 8V L4 HDE	1990-1995	1

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
1	1295 CC (1.3L) SOHC 8V L4 HC			2.990"/76.0mm x 2.800"/71.9mm					1
	VIN Code: '2' (1990-1992)								
	1295 CC (1.3L) SOHC 8V L4 HCE			2.990"/76.0mm x 2.800"/71.9mm					
	VIN Code: '2' (1990-1993)								
1589 CC (1.6L) SOHC 8V L4 HD			2.990"/76.0mm x 3.470"/88.0mm						
VIN Code: '0' (1990-1992)									
1589 CC (1.6L) SOHC 8V L4 HDE			2.990"/76.0mm x 3.470"/88.0mm						
VIN Code: '0' (1990-1995)									
Rod Bearing (4)	AL-3	CB-1658AL	STD	1.7709/1.7717	0.0008/0.0034	0.0587	1.8898/1.8905	0.7090	
Thrust Washer Set		TW-599S	STD				2.9823/2.9921	0.0980	
			MB-3554W	2.2441/2.2539					
NOTE: Contains 2 Pieces, Position Number 3									

FORD

ENGINE	YEAR	BORE & STROKE	BLOCK
81 CID (1.3L) SOHC 8V L4 Mazda	1990-1997	2.795"/71.0mm X 3.290"/83.6mm	1
98 CID (1.6L) DOHC 16V L4 Mazda	1991-1994	3.071"/78.0mm X 3.307"/84.0mm	2
98 CID (1.6L) DOHC 16V Turbo. L4 Mazda	1991-1994	3.071"/78.0mm X 3.307"/84.0mm	2
112 CID (1.8L) DOHC 16V L4 Mazda BP	1991-1996	3.268"/83.0mm X 3.346"/85.0mm	2
116 CID (1.9L) SOHC 8V L4 HO	1994-1995	3.226"/81.9mm X 3.460"/88.0mm	3
116 CID (1.9L) SOHC 8V L4	1990-1996	3.226"/81.9mm X 3.460"/88.0mm	3
121 CID (2.0L) DOHC 16V L4 Duratec	2004-2009	3.445"/87.5mm X 3.270"/83.0mm	4
122 CID (2.0L) SOHC 8V L4	1997-2004	3.339"/84.8mm X 3.461"/87.9mm	3
122 CID (2.0L) DOHC 16V L4 Zetec	1995-2004	3.339"/84.8mm X 3.461"/87.9mm	5
122 CID (2.0L) DOHC 16V L4 Mazda	1993-1997	3.268"/83.0mm X 3.622"/92.0mm	6
134 CID (2.2L) SOHC 12V L4 Mazda	1990-1992	3.386"/86.0mm X 3.701"/94.0mm	7
134 CID (2.2L) SOHC 12V Turbo. L4 Mazda	1990-1992	3.386"/86.0mm X 3.701"/94.0mm	7



ENGINE	YEAR	BORE & STROKE	BLOCK
140 CID (2.3L) SOHC 8V L4	1990-1997	3.780"/96.0mm X 3.125"/79.4mm	8
140 CID (2.3L) 8V L4 HSC	1990-1994	3.680"/93.5mm X 3.300"/84.0mm	9
140 CID (2.3L) 8V L4 HSC-High Output	1990-1991	3.680"/93.5mm X 3.300"/84.0mm	9
140 CID (2.3L) DOHC 16V L4 Duratec	2001-2009	3.440"/87.4mm X 3.700"/94.0mm	10
140 CID (2.3L) DOHC 16V L4 Duratec Hybrid	2005-2008	3.440"/87.4mm X 3.700"/94.0mm	10
153 CID (2.5L) SOHC 8V L4	1998-2001	3.780"/96.0mm X 3.397"/86.3mm	11
153 CID (2.5L) 8V L4 HSC	1990-1991	3.680"/93.5mm X 3.578"/90.8mm	9
152 CID (2.5L) DOHC 24V V6 Mazda	1993-1997	3.327"/84.5mm X 2.920"/74.2mm	12
155 CID (2.5L) DOHC 24V V6 Duratec	1995-2002	3.244"/82.4mm X 3.130"/79.5mm	13
177 CID (2.9L) 12V V6	1990-1992	3.661"/93.0mm X 2.831"/71.9mm	14
2960 CC (3.0L) SOHC 12V V6 Nissan VG30E	1993-1998	3.425"/87.0mm X 3.268"/83.0mm	15
181 CID (3.0L) DOHC 24V V6 Duratec	1996-2006	3.504"/89.0mm X 3.130"/79.5mm	13
183 CID (3.0L) 12V V6 Vulcan	1990-2008	3.504"/89.0mm X 3.150"/80.0mm	16
183 CID (3.0L) DOHC 24V V6 Yamaha SHO	1990-1995	3.504"/89.0mm X 3.150"/80.0mm	17
195 CID (3.2L) DOHC 24V V6 Yamaha SHO	1993-1995	3.600"/91.4mm X 3.150"/80.0mm	17
3275 CC (3.3L) SOHC 12V V6 Nissan VG33E	1999-2002	3.602"/91.5mm X 3.268"/83.0mm	15
232 CID (3.8L) 12V V6	1990-2004	3.811"/96.8mm X 3.386"/86.0mm	18
232 CID (3.8L) 12V SC V6	1990-1995	3.811"/96.8mm X 3.386"/86.0mm	19
238 CID (3.9L) 12V V6	2004-2007	3.811"/96.8mm X 3.465"/88.0mm	20
245 CID (4.0L) SOHC 12V V6	1997-2010	3.953"/100.4mm X 3.318"/84.3mm	21
245 CID (4.0L) 12V V6	1990-2000	3.953"/100.4mm X 3.318"/84.3mm	22
256 CID (4.2L) 12V V6	2004-2007	3.811"/96.8mm X 3.740"/95.0mm	20
256 CID (4.2L) 12V V6 Triton	1997-2008	3.811"/96.8mm X 3.740"/95.0mm	20
300 CID (4.9L) 12V L6	1990-1996	4.000"/101.6mm X 3.980"/101.0mm	23
207 CID (3.4L) DOHC 32V V8 Yamaha SHO	1996-1999	3.244"/82.4mm X 3.130"/75.9mm	24
281 CID (4.6L) SOHC 16V V8 Romeo CNG	1995-2005	3.551"/90.2mm X 3.542"/90.0mm	25
281 CID (4.6L) SOHC 16V V8	2006-2010	3.551"/90.2mm X 3.542"/90.0mm	26
281 CID (4.6L) SOHC 24V V8	2005-2010	3.551"/90.2mm X 3.542"/90.0mm	27
281 CID (4.6L) SOHC 16V V8 Romeo	1991-2010	3.551"/90.2mm X 3.542"/90.0mm	28
281 CID (4.6L) SOHC 24V V8 Triton	2009-2010	3.551"/90.2mm X 3.542"/90.0mm	27
281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	1997-2010	3.551"/90.2mm X 3.542"/90.0mm	28
281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	1997-2010	3.551"/90.2mm X 3.542"/90.0mm	29
281 CID (4.6L) SOHC 16V V8 Windsor	1993-2010	3.551"/90.2mm X 3.542"/90.0mm	29
281 CID (4.6L) SOHC 16V V8 Triton (Windsor) LPG	1997-1998	3.551"/90.2mm X 3.542"/90.0mm	30
281 CID (4.6L) DOHC 32V V8 InTech	1993-2005	3.551"/90.2mm X 3.542"/90.0mm	31
281 CID (4.6L) DOHC 32V V8	1996-2001, 2003-2004	3.551"/90.2mm X 3.542"/90.0mm	32
281 CID (4.6L) DOHC 32V SC V8	2003-2004	3.551"/90.2mm X 3.542"/90.0mm	32
302 CID (5.0L) 16V V8 HO	1990-1995	4.000"/101.6mm X 3.000"/76.2mm	33
302 CID (5.0L) 16V V8	1990-2001	4.000"/101.6mm X 3.000"/76.2mm	33
302 CID (5.0L) DOHC 32V V8 99F	2011	3.630"/92.2mm X 3.650"/92.7mm	34
330 CID (5.4L) SOHC 16V V8 Triton (Windsor) CNG	1997-2005	3.551"/90.2mm X 4.161"/105.7mm	29
330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	1997-2010	3.551"/90.2mm X 4.161"/105.7mm	29
330 CID (5.4L) SOHC 16V SC V8 Triton (Windsor)	1999-2004	3.551"/90.2mm X 4.161"/105.7mm	30
330 CID (5.4L) SOHC 24V V8 Triton (Windsor)	2004-2010	3.551"/90.2mm X 4.161"/105.7mm	29
330 CID (5.4L) DOHC 32V V8 InTech	1999-2004	3.551"/90.2mm X 4.161"/105.7mm	30
330 CID (5.4L) DOHC 32V SC V8 Windsor	2005-2009	3.551"/90.2mm X 4.161"/105.7mm	35
351 CID (5.8L) 16V V8 Windsor Carbureted	1990-1991	4.000"/101.6mm X 3.500"/88.8mm	36
351 CID (5.8L) 16V V8 Windsor	1990-1998	4.000"/101.6mm X 3.500"/88.8mm	36
351 CID (5.8L) 16V V8 Windsor HO	1993-1995	4.000"/101.6mm X 3.500"/88.8mm	36
363 CID (6.0L) 32V Turbo. V8 International Power-Stroke VT365 DIESEL	2003-2010	3.740"/95.0mm X 4.134"/105.0mm	37
370 CID (6.1L) 16V V8 Carbureted	1990-1991	4.050"/102.9mm X 3.590"/91.2mm	38
391 CID (6.4L) 32V Turbo. V8 Power-Stroke DIESEL	2008-2010	3.860"/98.0mm X 4.130"/105.0mm	39
445 CID (7.3L) 16V V8 International DIESEL	1990-1994	4.110"/104.4mm X 4.180"/106.2mm	40
445 CID (7.3L) 16V Turbo. V8 International DIESEL	1992-1994	4.110"/104.4mm X 4.180"/106.2mm	40



ENGINE	YEAR	BORE & STROKE	BLOCK
445 CID (7.3L) 16V Turbo. V8 International Power-Stroke DIESEL	1994-2003	4.110"/104.4mm X 4.180"/106.2mm	41
460 CID (7.5L) 16V V8	1990-1998	4.360"/110.7mm X 3.850"/97.8mm	38
415 CID (6.8L) SOHC 20V V10 Triton	1997-2009	3.551"/90.2mm X 4.161"/105.7mm	42
415 CID (6.8L) SOHC 30V V10 Triton	2005-2009	3.551"/90.2mm X 4.161"/105.7mm	43

MODEL	ENGINE	YEAR	BLOCK
Aerostar	183 CID (3.0L) 12V V6 Vulcan	1990-1997	16
Aerostar	245 CID (4.0L) 12V V6	1990-1997	22
Aspire	81 CID (1.3L) SOHC 8V L4 Mazda	1994-1997	1
Aviator	281 CID (4.6L) DOHC 32V V8 InTech	2003-2005	31
Blackwood	330 CID (5.4L) DOHC 32V V8 InTech	2002	30
Bronco	300 CID (4.9L) 12V L6	1990-1992	23
Bronco	302 CID (5.0L) 16V V8	1990-1996	33
Bronco	351 CID (5.8L) 16V V8 Windsor	1990-1996	36
Bronco II	177 CID (2.9L) 12V V6	1990	14
Capri	98 CID (1.6L) DOHC 16V L4 Mazda	1991-1994	2
Capri	98 CID (1.6L) DOHC 16V Turbo. L4 Mazda	1991-1994	2
Colony Park	302 CID (5.0L) 16V V8	1990-1991	33
Continental	232 CID (3.8L) 12V V6	1990-1994	18
Continental	281 CID (4.6L) DOHC 32V V8 InTech	1995-2002	31
Contour	122 CID (2.0L) DOHC 16V L4 Zetec	1995-2000	5
Contour	155 CID (2.5L) DOHC 24V V6 Duratec	1995-2000	13
Cougar	122 CID (2.0L) DOHC 16V L4 Zetec	1999-2002	5
Cougar	155 CID (2.5L) DOHC 24V V6 Duratec	1999-2002	13
Cougar	232 CID (3.8L) 12V V6	1990-1997	18
Cougar	232 CID (3.8L) 12V SC V6	1990	19
Cougar	281 CID (4.6L) SOHC 16V V8 Romeo	1994-1997	28
Cougar	281 CID (4.6L) SOHC 16V V8 Windsor	1994-1997	29
Cougar	302 CID (5.0L) 16V V8 HO	1991-1993	33
Crown Victoria	281 CID (4.6L) SOHC 16V V8 Romeo CNG	1995-2005	25
Crown Victoria	281 CID (4.6L) SOHC 16V V8	2006-2010	26
Crown Victoria	281 CID (4.6L) SOHC 16V V8 Romeo	1992-2010	28
Crown Victoria	281 CID (4.6L) SOHC 16V V8 Windsor	1993-2010	29
E-Series	256 CID (4.2L) 12V V6 Triton	1997-2003	20
E-Series	300 CID (4.9L) 12V L6	1990-1996	23
E-Series	281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	1999-2010	28
E-Series	281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	1997-2010	29
E-Series	281 CID (4.6L) SOHC 16V V8 Triton (Windsor) LPG	1997-1998	30
E-Series	302 CID (5.0L) 16V V8	1990-1996	33
E-Series	330 CID (5.4L) SOHC 16V V8 Triton (Windsor) CNG	1997-2005	29
E-Series	330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	1997-2010	29
E-Series	351 CID (5.8L) 16V V8 Windsor	1990-1996	36
E-Series	363 CID (6.0L) 32V Turbo. V8 International Power-Stroke VT365 DIESEL	2004-2010	37
E-Series	445 CID (7.3L) 16V V8 International DIESEL	1990-1994	40
E-Series	445 CID (7.3L) 16V Turbo. V8 International Power-Stroke DIESEL	1995-2003	41
E-Series	460 CID (7.5L) 16V V8	1990-1996	38
E-Series	415 CID (6.8L) SOHC 20V V10 Triton	1997-2009	42
Escape	122 CID (2.0L) DOHC 16V L4 Zetec	2001-2004	5
Escape	140 CID (2.3L) DOHC 16V L4 Duratec	2005-2008	10
Escape	140 CID (2.3L) DOHC 16V L4 Duratec Hybrid	2005-2008	10



MODEL	ENGINE	YEAR	BLOCK
Escape	181 CID (3.0L) DOHC 24V V6 Duratec	2001-2006	13
Escort	112 CID (1.8L) DOHC 16V L4 Mazda BP	1991-1996	2
Escort	116 CID (1.9L) SOHC 8V L4 HO	1994-1995	3
Escort	116 CID (1.9L) SOHC 8V L4	1990-1996	3
Escort	122 CID (2.0L) SOHC 8V L4	1997-2002	3
Escort	122 CID (2.0L) DOHC 16V L4 Zetec	1998-2003	5
Excursion	330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	2000-2005	29
Excursion	363 CID (6.0L) 32V Turbo. V8 International Power-Stroke VT365 DIESEL	2003-2005	37
Excursion	445 CID (7.3L) 16V Turbo. V8 International Power-Stroke DIESEL	2000-2003	41
Excursion	415 CID (6.8L) SOHC 20V V10 Triton	2000-2005	42
Expedition	281 CID (4.6L) SOHC 16V V8 Romeo	2004	28
Expedition	281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	1997-2004	28
Expedition	281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	1997-2004	29
Expedition	281 CID (4.6L) SOHC 16V V8 Windsor	2004	29
Expedition	330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	1997-2004	29
Expedition	330 CID (5.4L) SOHC 24V V8 Triton (Windsor)	2005-2010	29
Explorer	245 CID (4.0L) SOHC 12V V6	1997-2010	21
Explorer	245 CID (4.0L) 12V V6	1991-2000	22
Explorer	281 CID (4.6L) SOHC 24V V8	2006-2010	27
Explorer	281 CID (4.6L) SOHC 16V V8 Romeo	2005	28
Explorer	281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	2002-2005	28
Explorer	281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	2002-2005	29
Explorer	281 CID (4.6L) SOHC 16V V8 Windsor	2005	29
Explorer	302 CID (5.0L) 16V V8	1996-2001	33
Explorer Sport Trac	245 CID (4.0L) SOHC 12V V6	2001-2005, 2007-2010	21
Explorer Sport Trac	281 CID (4.6L) SOHC 24V V8	2007-2010	27
F-Series	256 CID (4.2L) 12V V6 Triton	1997-2008	20
F-Series	300 CID (4.9L) 12V L6	1990-1996	23
F-Series	281 CID (4.6L) SOHC 24V V8 Triton	2009-2010	27
F-Series	281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	1997-2010	28
F-Series	281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	1997-2010	29
F-Series	302 CID (5.0L) 16V V8	1990-1996	33
F-Series	330 CID (5.4L) SOHC 16V V8 Triton (Windsor) CNG	1997-2004	29
F-Series	330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	1997-2004	29
F-Series	330 CID (5.4L) SOHC 16V SC V8 Triton (Windsor)	1999-2004	30
F-Series	330 CID (5.4L) SOHC 24V V8 Triton (Windsor)	2004-2010	29
F-Series	351 CID (5.8L) 16V V8 Windsor	1990-1998	36
F-Series	351 CID (5.8L) 16V V8 Windsor HO	1993-1995	36
F-Series	363 CID (6.0L) 32V Turbo. V8 International Power-Stroke VT365 DIESEL	2003-2007	37
F-Series	370 CID (6.1L) 16V V8 Carbureted	1990-1991	38
F-Series	391 CID (6.4L) 32V Turbo. V8 Power-Stroke DIESEL	2008-2010	39
F-Series	445 CID (7.3L) 16V V8 International DIESEL	1990-1994	40
F-Series	445 CID (7.3L) 16V Turbo. V8 International DIESEL	1992-1994	40
F-Series	445 CID (7.3L) 16V Turbo. V8 International Power-Stroke DIESEL	1994-1997, 1999-2003	41
F-Series	460 CID (7.5L) 16V V8	1990-1998	38
F-Series	415 CID (6.8L) SOHC 20V V10 Triton	1999-2004	42
F-Series	415 CID (6.8L) SOHC 30V V10 Triton	2005-2009	43
F53	460 CID (7.5L) 16V V8	1990-1997	38
F59	445 CID (7.3L) 16V V8 International DIESEL	1990-1994	40
F59	445 CID (7.3L) 16V Turbo. V8 International DIESEL	1993-1994	40



MODEL	ENGINE	YEAR	BLOCK
F59	445 CID (7.3L) 16V Turbo. V8 International Power-Stroke DIESEL	1994	41
Festiva	81 CID (1.3L) SOHC 8V L4 Mazda	1990-1993	1
Five Hundred	181 CID (3.0L) DOHC 24V V6 Duratec	2005-2006	13
Focus	121 CID (2.0L) DOHC 16V L4 Duratec	2004-2009	4
Focus	122 CID (2.0L) SOHC 8V L4	2000-2004	3
Focus	122 CID (2.0L) DOHC 16V L4 Zetec	2000-2004	5
Focus	140 CID (2.3L) DOHC 16V L4 Duratec	2003-2007	10
Freestar	238 CID (3.9L) 12V V6	2004-2007	20
Freestar	256 CID (4.2L) 12V V6	2004-2007	20
Freestyle	181 CID (3.0L) DOHC 24V V6 Duratec	2005-2006	13
FT800	370 CID (6.1L) 16V V8 Carbureted	1990	38
Fusion	140 CID (2.3L) DOHC 16V L4 Duratec	2006-2009	10
Fusion	181 CID (3.0L) DOHC 24V V6 Duratec	2006	13
Grand Marquis	281 CID (4.6L) SOHC 16V V8	2006-2010	26
Grand Marquis	281 CID (4.6L) SOHC 16V V8 Romeo	1992-2008	28
Grand Marquis	281 CID (4.6L) SOHC 16V V8 Windsor	1993-2008	29
Grand Marquis	302 CID (5.0L) 16V V8	1990-1991	33
GT	330 CID (5.4L) DOHC 32V SC V8 Windsor	2005-2006	35
LS	181 CID (3.0L) DOHC 24V V6 Duratec	2000-2005	13
LTD	302 CID (5.0L) 16V V8	1990-1991	33
LTD Crown Victoria	302 CID (5.0L) 16V V8	1990-1991	33
LTD Crown Victoria	351 CID (5.8L) 16V V8 Windsor Carbureted	1990-1991	36
Marauder	281 CID (4.6L) DOHC 32V V8 InTech	2003-2004	31
Mariner	140 CID (2.3L) DOHC 16V L4 Duratec	2005-2008	10
Mariner	140 CID (2.3L) DOHC 16V L4 Duratec Hybrid	2006-2008	10
Mariner	181 CID (3.0L) DOHC 24V V6 Duratec	2005-2006	13
Mark LT	330 CID (5.4L) SOHC 24V V8 Triton (Windsor)	2006-2008	29
Mark VII	302 CID (5.0L) 16V V8 HO	1990-1992	33
Mark VIII	281 CID (4.6L) DOHC 32V V8 InTech	1993-1998	31
Milan	140 CID (2.3L) DOHC 16V L4 Duratec	2006-2009	10
Milan	181 CID (3.0L) DOHC 24V V6 Duratec	2006	13
Montego	181 CID (3.0L) DOHC 24V V6 Duratec	2005-2006	13
Monterey	256 CID (4.2L) 12V V6	2004-2007	20
Mountaineer	245 CID (4.0L) SOHC 12V V6	1998-2010	21
Mountaineer	281 CID (4.6L) SOHC 24V V8	2006-2010	27
Mountaineer	281 CID (4.6L) SOHC 16V V8 Triton (Romeo)	2002-2005	28
Mountaineer	281 CID (4.6L) SOHC 16V V8 Triton (Windsor)	2002-2005	29
Mountaineer	302 CID (5.0L) 16V V8	1997-2001	33
Mustang	140 CID (2.3L) SOHC 8V L4	1990-1993	8
Mustang	232 CID (3.8L) 12V V6	1994-2004	18
Mustang	238 CID (3.9L) 12V V6	2004	20
Mustang	245 CID (4.0L) SOHC 12V V6	2005-2010	21
Mustang	281 CID (4.6L) SOHC 24V V8	2005-2010	27
Mustang	281 CID (4.6L) SOHC 16V V8 Romeo	1996-2004	28
Mustang	281 CID (4.6L) SOHC 16V V8 Windsor	1996-2004	29
Mustang	281 CID (4.6L) DOHC 32V V8	1996-2001, 2003-2004	32
Mustang	281 CID (4.6L) DOHC 32V SC V8	2003-2004	32
Mustang	302 CID (5.0L) 16V V8 HO	1990-1995	33
Mustang	302 CID (5.0L) DOHC 32V V8 99F	2011	34
Mustang	330 CID (5.4L) DOHC 32V SC V8 Windsor	2007-2009	35
Mustang	351 CID (5.8L) 16V V8 Windsor	1995	36
Mystique	122 CID (2.0L) DOHC 16V L4 Zetec	1995-2000	5
Mystique	155 CID (2.5L) DOHC 24V V6 Duratec	1995-2000	13
Navigator	330 CID (5.4L) SOHC 16V V8 Triton (Windsor)	1998-1999	29



MODEL	ENGINE	YEAR	BLOCK
Navigator	330 CID (5.4L) SOHC 24V V8 Triton (Windsor)	2005-2010	29
Navigator	330 CID (5.4L) DOHC 32V V8 InTech	1999-2004	30
Probe	122 CID (2.0L) DOHC 16V L4 Mazda	1993-1997	6
Probe	134 CID (2.2L) SOHC 12V L4 Mazda	1990-1992	7
Probe	134 CID (2.2L) SOHC 12V Turbo. L4 Mazda	1990-1992	7
Probe	152 CID (2.5L) DOHC 24V V6 Mazda	1993-1997	12
Probe	183 CID (3.0L) 12V V6 Vulcan	1990-1992	16
Ranger	140 CID (2.3L) SOHC 8V L4	1990-1997	8
Ranger	140 CID (2.3L) DOHC 16V L4 Duratec	2001-2009	10
Ranger	153 CID (2.5L) SOHC 8V L4	1998-2001	11
Ranger	177 CID (2.9L) 12V V6	1990-1992	14
Ranger	183 CID (3.0L) 12V V6 Vulcan	1991-2008	16
Ranger	245 CID (4.0L) SOHC 12V V6	2001-2010	21
Ranger	245 CID (4.0L) 12V V6	1990-2000	22
Sable	181 CID (3.0L) DOHC 24V V6 Duratec	1996-2005	13
Sable	183 CID (3.0L) 12V V6 Vulcan	1990-2005	16
Sable	232 CID (3.8L) 12V V6	1990-1995	18
Taurus	153 CID (2.5L) 8V L4 HSC	1990-1991	9
Taurus	181 CID (3.0L) DOHC 24V V6 Duratec	1996-2005	13
Taurus	183 CID (3.0L) 12V V6 Vulcan	1990-2007	16
Taurus	183 CID (3.0L) DOHC 24V V6 Yamaha SHO	1990-1995	17
Taurus	195 CID (3.2L) DOHC 24V V6 Yamaha SHO	1993-1995	17
Taurus	232 CID (3.8L) 12V V6	1990-1995	18
Taurus	207 CID (3.4L) DOHC 32V V8 Yamaha SHO	1996-1999	24
Tempo	140 CID (2.3L) 8V L4 HSC	1990-1994	9
Tempo	140 CID (2.3L) 8V L4 HSC-High Output	1990-1991	9
Tempo	183 CID (3.0L) 12V V6 Vulcan	1992-1994	16
Thunderbird	232 CID (3.8L) 12V V6	1990-1997	18
Thunderbird	232 CID (3.8L) 12V SC V6	1990-1995	19
Thunderbird	281 CID (4.6L) SOHC 16V V8 Romeo	1994-1997	28
Thunderbird	281 CID (4.6L) SOHC 16V V8 Windsor	1994-1997	29
Thunderbird	302 CID (5.0L) 16V V8 HO	1991-1993	33
Topaz	140 CID (2.3L) 8V L4 HSC	1990-1994	9
Topaz	140 CID (2.3L) 8V L4 HSC-High Output	1990-1991	9
Topaz	183 CID (3.0L) 12V V6 Vulcan	1992-1994	16
Town Car	281 CID (4.6L) SOHC 16V V8	2006-2010	26
Town Car	281 CID (4.6L) SOHC 16V V8 Romeo	1991-2008	28
Town Car	281 CID (4.6L) SOHC 16V V8 Windsor	1993-2008	29
Town Car	302 CID (5.0L) 16V V8	1990	33
Tracer	112 CID (1.8L) DOHC 16V L4 Mazda BP	1991-1996	2
Tracer	116 CID (1.9L) SOHC 8V L4	1991-1996	3
Tracer	122 CID (2.0L) SOHC 8V L4	1997-1999	3
Villager	2960 CC (3.0L) SOHC 12V V6 Nissan VG30E	1993-1998	15
Villager	3275 CC (3.3L) SOHC 12V V6 Nissan VG33E	1999-2002	15
Windstar	183 CID (3.0L) 12V V6 Vulcan	1995-2000	16
Windstar	232 CID (3.8L) 12V V6	1995-2003	18
Zephyr	181 CID (3.0L) DOHC 24V V6 Duratec	2006	13



CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
C20E	3.000in/76.2mm	33	C90E	3.500in/88.8mm	36	E2AE-AC	3.386in/86.0mm	18
C30E-A	3.000in/76.2mm	33	D00E-A	3.590in/91.2mm	38	E2AE-AC	3.386in/86.0mm	19
C3AE-D	3.000in/76.2mm	33	D00E-A	3.850in/97.8mm	38	E43E-AA	3.125in/79.4mm	8
C3AE-J	3.000in/76.2mm	33	D42E-AA	3.125in/79.4mm	8	E6AE-AB	3.150in/80.0mm	16
C80E-A	3.000in/76.2mm	33	D60E	3.500in/88.8mm	36	OCB	3.318in/84.3mm	22
C8DE	3.000in/76.2mm	33	D60E	3.500in/88.8mm	36	RFF1AE6205-AD	3.542in/90.0mm	25
C8VE	3.590in/91.2mm	38	D6VE	3.590in/91.2mm	38	RFF1AE6205-AD	3.542in/90.0mm	28
C8VE	3.850in/97.8mm	38	D6VE	3.850in/97.8mm	38	RFF1AE6205-AD	3.542in/90.0mm	29
C8VE-A	3.590in/91.2mm	38	D9TE	3.590in/91.2mm	38	RFF1AE6205-AD	3.542in/90.0mm	30
C8VE-A	3.850in/97.8mm	38	D9TE	3.850in/97.8mm	38			
C90E	3.500in/88.8mm	36	E 0352 018	3.130in/75.9mm	24			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
003K	2.831in/71.9mm	14	1YAB	3.850in/97.8mm	38	3MA	3.500in/88.8mm	36
003N	2.831in/71.9mm	14	2 MAE	4.180in/106.2mm	40	3Y	3.590in/91.2mm	38
020201A1	2.831in/71.9mm	14	2 MAE	4.180in/106.2mm	41	3Y	3.850in/97.8mm	38
09N	2.831in/71.9mm	14	202B	4.180in/106.2mm	40	3YAB	3.590in/91.2mm	38
1.9	2.831in/71.9mm	14	202B	4.180in/106.2mm	41	3YAB	3.850in/97.8mm	38
10-B	2.831in/71.9mm	14	2D	3.125in/79.4mm	8	4U	3.590in/91.2mm	38
1174N	2.831in/71.9mm	14	2H-A	3.000in/76.2mm	33	4U	3.850in/97.8mm	38
11M	2.831in/71.9mm	14	2J	3.000in/76.2mm	33	4UA	3.590in/91.2mm	38
11M	4.180in/106.2mm	40	2M	3.000in/76.2mm	33	4UA	3.850in/97.8mm	38
11M-14	4.180in/106.2mm	40	2MA	3.000in/76.2mm	33	4UAB	3.590in/91.2mm	38
13111-03010-D	4.180in/106.2mm	40	2MAB	3.000in/76.2mm	33	4UAB	3.850in/97.8mm	38
140N	4.180in/106.2mm	40	2MAC	3.000in/76.2mm	33	4UB	3.590in/91.2mm	38
176H	4.180in/106.2mm	40	2MAD	3.000in/76.2mm	33	4UB	3.850in/97.8mm	38
17M	4.180in/106.2mm	40	2MAE	3.000in/76.2mm	33	7M	3.500in/88.8mm	36
1802224C92	4.180in/106.2mm	40	2MAE	4.180in/106.2mm	40	7MA	3.500in/88.8mm	36
1802224C93	4.180in/106.2mm	40	2MAE	4.180in/106.2mm	41	82TM	2.831in/71.9mm	14
1803420C1	4.180in/106.2mm	40	2N	3.000in/76.2mm	33	82TM-HAA	2.831in/71.9mm	14
1805420C1	4.180in/106.2mm	40	2NA	3.000in/76.2mm	33	851M	2.831in/71.9mm	14
1805420C1	4.180in/106.2mm	41	2NAB	3.000in/76.2mm	33	86TM-BA	2.831in/71.9mm	14
1809954C1	4.180in/106.2mm	40	2NABC	3.000in/76.2mm	33	887652N	2.831in/71.9mm	14
1809954C1	4.180in/106.2mm	41	2NABC	3.590in/91.2mm	38	88TM-BA	2.831in/71.9mm	14
1812320C91	4.180in/106.2mm	40	2NABC	3.850in/97.8mm	38	8F28	2.831in/71.9mm	14
1812320C91	4.180in/106.2mm	41	2Y	3.590in/91.2mm	38	8HA	2.831in/71.9mm	14
1816975C1	4.180in/106.2mm	40	2Y	3.850in/97.8mm	38	8HA-6303	2.831in/71.9mm	14
1816975C1	4.180in/106.2mm	41	2Y68-76	3.590in/91.2mm	38	8MTH	2.831in/71.9mm	14
188A	4.180in/106.2mm	40	2Y68-76	3.850in/97.8mm	38	90-21-0	2.831in/71.9mm	14
188A	4.180in/106.2mm	41	2YA	3.590in/91.2mm	38	90-21-0	3.318in/84.3mm	22
1A	4.180in/106.2mm	40	2YA	3.850in/97.8mm	38	90-21-0	3.461in/87.9mm	5
1A	4.180in/106.2mm	41	2YAB	3.590in/91.2mm	38	90003C	2.831in/71.9mm	14
1AA	4.180in/106.2mm	40	2YAB	3.850in/97.8mm	38	90TM-6303-AB	3.318in/84.3mm	22
1AA	4.180in/106.2mm	41	2YABC	3.590in/91.2mm	38	90TM-AA	2.831in/71.9mm	14
1D	3.125in/79.4mm	8	2YABC	3.850in/97.8mm	38	90TM-AA	3.318in/84.3mm	22
1J	3.000in/76.2mm	33	30R	3.590in/91.2mm	38	90TM-AA	3.461in/87.9mm	5
1M	3.000in/76.2mm	33	30R	3.850in/97.8mm	38	90TM-AB	2.831in/71.9mm	14
1MA	3.000in/76.2mm	33	31-87	3.590in/91.2mm	38	90TM-AB	3.318in/84.3mm	22
1P	3.386in/86.0mm	18	31-87	3.850in/97.8mm	38	90TM-AB	3.461in/87.9mm	5
1P	3.386in/86.0mm	19	31M	3.590in/91.2mm	38	9166N	2.831in/71.9mm	14
1V	3.590in/91.2mm	38	31M	3.850in/97.8mm	38	9166N	3.318in/84.3mm	22
1V	3.850in/97.8mm	38	3281N	3.590in/91.2mm	38	9166N	3.461in/87.9mm	5
1VA	3.590in/91.2mm	38	3281N	3.850in/97.8mm	38	91A-6303-A	2.831in/71.9mm	14
1VA	3.850in/97.8mm	38	329880N	3.590in/91.2mm	38	91A-6303-A	3.318in/84.3mm	22
1VAB	3.590in/91.2mm	38	329880N	3.850in/97.8mm	38	91A-6303-A	3.461in/87.9mm	5
1VAB	3.850in/97.8mm	38	3C	3.500in/88.8mm	36	91A-6303-B	2.831in/71.9mm	14
1YAB	3.590in/91.2mm	38	3M	3.500in/88.8mm	36	91A-6303-B	3.318in/84.3mm	22



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
91A-6303-B	3.461in/87.9mm	5	C3OZ-B	3.000in/76.2mm	33	E88E-AB	3.125in/79.4mm	8
91H-6303-B	2.831in/71.9mm	14	C80E-B	3.000in/76.2mm	33	E89E-AB	3.125in/79.4mm	8
91H-6303-B	3.318in/84.3mm	22	C8SE-A	3.590in/91.2mm	38	E9DE-BA	3.386in/86.0mm	19
91H-6303-B	3.461in/87.9mm	5	C8SE-A	3.850in/97.8mm	38	E9DE-BB	3.386in/86.0mm	19
91K	2.831in/71.9mm	14	C8VE	3.590in/91.2mm	38	E9SE-CB	3.386in/86.0mm	19
91K	3.318in/84.3mm	22	C8VE	3.850in/97.8mm	38	F0SE-AA	3.386in/86.0mm	19
91K	3.461in/87.9mm	5	C8VE-A	3.590in/91.2mm	38	F1AE-AD	3.542in/90.0mm	28
91TM-AA	2.831in/71.9mm	14	C8VE-A	3.850in/97.8mm	38	F1AE-AD	3.542in/90.0mm	29
91TM-AA	3.318in/84.3mm	22	C9AE-A	3.590in/91.2mm	38	F1AE-AD	3.542in/90.0mm	30
91TM-AA	3.461in/87.9mm	5	C9AE-A	3.850in/97.8mm	38	F1AE-AD-5D	3.542in/90.0mm	31
96TM-AA	3.290in/83.6mm	1	C9AE-B	3.590in/91.2mm	38	F1AE-AD-5D	3.542in/90.0mm	32
96TM-AA	3.318in/84.3mm	22	C9AE-B	3.850in/97.8mm	38	F1AE-AD-7D	3.542in/90.0mm	31
97TM	3.290in/83.6mm	1	C9OE-A	3.500in/88.8mm	36	F1AE-AD-7D	3.542in/90.0mm	32
97TM-	3.318in/84.3mm	22	C9ZE-A	3.000in/76.2mm	33	F1AE-AD-8D	3.542in/90.0mm	31
A-6303	3.290in/83.6mm	1	D	3.125in/79.4mm	8	F1AE-AD-8D	3.542in/90.0mm	32
A-6303	3.318in/84.3mm	22	D9TE-AA	3.590in/91.2mm	38	F1AE-AE	3.542in/90.0mm	28
A-6303-A	3.290in/83.6mm	1	D9TE-AA	3.850in/97.8mm	38	F1AE-AE	3.542in/90.0mm	29
A-6303-A	3.318in/84.3mm	22	D9TE-B	3.590in/91.2mm	38	F1AE-AE	3.542in/90.0mm	30
A1D	3.290in/83.6mm	1	D9TE-B	3.850in/97.8mm	38	F1AE-AE	3.542in/90.0mm	31
A1D	3.318in/84.3mm	22	D9TE-BA	3.590in/91.2mm	38	F1AE-AE	3.542in/90.0mm	32
A301	3.290in/83.6mm	1	D9TE-BA	3.850in/97.8mm	38	F201	3.701in/94.0mm	7
A301	3.318in/84.3mm	22	D9TE-EA	3.590in/91.2mm	38	F4SE-BB	3.386in/86.0mm	19
AD	3.290in/83.6mm	1	D9TE-EA	3.850in/97.8mm	38	F5	3.268in/83.0mm	15
AD	3.318in/84.3mm	22	E1AE	3.000in/76.2mm	33	F5	3.150in/80.0mm	17
AY	3.290in/83.6mm	1	E1AE-AA	3.000in/76.2mm	33	F58E	3.150in/80.0mm	16
AY	3.318in/84.3mm	22	E2AE	3.386in/86.0mm	18	F58E-AA	3.150in/80.0mm	16
B301	3.290in/83.6mm	1	E2AE-AF	3.386in/86.0mm	18	F58E-B	3.150in/80.0mm	16
B301	3.318in/84.3mm	22	E2AE-DB	3.386in/86.0mm	18	F5AE-AA	3.150in/80.0mm	16
B5A-6303-B	3.307in/84.0mm	2	E2AE-DB	3.386in/86.0mm	19	F5DE	3.150in/80.0mm	16
B5Q-6303-A	3.307in/84.0mm	2	E2ZE-BA	3.125in/79.4mm	8	F5TZ-6012-AA	3.318in/84.3mm	22
B5S-6303-A	3.307in/84.0mm	2	E3AA-AA	3.386in/86.0mm	18	FE-50	3.701in/94.0mm	7
B616	3.307in/84.0mm	2	E3AA-AA	3.386in/86.0mm	19	FE201	3.701in/94.0mm	7
B630	3.307in/84.0mm	2	E3AE	3.386in/86.0mm	18	GS-M	3.000in/76.2mm	33
B657	3.307in/84.0mm	2	E3AE-AA	3.386in/86.0mm	18	H	3.590in/91.2mm	38
C0E-A	3.000in/76.2mm	33	E4AE-BA	3.500in/88.8mm	36	H	3.850in/97.8mm	38
C20E-A	3.000in/76.2mm	33	E5EE-AA	3.460in/88.0mm	3	PROBE	3.701in/94.0mm	7
C20Z	3.000in/76.2mm	33	E63E-AA	3.578in/90.8mm	9	RFE 6AE	3.150in/80.0mm	16
C20Z-A	3.000in/76.2mm	33	E63E-AB	3.578in/90.8mm	9	RFF1AE6306-AD	3.542in/90.0mm	25
C2OZ	3.000in/76.2mm	33	E6AE-A	3.150in/80.0mm	16	RFF1AE6306-AD	3.542in/90.0mm	28
C2OZ-B	3.000in/76.2mm	33	E6AE-AH	3.150in/80.0mm	16	RFF1AE6306-AD	3.542in/90.0mm	29
C30E-B	3.000in/76.2mm	33	E6AE-B	3.150in/80.0mm	16	RFF1AE6306-AD	3.542in/90.0mm	30
C30Z	3.000in/76.2mm	33	E6AE-C	3.150in/80.0mm	16	VG30	3.268in/83.0mm	15
C3AE-F	3.000in/76.2mm	33	E6AE-W	3.150in/80.0mm	16	XBRO-1145	3.125in/79.4mm	8
C3AF-N	3.000in/76.2mm	33	E7AE	3.000in/76.2mm	33	ZYA	3.590in/91.2mm	38
C3OZ	3.000in/76.2mm	33	E7AE-AA	3.000in/76.2mm	33	ZYA	3.850in/97.8mm	38



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	81 CID (1.3L) SOHC 8V L4 Mazda VIN Code: 'H' (1990-1997)			2.795"/71.0mm x 3.290"/83.6mm				1
Rod Bearing (4)	AL-3	CB-1279AL	STD, .25mm, .50mm, .75mm 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set 1-2-3-4-5	AL-3	MS-1802AL MB-3173AL	STD, .25mm, .50mm, .75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								
Crankshaft Forging				96TM-AA, 97TM, A-6303, A-6303-A, A1D, A301, AD, AY, B301				
2	98 CID (1.6L) DOHC 16V L4 Mazda VIN Code: 'Z' (1991-1994)			3.071"/78.0mm x 3.307"/84.0mm				2
	98 CID (1.6L) DOHC 16V Turbo. L4 Mazda VIN Code: '6' (1991-1994)			3.071"/78.0mm x 3.307"/84.0mm				
	112 CID (1.8L) DOHC 16V L4 Mazda BP VIN Code: '8' (1991-1996)			3.268"/83.0mm x 3.346"/85.0mm				
Rod Bearing (4)	AL-3	CB-1453AL	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Main Bearing Set 1-2-3-4-5	AL-3	MS-1802AL MB-3173AL	STD, .25mm, .50mm, .75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								
Crankshaft Forging				B5A-6303-B, B5Q-6303-A, B5S-6303-A, B616, B630, B657				
3	116 CID (1.9L) SOHC 8V L4 HO VIN Code: 'K' (1994-1995)			3.226"/81.9mm x 3.460"/88.0mm				3
	116 CID (1.9L) SOHC 8V L4 VIN Codes: '9' (1990), 'J' (1990-1996)			3.226"/81.9mm x 3.460"/88.0mm				
	122 CID (2.0L) SOHC 8V L4 VIN Code: 'P' (1997-2004)			3.339"/84.8mm x 3.461"/87.9mm				
Rod Bearing (4)	AL-5	CB-1380A	STD, .25mm, .50mm, .75mm	1.7279/1.7287	0.0001/0.0021	0.0587	1.8460/1.8468	0.7680
Rod Bearing (4)	TM-77	CB-1380P	STD, .25mm	1.7279/1.7287	0.0008/0.0025	0.0587	1.8460/1.8468	0.7680
Main Bearing Set 1-2-4-5 3	AL-5	MS-1706A MB-3073A MB-3074A(F)	STD, .25mm, .50mm, .75mm	2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890 1.1310
Main Bearing Set 1-2-4-5 3	TM-77	MS-1706P MB-3073P MB-3074P(F)	STD, .25mm	2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890 1.1310
Crankshaft Forging				E5EE-AA				

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
4	121 CID (2.0L) DOHC 16V L4 Duratec			3.445"/87.5mm x 3.270"/83.0mm				4
VIN Code: 'N' (2004-2009)								
Rod Bearing (4)	AL-5	CB-1840AL	STD,.25mm,.50mm	1.8496/1.8504	0.0007/0.0029	0.0592	1.9695/1.9703	0.6650
Rod Bearing (4)	AL-5	CB-1841AL-.25mm	.50mm	1.8496/1.8504	0.0007/0.0029	0.0602	1.9715/1.9723	0.6650
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2245AL	STD,.25mm,.50mm	2.0464/2.0472 0.0004/0.0024 0.0986 2.2448/2.2455 0.7520 2.0464/2.0472 0.0006/0.0027 0.0985 2.2448/2.2455 1.0140				
1-2-4-5		MB-3822AL						
3		MB-3823AL(F)						
5	122 CID (2.0L) DOHC 16V L4 Zetec			3.339"/84.8mm x 3.461"/87.9mm				5
VIN Codes: '3' (1995-2004), '5' (2002-2004), 'B' (2001-2004), 'Z' (1996-2000)								
Rod Bearing (4)	AL-5	CB-1774A	STD,.25mm,.50mm .75mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Rod Bearing (4)	TM-77	CB-1774P	STD,.25mm,.50mm,.75mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Main Bearing Set	AL-5	MS-2208A	STD,.25mm,.50mm .75mm	2.2827/2.2834 0.0003/0.0016 0.0842 2.4522/2.4528 0.7710 2.2827/2.2834 0.0007/0.0030 0.0842 2.4522/2.4528 0.9730				
1-2-4-5		MB-3753A						
3		MB-3754A(F)						
Main Bearing Set	TM-77	MS-2208P	STD,.25mm,.50mm,.75mm	2.2827/2.2834 0.0003/0.0016 0.0842 2.4522/2.4528 0.7710 2.2827/2.2834 0.0007/0.0030 0.0842 2.4522/2.4528 0.9730				
1-2-4-5		MB-3753P						
3		MB-3754P(F)						
Crankshaft Forging 90-21-0, 90TM-AA, 90TM-AB, 9166N, 91A-6303-A, 91A-6303-B, 91H-6303-B, 91K, 91TM-AA								
6	122 CID (2.0L) DOHC 16V L4 Mazda			3.268"/83.0mm x 3.622"/92.0mm				6
VIN Code: 'A' (1993-1997)								
Rod Bearing (4)	TM-1	CB-1652P	STD,.25mm,.50mm	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
Main Bearing Set	TM-1	MS-2057AL	STD,.25mm,.50mm	2.2022/2.2030 0.0008/0.0022 0.0791 2.3622/2.3628 0.6940				
1-2-3-4-5		MB-3544AL						
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-596S								
Thrust Washer Set		TW-596S	STD	2.4507 0.1003 3.2283				
		MB-3544W						
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2057AL								
7	134 CID (2.2L) SOHC 12V L4 Mazda			3.386"/86.0mm x 3.701"/94.0mm				7
VIN Code: 'C' (1990-1992)								
	134 CID (2.2L) SOHC 12V Turbo. L4 Mazda			3.386"/86.0mm x 3.701"/94.0mm				
VIN Code: 'L' (1990-1992)								
Rod Bearing (4)	AL-3	CB-1362AL	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set	AL-3	MS-1803AL	STD,.25mm,.50mm,.75mm	2.3597/2.3604 0.0007/0.0030 0.0793 2.5197/2.5203 0.7530 2.3597/2.3604 0.0007/0.0030 0.0793 2.5197/2.5203 1.1020				
1-2-4-5		MB-3174AL						
3		MB-3175AL(F)						
NOTE: .25mm Undersize Set Contains .10mm Oversize Length Flanged Bearing, .50mm Undersize Set Contains .18mm Oversize Length Flanged Bearing, .75mm Undersize Set Contains .26mm Oversize Length Flanged Bearing, Contains Partial Grooved Main Bearings								
Crankshaft Forging F201, FE-50, FE201, PROBE								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
8	140 CID (2.3L) SOHC 8V L4 VIN Codes: 'A' (1990-1997), 'M' (1991-1993)			3.780"/96.0mm x 3.125"/79.4mm				8
Rod Bearing (4)	TM-77	CB-984P	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set 1-2-4-5 3	TM-77	MS-1117P MB-2612P MB-2613P(F)	STD,.25mm,.50mm	2.3982/2.3990 2.3982/2.3990	0.0005/0.0031 0.0005/0.0031	0.0956	2.5902/2.5910 2.5902/2.5910	0.9500 1.1950
NOTE: 1 Spark Plug Per Cylinder								
Main Bearing Set 1-2-4-5 3	TM-77	MS-1743P MB-3137P MB-3130P(F)	STD,.25mm,.50mm	2.2051/2.2059 2.2051/2.2059	0.0008/0.0026 0.0008/0.0026	0.0956	2.3971/2.3979 2.3971/2.3979	0.9500 1.1940
NOTE: 2 Spark Plugs Per Cylinder								
Cam Bearing Set 1-2-3-4	B-1	SH-777S SH-777	STD	1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
Aux. Shaft Bearing Set Front Rear	B-1	SH-1095S SH-1095 SH-1096	STD	1.6522/1.6530 1.6522/1.6530	0.0007/0.0047 0.0007/0.0047	0.0717 0.0619	1.7968/1.7980 1.7772/1.7783	0.5100 0.5100
Connecting Rod Forging D42E-AA, E43E-AA								
Crankshaft Forging 1D, 2D, D, E2ZE-BA, E88E-AB, E89E-AB, XBRO-1145								
9	140 CID (2.3L) 8V L4 HSC VIN Code: 'X' (1990-1994)			3.680"/93.5mm x 3.300"/84.0mm				9
	140 CID (2.3L) 8V L4 HSC-High Output VIN Code: 'S' (1990-1991)			3.680"/93.5mm x 3.300"/84.0mm				
	153 CID (2.5L) 8V L4 HSC VIN Code: 'D' (1990-1991)			3.680"/93.5mm x 3.578"/90.8mm				
Cam Bearing Set 1 2-3 4	B-1	SH-1251S SH-1251 SH-1252 SH-1253	STD	2.0070/2.0080 2.0070/2.0080 2.0070/2.0080	0.0012/0.0047 0.0015/0.0045 0.0012/0.0047	0.0973 0.0894 0.0973	2.2040/2.2055 2.1885/2.1895 2.2040/2.2055	0.7200 0.7200 0.4990
Crankshaft Forging E63E-AA, E63E-AB								
10	140 CID (2.3L) DOHC 16V L4 Duratec VIN Codes: 'D' (2001-2009), 'Z' (2003-2009)			3.440"/87.4mm x 3.700"/94.0mm				10
	140 CID (2.3L) DOHC 16V L4 Duratec Hybrid VIN Code: 'H' (2005-2008)			3.440"/87.4mm x 3.700"/94.0mm				
Rod Bearing (4)	AL-5	CB-1838AL	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Rod Bearing (4) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1839AL-.25mm	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
Main Bearing Set 1-2-4-5 3	AL-5	MS-2245AL MB-3822AL MB-3823AL(F)	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472	0.0004/0.0024 0.0006/0.0027	0.0986	2.2448/2.2455 2.2448/2.2455	0.7520 1.0140
11	153 CID (2.5L) SOHC 8V L4 VIN Code: 'C' (1998-2001)			3.780"/96.0mm x 3.397"/86.3mm				11
Rod Bearing (4)	TM-77	CB-984P	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set 1-2-4-5 3	TM-77	MS-1743P MB-3137P MB-3130P(F)	STD,.25mm,.50mm	2.2051/2.2059 2.2051/2.2059	0.0008/0.0026 0.0008/0.0026	0.0956	2.3971/2.3979 2.3971/2.3979	0.9500 1.1940
Cam Bearing Set 1-2-3-4	B-1	SH-777S SH-777	STD	1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
12	152 CID (2.5L) DOHC 24V V6 Mazda VIN Code: 'B' (1993-1997)			3.327"/84.5mm x 2.920"/74.2mm				12
Rod Bearing (6)	TM-1	CB-1653P	STD,.25mm,.50mm	2.0843/2.0848	0.0009/0.0018	0.0595	2.2047/2.2053	0.6705
Main Bearing Set 1-2-3 4	TM-1	MS-2058AL MB-3545AL MB-3546AL	STD,.25mm	2.4382/2.4392 2.4382/2.4392	0.0015/0.0025 0.0015/0.0025	0.0980	2.6378/2.6384 2.6378/2.6384	0.7138 0.8673
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-552S								
Thrust Washer Set		TW-552S MB-3347W	STD	2.6870			3.1496	0.0810
NOTE: Contains 4 Pieces; Position Number 4; Use with Part Number MS-2058AL								
13	155 CID (2.5L) DOHC 24V V6 Duratec VIN Codes: 'G' (1998-2001), 'L' (1995-2002)			3.244"/82.4mm x 3.130"/79.5mm				13
	181 CID (3.0L) DOHC 24V V6 Duratec VIN Codes: '1' (2001-2006), 'S' (1996-2005)			3.504"/89.0mm x 3.130"/79.5mm				
Rod Bearing (6)	AL-5	CB-1772A	STD•,.25mm•,.50mm• .75mm•	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6)	TM-77	CB-1772P	STD,.25mm,.50mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6)	AL-5	CB-1845A-.25mm.50mm•,.75mm•		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1845P-.25mm.50mm,.75mm		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3 4	AL-5	MS-2207A MB-3750A MB-3751A(F)	STD•,.25mm•,.50mm• .75mm•	2.4790/2.4800 2.4790/2.4800	0.0003/0.0018 0.0003/0.0032	0.0987 0.0984	2.6771/2.6779 2.6771/2.6780	0.7060 0.8800
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Main Bearing Set 1-2-3 4	TM-77	MS-2207P MB-3750P MB-3751P(F)	STD,.25mm,.50mm	2.4790/2.4800 2.4790/2.4800	0.0003/0.0018 0.0003/0.0032	0.0987 0.0984	2.6771/2.6779 2.6771/2.6780	0.7060 0.8800
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Piston Pin Bushing (6)	C-1	223-3651	STD			0.0740	0.9456/0.9467	0.8445
NOTE: Requires Light Reaming								
14	177 CID (2.9L) 12V V6 VIN Code: 'T' (1990-1992)			3.661"/93.0mm x 2.831"/71.9mm				14
Rod Bearing (6)	AL-5	CB-723A	STD•.10•.20•.30•	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Rod Bearing (6)	TM-77	CB-723P	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Rod Bearing (6)	AL-5	CB-1795A-10	20•.30•	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1795P-10		2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4 3	AL-5	MS-2006A MB-3202A MB-3467A(F)	STD•.10•.20•.30•	2.2433/2.2441 2.2433/2.2441	0.0006/0.0032 0.0006/0.0032	0.0711	2.3866/2.3874 2.3866/2.3874	0.8500 1.0350
Main Bearing Set 1-2-4 3	TM-77	MS-2006P MB-3202P MB-3467P(F)	STD,10,20	2.2433/2.2441 2.2433/2.2441	0.0006/0.0032 0.0006/0.0032	0.0711	2.3866/2.3874 2.3866/2.3874	0.8500 1.0350



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
14 (cont.)	177 CID (2.9L) 12V V6 VIN Code: 'T' (1990-1992)			3.661"/93.0mm x 2.831"/71.9mm				14 (cont.)
Cam Bearing Set	B-1	SH-1390S	STD					
1		SH-1390		1.7285/1.7292	0.0009/0.0045	0.0605	1.8514/1.8528	0.7850
2		SH-1391		1.7135/1.7142	0.0012/0.0045	0.0605	1.8364/1.8378	0.7050
3		SH-1392		1.6985/1.6992	0.0013/0.0045	0.0605	1.8215/1.8228	0.7050
4		SH-1393		1.6835/1.6842	0.0013/0.0046	0.0605	1.8065/1.8079	0.6000
NOTE: Position Number 2 And 3 Are, Grooved on the Outside Diameter for Improved Oiling								
Crankshaft Forging	003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, 82TM, 82TM-HAA, 851M, 86TM-BA, 887652N, 88TM-BA, 8F28, 8HA, 8HA-6303, 8MTH, 90-21-0, 90003C, 90TM-AA, 90TM-AB, 9166N, 91A-6303-A, 91A-6303-B, 91H-6303-B, 91K, 91TM-AA							
15	2960 CC (3.0L) SOHC 12V V6 Nissan VG30E VIN Codes: '1' (1997-1998), 'W' (1993-1996)			3.425"/87.0mm x 3.268"/83.0mm				15
	3275 CC (3.3L) SOHC 12V V6 Nissan VG33E VIN Code: 'T' (1999-2002)			3.602"/91.5mm x 3.268"/83.0mm				
Rod Bearing (6)	TM-1	CB-1591P	STD,.25mm,.50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Main Bearing Set	TM-1	MS-1951P	STD,.25mm,.50mm					
1		MB-3344P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860
2-3		MB-3345P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480
4		MB-3346P(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340
NOTE: .25mm And .50mm Undersize Set Contains .15mm Oversize Length Flanged Bearing								
Main Bearing Set	TM-1	MS-2074P-.25mm	50mm					
1		MB-2995P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.8910
2-3		MB-2996P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.7530
4		MB-3570P(F)		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	1.1360
NOTE: All Sizes Contain Standard Length Flanged Bearing								
Crankshaft Forging	F5, VG30							
16	183 CID (3.0L) 12V V6 Vulcan VIN Codes: '1' (1993-1998), '2' (1996-2006), 'U' (1990-2008), 'V' (1999-2004)			3.504"/89.0mm x 3.150"/80.0mm				16
Rod Bearing (6)	AL-5	CB-1385A	STD,.25mm,.50mm,.75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Rod Bearing (6)	TM-77	CB-1385P	STD,.25mm,.50mm	2.1253/2.1261	0.0010/0.0027	0.0618	2.2500/2.2508	0.7630
Main Bearing Set	AL-5	MS-1702A	STD•,.25mm•,.50mm• .75mm•					
1-2		MB-3093A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Main Bearing Set	TM-77	MS-1702P	STD,.25mm,.50mm					
1-2		MB-3093P		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094P(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095P		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Cam Bearing Set	B-1	SH-1789S	STD					
1		SH-1334		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.9650
2-3		SH-1335		2.0074/2.0084	0.0010/0.0030	0.0614	2.1334/2.1344	0.5420
4		SH-1789		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.5470
Connecting Rod Forging	E6AE-AB							
Crankshaft Forging	E6AE-A, E6AE-AH, E6AE-B, E6AE-C, E6AE-W, F58E, F58E-AA, F58E-B, F5AE-AA, F5DE, RFE 6AE							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
17	183 CID (3.0L) DOHC 24V V6 Yamaha SHO			3.504"/89.0mm x 3.150"/80.0mm				17
	VIN Code: 'Y' (1990-1995)							
	195 CID (3.2L) DOHC 24V V6 Yamaha SHO			3.600"/91.4mm x 3.150"/80.0mm				
	VIN Code: 'P' (1993-1995)							
Rod Bearing (6)	TM-77	CB-1435P	STD,.25mm	2.0463/2.0472	0.0009/0.0022	0.0588	2.1653/2.1660	0.7110
Crankshaft Forging F5								
18	232 CID (3.8L) 12V V6			3.811"/96.8mm x 3.386"/86.0mm				18
	VIN Code: '4' (1990-2004)							
Rod Bearing (6)	AL-5	CB-1667A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840
For Year(s): 1996-2004								
Rod Bearing (6)	TM-77	CB-1667P	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840
For Year(s): 1996-2004								
Rod Bearing (6)	AL-5	CB-1790A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840
For Year(s): 1996-2004								
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1790P-.25mm		2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840
For Year(s): 1996-2004								
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	AL-5	CB-1283A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
For Year(s): 1990-1995								
Rod Bearing (6)	TM-77	CB-1283P	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
For Year(s): 1990-1995								
Rod Bearing (6)	AL-5	CB-1796A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0587	2.4286/2.4294	0.6660
For Year(s): 1990-1995								
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1812A	STD*.25mm,.50mm	2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	0.8580
1-2-4		MB-3187A	.75mm	2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	1.1660
3		MB-3188A(F)						
Main Bearing Set	TM-77	MS-1812P	STD,.25mm,.50mm	2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	0.8580
1-2-4		MB-3187P		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	1.1660
3		MB-3188P(F)						
Balance Shaft Bearing Set	B-1	SH-1526S	STD	2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400
Front - Rear		SH-1526						
Cam Bearing Set	B-1	SH-1447S	STD	2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400
1-4		SH-1447		2.0505/2.0515	0.0012/0.0044	0.0619	2.1765/2.1775	0.5600
2-3		SH-1446						
Connecting Rod Forging E2AE-AC								
Crankshaft Forging 1P, E2AE, E2AE-AF, E2AE-DB, E3AA-AA, E3AE, E3AE-AA								
19	232 CID (3.8L) 12V SC V6			3.811"/96.8mm x 3.386"/86.0mm				19
	VIN Code: 'R' (1990-1995)							
Rod Bearing (6)	AL-5	CB-1283A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Rod Bearing (6)	TM-77	CB-1283P	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Rod Bearing (6)	AL-5	CB-1796A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0587	2.4286/2.4294	0.6660
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Balance Shaft Bearing Set	B-1	SH-1526S	STD	2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400
Front - Rear		SH-1526						



• - New number, ‡ - To be discontinued

COUNTER DATA					SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL (cont.)									
19 (cont.)	232 CID (3.8L) 12V SC V6 VIN Code: 'R' (1990-1995)			3.811"/96.8mm x 3.386"/86.0mm					19 (cont.)
Cam Bearing Set	B-1	SH-1447S	STD						
1-4		SH-1447		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
2-3		SH-1446		2.0505/2.0515	0.0012/0.0044	0.0619	2.1765/2.1775	0.5600	
Connecting Rod Forging	E2AE-AC								
Crankshaft Forging	1P, E2AE-DB, E3AA-AA, E9DE-BA, E9DE-BB, E9SE-CB, F0SE-AA, F4SE-BB								
20	238 CID (3.9L) 12V V6 VIN Code: '6' (2004-2007)			3.811"/96.8mm x 3.465"/88.0mm					20
	256 CID (4.2L) 12V V6 VIN Code: '2' (2004-2007)			3.811"/96.8mm x 3.740"/95.0mm					
	256 CID (4.2L) 12V V6 Triton VIN Code: '2' (1997-2008)			3.811"/96.8mm x 3.740"/95.0mm					
Rod Bearing (6)	AL-5	CB-1667A	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840	
Rod Bearing (6)	TM-77	CB-1667P	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840	
Rod Bearing (6)	AL-5	CB-1790A	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Rod Bearing (6)	TM-77	CB-1790P-.25mm		2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set	AL-5	MS-1812A	STD, .25mm, .50mm						
1-2-4		MB-3187A	.75mm	2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	0.8580	
3		MB-3188A(F)		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	1.1660	
Main Bearing Set	TM-77	MS-1812P	STD, .25mm, .50mm						
1-2-4		MB-3187P		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	0.8580	
3		MB-3188P(F)		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	1.1660	
Balance Shaft Bearing Set	B-1	SH-1526S	STD						
Front - Rear		SH-1526		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
Cam Bearing Set	B-1	SH-1447S	STD						
1-4		SH-1447		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
2-3		SH-1446		2.0505/2.0515	0.0012/0.0044	0.0619	2.1765/2.1775	0.5600	
21	245 CID (4.0L) SOHC 12V V6 VIN Codes: 'E' (1997-2010), 'K' (2001-2005, 2007-2010), 'N' (2005-2010)			3.953"/100.4mm x 3.318"/84.3mm					21
Rod Bearing (6)	AL-5	CB-723A	STD, .10, .20, .30	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Rod Bearing (6)	TM-77	CB-723P	STD, 10, 20, 30, 40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Rod Bearing (6)	AL-5	CB-1795A-10	20, .30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Rod Bearing (6)	TM-77	CB-1795P-10		2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set	AL-5	MS-2006A	STD, .10, .20, .30						
1-2-4		MB-3202A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500	
3		MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350	
Main Bearing Set	TM-77	MS-2006P	STD, 10, 20						
1-2-4		MB-3202P		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500	
3		MB-3467P(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350	
Aux. Shaft Bearing Set	B-1	SH-1977S	STD						
Front		SH-1977				0.0610	1.8522	1.1420	
Rear		SH-1978				0.0610	1.8072	0.9050	

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
22	245 CID (4.0L) 12V V6			3.953"/100.4mm x 3.318"/84.3mm				22
VIN Code: 'X' (1990-2000)								
Rod Bearing (6)	AL-5	CB-723A	STD,10,20,30	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Rod Bearing (6)	TM-77	CB-723P	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Rod Bearing (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1795P-10		2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4	AL-5	MS-2006A	STD,10,20,30	2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3202A MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Main Bearing Set 1-2-4	TM-77	MS-2006P	STD,10,20	2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3202P MB-3467P(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Cam Bearing Set 1	B-1	SH-1441S	STD	1.9516/1.9524	0.0010/0.0046	0.0617	2.0768/2.0784	0.7800
2		SH-1441		1.9374/1.9382	0.0008/0.0044	0.0614	2.0618/2.0634	0.7050
3		SH-1442		1.9224/1.9232	0.0008/0.0044	0.0614	2.0468/2.0484	0.7050
4		SH-1443		1.9071/1.9079	0.0010/0.0046	0.0615	2.0319/2.0335	0.5900
SH-1444								
Connecting Rod Forging OCB								
Crankshaft Forging 90-21-0, 90TM-6303-AB, 90TM-AA, 90TM-AB, 9166N, 91A-6303-A, 91A-6303-B, 91H-6303-B, 91K, 91TM-AA, 96TM-AA, 97TM-, A-6303, A-6303-A, A1D, A301, AD, AY, B301, F5TZ-6012-AA								
23	300 CID (4.9L) 12V L6			4.000"/101.6mm x 3.980"/101.0mm				23
VIN Codes: 'Y' (1990-1996), 'Z' (1995-1996)								
Rod Bearing (6)	AL-5	CB-699A	STD,10,20,30	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Rod Bearing (6)	TM-77	CB-699P	STD,1,10,20,30,40 C60	2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Rod Bearing (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1799P-10	20,30,40	2.1228/2.1236	0.0002/0.0028	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4-6-7	TM-77	MS-765P	STD,10	2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2553P MB-2296P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.3680" / Flange Diameter Flanged Bearing								
Main Bearing Set 1-2-3-4-6-7	AL-5	MS-979A	STD,10,20,30	2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2553A MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670" / Flange Diameter Flanged Bearing								
Main Bearing Set 1-2-3-4-6-7	TM-77	MS-979P	STD,10,20,30,40	2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2553P MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670" / Flange Diameter Flanged Bearing								
Cam Bearing Set 1-4	B-1	SH-1254S	STD	2.0170/2.0180	0.0010/0.0052	0.0695	2.1580/2.1600	0.8650
2-3		SH-1254 SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								8 CYL
24	207 CID (3.4L) DOHC 32V V8 Yamaha SHO			3.244"/82.4mm x 3.130"/75.9mm				24
VIN Code: 'N' (1996-1999)								
Rod Bearing (8)	AL-5	CB-1772A	STD•,.25mm•,.50mm• .75mm•	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (8)	TM-77	CB-1772P	STD,.25mm,.50mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (8)	AL-5	CB-1845A-.25mm.50mm•.75mm•		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1845P-.25mm.50mm,.75mm		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Piston Pin Bushing (8)	C-1	223-3651	STD			0.0740	0.9456/0.9467	0.8445
NOTE: Requires Light Reaming								
Connecting Rod Forging E 0352 018								
25	281 CID (4.6L) SOHC 16V V8 Romeo CNG			3.551"/90.2mm x 3.542"/90.0mm				25
VIN Code: '9' (1995-2005)								
Rod Bearing (8)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 9								
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 9								
Rod Bearing (8)	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 9								
Rod Bearing (8)	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 9								
Main Bearing Set	AL-5	MS-2007A	STD,.25mm,.50mm,.75mm•					
1-2-3-4		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140A(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5								
FOR VIN(S): 9								
Main Bearing Set	TM-77	MS-2007P	STD,.25mm,.50mm,.75mm					
1-2-3-4		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140P(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5								
FOR VIN(S): 9								
Piston Pin Bushing (8)	C-1	223-3679	STD•			0.0525	0.9450/0.9460	0.9350
For Year(s): 2005								
NOTE: Requires Light Reaming								
FOR VIN(S): 9								
Piston Pin Bushing (8)	C-1	223-3620	STD			0.0525	0.9450/0.9460	0.9350
For Year(s): 1995-2004								
NOTE: Requires Boring								
FOR VIN(S): 9								
Connecting Rod Forging RFF1AE6205-AD								
Crankshaft Forging RFF1AE6306-AD								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
26	281 CID (4.6L) SOHC 16V V8			3.551"/90.2mm x 3.542"/90.0mm				26
VIN Code: 'V' (2006-2010)								
Rod Bearing (8)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): V								
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): V								
Rod Bearing (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): V								
Rod Bearing (8)	TM-77	CB-1634P-.25mm	.50mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): V								
Main Bearing Set	AL-5	MS-2007A	STD,.25mm,.50mm,.75mm•	2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
1-2-3-4		MB-3139A						0.1151
5		MB-3139W		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
5		MB-3140A(F)						
NOTE: Cast Iron Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): V								
Main Bearing Set	TM-77	MS-2007P	STD,.25mm,.50mm,.75mm	2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
1-2-3-4		MB-3139P						0.1151
5		MB-3139W		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
5		MB-3140P(F)						
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): V								
Piston Pin Bushing (8)	C-1	223-3679	STD•			0.0525	0.9450/0.9460	0.9350
NOTE: Requires Light Reaming FOR VIN(S): V								
27	281 CID (4.6L) SOHC 24V V8			3.551"/90.2mm x 3.542"/90.0mm				27
VIN Codes: '8' (2006-2010), 'H' (2005-2010)								
	281 CID (4.6L) SOHC 24V V8 Triton			3.551"/90.2mm x 3.542"/90.0mm				
VIN Code: '8' (2009-2010)								
Rod Bearing (8)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 8,H								
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 8,H								
Rod Bearing (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): 8,H								
Rod Bearing (8)	TM-77	CB-1634P-.25mm	.50mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): 8,H								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
27 (cont.)	281 CID (4.6L) SOHC 24V V8 VIN Codes: '8' (2006-2010), 'H' (2005-2010)			3.551"/90.2mm x 3.542"/90.0mm				27 (cont.)
	281 CID (4.6L) SOHC 24V V8 Triton VIN Code: '8' (2009-2010)			3.551"/90.2mm x 3.542"/90.0mm				
Main Bearing Set 1-2-3-4 5 5	AL-3	MS-2198AL MB-3772AL MB-3139W MB-3773AL(F)	STD‡, .25mm‡, .50mm‡	2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.7500 0.1151 0.8910
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): 8,H <i>(To Be Replaced By MS-2259A)</i>								
Main Bearing Set 1-2-3-4 5 5	AL-5	MS-2259A MB-3841A MB-3139W MB-3842A(F)	STD, .25mm, .50mm	2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580 0.1151 0.8910
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): 8,H								
Piston Pin Bushing (8) For Year(s): 2006-2010 NOTE: Requires Light Reaming FOR VIN(S): 8	C-1	223-3679	STD•				0.0525 0.9450/0.9460	0.9350
28	281 CID (4.6L) SOHC 16V V8 Romeo VIN Codes: 'W' (1991-2010), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				28
	281 CID (4.6L) SOHC 16V V8 Triton (Romeo) VIN Code: 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm				
Rod Bearing (8) FOR VIN(S): W,X	AL-5	CB-1442A	STD•, .25mm•, .50mm•, .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8) FOR VIN(S): W,X	TM-77	CB-1442P	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): W,X	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): W,X	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
Main Bearing Set 1-2-3-4 5 5	AL-5	MS-2007A MB-3139A MB-3139W MB-3140A(F)	STD, .25mm, .50mm, .75mm•	2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580 0.1151 0.8900
For Year(s): 1993-2010 NOTE: Cast Iron Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): W,X								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
28 (cont.)	281 CID (4.6L) SOHC 16V V8 Romeo VIN Codes: 'W' (1991-2010), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				28 (cont.)
	281 CID (4.6L) SOHC 16V V8 Triton (Romeo) VIN Code: 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm				
Main Bearing Set 1-2-3-4 5 5	TM-77	MS-2007P MB-3139P MB-3139W MB-3140P(F)	STD, .25mm, .50mm, .75mm	2.6567/2.6577 2.6567/2.6577	0.0005/0.0025 0.0005/0.0025	0.0962 0.0962	2.8504/2.8513 2.8504/2.8513	0.7580 0.1151 0.8900
For Year(s): 1993-2010 NOTE: Cast Iron Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): W,X								
Main Bearing Set 1-2-3-4 5 5	AL-3	MS-2198AL MB-3772AL MB-3139W MB-3773AL(F)	STD‡, .25mm‡, .50mm‡	2.6568/2.6576 2.6568/2.6576	0.0005/0.0025 0.0005/0.0025	0.0967 0.0967	2.8505/2.8512 2.8505/2.8512	0.7500 0.1151 0.8910
For Year(s): 1993-2010 NOTE: Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): W <i>(To Be Replaced By MS-2259A)</i>								
Main Bearing Set 1-2-3-4 5 5	AL-5	MS-2259A MB-3841A MB-3139W MB-3842A(F)	STD, .25mm, .50mm	2.6567/2.6577 2.6567/2.6577	0.0003/0.0028 0.0003/0.0028	0.0962 0.0962	2.8504/2.8513 2.8504/2.8513	0.7580 0.1151 0.8910
For Year(s): 1993-2010 NOTE: Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): W								
Main Bearing Set 1-2-3-4 5 5	TM-77	MS-2204P MB-3139P MB-3139W MB-3755P(F)	STD, .25mm, .50mm, .75mm	2.6567/2.6577 2.6567/2.6577	0.0005/0.0025 0.0005/0.0025	0.0962 0.0962	2.8504/2.8513 2.8504/2.8513	0.7580 0.1151 0.8900
For Year(s): 1991-1992 NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): W								
Piston Pin Bushing (8)	C-1	223-3679	STD•				0.0525 0.9450/0.9460	0.9350
For Year(s): 2005-2010 NOTE: Requires Light Reaming FOR VIN(S): W								
Piston Pin Bushing (8)	C-1	223-3620	STD				0.0525 0.9450/0.9460	0.9350
For Year(s): 1991-2004 NOTE: Requires Boring FOR VIN(S): W,X								
Connecting Rod Forging	RFF1AE6205-AD							
Crankshaft Forging	F1AE-AD, F1AE-AE, RFF1AE6306-AD							



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
29	281 CID (4.6L) SOHC 16V V8 Triton (Windsor) VIN Codes: '6' (1997-2000, 2002-2003), 'W' (1997-2010)			3.551"/90.2mm x 3.542"/90.0mm				29
	281 CID (4.6L) SOHC 16V V8 Windsor VIN Codes: '6' (1996), 'W' (1993-2010), 'X' (1996-2004)			3.551"/90.2mm x 3.542"/90.0mm				
	330 CID (5.4L) SOHC 16V V8 Triton (Windsor) CNG VIN Code: 'M' (1997-2005)			3.551"/90.2mm x 4.161"/105.7mm				
	330 CID (5.4L) SOHC 16V V8 Triton (Windsor) VIN Codes: 'L' (1997-2010), 'Z' (1998-2004)			3.551"/90.2mm x 4.161"/105.7mm				
	330 CID (5.4L) SOHC 24V V8 Triton (Windsor) VIN Codes: '5' (2004-2010), 'V' (2006-2010)			3.551"/90.2mm x 4.161"/105.7mm				
Rod Bearing (8)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 5,L,V,W,M,X,Z,6								
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 5,L,V,W,M,X,Z,6								
Rod Bearing (8)	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 5,L,V,W,M,X,Z,6								
Rod Bearing (8)	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 5,L,V,W,M,X,Z,6								
Main Bearing Set	AL-5	MS-2202A	STD•,.25mm•,.50mm•					
1		MB-3752A	.75mm•	2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Position Number 5								
FOR VIN(S): 5,L,V,W,M,X,Z,6								
Main Bearing Set	TM-77	MS-2202P	STD,.25mm,.50mm,.75mm					
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Position Number 5								
FOR VIN(S): 5,L,V,W,M,X,Z,6								
Piston Pin Bushing (8)	C-1	223-3679	STD•					
For Year(s): 2005-2010								
NOTE: Requires Light Reaming								
FOR VIN(S): 5,L,V,W,M								
Piston Pin Bushing (8)	C-1	223-3620	STD					
For Year(s): 1993-2004								
NOTE: Requires Boring								
FOR VIN(S): 5,L,M,W,X,Z,6								
Connecting Rod Forging	RFF1AE6205-AD							
Crankshaft Forging	F1AE-AD, F1AE-AE, RFF1AE6306-AD							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
30	281 CID (4.6L) SOHC 16V V8 Triton (Windsor) LPG			3.551"/90.2mm x 3.542"/90.0mm				30
	VIN Code: '6' (1997-1998)							
	330 CID (5.4L) SOHC 16V SC V8 Triton (Windsor)			3.551"/90.2mm x 4.161"/105.7mm				
	VIN Code: '3' (1999-2004)							
	330 CID (5.4L) DOHC 32V V8 InTech			3.551"/90.2mm x 4.161"/105.7mm				
	VIN Codes: 'A' (1999-2002), 'R' (2001-2004)							
Rod Bearing (8)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 3,R,A,6								
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): 3,R,A,6								
Rod Bearing (8)	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 3,R,A,6								
Rod Bearing (8)	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 3,R,A,6								
Main Bearing Set	AL-5	MS-2202A	STD•,.25mm•,.50mm• .75mm•	2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
1		MB-3752A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139A						
5		MB-3139W						0.1151
NOTE: Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Position Number 5								
FOR VIN(S): 3,R,A,6								
Main Bearing Set	TM-77	MS-2202P	STD,.25mm,.50mm,.75mm	2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
1		MB-3752P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139P						
5		MB-3139W						0.1151
NOTE: Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Position Number 5								
FOR VIN(S): 3,R,A,6								
Piston Pin Bushing (8)	C-1	223-3620	STD			0.0525	0.9450/0.9460	0.9350
NOTE: Requires Boring								
FOR VIN(S): 3,R,A,6								
Connecting Rod Forging	RFF1AE6205-AD							
Crankshaft Forging	F1AE-AD, F1AE-AE, RFF1AE6306-AD							
31	281 CID (4.6L) DOHC 32V V8 InTech			3.551"/90.2mm x 3.542"/90.0mm				31
	VIN Codes: 'H' (2003-2005), 'V' (1993-2004)							
Rod Bearing (8)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): H,V								
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
FOR VIN(S): H,V								
Rod Bearing (8)	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): H,V								
Rod Bearing (8)	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): H,V								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
31 (cont.)	281 CID (4.6L) DOHC 32V V8 InTech VIN Codes: 'H' (2003-2005), 'V' (1993-2004)			3.551"/90.2mm x 3.542"/90.0mm				31 (cont.)
Main Bearing Set 1-2-3-4 5 5	AL-3	MS-2198AL MB-3772AL MB-3139W MB-3773AL(F)	STD‡, .25mm‡, .50mm‡	2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.7500 0.1151 0.8910
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): H,V <i>(To Be Replaced By MS-2259A)</i>								
Main Bearing Set 1-2-3-4 5 5	AL-5	MS-2259A MB-3841A MB-3139W MB-3842A(F)	STD, .25mm, .50mm	2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580 0.1151 0.8910
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): H,V								
Piston Pin Bushing (8) For Year(s): 2005 NOTE: Requires Light Reaming FOR VIN(S): H	C-1	223-3679	STD•			0.0525	0.9450/0.9460	0.9350
Piston Pin Bushing (8) For Year(s): 1993-2004 NOTE: Requires Boring FOR VIN(S): H,V	C-1	223-3620	STD			0.0525	0.9450/0.9460	0.9350
Crankshaft Forging F1AE-AD-5D, F1AE-AD-7D, F1AE-AD-8D, F1AE-AE								
32	281 CID (4.6L) DOHC 32V V8 VIN Codes: 'R' (2003-2004), 'V' (1996-2001)			3.551"/90.2mm x 3.542"/90.0mm				32
	281 CID (4.6L) DOHC 32V SC V8 VIN Code: 'Y' (2003-2004)			3.551"/90.2mm x 3.542"/90.0mm				
Rod Bearing (8) FOR VIN(S): R,Y,V	AL-5	CB-1442A	STD•, .25mm•, .50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8) FOR VIN(S): R,Y,V	TM-77	CB-1442P	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): R,Y,V	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): R,Y,V	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
Main Bearing Set 1-2-3-4 5 5	AL-3	MS-2198AL MB-3772AL MB-3139W MB-3773AL(F)	STD‡, .25mm‡, .50mm‡	2.6568/2.6576	0.0005/0.0025	0.0967	2.8505/2.8512	0.7500 0.1151 0.8910
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): R,Y,V <i>(To Be Replaced By MS-2259A)</i>								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
32 (cont.)	281 CID (4.6L) DOHC 32V V8 VIN Codes: 'R' (2003-2004), 'V' (1996-2001)			3.551"/90.2mm x 3.542"/90.0mm				32 (cont.)
	281 CID (4.6L) DOHC 32V SC V8 VIN Code: 'Y' (2003-2004)			3.551"/90.2mm x 3.542"/90.0mm				
Main Bearing Set 1-2-3-4 5 5	AL-5	MS-2259A MB-3841A MB-3139W MB-3842A(F)	STD, .25mm, .50mm	2.6567/2.6577 2.6567/2.6577	0.0003/0.0028 0.0003/0.0028	0.0962 0.0962	2.8504/2.8513 2.8504/2.8513	0.7580 0.1151 0.8910
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5 FOR VIN(S): R,Y,V								
Piston Pin Bushing (8) NOTE: Requires Boring FOR VIN(S): R,Y,V	C-1	223-3620	STD				0.0525 0.9450/0.9460	0.9350
Crankshaft Forging F1AE-AD-5D, F1AE-AD-7D, F1AE-AD-8D, F1AE-AE								
33	302 CID (5.0L) 16V V8 HO VIN Codes: 'D' (1993-1995), 'E' (1990-1993), 'T' (1991-1995)			4.000"/101.6mm x 3.000"/76.2mm				33
	302 CID (5.0L) 16V V8 VIN Codes: 'F' (1990-1991), 'N' (1990-1996), 'P' (1996-2001)			4.000"/101.6mm x 3.000"/76.2mm				
Rod Bearing (8)	AL-5	CB-634A	STD, 10, 20, 30	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Rod Bearing (8)	TM-77	CB-634P	STD, 1, 10, 20, 30, 40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1778A	STD, 10, 20, 30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260
Main Bearing Set 1-2-4-5 3	AL-5	MS-590A MB-2121A MB-2122A(F)	STD, 10, 20, 30	2.2482/2.2490 2.2482/2.2490	0.0001/0.0026 0.0005/0.0029	0.0960 0.0960	2.4412/2.4420 2.4412/2.4420	0.8900 1.1330
Main Bearing Set 1-2-4-5 3	TM-77	MS-590P MB-2121P MB-2122P(F)	STD, 1, 10, 20, 30, 40	2.2482/2.2490 2.2482/2.2490	0.0001/0.0026 0.0005/0.0029	0.0960 0.0960	2.4412/2.4420 2.4412/2.4420	0.8900 1.1330
Cam Bearing Set 1 2 3 4 5	B-1	SH-510S SH-510 SH-511 SH-512 SH-513 SH-514	STD	2.0805/2.0815 2.0655/2.0665 2.0505/2.0515 2.0355/2.0365 2.0205/2.0215	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0608 0.0608 0.0608 0.0608 0.0608	2.2041/2.2051 2.1890/2.1900 2.1740/2.1750 2.1590/2.1600 2.1440/2.1450	0.6700 0.6700 0.6700 0.6700 0.6700
Connecting Rod Forging C20E, C30E-A, C3AE-D, C3AE-J, C80E-A, C8DE Crankshaft Forging 1J, 1M, 1MA, 2H-A, 2J, 2M, 2MA, 2MAB, 2MAC, 2MAD, 2MAE, 2N, 2NA, 2NAB, 2NABC, C0E-A, C20E-A, C20Z, C20Z-A, C2OZ, C2OZ-B, C30E-B, C30Z, C3AE-F, C3AF-N, C3OZ, C3OZ-B, C80E-B, C9ZE-A, E1AE, E1AE-AA, E7AE, E7AE-AA, GS-M								
34	302 CID (5.0L) DOHC 32V V8 99F VIN Code: 'F' (2011)			3.630"/92.2mm x 3.650"/92.7mm				34
Rod Bearing (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8)	TM-77	CB-1442P	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1634A-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
Piston Pin Bushing (8) NOTE: Requires Light Reaming	C-1	223-3679	STD				0.0525 0.9450/0.9460	0.9350



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								8 CYL
35	330 CID (5.4L) DOHC 32V SC V8 Windsor VIN Code: 'S' (2005-2009)			3.551"/90.2mm x 4.161"/105.7mm				35
Rod Bearing (8)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (8)	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Piston Pin Bushing (8)	C-1	223-3679	STD•			0.0525	0.9450/0.9460	0.9350
NOTE: Requires Light Reaming								
36	351 CID (5.8L) 16V V8 Windsor Carbureted VIN Code: 'G' (1990-1991)			4.000"/101.6mm x 3.500"/88.8mm				36
	351 CID (5.8L) 16V V8 Windsor VIN Codes: 'C' (1995), 'H' (1990-1998)			4.000"/101.6mm x 3.500"/88.8mm				
	351 CID (5.8L) 16V V8 Windsor HO VIN Code: 'R' (1993-1995)			4.000"/101.6mm x 3.500"/88.8mm				
Rod Bearing (8)	AL-5	CB-831A	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Rod Bearing (8)	TM-77	CB-831P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Rod Bearing (8)	AL-5	CB-1803A	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0587	2.4285/2.4293	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1803P-10	20,30,40	2.3103/2.3111	0.0005/0.0031	0.0587	2.4285/2.4293	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1432A	STD•,10,20,30					
1-2-4-5		MB-2754A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-1432P	STD,10,20,30,40					
1-2-4-5		MB-2754P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Grooved Upper Half And Plain Lower Half								
Cam Bearing Set	B-1	SH-510S	STD					
1		SH-510		2.0805/2.0815	0.0010/0.0050	0.0608	2.2041/2.2051	0.6700
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700
Connecting Rod Forging C90E, C90E, D60E, D60E								
Crankshaft Forging 3C, 3M, 3MA, 7M, 7MA, C90E-A, E4AE-BA								
37	363 CID (6.0L) 32V Turbo. V8 International Power-Stroke VT365 DIESEL VIN Code: 'P' (2003-2010)			3.740"/95.0mm x 4.134"/105.0mm				37
Rod Bearing (8)	TM-77	CB-1814P	STD,.25mm,.50mm,.75mm	2.7165/2.7170	0.0006/0.0035	0.0780	2.8735/2.8744	0.8310
Rod Bearing (8)	TM-77	CB-1815P-.25mm.50mm,.75mm		2.7165/2.7170	0.0006/0.0035	0.0790	2.8755/2.8764	0.8310
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2223P	STD,.25mm,.50mm,.75mm					
1-2-3-5		MB-3787P		3.1886/3.1894	0.0015/0.0041	0.0976	3.3854/3.3862	0.8465
4		MB-3788P(F)		3.1886/3.1894	0.0015/0.0041	0.0976	3.3854/3.3862	1.1180
Cam Bearing Set	B-1	SH-1996S	STD					
1-2-3-4-5		SH-1996		2.4404/2.4415	0.0013/0.0060	0.0774	2.5976/2.5992	0.7480
Piston Pin Bushing (8)	C-1	223-3671	STD	1.3384/1.3413		0.0740		1.0450
NOTE: Requires Boring								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
38	370 CID (6.1L) 16V V8 Carbureted			4.050"/102.9mm x 3.590"/91.2mm				38
	VIN Code: 'H' (1990-1991)							
	460 CID (7.5L) 16V V8			4.360"/110.7mm x 3.850"/97.8mm				
	VIN Code: 'G' (1990-1998)							
Rod Bearing (8)	TM-77	CB-818P	STD,1,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Rod Bearing (8)	TM-77	CB-1802P-10	20,30	2.4992/2.5000	0.0005/0.0031	0.0771	2.6542/2.6550	0.8660
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-1039P	STD,1,10,20,30,40					
1-2-4-5		MB-2564P		2.9994/3.0002	0.0007/0.0033	0.0958	3.1922/3.1930	0.9500
3		MB-2565P(F)		2.9994/3.0002	0.0007/0.0033	0.0958	3.1922/3.1930	1.1200
Cam Bearing Set	B-1	SH-1111S	STD					
1-2-3-4-5		SH-1111		2.1238/2.1248	0.0011/0.0043	0.0618	2.2495/2.2505	0.5850
Cam Bearing Set	B-1	SH-1766S	STD					
1-2-3-4-5		SH-1766		2.1238/2.1248	0.0011/0.0050	0.0694	2.2645/2.2655	0.6300
NOTE: Oversize Align Bored Blocks with Housing Bore Size 2.2645" / 2.2655"								
Connecting Rod Forging	C8VE, C8VE-A, D00E-A, D6VE, D9TE							
Crankshaft Forging	1V, 1VA, 1VAB, 1YAB, 2NABC, 2Y, 2Y68-76, 2YA, 2YAB, 2YABC, 30R, 31-87, 31M, 3281N, 329880N, 3Y, 3YAB, 4U, 4UA, 4UAB, 4UB, C8SE-A, C8VE, C8VE-A, C9AE-A, C9AE-B, D9TE-AA, D9TE-B, D9TE-BA, D9TE-EA, H, ZYA							
39	391 CID (6.4L) 32V Turbo. V8 Power-Stroke DIESEL			3.860"/98.0mm x 4.130"/105.0mm				39
	VIN Code: 'R' (2008-2010)							
Rod Bearing (8)	TM-77	CB-1869P	STD,.25mm,.50mm,.75mm	2.8341/2.8352	0.0004/0.0035	0.0780	2.9916/2.9926	0.8310
Rod Bearing (8)	TM-77	CB-1876P-.25mm	.50mm,.75mm	2.8341/2.8352	0.0004/0.0035	0.0790	2.9936/2.9946	0.8310
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2269P	STD,.25mm,.50mm,.75mm•					
1-2-3-5		MB-3874P		3.1886/3.1894	0.0008/0.0034	0.0976	3.3854/3.3862	0.8465
4		MB-3875P(F)		3.1886/3.1894	0.0008/0.0034	0.0976	3.3854/3.3862	1.1200
Cam Bearing Set	B-1	SH-1996S	STD					
1-2-3-4-5		SH-1996		2.4404/2.4415	0.0013/0.0060	0.0774	2.5976/2.5992	0.7480
40	445 CID (7.3L) 16V V8 International DIESEL			4.110"/104.4mm x 4.180"/106.2mm				40
	VIN Code: 'M' (1990-1994)							
	445 CID (7.3L) 16V Turbo. V8 International DIESEL			4.110"/104.4mm x 4.180"/106.2mm				
	VIN Codes: 'C' (1992-1993), 'K' (1994)							
Rod Bearing (8)	TM-112	CB-1327P	STD,10,20,30,40	2.4980/2.4990	0.0011/0.0041	0.0952	2.6905/2.6915	0.8880
Main Bearing Set	TM-112	MS-1596P	STD,10,20,30					
1-2-4-5		MB-2934P		3.1228/3.1236	0.0021/0.0049	0.0949	3.3152/3.3162	0.8750
3		MB-2935P(F)		3.1228/3.1236	0.0021/0.0049	0.0949	3.3152/3.3162	1.1300
Cam Bearing Set	B-1	SH-1092S	STD					
1		SH-1092		2.0990/2.1000	0.0011/0.0048	0.0647	2.2305/2.2320	0.7900
2-3-4-5		SH-1093		2.0990/2.1000	0.0011/0.0048	0.0647	2.2305/2.2320	0.6550
Piston Pin Bushing (8)	C-1	223-3583	STD			0.1580	1.2375/1.2380	1.0780
NOTE: Requires Boring								
Crankshaft Forging	11M, 11M-14, 13111-03010-D, 140N, 176H, 17M, 1802224C92, 1802224C93, 1803420C1, 1805420C1, 1809954C1, 1812320C91, 1816975C1, 188A, 1A, 1AA, 2 MAE, 202B, 2MAE							



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
41	445 CID (7.3L) 16V Turbo. V8 International Power-Stroke DIESEL			4.110"/104.4mm x 4.180"/106.2mm				41
VIN Code: 'F' (1994-2003)								
Rod Bearing (8)	TM-112	CB-1633P	STD,10,20,30,40	2.4980/2.4990	0.0016/0.0046	0.0952	2.6905/2.6915	0.9640
Main Bearing Set	TM-112	MS-2034P	STD,10,20,30					
1-2-3-4		MB-3497P		3.1228/3.1236	0.0018/0.0046	0.0949	3.3152/3.3162	0.9330
5		MB-3498P(F)		3.1228/3.1236	0.0018/0.0046	0.0949	3.3152/3.3162	1.2380
Cam Bearing Set	B-1	SH-1092S	STD					
1		SH-1092		2.0990/2.1000	0.0011/0.0048	0.0647	2.2305/2.2320	0.7900
2-3-4-5		SH-1093		2.0990/2.1000	0.0011/0.0048	0.0647	2.2305/2.2320	0.6550
Piston Pin Bushing (8)	C-1	223-3652	STD					
NOTE: Requires Light Reaming								
Crankshaft Forging				1805420C1, 1809954C1, 1812320C91, 1816975C1, 188A, 1A, 1AA, 2 MAE, 202B, 2MAE				
10 CYL								
42	415 CID (6.8L) SOHC 20V V10 Triton			3.551"/90.2mm x 4.161"/105.7mm				42
VIN Code: 'S' (1997-2009)								
Rod Bearing (10)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (10)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (10)	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (10)	TM-77	CB-1634P-.25mm.50mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2203A	STD•,.25mm•,.50mm• .75mm•					
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
6		MB-3139W						0.1151
NOTE: Contains 3 Piece Thrust Washer Set, Position Number 6								
Main Bearing Set	TM-77	MS-2203P	STD,.25mm,.50mm,.75mm					
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
6		MB-3139W						0.1151
NOTE: Contains 3 Piece Thrust Washer Set, Position Number 6								
Piston Pin Bushing (10)	C-1	223-3679	STD•					
For Year(s): 2005-2009								
NOTE: Requires Light Reaming								
Piston Pin Bushing (10)	C-1	223-3620	STD					
For Year(s): 1997-2004								
NOTE: Requires Boring								
43	415 CID (6.8L) SOHC 30V V10 Triton			3.551"/90.2mm x 4.161"/105.7mm				43
VIN Code: 'Y' (2005-2009)								
Rod Bearing (10)	AL-5	CB-1442A	STD•,.25mm•,.50mm• .75mm•	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (10)	TM-77	CB-1442P	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Rod Bearing (10)	AL-5	CB-1634A-.25mm.50mm,.75mm		2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
10 CYL (cont.)								
43 (cont.)	415 CID (6.8L) SOHC 30V V10 Triton VIN Code: 'Y' (2005-2009)			3.551"/90.2mm x 4.161"/105.7mm				43 (cont.)
Rod Bearing (10)	TM-77	CB-1634P	-.25mm,.50mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2203A	STD,.25mm,.50mm	2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
1		MB-3752A	.75mm	2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139A						
6		MB-3139W						0.1151
NOTE: Contains 3 Piece Thrust Washer Set, Position Number 6								
Main Bearing Set	TM-77	MS-2203P	STD,.25mm,.50mm,.75mm	2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
1		MB-3752P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139P						
6		MB-3139W						0.1151
NOTE: Contains 3 Piece Thrust Washer Set, Position Number 6								
Piston Pin Bushing (10)	C-1	223-3679	STD			0.0525	0.9450/0.9460	0.9350
NOTE: Requires Light Reaming								

FREIGHTLINER

ENGINE	YEAR	BORE & STROKE	BLOCK
165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM612 DIESEL	2002-2003	3.465"/88.0mm X 3.480"/88.4mm	1
165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM647LA DIESEL	2004-2006	3.465"/88.0mm X 3.480"/88.4mm	1

MODEL	ENGINE	YEAR	BLOCK
Sprinter 2500	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM612 DIESEL	2002-2003	1
Sprinter 2500	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM647LA DIESEL	2004-2006	1
Sprinter 3500	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM612 DIESEL	2002-2003	1
Sprinter 3500	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM647LA DIESEL	2004-2006	1



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
5 CYL									
1	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM612 DIESEL VIN Codes: '1' (2002-2003), '2' (2002-2003)			3.465"/88.0mm x 3.480"/88.4mm					1
	165 CID (2.7L) DOHC 20V Turbo. L5 Mercedes-Benz OM647LA DIESEL VIN Code: '4' (2004-2006)			3.465"/88.0mm x 3.480"/88.4mm					
Rod Bearing (5)	TM-77	CB-1842P	STD,.25mm,.50mm	1.8880/1.8883	0.0006/0.0024	0.0713	2.0315/2.0320	0.8560	
Rod Bearing (5)	TM-77	CB-1843P-.25mm.50mm		1.8880/1.8883	0.0006/0.0024	0.0723	2.0335/2.0340	0.8560	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-2248P MB-3826P	STD,.25mm,.50mm	2.2817/2.2820	0.0005/0.0023	0.0890	2.4605/2.4610	0.6900	
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-620S									
Thrust Washer Set		TW-620S MB-3826W	STD	2.5905			3.1890	0.0866	
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2248P									
Piston Pin Bushing (5)	C-1	223-3665	STD	1.1811/1.1809	0.0007/0.0011	0.0646	1.2795/1.2805	0.8622	
NOTE: Requires Light Reaming									

GENERAL MOTORS CORP.

ENGINE	YEAR	BORE & STROKE	BLOCK
61 CID (1.0L) SOHC 6V L3 Suzuki LP2	1990-2001	2.913"/74.0mm X 3.031"/77.0mm	1
61 CID (1.0L) SOHC 6V Turbo. L3 Suzuki LS3	1990-1991	2.913"/74.0mm X 3.031"/77.0mm	1
79 CID (1.3L) SOHC 8V L4 Suzuki L72	1992-1997	2.913"/74.0mm X 2.972"/75.5mm	2
79 CID (1.3L) SOHC 16V L4 Suzuki LY8	1998-2001	2.913"/74.0mm X 2.972"/75.5mm	2
97 CID (1.6L) SOHC 16V L4 Suzuki LO1	1994-2002	2.953"/75.0mm X 3.543"/90.0mm	3
97 CID (1.6L) SOHC 8V L4 Suzuki LS5	1990-1995	2.953"/75.0mm X 3.543"/90.0mm	3
98 CID (1.6L) DOHC 16V L4 Toyota LO1	1990-1997	3.189"/81.0mm X 3.031"/77.0mm	4
98 CID (1.6L) DOHC 16V L4 Toyota LW0	1990-1992	3.189"/81.0mm X 3.031"/77.0mm	4
98 CID (1.6L) SOHC 12V L4 Isuzu LO1	1990-1993	3.150"/80.0mm X 3.110"/79.0mm	5
98 CID (1.6L) DOHC 16V L4 Isuzu LW0	1990-1991	3.150"/80.0mm X 3.110"/79.0mm	5
108 CID (1.8L) DOHC 16V L4 Toyota LV6	1993-1997	3.189"/81.0mm X 3.366"/85.5mm	6
110 CID (1.8L) DOHC 16V L4 Toyota LV6	1998-2008	3.110"/79.0mm X 3.600"/91.5mm	7
122 CID (2.0L) SOHC 8V L4 Pontiac	1990-1994	3.386"/86.0mm X 3.385"/86.0mm	8
122 CID (2.0L) SOHC 8V Turbo. L4 Pontiac	1990	3.386"/86.0mm X 3.385"/86.0mm	8
122 CID (2.0L) DOHC 16V SC L4 Ecotec	2005-2007	3.386"/86.0mm X 3.385"/86.0mm	9
122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec	2007-2009	3.386"/86.0mm X 3.385"/86.0mm	9
134 CID (2.2L) 8V L4	1990-2002	3.504"/89.0mm X 3.465"/88.0mm	10
134 CID (2.2L) 8V L4 Vortec	1994-2003	3.504"/89.0mm X 3.465"/88.0mm	10
134 CID (2.2L) DOHC 16V L4 Ecotec	2002-2010	3.386"/86.0mm X 3.724"/94.6mm	11
138 CID (2.3L) SOHC 8V L4 Quad 4	1992-1994	3.622"/92.0mm X 3.346"/85.0mm	12
138 CID (2.3L) DOHC 16V L4 Quad 4	1990-1995	3.622"/92.0mm X 3.346"/85.0mm	13
145 CID (2.4L) DOHC 16V L4 Ecotec	2006-2010	3.464"/88.0mm X 3.850"/98.0mm	14
145 CID (2.4L) DOHC 16V L4 Ecotec Hybrid	2008-2009	3.464"/88.0mm X 3.850"/98.0mm	14
146 CID (2.4L) DOHC 16V L4 Oldsmobile	1996-2002	3.543"/90.0mm X 3.700"/94.0mm	15
151 CID (2.5L) 8V L4 Pontiac	1990-1993	4.000"/101.6mm X 3.000"/76.2mm	16
169 CID (2.8L) DOHC 16V L4	2004-2006	3.661"/93.0mm X 4.016"/102.0mm	17



ENGINE	YEAR	BORE & STROKE	BLOCK
178 CID (2.9L) DOHC 16V L4	2007-2010	3.760"/95.5mm X 4.000"/101.6mm	18
239 CID (3.9L) 8V Turbo. L4 Isuzu Series 4B 4BD1T DIESEL	1990-1991	4.016"/102.0mm X 4.646"/118.0mm	19
211 CID (3.5L) DOHC 20V L5	2004-2006	3.661"/93.0mm X 4.016"/102.0mm	20
223 CID (3.7L) DOHC 20V L5	2007-2010	3.760"/95.5mm X 4.020"/102.0mm	21
170 CID (2.8L) DOHC 24V V6	2005-2007	3.500"/89.0mm X 2.940"/74.8mm	22
173 CID (2.8L) 12V V6 Chevrolet	1990-1993	3.500"/88.9mm X 2.992"/76.0mm	23
181 CID (3.0L) DOHC 24V V6 Opel	1997-2001	3.390"/86.0mm X 3.350"/85.0mm	24
182 CID (3.0L) DOHC 24V V6	2010	3.500"/89.0mm X 3.160"/80.2mm	22
189 CID (3.1L) 12V V6 Chevrolet	1990-2005	3.504"/89.0mm X 3.307"/84.0mm	23
189 CID (3.1L) 12V Turbo. V6 Chevrolet	1990	3.504"/89.0mm X 3.307"/84.0mm	23
197 CID (3.2L) DOHC 24V V6 Cadillac	2003-2004	3.440"/87.4mm X 3.460"/87.9mm	24
204 CID (3.3L) 12V V6 Buick	1990-1993	3.701"/94.0mm X 3.160"/80.3mm	25
204 CID (3.4L) 12V V6 Chevrolet	2005-2009	3.622"/92.0mm X 3.307"/84.0mm	26
207 CID (3.4L) 12V V6 Chevrolet	1993-2005	3.622"/92.0mm X 3.307"/84.0mm	23
207 CID (3.4L) DOHC 24V V6 Chevrolet	1991-1997	3.622"/92.0mm X 3.307"/84.0mm	27
213 CID (3.5L) 12V V6	2004-2007	3.701"/94.0mm X 3.310"/84.1mm	28
214 CID (3.5L) DOHC 24V V6 Oldsmobile	1999-2002	3.523"/89.5mm X 3.622"/92.0mm	29
214 CID (3.5L) 12V V6	2006-2008	3.900"/99.0mm X 2.990"/76.0mm	30
217 CID (3.6L) DOHC 24V V6	2004-2010	3.700"/94.0mm X 3.370"/85.6mm	22
231 CID (3.8L) 12V V6 Buick	1990-2009	3.800"/96.5mm X 3.400"/86.4mm	31
231 CID (3.8L) 12V SC V6 Buick	1991-2007	3.800"/96.5mm X 3.400"/86.4mm	32
237 CID (3.9L) 12V V6	2006-2009	3.900"/99.0mm X 3.310"/84.0mm	30
254 CID (4.2L) DOHC 24V L6 Vortec	2002-2009	3.661"/93.0mm X 4.016"/102.0mm	33
262 CID (4.3L) 12V V6 Chevrolet	1990-1995	4.000"/101.6mm X 3.484"/88.4mm	34
262 CID (4.3L) 12V Turbo. V6 Chevrolet	1991-1993	4.000"/101.6mm X 3.484"/88.4mm	34
262 CID (4.3L) 12V V6 Vortec	1992-2010	4.000"/101.6mm X 3.484"/88.4mm	34
244 CID (4.0L) DOHC 32V V8 Oldsmobile	1995-1999, 2001-2003	3.425"/87.0mm X 3.307"/84.0mm	35
265 CID (4.3L) 16V V8 Chevrolet	1994-1996	3.736"/95.0mm X 3.000"/76.2mm	36
267 CID (4.4L) DOHC 32V SC V8 Northstar	2006-2009	3.580"/91.0mm X 3.310"/84.0mm	37
273 CID (4.5L) 16V V8 Cadillac	1990-1992	3.622"/92.0mm X 3.307"/84.0mm	38
281 CID (4.6L) DOHC 32V V8 Northstar	1993-2010	3.661"/93.0mm X 3.307"/84.0mm	35
294 CID (4.8L) 16V V8 Vortec	1999-2010	3.780"/96.0mm X 3.268"/83.0mm	39
300 CID (4.9L) 16V V8 Cadillac	1991-1995	3.622"/92.0mm X 3.622"/92.0mm	38
305 CID (5.0L) 16V V8 Chevrolet	1990-1996	3.736"/95.0mm X 3.484"/88.4mm	36
305 CID (5.0L) 16V V8 Vortec	1996-2002	3.736"/95.0mm X 3.484"/88.4mm	36
307 CID (5.0L) 16V V8 Oldsmobile Carbureted	1990	3.800"/96.5mm X 3.385"/86.0mm	40
325 CID (5.3L) 16V V8	2005-2009	3.780"/96.0mm X 3.622"/92.0mm	41
325 CID (5.3L) 16V V8 Vortec	1999-2010	3.780"/96.0mm X 3.622"/92.0mm	39
325 CID (5.3L) 16V V8 Vortec Hybrid	2004-2007	3.780"/96.0mm X 3.622"/92.0mm	41
346 CID (5.7L) 16V V8 Chevrolet	1997-2005	3.898"/99.0mm X 3.622"/92.0mm	39
350 CID (5.7L) 16V V8 Chevrolet CNG	1992-1993, 1995-1996	4.000"/101.6mm X 3.484"/88.5mm	36
350 CID (5.7L) 16V V8 Vortec CNG	1996-2001	4.000"/101.6mm X 3.484"/88.5mm	36
350 CID (5.7L) 16V V8 Chevrolet Carbureted	1990	4.000"/101.6mm X 3.484"/88.5mm	36
350 CID (5.7L) 16V V8 Chevrolet	1990-1997	4.000"/101.6mm X 3.484"/88.5mm	36
350 CID (5.7L) 16V V8 Vortec	1995-2003	4.000"/101.6mm X 3.484"/88.5mm	36
364 CID (6.0L) 16V V8 Vortec CNG	2002-2005	4.000"/101.6mm X 3.622"/92.0mm	39
364 CID (6.0L) 16V V8 Vortec	1999-2010	4.000"/101.6mm X 3.622"/92.0mm	39
364 CID (6.0L) 16V V8 Vortec Hybrid	2008-2009	4.000"/101.6mm X 3.622"/92.0mm	42
366 CID (6.0L) 16V V8 Chevrolet Carbureted	1990-1991	3.938"/100.0mm X 3.766"/95.5mm	43
366 CID (6.0L) 16V V8 Chevrolet	1990-1998	3.938"/100.0mm X 3.766"/95.5mm	43
376 CID (6.2L) 16V V8	2008-2010	4.065"/103.3mm X 3.622"/92.0mm	44
376 CID (6.2L) 16V SC V8	2009-2010	4.065"/103.3mm X 3.622"/92.0mm	45
376 CID (6.2L) 16V V8 Vortec	2007-2010	4.065"/103.3mm X 3.622"/92.0mm	42
379 CID (6.2L) 16V V8 DIESEL	1990-1993	3.976"/101.0mm X 3.819"/97.0mm	46
395 CID (6.5L) 16V V8 DIESEL	1994-1999	4.055"/103.0mm X 3.819"/97.0mm	46



ENGINE	YEAR	BORE & STROKE	BLOCK
395 CID (6.5L) 16V Turbo. V8 DIESEL	1992-2002	4.055"/103.0mm X 3.819"/97.0mm	46
403 CID (6.6L) 32V Turbo. V8 Duramax DIESEL	2001-2009	4.055"/103.0mm X 3.898"/99.0mm	47
427 CID (7.0L) 16V V8 Chevrolet Carbureted	1990	4.250"/108.0mm X 3.766"/95.7mm	43
427 CID (7.0L) 16V V8 Chevrolet	1990-1998	4.250"/108.0mm X 3.766"/95.7mm	43
427 CID (7.0L) 16V V8	2006-2010	4.125"/104.8mm X 4.000"/101.6mm	45
454 CID (7.4L) 16V V8 Chevrolet	1990-1997	4.250"/108.0mm X 4.000"/101.6mm	43
454 CID (7.4L) 16V V8 Vortec	1996-2000	4.250"/108.0mm X 4.000"/101.6mm	43
496 CID (8.1L) 16V V8 Vortec	2001-2007	4.250"/108.0mm X 4.370"/111.0mm	48

MODEL	ENGINE	YEAR	BLOCK
60 Special	300 CID (4.9L) 16V V8 Cadillac L26	1993	38
6000	151 CID (2.5L) 8V L4 Pontiac LR8	1990-1991	16
6000	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1991	23
88	231 CID (3.8L) 12V V6 Buick L36	1992-1999	31
88	231 CID (3.8L) 12V V6 Buick L27	1992-1999	31
88	231 CID (3.8L) 12V SC V6 Buick L67	1995	32
98	231 CID (3.8L) 12V V6 Buick L27	1990-1996	31
98	231 CID (3.8L) 12V V6 Buick L36	1990-1996	31
98	231 CID (3.8L) 12V V6 Buick LN3	1990-1996	31
98	231 CID (3.8L) 12V SC V6 Buick L67	1992-1995	32
Acadia	217 CID (3.6L) DOHC 24V V6 LLT	2007-2010	22
Acadia	217 CID (3.6L) DOHC 24V V6 LY7	2007-2010	22
Achieva	138 CID (2.3L) SOHC 8V L4 Quad 4 L40	1992-1994	12
Achieva	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1992-1995	13
Achieva	138 CID (2.3L) DOHC 16V L4 Quad 4 LG0	1992-1995	13
Achieva	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1996-1998	15
Achieva	189 CID (3.1L) 12V V6 Chevrolet L82	1994-1998	23
Achieva	204 CID (3.3L) 12V V6 Buick LG7	1992-1993	25
Alero	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2002-2004	11
Alero	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1999-2001	15
Alero	207 CID (3.4L) 12V V6 Chevrolet LA1	1999-2004	23
Allante	273 CID (4.5L) 16V V8 Cadillac LQ6	1990-1992	38
Allante	281 CID (4.6L) DOHC 32V V8 Northstar L37	1993	35
Allure	217 CID (3.6L) DOHC 24V V6 LY7	2005-2008	22
Allure	231 CID (3.8L) 12V V6 Buick L26	2005-2009	31
Allure	325 CID (5.3L) 16V V8 LS4	2008-2009	41
Astro	151 CID (2.5L) 8V L4 Pontiac LN8	1990	16
Astro	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1994	34
Astro	262 CID (4.3L) 12V V6 Chevrolet	1990-1994	34
Astro	262 CID (4.3L) 12V V6 Vortec LU3	1992-2005	34
Astro	262 CID (4.3L) 12V V6 Vortec L35	1992-2005	34
Aurora	214 CID (3.5L) DOHC 24V V6 Oldsmobile LX5	2001-2002	29
Aurora	244 CID (4.0L) DOHC 32V V8 Oldsmobile L47	1995-1999, 2001-2003	35
Avalanche	325 CID (5.3L) 16V V8 Vortec L59	2002-2010	39
Avalanche	325 CID (5.3L) 16V V8 Vortec LMG	2002-2010	39
Avalanche	325 CID (5.3L) 16V V8 Vortec LY5	2002-2010	39
Avalanche	325 CID (5.3L) 16V V8 Vortec LC9	2002-2010	39
Avalanche	325 CID (5.3L) 16V V8 Vortec LM7	2002-2010	39
Avalanche	364 CID (6.0L) 16V V8 Vortec L76	2007-2009	39
Avalanche	496 CID (8.1L) 16V V8 Vortec L18	2002-2006	48
Aztek	207 CID (3.4L) 12V V6 Chevrolet LA1	2001-2005	23
B60	366 CID (6.0L) 16V V8 Chevrolet L86 Carbureted	1990-1991	43



MODEL	ENGINE	YEAR	BLOCK
B6000	366 CID (6.0L) 16V V8 Chevrolet L86 Carbureted	1990-1991	43
B7	366 CID (6.0L) 16V V8 Chevrolet LS0	1993-1998	43
B7	427 CID (7.0L) 16V V8 Chevrolet LR0	1994-1998	43
B7	496 CID (8.1L) 16V V8 Vortec L18	2001-2002	48
Beretta	134 CID (2.2L) 8V L4 LN2	1990-1996	10
Beretta	134 CID (2.2L) 8V L4 LM3	1990-1996	10
Beretta	138 CID (2.3L) DOHC 16V L4 Quad 4 LG0	1990-1994	13
Beretta	189 CID (3.1L) 12V V6 Chevrolet L82	1990-1996	23
Beretta	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1996	23
Blazer	262 CID (4.3L) 12V V6 Vortec L35	1995-2005	34
Blazer	262 CID (4.3L) 12V V6 Vortec LU3	1995-2005	34
Blazer	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1994	36
Blazer	379 CID (6.2L) 16V V8 LH6 DIESEL	1990-1991	46
Blazer	395 CID (6.5L) 16V Turbo. V8 L56 DIESEL	1994	46
Bonneville	231 CID (3.8L) 12V V6 Buick LN3	1990-2005	31
Bonneville	231 CID (3.8L) 12V V6 Buick L36	1990-2005	31
Bonneville	231 CID (3.8L) 12V V6 Buick L27	1990-2005	31
Bonneville	231 CID (3.8L) 12V SC V6 Buick L67	1992-2003	32
Bonneville	281 CID (4.6L) DOHC 32V V8 Northstar LD8	2004-2005	35
Bravada	254 CID (4.2L) DOHC 24V L6 Vortec LL8	2002-2004	33
Bravada	262 CID (4.3L) 12V V6 Chevrolet LB4	1991-1994	34
Bravada	262 CID (4.3L) 12V V6 Vortec L35	1992-2001	34
Brougham	305 CID (5.0L) 16V V8 Chevrolet L03	1991-1992	36
Brougham	307 CID (5.0L) 16V V8 Oldsmobile Carbureted	1990	40
Brougham	350 CID (5.7L) 16V V8 Chevrolet LL0	1990-1992	36
C/K-Series	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1995	34
C/K-Series	262 CID (4.3L) 12V V6 Vortec L35	1996-1998	34
C/K-Series	305 CID (5.0L) 16V V8 Chevrolet L03	1990-1995	36
C/K-Series	305 CID (5.0L) 16V V8 Vortec L30	1996-1999	36
C/K-Series	350 CID (5.7L) 16V V8 Chevrolet CNG	1992-1993	36
C/K-Series	350 CID (5.7L) 16V V8 Vortec CNG	1996-2000	36
C/K-Series	350 CID (5.7L) 16V V8 Chevrolet LF5 Carbureted	1990	36
C/K-Series	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1995	36
C/K-Series	350 CID (5.7L) 16V V8 Vortec L31	1996-2000	36
C/K-Series	366 CID (6.0L) 16V V8 Chevrolet LS0	1990-1998	43
C/K-Series	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1993	46
C/K-Series	379 CID (6.2L) 16V V8 LH6 DIESEL	1990-1993	46
C/K-Series	395 CID (6.5L) 16V V8 L49 DIESEL	1994-1995	46
C/K-Series	395 CID (6.5L) 16V Turbo. V8 L56 DIESEL	1992-2002	46
C/K-Series	395 CID (6.5L) 16V Turbo. V8 L65 DIESEL	1992-2002	46
C/K-Series	403 CID (6.6L) 32V Turbo. V8 Duramax LB7 DIESEL	2003-2007	47
C/K-Series	403 CID (6.6L) 32V Turbo. V8 Duramax LLY DIESEL	2003-2007	47
C/K-Series	427 CID (7.0L) 16V V8 Chevrolet L43 Carbureted	1990	43
C/K-Series	427 CID (7.0L) 16V V8 Chevrolet LR0	1990-1998	43
C/K-Series	454 CID (7.4L) 16V V8 Chevrolet L19	1990-1995	43
C/K-Series	454 CID (7.4L) 16V V8 Vortec L29	1996-2000	43
C/K-Series	496 CID (8.1L) 16V V8 Vortec L18	2001-2007	48
Calais	138 CID (2.3L) DOHC 16V L4 Quad 4 LG0	1990-1991	13
Calais	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1990-1991	13
Calais	151 CID (2.5L) 8V L4 Pontiac L68	1990-1991	16
Calais	204 CID (3.3L) 12V V6 Buick LG7	1990-1991	25
Camaro	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1992	23
Camaro	207 CID (3.4L) 12V V6 Chevrolet L32	1993-1995	23
Camaro	217 CID (3.6L) DOHC 24V V6 LLT	2010	22
Camaro	231 CID (3.8L) 12V V6 Buick L36	1995-2002	31



MODEL	ENGINE	YEAR	BLOCK
Camaro	305 CID (5.0L) 16V V8 Chevrolet LB9	1990-1992	36
Camaro	305 CID (5.0L) 16V V8 Chevrolet L03	1990-1992	36
Camaro	346 CID (5.7L) 16V V8 Chevrolet LS1	1998-2002	39
Camaro	350 CID (5.7L) 16V V8 Chevrolet L98	1990-1997	36
Camaro	350 CID (5.7L) 16V V8 Chevrolet LT1	1990-1997	36
Camaro	376 CID (6.2L) 16V V8 L99	2010	44
Camaro	376 CID (6.2L) 16V V8 LS3	2010	44
Canyon	169 CID (2.8L) DOHC 16V L4 LK5	2004-2006	17
Canyon	178 CID (2.9L) DOHC 16V L4 LLV	2007-2010	18
Canyon	211 CID (3.5L) DOHC 20V L5 L52	2004-2006	20
Canyon	223 CID (3.7L) DOHC 20V L5 LLR	2007-2010	21
Canyon	325 CID (5.3L) 16V V8 Vortec LH8	2009-2010	39
Canyon	325 CID (5.3L) 16V V8 Vortec LH9	2009-2010	39
Caprice	262 CID (4.3L) 12V V6 Chevrolet LB4	1990, 1992-1993	34
Caprice	265 CID (4.3L) 16V V8 Chevrolet L99	1994-1996	36
Caprice	305 CID (5.0L) 16V V8 Chevrolet L03	1990-1993	36
Caprice	307 CID (5.0L) 16V V8 Oldsmobile Carbureted	1990	40
Caprice	350 CID (5.7L) 16V V8 Chevrolet LT1	1990-1996	36
Caprice	350 CID (5.7L) 16V V8 Chevrolet LLO	1990-1996	36
Catera	181 CID (3.0L) DOHC 24V V6 Opel L81	1997-2001	24
Cavalier	134 CID (2.2L) 8V L4 LM3	1990-2002	10
Cavalier	134 CID (2.2L) 8V L4 LN2	1990-2002	10
Cavalier	134 CID (2.2L) DOHC 16V L4 Ecotec L42	2002-2005	11
Cavalier	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2002-2005	11
Cavalier	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1995	13
Cavalier	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1996-2002	15
Cavalier	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1994	23
Celebrity	151 CID (2.5L) 8V L4 Pontiac LR8	1990	16
Celebrity	189 CID (3.1L) 12V V6 Chevrolet LH0	1990	23
Century	134 CID (2.2L) 8V L4 LN2	1993-1996	10
Century	151 CID (2.5L) 8V L4 Pontiac LR8	1990-1992	16
Century	189 CID (3.1L) 12V V6 Chevrolet L82	1994-2005	23
Century	189 CID (3.1L) 12V V6 Chevrolet LG8	1994-2005	23
Century	204 CID (3.3L) 12V V6 Buick LG7	1990-1993	25
Classic	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2004-2005	11
Cobalt	122 CID (2.0L) DOHC 16V SC L4 Ecotec LSJ	2005-2007	9
Cobalt	122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec LNF	2008-2009	9
Cobalt	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2005-2010	11
Cobalt	134 CID (2.2L) DOHC 16V L4 Ecotec LAP	2005-2010	11
Cobalt	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2006-2008	14
Colorado	169 CID (2.8L) DOHC 16V L4 LK5	2004-2006	17
Colorado	178 CID (2.9L) DOHC 16V L4 LLV	2007-2010	18
Colorado	211 CID (3.5L) DOHC 20V L5 L52	2004-2006	20
Colorado	223 CID (3.7L) DOHC 20V L5 LLR	2007-2010	21
Colorado	325 CID (5.3L) 16V V8 Vortec LH9	2009-2010	39
Colorado	325 CID (5.3L) 16V V8 Vortec LH8	2009-2010	39
Commercial Chassis	262 CID (4.3L) 12V V6 Chevrolet LB4	1992	34
Commercial Chassis	273 CID (4.5L) 16V V8 Cadillac	1990	38
Commercial Chassis	300 CID (4.9L) 16V V8 Cadillac L26	1991-1993	38
Commercial Chassis	305 CID (5.0L) 16V V8 Chevrolet L03	1991-1992	36
Commercial Chassis	350 CID (5.7L) 16V V8 Chevrolet LT1	1991-1996	36
Commercial Chassis	350 CID (5.7L) 16V V8 Chevrolet LLO	1991-1996	36
Corsica	134 CID (2.2L) 8V L4 LN2	1990-1996	10
Corsica	134 CID (2.2L) 8V L4 LM3	1990-1996	10
Corsica	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1996	23



MODEL	ENGINE	YEAR	BLOCK
Corsica	189 CID (3.1L) 12V V6 Chevrolet L82	1990-1996	23
Corvette	346 CID (5.7L) 16V V8 Chevrolet LS6	1997-2004	39
Corvette	346 CID (5.7L) 16V V8 Chevrolet LS1	1997-2004	39
Corvette	350 CID (5.7L) 16V V8 Chevrolet L98	1990-1996	36
Corvette	350 CID (5.7L) 16V V8 Chevrolet LT4	1990-1996	36
Corvette	350 CID (5.7L) 16V V8 Chevrolet LT1	1990-1996	36
Corvette	364 CID (6.0L) 16V V8 Vortec LS2	2005-2007	39
Corvette	376 CID (6.2L) 16V V8 LS3	2008-2010	44
Corvette	376 CID (6.2L) 16V SC V8 LS9	2009-2010	45
Corvette	427 CID (7.0L) 16V V8 LS7	2006-2010	45
CTS	170 CID (2.8L) DOHC 24V V6 LP1	2005-2007	22
CTS	182 CID (3.0L) DOHC 24V V6 LF1	2010	22
CTS	197 CID (3.2L) DOHC 24V V6 Cadillac LA3	2003-2004	24
CTS	217 CID (3.6L) DOHC 24V V6 LLT	2004-2010	22
CTS	217 CID (3.6L) DOHC 24V V6 LY7	2004-2010	22
CTS	346 CID (5.7L) 16V V8 Chevrolet LS6	2004-2005	39
CTS	364 CID (6.0L) 16V V8 Vortec LS2	2006-2007	39
CTS	376 CID (6.2L) 16V SC V8 LSA	2009-2010	45
Custom Cruiser	305 CID (5.0L) 16V V8 Chevrolet L03	1991-1992	36
Custom Cruiser	307 CID (5.0L) 16V V8 Oldsmobile Carbureted	1990	40
Custom Cruiser	350 CID (5.7L) 16V V8 Chevrolet LLO	1992	36
Cutlass	189 CID (3.1L) 12V V6 Chevrolet LG8	1997-1999	23
Cutlass	189 CID (3.1L) 12V V6 Chevrolet L82	1997-1999	23
Cutlass Ciera	134 CID (2.2L) 8V L4 LN2	1993-1996	10
Cutlass Ciera	151 CID (2.5L) 8V L4 Pontiac LR8	1990-1992	16
Cutlass Ciera	189 CID (3.1L) 12V V6 Chevrolet L82	1994-1996	23
Cutlass Ciera	204 CID (3.3L) 12V V6 Buick LG7	1990-1993	25
Cutlass Cruiser	151 CID (2.5L) 8V L4 Pontiac LR8	1990	16
Cutlass Cruiser	189 CID (3.1L) 12V V6 Chevrolet L82	1994	23
Cutlass Cruiser	204 CID (3.3L) 12V V6 Buick LG7	1990-1993	25
Cutlass Supreme	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1990-1991	13
Cutlass Supreme	138 CID (2.3L) DOHC 16V L4 Quad 4 LG0	1990-1991	13
Cutlass Supreme	189 CID (3.1L) 12V V6 Chevrolet L82	1990-1997	23
Cutlass Supreme	189 CID (3.1L) 12V V6 Chevrolet LHO	1990-1997	23
Cutlass Supreme	207 CID (3.4L) DOHC 24V V6 Chevrolet LQ1	1991-1996	27
Delta 88	231 CID (3.8L) 12V V6 Buick LN3	1990-1991	31
DeVille	273 CID (4.5L) 16V V8 Cadillac	1990	38
DeVille	281 CID (4.6L) DOHC 32V V8 Northstar L37	1994-2005	35
DeVille	281 CID (4.6L) DOHC 32V V8 Northstar LD8	1994-2005	35
DeVille	300 CID (4.9L) 16V V8 Cadillac L26	1991-1995	38
DTS	281 CID (4.6L) DOHC 32V V8 Northstar L37	2006-2010	35
DTS	281 CID (4.6L) DOHC 32V V8 Northstar LD8	2006-2010	35
Eldorado	273 CID (4.5L) 16V V8 Cadillac	1990	38
Eldorado	281 CID (4.6L) DOHC 32V V8 Northstar LD8	1993-2002	35
Eldorado	281 CID (4.6L) DOHC 32V V8 Northstar L37	1993-2002	35
Eldorado	300 CID (4.9L) 16V V8 Cadillac L26	1991-1993	38
Electra	231 CID (3.8L) 12V V6 Buick LN3	1990	31
Enclave	217 CID (3.6L) DOHC 24V V6 LLT	2008-2010	22
Enclave	217 CID (3.6L) DOHC 24V V6 LY7	2008-2010	22
Envoy	254 CID (4.2L) DOHC 24V L6 Vortec LL8	2002-2009	33
Envoy	325 CID (5.3L) 16V V8 Vortec LM4	2003-2009	39
Envoy	325 CID (5.3L) 16V V8 Vortec LH6	2003-2009	39
Equinox	145 CID (2.4L) DOHC 16V L4 Ecotec LAF	2010	14
Equinox	182 CID (3.0L) DOHC 24V V6 LF1	2010	22
Equinox	204 CID (3.4L) 12V V6 Chevrolet LNJ	2005-2009	26



MODEL	ENGINE	YEAR	BLOCK
Equinox	217 CID (3.6L) DOHC 24V V6 LY7	2008-2009	22
Escalade	325 CID (5.3L) 16V V8 Vortec LM7	2002-2005	39
Escalade	350 CID (5.7L) 16V V8 Vortec L31	1999-2000	36
Escalade	364 CID (6.0L) 16V V8 Vortec LQ9	2002-2006	39
Escalade	364 CID (6.0L) 16V V8 Vortec LFA Hybrid	2009	42
Escalade	376 CID (6.2L) 16V V8 Vortec L92	2007-2010	42
Escalade	376 CID (6.2L) 16V V8 Vortec L94	2007-2010	42
Escalade	376 CID (6.2L) 16V V8 Vortec L9H	2007-2010	42
Estate Wagon	307 CID (5.0L) 16V V8 Oldsmobile Carbureted	1990	40
Express	262 CID (4.3L) 12V V6 Vortec LU3	1996-2010	34
Express	262 CID (4.3L) 12V V6 Vortec L35	1996-2010	34
Express	294 CID (4.8L) 16V V8 Vortec LR4	2003-2010	39
Express	294 CID (4.8L) 16V V8 Vortec LY2	2003-2010	39
Express	294 CID (4.8L) 16V V8 Vortec L20	2003-2010	39
Express	305 CID (5.0L) 16V V8 Chevrolet L03	1996	36
Express	305 CID (5.0L) 16V V8 Vortec L30	1996-2002	36
Express	325 CID (5.3L) 16V V8 Vortec LM7	2003-2010	39
Express	325 CID (5.3L) 16V V8 Vortec LMF	2003-2010	39
Express	325 CID (5.3L) 16V V8 Vortec L59	2003-2010	39
Express	350 CID (5.7L) 16V V8 Vortec CNG	2001	36
Express	350 CID (5.7L) 16V V8 Vortec L31	1996-2002	36
Express	350 CID (5.7L) 16V V8 Vortec	1996-2002	36
Express	364 CID (6.0L) 16V V8 Vortec CNG	2003-2005	39
Express	364 CID (6.0L) 16V V8 Vortec LQ4	2003-2009	39
Express	364 CID (6.0L) 16V V8 Vortec LY6	2003-2009	39
Express	395 CID (6.5L) 16V Turbo. V8 L65 DIESEL	1996-2002	46
Express	403 CID (6.6L) 32V Turbo. V8 Duramax LLY DIESEL	2006-2009	47
Express	403 CID (6.6L) 32V Turbo. V8 Duramax LMM DIESEL	2006-2009	47
Express	454 CID (7.4L) 16V V8 Vortec L29	1996-2000	43
Express	496 CID (8.1L) 16V V8 Vortec L18	2001-2002	48
Firebird	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1992	23
Firebird	207 CID (3.4L) 12V V6 Chevrolet L32	1993-1995	23
Firebird	231 CID (3.8L) 12V V6 Buick L36	1995-2002	31
Firebird	305 CID (5.0L) 16V V8 Chevrolet LB9	1990-1992	36
Firebird	305 CID (5.0L) 16V V8 Chevrolet L03	1990-1992	36
Firebird	346 CID (5.7L) 16V V8 Chevrolet LS1	1998-2002	39
Firebird	350 CID (5.7L) 16V V8 Chevrolet LT1	1990-1997	36
Firebird	350 CID (5.7L) 16V V8 Chevrolet L98	1990-1997	36
Firefly	61 CID (1.0L) SOHC 6V L3 Suzuki LP2	1991-2001	1
Firefly	61 CID (1.0L) SOHC 6V Turbo. L3 Suzuki LS3	1990-1991	1
Firefly	79 CID (1.3L) SOHC 8V L4 Suzuki L72	1992, 1994-1997	2
Firefly	79 CID (1.3L) SOHC 16V L4 Suzuki LY8	1998-2000	2
Fleetwood	273 CID (4.5L) 16V V8 Cadillac	1990	38
Fleetwood	300 CID (4.9L) 16V V8 Cadillac L26	1991-1992	38
Fleetwood	350 CID (5.7L) 16V V8 Chevrolet LT1	1993-1996	36
Fleetwood	350 CID (5.7L) 16V V8 Chevrolet LL0	1993-1996	36
G-Series	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1995	34
G-Series	305 CID (5.0L) 16V V8 Chevrolet L03	1990-1995	36
G-Series	350 CID (5.7L) 16V V8 Chevrolet CNG	1995-1996	36
G-Series	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1996	36
G-Series	379 CID (6.2L) 16V V8 LH6 DIESEL	1990-1993	46
G-Series	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1993	46
G-Series	395 CID (6.5L) 16V V8 L57 DIESEL	1994-1996	46
G-Series	395 CID (6.5L) 16V V8 L49 DIESEL	1994-1996	46
G-Series	454 CID (7.4L) 16V V8 Chevrolet L19	1990-1996	43



MODEL	ENGINE	YEAR	BLOCK
G5	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2007-2010	11
G5	134 CID (2.2L) DOHC 16V L4 Ecotec LAP	2007-2010	11
G5	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2007-2008	14
G6	145 CID (2.4L) DOHC 16V L4 Ecotec LE9	2006-2010	14
G6	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2006-2010	14
G6	213 CID (3.5L) 12V V6 LX9	2005-2006	28
G6	214 CID (3.5L) 12V V6 LZ4	2007-2008	30
G6	217 CID (3.6L) DOHC 24V V6 LY7	2007-2009	22
G6	237 CID (3.9L) 12V V6 LZ9	2006-2009	30
G8	217 CID (3.6L) DOHC 24V V6 LY7	2008-2009	22
G8	364 CID (6.0L) 16V V8 Vortec L76	2008-2009	39
G8	376 CID (6.2L) 16V V8 LS3	2009	44
Grand Am	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2002-2005	11
Grand Am	138 CID (2.3L) SOHC 8V L4 Quad 4 L40	1992-1994	12
Grand Am	138 CID (2.3L) DOHC 16V L4 Quad 4 LG0	1990-1995	13
Grand Am	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1990-1995	13
Grand Am	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1996-2001	15
Grand Am	151 CID (2.5L) 8V L4 Pontiac L68	1990-1991	16
Grand Am	189 CID (3.1L) 12V V6 Chevrolet L82	1994-1998	23
Grand Am	204 CID (3.3L) 12V V6 Buick LG7	1992-1993	25
Grand Am	207 CID (3.4L) 12V V6 Chevrolet LA1	1999-2005	23
Grand Prix	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1990-1991	13
Grand Prix	189 CID (3.1L) 12V V6 Chevrolet LG8	1990-2003	23
Grand Prix	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-2003	23
Grand Prix	189 CID (3.1L) 12V V6 Chevrolet L82	1990-2003	23
Grand Prix	189 CID (3.1L) 12V Turbo. V6 Chevrolet	1990	23
Grand Prix	207 CID (3.4L) DOHC 24V V6 Chevrolet LQ1	1991-1996	27
Grand Prix	231 CID (3.8L) 12V V6 Buick L26	1997-2008	31
Grand Prix	231 CID (3.8L) 12V V6 Buick L36	1997-2008	31
Grand Prix	231 CID (3.8L) 12V SC V6 Buick L67	1997-2007	32
Grand Prix	231 CID (3.8L) 12V SC V6 Buick L32	1997-2007	32
Grand Prix	325 CID (5.3L) 16V V8 LS4	2005-2008	41
GTO	346 CID (5.7L) 16V V8 Chevrolet LS1	2004	39
GTO	364 CID (6.0L) 16V V8 Vortec LS2	2005-2006	39
HHR	122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec LNF	2008-2009	9
HHR	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2006-2008	11
HHR	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2006-2010	14
HHR	145 CID (2.4L) DOHC 16V L4 Ecotec LE9	2006-2010	14
Impala	207 CID (3.4L) 12V V6 Chevrolet LA1	2000-2005	23
Impala	214 CID (3.5L) 12V V6 LZE	2006-2008	30
Impala	214 CID (3.5L) 12V V6 LZ4	2006-2008	30
Impala	231 CID (3.8L) 12V V6 Buick L36	2000-2005	31
Impala	231 CID (3.8L) 12V SC V6 Buick L67	2004-2005	32
Impala	237 CID (3.9L) 12V V6 LZ8	2006-2009	30
Impala	237 CID (3.9L) 12V V6 LZ9	2006-2009	30
Impala	237 CID (3.9L) 12V V6 LGD	2006-2009	30
Impala	237 CID (3.9L) 12V V6 LZG	2006-2009	30
Impala	325 CID (5.3L) 16V V8 LS4	2006-2009	41
Impala	350 CID (5.7L) 16V V8 Chevrolet LT1	1994-1996	36
Intrigue	214 CID (3.5L) DOHC 24V V6 Oldsmobile LX5	1999-2002	29
Intrigue	231 CID (3.8L) 12V V6 Buick L36	1998-1999	31
Jimmy	262 CID (4.3L) 12V V6 Chevrolet LB4	1992-1994	34
Jimmy	262 CID (4.3L) 12V V6 Vortec L35	1992-2005	34
Jimmy	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1991	36
Jimmy	379 CID (6.2L) 16V V8 LH6 DIESEL	1990-1991	46



MODEL	ENGINE	YEAR	BLOCK
LaCrosse	145 CID (2.4L) DOHC 16V L4 Ecotec LAF	2010	14
LaCrosse	182 CID (3.0L) DOHC 24V V6 LF1	2010	22
LaCrosse	217 CID (3.6L) DOHC 24V V6 LY7	2005-2008, 2010	22
LaCrosse	217 CID (3.6L) DOHC 24V V6 LLT	2005-2008, 2010	22
LaCrosse	231 CID (3.8L) 12V V6 Buick L26	2005-2009	31
LaCrosse	325 CID (5.3L) 16V V8 LS4	2008-2009	41
LeMans	122 CID (2.0L) SOHC 8V L4 Pontiac LT2	1990	8
LeSabre	231 CID (3.8L) 12V V6 Buick L27	1990-2005	31
LeSabre	231 CID (3.8L) 12V V6 Buick L36	1990-2005	31
LeSabre	231 CID (3.8L) 12V V6 Buick LN3	1990-2005	31
LeSabre	307 CID (5.0L) 16V V8 Oldsmobile Carbureted	1990	40
LLV	134 CID (2.2L) 8V L4 LN2	1994-1995	10
LLV	151 CID (2.5L) 8V L4 Pontiac L38	1990-1993	16
LLV	151 CID (2.5L) 8V L4 Pontiac LN8	1990-1993	16
LSS	231 CID (3.8L) 12V V6 Buick L36	1996-1999	31
LSS	231 CID (3.8L) 12V SC V6 Buick L67	1996-1999	32
Lucerne	231 CID (3.8L) 12V V6 Buick L26	2006-2008	31
Lucerne	237 CID (3.9L) 12V V6 LGD	2009	30
Lucerne	237 CID (3.9L) 12V V6 LZ9	2009	30
Lucerne	281 CID (4.6L) DOHC 32V V8 Northstar L37	2006-2010	35
Lucerne	281 CID (4.6L) DOHC 32V V8 Northstar LD8	2006-2010	35
Lumina	134 CID (2.2L) 8V L4 LN2	1993	10
Lumina	151 CID (2.5L) 8V L4 Pontiac LR8	1990-1992	16
Lumina	189 CID (3.1L) 12V V6 Chevrolet L82	1990-2001	23
Lumina	189 CID (3.1L) 12V V6 Chevrolet L64	1990-2001	23
Lumina	189 CID (3.1L) 12V V6 Chevrolet LG8	1990-2001	23
Lumina	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-2001	23
Lumina	207 CID (3.4L) DOHC 24V V6 Chevrolet LQ1	1991-1997	27
Lumina	231 CID (3.8L) 12V V6 Buick L36	1998-1999	31
Lumina APV	189 CID (3.1L) 12V V6 Chevrolet LG6	1990-1995	23
Lumina APV	207 CID (3.4L) 12V V6 Chevrolet LA1	1996	23
Lumina APV	231 CID (3.8L) 12V V6 Buick L27	1992-1995	31
Malibu	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2004-2008	11
Malibu	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2008-2010	14
Malibu	145 CID (2.4L) DOHC 16V L4 Ecotec LE9	2008-2010	14
Malibu	145 CID (2.4L) DOHC 16V L4 Ecotec LAT Hybrid	2008-2009	14
Malibu	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1997-1999	15
Malibu	189 CID (3.1L) 12V V6 Chevrolet L82	1997-2003	23
Malibu	189 CID (3.1L) 12V V6 Chevrolet LG8	1997-2003	23
Malibu	213 CID (3.5L) 12V V6 LX9	2004-2006	28
Malibu	214 CID (3.5L) 12V V6 LZ4	2007-2008	30
Malibu	217 CID (3.6L) DOHC 24V V6 LY7	2008-2010	22
Malibu	237 CID (3.9L) 12V V6 LZ9	2006-2007	30
Metro	61 CID (1.0L) SOHC 6V L3 Suzuki LP2	1990-2000	1
Metro	79 CID (1.3L) SOHC 8V L4 Suzuki L72	1992-1997	2
Metro	79 CID (1.3L) SOHC 16V L4 Suzuki LY8	1998-2001	2
Montana	207 CID (3.4L) 12V V6 Chevrolet LA1	1999-2005	23
Montana	213 CID (3.5L) 12V V6 LX9	2005-2006	28
Montana	237 CID (3.9L) 12V V6 LZ9	2006-2009	30
Montana	237 CID (3.9L) 12V V6 LGD	2006-2009	30
Monte Carlo	189 CID (3.1L) 12V V6 Chevrolet L82	1995-1999	23
Monte Carlo	207 CID (3.4L) 12V V6 Chevrolet LA1	2000-2005	23
Monte Carlo	207 CID (3.4L) DOHC 24V V6 Chevrolet LQ1	1995-1997	27
Monte Carlo	214 CID (3.5L) 12V V6 LZE	2006-2007	30
Monte Carlo	214 CID (3.5L) 12V V6 LZ4	2006-2007	30



MODEL	ENGINE	YEAR	BLOCK
Monte Carlo	231 CID (3.8L) 12V V6 Buick L36	1998-2005	31
Monte Carlo	231 CID (3.8L) 12V SC V6 Buick L67	2004-2005	32
Monte Carlo	237 CID (3.9L) 12V V6 LZ9	2006	30
Monte Carlo	325 CID (5.3L) 16V V8 LS4	2006-2007	41
P-Series	239 CID (3.9L) 8V Turbo. L4 Isuzu Series 4B 4BD1T DIESEL	1990-1991	19
P-Series	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1995	34
P-Series	262 CID (4.3L) 12V V6 Vortec L35	1996-1999	34
P-Series	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1996	36
P-Series	350 CID (5.7L) 16V V8 Vortec L31	1996-1999	36
P-Series	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1993	46
P-Series	395 CID (6.5L) 16V V8 L57 DIESEL	1994-1999	46
P-Series	395 CID (6.5L) 16V Turbo. V8 L65 DIESEL	1994-1999	46
P-Series	454 CID (7.4L) 16V V8 Chevrolet L19	1990-1997	43
P-Series	454 CID (7.4L) 16V V8 Vortec L29	1996-1999	43
P-Series	454 CID (7.4L) 16V V8 Vortec L21	1996-1999	43
Park Avenue	231 CID (3.8L) 12V V6 Buick L36	1991-2005	31
Park Avenue	231 CID (3.8L) 12V V6 Buick L27	1991-2005	31
Park Avenue	231 CID (3.8L) 12V SC V6 Buick L67	1991-2005	32
Prizm	98 CID (1.6L) DOHC 16V L4 Toyota LO1	1990-1997	4
Prizm	98 CID (1.6L) DOHC 16V L4 Toyota LW0	1990-1992	4
Prizm	108 CID (1.8L) DOHC 16V L4 Toyota LV6	1993-1997	6
Prizm	110 CID (1.8L) DOHC 16V L4 Toyota LV6	1998-2002	7
Pursuit	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2005-2006	11
Pursuit	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2006	14
R-Series	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1991	36
R-Series	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1991	46
R-Series	454 CID (7.4L) 16V V8 Chevrolet L19	1990-1991	43
R-Series Suburban	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1991	36
R-Series Suburban	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1991	46
R-Series Suburban	379 CID (6.2L) 16V V8 LH6 DIESEL	1990-1991	46
R-Series Suburban	454 CID (7.4L) 16V V8 Chevrolet L19	1990-1991	43
Rainier	254 CID (4.2L) DOHC 24V L6 Vortec LL8	2004-2007	33
Rainier	325 CID (5.3L) 16V V8 Vortec LM4	2004-2007	39
Rainier	325 CID (5.3L) 16V V8 Vortec LH6	2004-2007	39
Reatta	231 CID (3.8L) 12V V6 Buick L27	1990-1991	31
Reatta	231 CID (3.8L) 12V V6 Buick LN3	1990-1991	31
Regal	189 CID (3.1L) 12V V6 Chevrolet L82	1990-1996	23
Regal	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1996	23
Regal	231 CID (3.8L) 12V V6 Buick L27	1990-2004	31
Regal	231 CID (3.8L) 12V V6 Buick L36	1990-2004	31
Regal	231 CID (3.8L) 12V SC V6 Buick L67	1997-2004	32
Regency	231 CID (3.8L) 12V V6 Buick L36	1997-1998	31
Rendezvous	207 CID (3.4L) 12V V6 Chevrolet LA1	2002-2005	23
Rendezvous	213 CID (3.5L) 12V V6 LX9	2006-2007	28
Rendezvous	217 CID (3.6L) DOHC 24V V6 LY7	2004-2006	22
Riviera	231 CID (3.8L) 12V V6 Buick LN3	1990-1993, 1995-1997	31
Riviera	231 CID (3.8L) 12V V6 Buick L27	1990-1993, 1995-1997	31
Riviera	231 CID (3.8L) 12V V6 Buick L36	1990-1993, 1995-1997	31
Riviera	231 CID (3.8L) 12V SC V6 Buick L67	1995-1999	32
Roadmaster	305 CID (5.0L) 16V V8 Chevrolet L03	1991	36
Roadmaster	350 CID (5.7L) 16V V8 Chevrolet LT1	1992-1996	36
Roadmaster	350 CID (5.7L) 16V V8 Chevrolet LL0	1992-1996	36
S10	134 CID (2.2L) 8V L4 LN2	1999-2000	10
S10	134 CID (2.2L) 8V L4 Vortec LN2	1994-2003	10
S10	134 CID (2.2L) 8V L4 Vortec L43	1994-2003	10



MODEL	ENGINE	YEAR	BLOCK
S10	151 CID (2.5L) 8V L4 Pontiac LN8	1990-1993	16
S10	151 CID (2.5L) 8V L4 Pontiac L38	1990-1993	16
S10	173 CID (2.8L) 12V V6 Chevrolet LL2	1990-1993	23
S10	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1995	34
S10	262 CID (4.3L) 12V V6 Vortec L35	1994-2004	34
S10	262 CID (4.3L) 12V V6 Vortec LU3	1994-2004	34
S10 Blazer	173 CID (2.8L) 12V V6 Chevrolet LL2	1990	23
S10 Blazer	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1994	34
S10 Blazer	262 CID (4.3L) 12V V6 Vortec L35	1992-1994	34
S15	151 CID (2.5L) 8V L4 Pontiac LN8	1990	16
S15	173 CID (2.8L) 12V V6 Chevrolet LL2	1990	23
S15	262 CID (4.3L) 12V V6 Chevrolet LB4	1990	34
S15 Jimmy	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1991	34
Safari	151 CID (2.5L) 8V L4 Pontiac LN8	1990	16
Safari	262 CID (4.3L) 12V V6 Chevrolet	1990-1994	34
Safari	262 CID (4.3L) 12V V6 Chevrolet LB4	1990-1994	34
Safari	262 CID (4.3L) 12V V6 Vortec L35	1992-2005	34
Safari	262 CID (4.3L) 12V V6 Vortec LU3	1992-2005	34
Savana	262 CID (4.3L) 12V V6 Vortec LU3	1996-2010	34
Savana	262 CID (4.3L) 12V V6 Vortec L35	1996-2010	34
Savana	294 CID (4.8L) 16V V8 Vortec LY2	2003-2010	39
Savana	294 CID (4.8L) 16V V8 Vortec L20	2003-2010	39
Savana	294 CID (4.8L) 16V V8 Vortec LR4	2003-2010	39
Savana	305 CID (5.0L) 16V V8 Vortec L30	1996-2002	36
Savana	325 CID (5.3L) 16V V8 Vortec LMF	2003-2010	39
Savana	325 CID (5.3L) 16V V8 Vortec LM7	2003-2010	39
Savana	325 CID (5.3L) 16V V8 Vortec L59	2003-2010	39
Savana	350 CID (5.7L) 16V V8 Vortec	1996-2002	36
Savana	350 CID (5.7L) 16V V8 Vortec L31	1996-2002	36
Savana	364 CID (6.0L) 16V V8 Vortec CNG	2003-2005	39
Savana	364 CID (6.0L) 16V V8 Vortec LY6	2003-2009	39
Savana	364 CID (6.0L) 16V V8 Vortec LQ4	2003-2009	39
Savana	395 CID (6.5L) 16V Turbo. V8 L65 DIESEL	1996-2002	46
Savana	403 CID (6.6L) 32V Turbo. V8 Duramax LLY DIESEL	2006-2009	47
Savana	403 CID (6.6L) 32V Turbo. V8 Duramax LMM DIESEL	2006-2009	47
Savana	454 CID (7.4L) 16V V8 Vortec L29	1996-2000	43
Savana	496 CID (8.1L) 16V V8 Vortec L18	2001-2002	48
Seville	273 CID (4.5L) 16V V8 Cadillac	1990	38
Seville	281 CID (4.6L) DOHC 32V V8 Northstar LD8	1993-2004	35
Seville	281 CID (4.6L) DOHC 32V V8 Northstar L37	1993-2004	35
Seville	300 CID (4.9L) 16V V8 Cadillac L26	1991-1993	38
Sierra	262 CID (4.3L) 12V V6 Vortec L35	1999-2010	34
Sierra	262 CID (4.3L) 12V V6 Vortec LU3	1999-2010	34
Sierra	294 CID (4.8L) 16V V8 Vortec LY2	1999-2010	39
Sierra	294 CID (4.8L) 16V V8 Vortec L20	1999-2010	39
Sierra	294 CID (4.8L) 16V V8 Vortec LR4	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec LM7	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec L33	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec LC9	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec LH6	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec LMG	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec LY5	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec L59	1999-2010	39
Sierra	325 CID (5.3L) 16V V8 Vortec LM7 Hybrid	2005-2007	41
Sierra	364 CID (6.0L) 16V V8 Vortec CNG	2002-2005	39



MODEL	ENGINE	YEAR	BLOCK
Sierra	364 CID (6.0L) 16V V8 Vortec LQ4	1999-2010	39
Sierra	364 CID (6.0L) 16V V8 Vortec LY6	1999-2010	39
Sierra	364 CID (6.0L) 16V V8 Vortec LQ9	1999-2010	39
Sierra	364 CID (6.0L) 16V V8 Vortec L76	1999-2010	39
Sierra	364 CID (6.0L) 16V V8 Vortec	1999-2010	39
Sierra	364 CID (6.0L) 16V V8 Vortec LFA Hybrid	2009	42
Sierra	376 CID (6.2L) 16V V8 Vortec L9H	2007-2010	42
Sierra	376 CID (6.2L) 16V V8 Vortec L92	2007-2010	42
Sierra	403 CID (6.6L) 32V Turbo. V8 Duramax LLY DIESEL	2001-2009	47
Sierra	403 CID (6.6L) 32V Turbo. V8 Duramax LMM DIESEL	2001-2009	47
Sierra	403 CID (6.6L) 32V Turbo. V8 Duramax LB7 DIESEL	2001-2009	47
Sierra	403 CID (6.6L) 32V Turbo. V8 Duramax LBZ DIESEL	2001-2009	47
Sierra	496 CID (8.1L) 16V V8 Vortec L18	2001-2007	48
Silhouette	189 CID (3.1L) 12V V6 Chevrolet LG6	1990-1994	23
Silhouette	207 CID (3.4L) 12V V6 Chevrolet LA1	1996-2004	23
Silhouette	231 CID (3.8L) 12V V6 Buick L27	1992-1995	31
Silverado	262 CID (4.3L) 12V V6 Vortec L35	1999-2010	34
Silverado	262 CID (4.3L) 12V V6 Vortec LU3	1999-2010	34
Silverado	294 CID (4.8L) 16V V8 Vortec LY2	1999-2010	39
Silverado	294 CID (4.8L) 16V V8 Vortec L20	1999-2010	39
Silverado	294 CID (4.8L) 16V V8 Vortec LR4	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec LMG	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec L59	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec LY5	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec L33	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec LC9	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec LH6	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec LM7	1999-2010	39
Silverado	325 CID (5.3L) 16V V8 Vortec LM7 Hybrid	2004-2007	41
Silverado	364 CID (6.0L) 16V V8 Vortec CNG	2002-2005	39
Silverado	364 CID (6.0L) 16V V8 Vortec LQ9	1999-2010	39
Silverado	364 CID (6.0L) 16V V8 Vortec L76	1999-2010	39
Silverado	364 CID (6.0L) 16V V8 Vortec	1999-2010	39
Silverado	364 CID (6.0L) 16V V8 Vortec LQ4	1999-2010	39
Silverado	364 CID (6.0L) 16V V8 Vortec LY6	1999-2010	39
Silverado	364 CID (6.0L) 16V V8 Vortec LFA Hybrid	2009	42
Silverado	376 CID (6.2L) 16V V8 Vortec L9H	2009-2010	42
Silverado	403 CID (6.6L) 32V Turbo. V8 Duramax LB7 DIESEL	2001-2009	47
Silverado	403 CID (6.6L) 32V Turbo. V8 Duramax LBZ DIESEL	2001-2009	47
Silverado	403 CID (6.6L) 32V Turbo. V8 Duramax LLY DIESEL	2001-2009	47
Silverado	403 CID (6.6L) 32V Turbo. V8 Duramax LMM DIESEL	2001-2009	47
Silverado	496 CID (8.1L) 16V V8 Vortec L18	2001-2007	48
Skylark	138 CID (2.3L) SOHC 8V L4 Quad 4 L40	1992-1994	12
Skylark	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1990-1991, 1995	13
Skylark	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1996-1998	15
Skylark	151 CID (2.5L) 8V L4 Pontiac L68	1990-1991	16
Skylark	189 CID (3.1L) 12V V6 Chevrolet L82	1994-1998	23
Skylark	204 CID (3.3L) 12V V6 Buick LG7	1990-1993	25
Solstice	122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec LNF	2007-2009	9
Solstice	145 CID (2.4L) DOHC 16V L4 Ecotec LE5	2006-2009	14
Sonoma	134 CID (2.2L) 8V L4 LN2	1999-2000	10
Sonoma	134 CID (2.2L) 8V L4 Vortec L43	1994-2003	10
Sonoma	134 CID (2.2L) 8V L4 Vortec LN2	1994-2003	10
Sonoma	151 CID (2.5L) 8V L4 Pontiac L38	1991-1993	16
Sonoma	151 CID (2.5L) 8V L4 Pontiac LN8	1991-1993	16



MODEL	ENGINE	YEAR	BLOCK
Sonoma	173 CID (2.8L) 12V V6 Chevrolet LL2	1991-1993	23
Sonoma	262 CID (4.3L) 12V V6 Chevrolet LB4	1991-1995	34
Sonoma	262 CID (4.3L) 12V V6 Vortec L35	1992-2004	34
Sonoma	262 CID (4.3L) 12V V6 Vortec LU3	1992-2004	34
Sprint	61 CID (1.0L) SOHC 6V L3 Suzuki LP2	1990-1991	1
Sprint	61 CID (1.0L) SOHC 6V Turbo. L3 Suzuki LS3	1990-1991	1
SRX	182 CID (3.0L) DOHC 24V V6 LF1	2010	22
SRX	217 CID (3.6L) DOHC 24V V6 LY7	2004-2009	22
SRX	281 CID (4.6L) DOHC 32V V8 Northstar LH2	2004-2009	35
SSR	325 CID (5.3L) 16V V8 Vortec LM4	2003-2004	39
SSR	364 CID (6.0L) 16V V8 Vortec LS2	2005-2006	39
Storm	98 CID (1.6L) SOHC 12V L4 Isuzu LO1	1990-1993	5
Storm	98 CID (1.6L) DOHC 16V L4 Isuzu LW0	1990-1991	5
STS	217 CID (3.6L) DOHC 24V V6 LY7	2005-2010	22
STS	217 CID (3.6L) DOHC 24V V6 LLT	2005-2010	22
STS	267 CID (4.4L) DOHC 32V SC V8 Northstar LC3	2006-2009	37
STS	281 CID (4.6L) DOHC 32V V8 Northstar LH2	2005-2010	35
Suburban	325 CID (5.3L) 16V V8 Vortec LY5	2000-2010	39
Suburban	325 CID (5.3L) 16V V8 Vortec LC9	2000-2010	39
Suburban	325 CID (5.3L) 16V V8 Vortec LM7	2000-2010	39
Suburban	325 CID (5.3L) 16V V8 Vortec LMG	2000-2010	39
Suburban	325 CID (5.3L) 16V V8 Vortec L59	2000-2010	39
Suburban	364 CID (6.0L) 16V V8 Vortec LQ4	2000-2009	39
Suburban	364 CID (6.0L) 16V V8 Vortec L76	2000-2009	39
Suburban	364 CID (6.0L) 16V V8 Vortec LY6	2000-2009	39
Suburban	496 CID (8.1L) 16V V8 Vortec L18	2001-2006	48
Sunbird	122 CID (2.0L) SOHC 8V L4 Pontiac LT2	1990-1994	8
Sunbird	122 CID (2.0L) SOHC 8V L4 Pontiac LE4	1990-1994	8
Sunbird	122 CID (2.0L) SOHC 8V Turbo. L4 Pontiac	1990	8
Sunbird	189 CID (3.1L) 12V V6 Chevrolet LH0	1991-1994	23
Sunfire	134 CID (2.2L) 8V L4 LN2	1995-2002	10
Sunfire	134 CID (2.2L) DOHC 16V L4 Ecotec L61	2002-2005	11
Sunfire	138 CID (2.3L) DOHC 16V L4 Quad 4 LD2	1995	13
Sunfire	146 CID (2.4L) DOHC 16V L4 Oldsmobile LD9	1996-2002	15
Sunrunner	97 CID (1.6L) SOHC 16V L4 Suzuki LO1	1995-1997	3
Syclone	262 CID (4.3L) 12V Turbo. V6 Chevrolet	1991	34
T6500	366 CID (6.0L) 16V V8 Chevrolet LS0	1997-1998	43
T7500	366 CID (6.0L) 16V V8 Chevrolet LS0	1997-1998	43
Tahoe	294 CID (4.8L) 16V V8 Vortec LR4	2000-2009	39
Tahoe	294 CID (4.8L) 16V V8 Vortec LY2	2000-2009	39
Tahoe	325 CID (5.3L) 16V V8 Vortec LMG	2000-2010	39
Tahoe	325 CID (5.3L) 16V V8 Vortec LC9	2000-2010	39
Tahoe	325 CID (5.3L) 16V V8 Vortec L59	2000-2010	39
Tahoe	325 CID (5.3L) 16V V8 Vortec LY5	2000-2010	39
Tahoe	325 CID (5.3L) 16V V8 Vortec LM7	2000-2010	39
Tahoe	350 CID (5.7L) 16V V8 Chevrolet L05	1995	36
Tahoe	350 CID (5.7L) 16V V8 Vortec L31	1996-2000	36
Tahoe	364 CID (6.0L) 16V V8 Vortec LFA Hybrid	2008-2009	42
Tahoe	376 CID (6.2L) 16V V8 Vortec L9H	2009	42
Tahoe	395 CID (6.5L) 16V Turbo. V8 L56 DIESEL	1995-1999	46
Tempest	134 CID (2.2L) 8V L4 LM3	1990-1991	10
Tempest	189 CID (3.1L) 12V V6 Chevrolet LH0	1990-1991	23
Terrain	145 CID (2.4L) DOHC 16V L4 Ecotec LAF	2010	14
Terrain	182 CID (3.0L) DOHC 24V V6 LF1	2010	22
Terraza	213 CID (3.5L) 12V V6 LX9	2005-2006	28



MODEL	ENGINE	YEAR	BLOCK
Terraza	237 CID (3.9L) 12V V6 LGD	2006-2007	30
Terraza	237 CID (3.9L) 12V V6 LZ9	2006-2007	30
Toronado	231 CID (3.8L) 12V V6 Buick LN3	1990-1992	31
Toronado	231 CID (3.8L) 12V V6 Buick L27	1990-1992	31
Torrent	204 CID (3.4L) 12V V6 Chevrolet LNJ	2006-2009	26
Torrent	217 CID (3.6L) DOHC 24V V6 LY7	2008-2009	22
Tracker	97 CID (1.6L) SOHC 16V L4 Suzuki LO1	1994-2002	3
Tracker	97 CID (1.6L) SOHC 8V L4 Suzuki LS5	1990-1995	3
Trailblazer	254 CID (4.2L) DOHC 24V L6 Vortec LL8	2002-2009	33
Trailblazer	325 CID (5.3L) 16V V8 Vortec LH6	2003-2008	39
Trailblazer	325 CID (5.3L) 16V V8 Vortec LM4	2003-2008	39
Trailblazer	364 CID (6.0L) 16V V8 Vortec LS2	2006-2009	39
Trans Sport	189 CID (3.1L) 12V V6 Chevrolet LG6	1990-1995	23
Trans Sport	207 CID (3.4L) 12V V6 Chevrolet LA1	1996-1999	23
Trans Sport	231 CID (3.8L) 12V V6 Buick L27	1992-1995	31
Traverse	217 CID (3.6L) DOHC 24V V6 LLT	2009-2010	22
Typhoon	262 CID (4.3L) 12V Turbo. V6 Chevrolet	1992-1993	34
Uplander	213 CID (3.5L) 12V V6 LX9	2005-2006	28
Uplander	237 CID (3.9L) 12V V6 LGD	2006-2009	30
Uplander	237 CID (3.9L) 12V V6 LZ9	2006-2009	30
V-Series	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1991	36
V-Series	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1991	46
V-Series	454 CID (7.4L) 16V V8 Chevrolet L19	1990-1991	43
V-Series Suburban	350 CID (5.7L) 16V V8 Chevrolet L05	1990-1991	36
V-Series Suburban	379 CID (6.2L) 16V V8 LL4 DIESEL	1990-1991	46
V-Series Suburban	379 CID (6.2L) 16V V8 LH6 DIESEL	1990-1991	46
V-Series Suburban	454 CID (7.4L) 16V V8 Chevrolet L19	1990	43
Venture	207 CID (3.4L) 12V V6 Chevrolet LA1	1997-2005	23
Vibe	110 CID (1.8L) DOHC 16V L4 Toyota LV6	2003-2008	7
W-Series	350 CID (5.7L) 16V V8 Vortec L31	1995-2003	36
W-Series	364 CID (6.0L) 16V V8 Vortec LQ4	2003-2007	39
XLR	267 CID (4.4L) DOHC 32V SC V8 Northstar LC3	2006-2009	37
XLR	281 CID (4.6L) DOHC 32V V8 Northstar LH2	2004-2009	35
Yukon	294 CID (4.8L) 16V V8 Vortec LY2	2000-2009	39
Yukon	294 CID (4.8L) 16V V8 Vortec LR4	2000-2009	39
Yukon	325 CID (5.3L) 16V V8 Vortec L59	2000-2010	39
Yukon	325 CID (5.3L) 16V V8 Vortec LM7	2000-2010	39
Yukon	325 CID (5.3L) 16V V8 Vortec LMG	2000-2010	39
Yukon	325 CID (5.3L) 16V V8 Vortec LC9	2000-2010	39
Yukon	325 CID (5.3L) 16V V8 Vortec LY5	2000-2010	39
Yukon	350 CID (5.7L) 16V V8 Chevrolet L05	1992-1995	36
Yukon	350 CID (5.7L) 16V V8 Vortec L31	1996-1999	36
Yukon	364 CID (6.0L) 16V V8 Vortec LFA Hybrid	2008-2009	42
Yukon	376 CID (6.2L) 16V V8 Vortec L9H	2007-2010	42
Yukon	376 CID (6.2L) 16V V8 Vortec L92	2007-2010	42
Yukon	376 CID (6.2L) 16V V8 Vortec L94	2007-2010	42
Yukon	395 CID (6.5L) 16V Turbo. V8 L56 DIESEL	1994-1997	46
Yukon Denali	350 CID (5.7L) 16V V8 Vortec L31	1999-2000	36
Yukon Denali	364 CID (6.0L) 16V V8 Vortec LQ4	2001-2006	39
Yukon Denali XL	364 CID (6.0L) 16V V8 Vortec LQ4	2001-2006	39
Yukon XL 1500	325 CID (5.3L) 16V V8 Vortec LM7	2000-2010	39
Yukon XL 1500	325 CID (5.3L) 16V V8 Vortec LMG	2000-2010	39
Yukon XL 1500	325 CID (5.3L) 16V V8 Vortec LY5	2000-2010	39
Yukon XL 1500	325 CID (5.3L) 16V V8 Vortec LC9	2000-2010	39
Yukon XL 1500	325 CID (5.3L) 16V V8 Vortec L59	2000-2010	39



MODEL	ENGINE	YEAR	BLOCK
Yukon XL 1500	364 CID (6.0L) 16V V8 Vortec L76	2007-2009	39
Yukon XL 1500	376 CID (6.2L) 16V V8 Vortec L92	2007-2010	42
Yukon XL 1500	376 CID (6.2L) 16V V8 Vortec L94	2007-2010	42
Yukon XL 1500	376 CID (6.2L) 16V V8 Vortec L9H	2007-2010	42
Yukon XL 2500	364 CID (6.0L) 16V V8 Vortec LY6	2000-2009	39
Yukon XL 2500	364 CID (6.0L) 16V V8 Vortec LQ4	2000-2009	39
Yukon XL 2500	496 CID (8.1L) 16V V8 Vortec L18	2001-2006	48

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
099	3.307in/84.0mm	38	3784000	3.000in/76.2mm	36	3916396	3.484in/88.4mm	36
099	3.622in/92.0mm	38	3784000	3.484in/88.4mm	36	3916396	3.484in/88.5mm	36
0997	3.385in/86.0mm	40	3784000	3.484in/88.5mm	36	3923282	3.000in/76.2mm	36
121	3.268in/83.0mm	39	380282	3.385in/86.0mm	40	3923282	3.484in/88.4mm	36
121	3.622in/92.0mm	39	380283	3.385in/86.0mm	40	3923282	3.484in/88.5mm	36
121	3.622in/92.0mm	41	380383	3.385in/86.0mm	40	3933174	3.766in/95.5mm	43
143	3.268in/83.0mm	39	3815281	3.000in/76.2mm	36	3933174	3.766in/95.7mm	43
143	3.622in/92.0mm	39	3815281	3.484in/88.4mm	36	3933174	4.000in/101.6mm	43
143	3.622in/92.0mm	41	3815281	3.484in/88.5mm	36	3946841	3.000in/76.2mm	36
278410A	3.898in/99.0mm	47	3856239	3.766in/95.5mm	43	3946841	3.484in/88.4mm	36
3185281	3.000in/76.2mm	36	3856239	3.766in/95.7mm	43	3946841	3.484in/88.5mm	36
3185281	3.484in/88.4mm	36	3856239	4.000in/101.6mm	43	398410	3.385in/86.0mm	40
3185281	3.484in/88.5mm	36	3856240	3.766in/95.5mm	43	410997	3.385in/86.0mm	40
3703526	3.000in/76.2mm	36	3856240	3.766in/95.7mm	43	63	3.307in/84.0mm	38
3703526	3.484in/88.4mm	36	3856240	4.000in/101.6mm	43	63	3.622in/92.0mm	38
3703526	3.484in/88.5mm	36	3892671	3.000in/76.2mm	36	875	3.307in/84.0mm	38
3703527	3.000in/76.2mm	36	3892671	3.484in/88.4mm	36	875	3.622in/92.0mm	38
3703527	3.484in/88.4mm	36	3892671	3.484in/88.5mm	36			
3703527	3.484in/88.5mm	36	3916396	3.000in/76.2mm	36			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
003K	3.465in/88.0mm	10	1235413	3.160in/80.3mm	25	230376	3.484in/88.5mm	36
003K	3.484in/88.4mm	34	1235419	3.385in/86.0mm	40	230376	3.385in/86.0mm	40
003N	3.465in/88.0mm	10	12552216	3.268in/83.0mm	39	230905	3.385in/86.0mm	40
003N	3.484in/88.4mm	34	12552216	3.622in/92.0mm	39	264	2.992in/76.0mm	23
017	3.000in/76.2mm	16	12552216	3.622in/92.0mm	41	264	3.307in/84.0mm	23
020201A1	3.465in/88.0mm	10	12553482	3.268in/83.0mm	39	2680	3.000in/76.2mm	36
020201A1	3.484in/88.4mm	34	12553482	3.622in/92.0mm	39	2680	3.484in/88.4mm	36
09N	3.465in/88.0mm	10	12553482	3.622in/92.0mm	41	2680	3.484in/88.5mm	36
09N	3.484in/88.4mm	34	135411	3.484in/88.4mm	34	2690	3.000in/76.2mm	36
1.9	3.465in/88.0mm	10	1354N	3.484in/88.4mm	34	2690	3.484in/88.4mm	36
1.9	3.484in/88.4mm	34	1375802	3.385in/86.0mm	40	2690	3.484in/88.5mm	36
10-B	3.465in/88.0mm	10	1398346	3.385in/86.0mm	40	2NABC	3.000in/76.2mm	36
10-B	3.484in/88.4mm	34	14024236	3.819in/97.0mm	46	2NABC	3.484in/88.4mm	36
1130	3.000in/76.2mm	36	143	3.484in/88.4mm	34	2NABC	3.484in/88.5mm	36
1130	3.484in/88.4mm	36	147	3.484in/88.4mm	34	2Y68-76	3.000in/76.2mm	36
1130	3.484in/88.5mm	36	1617590	3.307in/84.0mm	38	2Y68-76	3.484in/88.4mm	36
1174N	3.465in/88.0mm	10	1617590	3.622in/92.0mm	38	2Y68-76	3.484in/88.5mm	36
1174N	3.484in/88.4mm	34	1629091	3.307in/84.0mm	38	306275	3.000in/76.2mm	36
1178	3.000in/76.2mm	36	1629091	3.622in/92.0mm	38	306275	3.484in/88.4mm	36
1178	3.484in/88.4mm	36	1646737	3.307in/84.0mm	38	306275	3.484in/88.5mm	36
1178	3.484in/88.5mm	36	1646737	3.622in/92.0mm	38	306276	3.000in/76.2mm	36
1182	3.000in/76.2mm	36	2253120	3.346in/85.0mm	12	306276	3.484in/88.4mm	36
1182	3.484in/88.4mm	36	2253120	3.346in/85.0mm	13	306276	3.484in/88.5mm	36
1182	3.484in/88.5mm	36	230276	3.385in/86.0mm	40	30R	3.000in/76.2mm	36
11M	3.465in/88.0mm	10	230376	3.000in/76.2mm	36	30R	3.484in/88.4mm	36
11M	3.484in/88.4mm	34	230376	3.484in/88.4mm	36	30R	3.484in/88.5mm	36



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
31-87	3.000in/76.2mm	36	3887114	3.766in/95.5mm	43	3967463	4.000in/101.6mm	43
31-87	3.484in/88.4mm	36	3887114	3.766in/95.7mm	43	3975945	4.000in/101.6mm	43
31-87	3.484in/88.5mm	36	3887114	4.000in/101.6mm	43	398261	3.385in/86.0mm	40
310514	3.000in/76.2mm	36	388766	3.385in/86.0mm	40	398621	3.385in/86.0mm	40
310514	3.484in/88.4mm	36	390	3.000in/76.2mm	16	3A	2.972in/75.5mm	2
310514	3.484in/88.5mm	36	390275	3.385in/86.0mm	40	3AC	2.972in/75.5mm	2
31M	3.000in/76.2mm	36	3904815	3.766in/95.5mm	43	3AH	2.972in/75.5mm	2
31M	3.484in/88.4mm	36	3904815	3.766in/95.7mm	43	3B	2.972in/75.5mm	2
31M	3.484in/88.5mm	36	3904815	4.000in/101.6mm	43	3E	2.972in/75.5mm	2
3279	3.000in/76.2mm	36	3904816	3.766in/95.5mm	43	3H	2.972in/75.5mm	2
3279	3.484in/88.4mm	36	3904816	3.766in/95.7mm	43	3KC	2.972in/75.5mm	2
3279	3.484in/88.5mm	36	3904816	4.000in/101.6mm	43	3SF	2.972in/75.5mm	2
3281N	3.000in/76.2mm	36	3911000	3.000in/76.2mm	36	418882	3.385in/86.0mm	40
3281N	3.484in/88.4mm	36	3911000	3.484in/88.4mm	36	4568749	3.000in/76.2mm	36
3281N	3.484in/88.5mm	36	3911000	3.484in/88.5mm	36	4568749	3.484in/88.4mm	36
329880N	3.000in/76.2mm	36	3911001	3.000in/76.2mm	36	4568749	3.484in/88.5mm	36
329880N	3.484in/88.4mm	36	3911001	3.484in/88.4mm	36	4577	3.000in/76.2mm	36
329880N	3.484in/88.5mm	36	3911001	3.484in/88.5mm	36	4577	3.484in/88.4mm	36
3520090	3.307in/84.0mm	38	3911011	3.000in/76.2mm	36	4577	3.484in/88.5mm	36
3520090	3.622in/92.0mm	38	3911011	3.484in/88.4mm	36	4672	3.000in/76.2mm	36
3521	4.000in/101.6mm	43	3911011	3.484in/88.5mm	36	4672	3.484in/88.4mm	36
353039	4.000in/101.6mm	43	391101A	3.000in/76.2mm	36	4672	3.484in/88.5mm	36
354431	3.000in/76.2mm	36	391101A	3.484in/88.4mm	36	4993111	3.000in/76.2mm	16
354431	3.484in/88.4mm	36	391101A	3.484in/88.5mm	36	504	2.992in/76.0mm	23
354431	3.484in/88.5mm	36	3912335	3.000in/76.2mm	36	504	3.307in/84.0mm	23
359730	4.000in/101.6mm	43	3912335	3.484in/88.4mm	36	556607	3.385in/86.0mm	40
3732444	3.000in/76.2mm	36	3912335	3.484in/88.5mm	36	6-H	3.031in/77.0mm	1
3732444	3.484in/88.4mm	36	3914681	3.000in/76.2mm	36	6223	3.766in/95.5mm	43
3732444	3.484in/88.5mm	36	3914681	3.484in/88.4mm	36	6223	3.766in/95.7mm	43
3804816	3.766in/95.5mm	43	3914681	3.484in/88.5mm	36	6223	4.000in/101.6mm	43
3804816	3.766in/95.7mm	43	3914682	3.000in/76.2mm	36	684	3.000in/76.2mm	16
3804816	4.000in/101.6mm	43	3914682	3.484in/88.4mm	36	6M	3.031in/77.0mm	1
381	3.000in/76.2mm	16	3914682	3.484in/88.5mm	36	7115	3.766in/95.5mm	43
381269	3.385in/86.0mm	40	3930809	3.000in/76.2mm	36	7115	3.766in/95.7mm	43
381919	3.385in/86.0mm	40	3930809	3.484in/88.4mm	36	7115	4.000in/101.6mm	43
3832442	3.000in/76.2mm	36	3930809	3.484in/88.5mm	36	7243N	3.031in/77.0mm	1
3832442	3.484in/88.4mm	36	3932444	3.000in/76.2mm	36	726N	3.484in/88.4mm	34
3832442	3.484in/88.5mm	36	3932444	3.484in/88.4mm	36	7416	4.000in/101.6mm	43
3836144	3.766in/95.5mm	43	3932444	3.484in/88.5mm	36	74TM	3.031in/77.0mm	1
3836144	3.766in/95.7mm	43	393654	3.385in/86.0mm	40	76TM	3.031in/77.0mm	1
3836144	4.000in/101.6mm	43	3941172	3.000in/76.2mm	36	771	3.000in/76.2mm	16
3863144	3.766in/95.5mm	43	3941172	3.484in/88.4mm	36	777	3.000in/76.2mm	16
3863144	3.766in/95.7mm	43	3941172	3.484in/88.5mm	36	77A	3.031in/77.0mm	1
3863144	4.000in/101.6mm	43	3941174	3.000in/76.2mm	36	78TM	3.031in/77.0mm	1
3874874	3.766in/95.5mm	43	3941174	3.484in/88.4mm	36	78TM-CA	3.031in/77.0mm	1
3874874	3.766in/95.7mm	43	3941174	3.484in/88.5mm	36	7HA	3.031in/77.0mm	1
3874874	4.000in/101.6mm	43	3941180	3.766in/95.5mm	43	7HA-6303	3.031in/77.0mm	1
3882842	3.766in/95.5mm	43	3941180	3.766in/95.7mm	43	81-K	3.031in/77.0mm	1
3882842	3.766in/95.7mm	43	3941180	4.000in/101.6mm	43	817	3.307in/84.0mm	23
3882842	4.000in/101.6mm	43	3941184	3.000in/76.2mm	36	82TM	3.465in/88.0mm	10
3882847	3.766in/95.5mm	43	3941184	3.484in/88.4mm	36	82TM-HAA	3.465in/88.0mm	10
3882847	3.766in/95.7mm	43	3941184	3.484in/88.5mm	36	851M	3.465in/88.0mm	10
3882847	4.000in/101.6mm	43	3942411	3.766in/95.5mm	43	86TM-BA	3.465in/88.0mm	10
3882848	3.766in/95.5mm	43	3942411	3.766in/95.7mm	43	887652N	3.465in/88.0mm	10
3882848	3.766in/95.7mm	43	3942411	4.000in/101.6mm	43	88TM-BA	3.465in/88.0mm	10
3882848	4.000in/101.6mm	43	395654	3.385in/86.0mm	40	8F28	3.465in/88.0mm	10
3882849	3.766in/95.5mm	43	3962523	4.000in/101.6mm	43	8HA	3.465in/88.0mm	10
3882849	3.766in/95.7mm	43	3963523	4.000in/101.6mm	43	8HA-6303	3.465in/88.0mm	10
3882849	4.000in/101.6mm	43	3963524	4.000in/101.6mm	43	8MTH	3.465in/88.0mm	10



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
90-21-0	3.031in/77.0mm	1	91H-6303-B	3.031in/77.0mm	1	K-N	3.543in/90.0mm	3
90003C	3.465in/88.0mm	10	91K	3.031in/77.0mm	1	KN	3.543in/90.0mm	3
90TM-AA	3.031in/77.0mm	1	91TM-AA	3.031in/77.0mm	1	N353039	4.000in/101.6mm	43
90TM-AB	3.031in/77.0mm	1	981	3.307in/84.0mm	23	N853039	4.000in/101.6mm	43
9115	3.766in/95.5mm	43	C2OZ-B	3.385in/86.0mm	8	N853638	4.000in/101.6mm	43
9115	3.766in/95.7mm	43	C3AF-N	3.385in/86.0mm	8	OK	3.543in/90.0mm	3
9115	4.000in/101.6mm	43	C3OE-B	3.385in/86.0mm	8	R9028036	3.385in/86.0mm	8
9166N	3.031in/77.0mm	1	C3OZ	3.385in/86.0mm	8	R90280395	3.385in/86.0mm	8
91A-6303-A	3.031in/77.0mm	1	C3OZ-B	3.385in/86.0mm	8	R90280399	3.385in/86.0mm	8
91A-6303-B	3.031in/77.0mm	1	K-101	3.031in/77.0mm	1			

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
3 CYL								
1	61 CID (1.0L) SOHC 6V L3 Suzuki LP2 VIN Code: '6' (1990-2001)			2.913"/74.0mm x 3.031"/77.0mm				1
	61 CID (1.0L) SOHC 6V Turbo. L3 Suzuki LS3 VIN Code: '2' (1990-1991)			2.913"/74.0mm x 3.031"/77.0mm				
Rod Bearing (3)	AL-3	CB-1401AL	STD,.25mm,.50mm,.75mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Main Bearing Set 1-2-3-4	AL-3	MS-1708AL MB-3172AL	STD,.25mm,.50mm	1.7717/1.7724	0.0008/0.0027	0.0787	1.9291/1.9298	0.7080
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-455S								
Thrust Washer Set		TW-455S MB-3172W	STD	2.0472			2.6772	0.0990
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1708AL								
Crankshaft Forging	6-H, 6M, 7243N, 74TM, 76TM, 77A, 78TM, 78TM-CA, 7HA, 7HA-6303, 81-K, 90-21-0, 90TM-AA, 90TM-AB, 9166N, 91A-6303-A, 91A-6303-B, 91H-6303-B, 91K, 91TM-AA, K-101							
4 CYL								
2	79 CID (1.3L) SOHC 8V L4 Suzuki L72 VIN Code: '9' (1992-1997)			2.913"/74.0mm x 2.972"/75.5mm				2
	79 CID (1.3L) SOHC 16V L4 Suzuki LY8 VIN Code: '2' (1998-2001)			2.913"/74.0mm x 2.972"/75.5mm				
Rod Bearing (4)	AL-3	CB-1401AL	STD,.25mm,.50mm,.75mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Main Bearing Set 1-2-3-4-5	AL-3	MS-1779AL MB-3172AL	STD,.25mm,.50mm	1.7717/1.7724	0.0008/0.0027	0.0787	1.9291/1.9298	0.7080
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-455S								
Thrust Washer Set		TW-455S MB-3172W	STD	2.0472			2.6772	0.0990
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1779AL								
Crankshaft Forging	3A, 3AC, 3AH, 3B, 3E, 3H, 3KC, 3SF							



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
3	97 CID (1.6L) SOHC 16V L4 Suzuki LO1 VIN Code: '6' (1994-2002)			2.953"/75.0mm x 3.543"/90.0mm				3
	97 CID (1.6L) SOHC 8V L4 Suzuki LS5 VIN Code: 'U' (1990-1995)			2.953"/75.0mm x 3.543"/90.0mm				
Rod Bearing (4)	AL-3	CB-1477AL	STD,.25mm,.50mm,.75mm	1.7316/1.7325	0.0008/0.0031	0.0591	1.8504/1.8513	0.7130
Main Bearing Set 1-2-3-4-5	AL-3	MS-1820AL MB-3209AL	STD,.25mm	2.0468/2.0472	0.0012/0.0025	0.0792	2.2047/2.2054	0.7130
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-478S								
Thrust Washer Set		TW-478S MB-3209W	STD	2.3327/2.3333			2.9531	0.0990
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1820AL								
Crankshaft Forging K-N, KN, OK								
4	98 CID (1.6L) DOHC 16V L4 Toyota LO1 VIN Code: '6' (1990-1997)			3.189"/81.0mm x 3.031"/77.0mm				4
	98 CID (1.6L) DOHC 16V L4 Toyota LW0 VIN Code: '5' (1990-1992)			3.189"/81.0mm x 3.031"/77.0mm				
Rod Bearing (4)	TM-1	CB-1474P	STD,.25mm,.50mm	1.6529/1.6535	0.0008/0.0032	0.0587	1.7717/1.7726	0.6690
Main Bearing Set 1-2-3-4-5	AL-3	MS-2211AL MB-3764AL	STD,.25mm,.50mm,.75mm	1.8892/1.8898	0.0007/0.0033	0.0789	2.0480/2.0492	0.7874
NOTE: Contains Partial Grooved Main Bearings Requires Thrust Washer Set, Not Included Use with Part Number TW-401S								
Thrust Washer Set		TW-401S MB-2965W(L) MB-2965W(U)	STD	2.1102/2.1220 2.1102/2.1220			2.5827/2.5945 2.5827/2.5945	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2211AL								
5	98 CID (1.6L) SOHC 12V L4 Isuzu LO1 VIN Code: '6' (1990-1993)			3.150"/80.0mm x 3.110"/79.0mm				5
	98 CID (1.6L) DOHC 16V L4 Isuzu LW0 VIN Code: '5' (1990-1991)			3.150"/80.0mm x 3.110"/79.0mm				
Rod Bearing (4)	TM-1	CB-1478P	STD,.25mm,.50mm	1.5726/1.5734	0.0008/0.0025	0.0591	1.6922/1.6929	0.6690
6	108 CID (1.8L) DOHC 16V L4 Toyota LV6 VIN Code: '8' (1993-1997)			3.189"/81.0mm x 3.366"/85.5mm				6
Rod Bearing (4)	AL-3	CB-1786AL	STD,.25mm,.50mm	1.8892/1.8898	0.0008/0.0026	0.0587	2.0075/2.0079	0.6693
Main Bearing Set 1-2-3-4-5	AL-3	MS-2211AL MB-3764AL	STD,.25mm,.50mm,.75mm	1.8892/1.8898	0.0007/0.0033	0.0789	2.0480/2.0492	0.7874
NOTE: Contains Partial Grooved Main Bearings Requires Thrust Washer Set, Not Included Use with Part Number TW-401S								
Thrust Washer Set		TW-401S MB-2965W(L) MB-2965W(U)	STD	2.1102/2.1220 2.1102/2.1220			2.5827/2.5945 2.5827/2.5945	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2211AL								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
7	110 CID (1.8L) DOHC 16V L4 Toyota LV6 VIN Code: '8' (1998-2008)			3.110"/79.0mm x 3.600"/91.5mm				7
Rod Bearing (4)	AL-3	CB-1863AL	STD,.25mm,.50mm	1.7320/1.7323	0.0012/0.0034	0.0587	1.8504/1.8513	0.6142
Main Bearing Set 1-2-3-4-5	AL-3	MS-2267AL MB-3897AL	STD,.25mm,.50mm	1.8892/1.8898	0.0005/0.0028	0.0786	2.0472/2.0479	0.6693
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-683S								
Thrust Washer Set		TW-683S MB-3903W	STD	2.0965			2.7461	0.0976
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2267AL								
8	122 CID (2.0L) SOHC 8V L4 Pontiac VIN Codes: 'H [LE4]' (1992-1994), 'K [LT2]' (1990-1991)			3.386"/86.0mm x 3.385"/86.0mm				8
	122 CID (2.0L) SOHC 8V Turbo. L4 Pontiac VIN Code: 'M' (1990)			3.386"/86.0mm x 3.385"/86.0mm				
Rod Bearing (4)	TM-77	CB-1408P	STD,.25mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
Main Bearing Set 1-2-4-5 3	TM-1	MS-2068P MB-2791P MB-3565P(F)	STD,.25mm,.50mm	2.2828/2.2833	0.0009/0.0025	0.0780	2.4409/2.4415	0.7580 2.2828/2.2833 0.0009/0.0025 0.0780 2.4409/2.4415 1.0190
Crankshaft Forging C2OZ-B, C3AF-N, C3OE-B, C3OZ, C3OZ-B, R9028036, R90280395, R90280399								
9	122 CID (2.0L) DOHC 16V SC L4 Ecotec VIN Code: 'P [LSJ]' (2005-2007)			3.386"/86.0mm x 3.385"/86.0mm				9
	122 CID (2.0L) DOHC 16V Turbo. L4 Ecotec VIN Code: 'X [LNF]' (2007-2009)			3.386"/86.0mm x 3.385"/86.0mm				
Rod Bearing (4)	AL-5	CB-1827AL	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Rod Bearing (4)	AL-5	CB-1828AL-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-3-4-5 2	AL-5	MS-2232AL MB-3824AL MB-3825AL(F)	STD,10,20,30	2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795 2.2044/2.2050 0.0008/0.0025 0.1591 2.5223/2.5229 1.0417
10	134 CID (2.2L) 8V L4 VIN Codes: '4 [LN2]' (1992-2002), 'G [LM3]' (1990-1991)			3.504"/89.0mm x 3.465"/88.0mm				10
	134 CID (2.2L) 8V L4 Vortec VIN Codes: '4 [LN2]' (1994-2000), '5 [L43]' (2000-2002), 'H [LN2]' (2003)			3.504"/89.0mm x 3.465"/88.0mm				
Rod Bearing (4)	AL-5	CB-745A	STD•,10•,20•,30•	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Rod Bearing (4)	TM-77	CB-745P	STD,1,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Rod Bearing (4)	AL-5	CB-1853A-10	20•,30•	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-5 3 4	AL-5	MS-2205A MB-2854A MB-3749A MB-2883A(F)	STD•,10•,20•,30•	2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420 2.4944/2.4954 0.0006/0.0036 0.0955 2.6870/2.6880 0.8190 2.4944/2.4954 0.0009/0.0039 0.0955 2.6870/2.6880 0.9420
For Year(s): 1998-2003								
Main Bearing Set 1-2-5 3 4	TM-77	MS-2205P MB-2854P MB-3749P MB-2883P(F)	STD,10,20,30	2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420 2.4944/2.4954 0.0006/0.0036 0.0955 2.6870/2.6880 0.8190 2.4944/2.4954 0.0009/0.0039 0.0955 2.6870/2.6880 0.9420
For Year(s): 1998-2003								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
10 (cont.)	134 CID (2.2L) 8V L4 VIN Codes: '4 [LN2]' (1992-2002), 'G [LM3]' (1990-1991)			3.504"/89.0mm x 3.465"/88.0mm				10 (cont.)
	134 CID (2.2L) 8V L4 Vortec VIN Codes: '4 [LN2]' (1994-2000), '5 [L43]' (2000-2002), 'H [LN2]' (2003)			3.504"/89.0mm x 3.465"/88.0mm				
Main Bearing Set 1-2-3-5 4	AL-5	MS-1704A MB-2854A MB-2883A(F)	STD,•10•,20•,30•	2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0009/0.0039	0.0955 0.0955	2.6870/2.6880 2.6870/2.6880	0.7420 0.9420
For Year(s): 1990-1997								
Main Bearing Set 1-2-3-5 4	TM-77	MS-1704P MB-2854P MB-2883P(F)	STD,10,20,30	2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0009/0.0039	0.0955 0.0955	2.6870/2.6880 2.6870/2.6880	0.7420 0.9420
For Year(s): 1990-1997								
Cam Bearing Set 1 2-5 3-4	B-1	SH-1365S SH-1365 SH-1364 SH-1363	STD	1.8677/1.8697 1.8677/1.8697 1.8677/1.8697	0.0010/0.0062 0.0012/0.0053 0.0011/0.0057	0.0741 0.0691 0.0640	2.0189/2.0209 2.0091/2.0100 1.9988/2.0002	0.6300 0.6300 0.6350
Crankshaft Forging	003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, 82TM, 82TM-HAA, 851M, 86TM-BA, 887652N, 88TM-BA, 8F28, 8HA, 8HA-6303, 8MTH, 90003C							
11	134 CID (2.2L) DOHC 16V L4 Ecotec VIN Codes: '6 [L42]' (2003-2004), 'D [L61]' (2006-2008), 'F [L61]' (2002-2008) 'H [LAP]' (2009-2010)			3.386"/86.0mm x 3.724"/94.6mm				11
Rod Bearing (4)	AL-5	CB-1827AL	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Rod Bearing (4)	AL-5	CB-1828AL-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-3-4-5 2	AL-5	MS-2232AL MB-3824AL MB-3825AL(F)	STD,10,20,30	2.2044/2.2050 2.2044/2.2050	0.0013/0.0031 0.0008/0.0025	0.1589 0.1591	2.5223/2.5229 2.5223/2.5229	0.7795 1.0417
Balance Shaft Bearing Set Rear	AL-3	SH-2002S SH-2002	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
For Year(s): 2002-2008								
Piston Pin Bushing (4)	C-1	223-3670	STD	0.7872/0.7874	0.0003/0.0008		0.8720/0.8725	0.9250
NOTE: Requires Boring								
12	138 CID (2.3L) SOHC 8V L4 Quad 4 VIN Code: '3 [L40]' (1992-1994)			3.622"/92.0mm x 3.346"/85.0mm				12
Rod Bearing (4)	TM-77	CB-1388P	STD,.,25mm,.,50mm	1.8887/1.8897	0.0005/0.0020	0.0623	2.0144/2.0154	0.8960
Main Bearing Set 1-2-4-5 3	TM-77	MS-1703P MB-3084P MB-3085P(F)	STD,.,25mm,.,50mm	2.0470/2.0480 2.0470/2.0480	0.0005/0.0020 0.0005/0.0020	0.0936 0.0936	2.2352/2.2362 2.2352/2.2362	0.8370 1.0930
Crankshaft Forging 2253120								
13	138 CID (2.3L) DOHC 16V L4 Quad 4 VIN Codes: 'A [LG0]' (1990-1994), 'D [LD2]' (1990-1995)			3.622"/92.0mm x 3.346"/85.0mm				13
Rod Bearing (4)	TM-77	CB-1388P	STD,.,25mm,.,50mm	1.8887/1.8897	0.0005/0.0020	0.0623	2.0144/2.0154	0.8960
Main Bearing Set 1-2-4-5 3	TM-77	MS-1703P MB-3084P MB-3085P(F)	STD,.,25mm,.,50mm	2.0470/2.0480 2.0470/2.0480	0.0005/0.0020 0.0005/0.0020	0.0936 0.0936	2.2352/2.2362 2.2352/2.2362	0.8370 1.0930
Balance Shaft Bearing Set 1-2-3-4-5	AL-3	SH-1817S SH-1817	STD	1.1801/1.1811	0.0004/0.0029	0.0593	1.3002/1.3012	0.7920
For Year(s): 1995								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
13 (cont.)	138 CID (2.3L) DOHC 16V L4 Quad 4 VIN Codes: 'A [LG0]' (1990-1994), 'D [LD2]' (1990-1995)			3.622"/92.0mm x 3.346"/85.0mm				13 (cont.)
Piston Pin	C-1	223-3648	STD			0.1008		0.8563
Bushing (4) For Year(s): 1990-1991 NOTE: Requires Light Reaming								
Crankshaft Forging 2253120								
14	145 CID (2.4L) DOHC 16V L4 Ecotec VIN Codes: '0 [LE9]' (2010), 'B [LE5]' (2006-2010), 'C [LAF]' (2010), 'P [LE5]' (2006-2008) 'V [LE9]' (2009-2010), 'W [LAF]' (2010)			3.464"/88.0mm x 3.850"/98.0mm				14
145 CID (2.4L) DOHC 16V L4 Ecotec Hybrid VIN Code: '5 [LAT]' (2008-2009)								
Rod Bearing (4)	AL-5	CB-1827AL	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Rod Bearing (4)	AL-5	CB-1828AL-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2232AL	STD,10,20,30					
1-3-4-5		MB-3824AL		2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795
2		MB-3825AL(F)		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417
Balance Shaft Bearing Set	AL-3	SH-2002S	STD					
Rear		SH-2002		1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
15	146 CID (2.4L) DOHC 16V L4 Oldsmobile VIN Code: 'T [LD9]' (1996-2002)			3.543"/90.0mm x 3.700"/94.0mm				15
Rod Bearing (4)	AL-5	CB-1647A	STD, .25mm, .50mm, .75mm	1.8888/1.8898	0.0009/0.0034	0.0623	2.0144/2.0155	0.7200
Rod Bearing (4)	TM-77	CB-1647P	STD, .25mm, .50mm, .75mm	1.8888/1.8898	0.0009/0.0034	0.0623	2.0144/2.0155	0.7200
Main Bearing Set	AL-5	MS-2056A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-3514A		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	0.7870
3		MB-3515A(F)		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	1.0920
Main Bearing Set	TM-77	MS-2056P	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-3514P		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	0.7870
3		MB-3515P(F)		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	1.0920
Balance Shaft Bearing Set	AL-3	SH-1817S	STD					
1-2-3-4-5		SH-1817		1.1801/1.1811	0.0004/0.0029	0.0593	1.3002/1.3012	0.7920
16	151 CID (2.5L) 8V L4 Pontiac VIN Codes: 'A [L38]' (1991-1993), 'E [LN8]' (1990-1991), 'R [LR8]' (1990-1992) 'U [L68]' (1990-1991)			4.000"/101.6mm x 3.000"/76.2mm				16
Rod Bearing (4)	AL-5	CB-610A	STD, .10, .20, .30	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Rod Bearing (4)	TM-77	CB-610P	STD, .1, .10, .20, .30, .40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Rod Bearing (4)	AL-5	CB-1878A-10	20, .30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1733A	STD, .10, .20, .30					
1-2-3-4		MB-3135A		2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
FOR VIN(S): A,E,R								
Main Bearing Set	TM-77	MS-1733P	STD, 10, 20, 30, 40					
1-2-3-4		MB-3135P		2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
FOR VIN(S): A,E,R								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
16 (cont.)	151 CID (2.5L) 8V L4 Pontiac			4.000"/101.6mm x 3.000"/76.2mm				16 (cont.)
VIN Codes: 'A [L38]' (1991-1993), 'E [LN8]' (1990-1991), 'R [LR8]' (1990-1992) 'U [L68]' (1990-1991)								
Main Bearing Set 1-2-3-4 5	TM-77	MS-1643P MB-3135P MB-3011P(F)	STD,10,20	2.2983/2.2993 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 0.9421
For Year(s): 1990-1991 FOR VIN(S): U								
Cam Bearing Set 1-2-3	B-1	SH-1030S SH-400	STD	1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.8700
FOR VIN(S): A,E,R								
Cam Bearing Set 1-2-3	B-1	SH-1305S SH-1305	STD	1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.7280
For Year(s): 1990-1991 FOR VIN(S): U								
Crankshaft Forging 017, 381, 390, 4993111, 684, 771, 777								
17	169 CID (2.8L) DOHC 16V L4			3.661"/93.0mm x 4.016"/102.0mm				17
VIN Code: '8 [LK5]' (2004-2006)								
Rod Bearing (4)	AL-5	CB-1811A	STD•,10•,20•,30•	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (4)	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (4)	AL-5	CB-1816A-10	20•,30•	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (4)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-3	MS-2249AL MB-3781A MB-3782A(F)	STD,10,20,30•	2.7546/2.7552 2.7546/2.7552	0.0003/0.0020 0.0003/0.0020	0.1592	3.0736/3.0743	0.8141 0.9980
Cam Bearing Set Left Center Left Front Right Center Right Front	AL-3	SH-2000S SH-2008 SH-2007 SH-2009 SH-2010	STD				1.8951/1.8959 1.8668/1.8675 1.6249/1.6257 1.5965/1.5973	0.8740 0.8740 0.8740 0.8740
Piston Pin Bushing (4)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
NOTE: Requires Light Reaming								
Piston Pin Bushing (4)	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350
NOTE: Requires Boring								
18	178 CID (2.9L) DOHC 16V L4			3.760"/95.5mm x 4.000"/101.6mm				18
VIN Code: '9 [LLV]' (2007-2010)								
Rod Bearing (4)	AL-5	CB-1882A	STD•,10•,20•,30•	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Rod Bearing (4)	AL-5	CB-1883A-10	20•,30•	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-3	MS-2249AL MB-3781A MB-3782A(F)	STD,10,20,30•	2.7546/2.7552 2.7546/2.7552	0.0003/0.0020 0.0003/0.0020	0.1592	3.0736/3.0743	0.8141 0.9980
Cam Bearing Set Left Center Left Front Right Center Right Front	AL-3	SH-2000S SH-2008 SH-2007 SH-2009 SH-2010	STD				1.8951/1.8959 1.8668/1.8675 1.6249/1.6257 1.5965/1.5973	0.8740 0.8740 0.8740 0.8740



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
19	239 CID (3.9L) 8V Turbo. L4 Isuzu Series 4B 4BD1T DIESEL			4.016"/102.0mm x 4.646"/118.0mm				19
VIN Code: 'L' (1990-1991)								
Rod Bearing (4)	TM-1	CB-1095P	STD, .25mm, .50mm, .75mm	2.5165/2.5175	0.0012/0.0029	0.0793	2.6770/2.6778	1.1730
Main Bearing Set 1-2-4-5 3	TM-1	MS-1752P MB-3148P MB-3149P	STD, .25mm, .50mm	3.1464/3.1471 3.1464/3.1471	0.0013/0.0034 0.0013/0.0034	0.0991	3.3464/3.3472 3.3464/3.3472	1.0500 1.0500
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-368S								
Thrust Washer Set		TW-368S MB-2851W(L) MB-2851W(U)	STD	3.4646 3.4646			3.9764 3.9764	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-1752P								
Cam Bearing Set 1 2-3	B-1	SH-1431S SH-905 SH-906	STD	2.2023/2.2035 2.2023/2.2035	0.0012/0.0035 0.0012/0.0035	0.0785	2.3634/2.3640 2.3634/2.3640	0.7870 0.7870
5 CYL								
20	211 CID (3.5L) DOHC 20V L5			3.661"/93.0mm x 4.016"/102.0mm				20
VIN Code: '6 [L52]' (2004-2006)								
Rod Bearing (5)	AL-5	CB-1811A	STD, .10, .20, .30	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (5)	TM-77	CB-1811P	STD, 10, 20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (5)	AL-5	CB-1816A-10	20, .30	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (5)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-5-6 4	AL-3	MS-2250AL MB-3781A MB-3782A(F)	STD, 10, 20, 30	2.7546/2.7552 2.7546/2.7552	0.0003/0.0020 0.0003/0.0020	0.1592	3.0736/3.0743 3.0736/3.0743	0.8141 0.9980
Cam Bearing Set Left Center Left Front Right Center Right Front	AL-3	SH-2000S SH-2008 SH-2007 SH-2009 SH-2010	STD				1.8951/1.8959 1.8668/1.8675 1.6249/1.6257 1.5965/1.5973	0.8740 0.8740 0.8740 0.8740
Piston Pin Bushing (5)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
NOTE: Requires Light Reaming								
Piston Pin Bushing (5)	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350
NOTE: Requires Boring								
21	223 CID (3.7L) DOHC 20V L5			3.760"/95.5mm x 4.020"/102.0mm				21
VIN Code: 'E [LLR]' (2007-2010)								
Rod Bearing (5)	AL-5	CB-1882A	STD, .10, .20, .30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Rod Bearing (5)	AL-5	CB-1883A-10	20, .30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-5-6 4	AL-3	MS-2250AL MB-3781A MB-3782A(F)	STD, 10, 20, 30	2.7546/2.7552 2.7546/2.7552	0.0003/0.0020 0.0003/0.0020	0.1592	3.0736/3.0743 3.0736/3.0743	0.8141 0.9980

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
5 CYL (cont.)								
21 (cont.)	223 CID (3.7L) DOHC 20V L5 VIN Code: 'E [LLR]' (2007-2010)			3.760"/95.5mm x 4.020"/102.0mm				21 (cont.)
Cam Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
6 CYL								
22	170 CID (2.8L) DOHC 24V V6 VIN Code: 'T [LP1]' (2005-2007)			3.500"/89.0mm x 2.940"/74.8mm				22
	182 CID (3.0L) DOHC 24V V6 VIN Codes: 'G [LF1]' (2010), 'Y [LF1]' (2010)			3.500"/89.0mm x 3.160"/80.2mm				
	217 CID (3.6L) DOHC 24V V6 VIN Codes: '7 [LY7]' (2004-2010), 'D [LLT]' (2009-2010), 'V [LLT]' (2008-2010)			3.700"/94.0mm x 3.370"/85.6mm				
Rod Bearing (6)	AL-5	CB-1877A	STD•.10•.20•	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
Rod Bearing (6)	AL-5	CB-1879A-10	20•	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2276A	STD•.10•.20•					
1-2-4		MB-3886A		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776
3		MB-3887A(F)		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563
23	173 CID (2.8L) 12V V6 Chevrolet VIN Code: 'R [LL2]' (1990-1993)			3.500"/88.9mm x 2.992"/76.0mm				23
	189 CID (3.1L) 12V V6 Chevrolet VIN Codes: 'D [LG6]' (1990-1995), 'J [LG8]' (1999-2005), 'M [L82]' (1993-1999) 'T [LH0]' (1990-1994), 'W [L64]' (1993)			3.504"/89.0mm x 3.307"/84.0mm				
	189 CID (3.1L) 12V Turbo. V6 Chevrolet VIN Code: 'V' (1990)			3.504"/89.0mm x 3.307"/84.0mm				
	207 CID (3.4L) 12V V6 Chevrolet VIN Codes: 'E [LA1]' (1996-2005), 'S [L32]' (1993-1995)			3.622"/92.0mm x 3.307"/84.0mm				
Rod Bearing (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	TM-77	CB-1238P	STD,.026mm,.25mm .50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	AL-5	CB-1797A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2037A	STD,.25mm,.50mm,.75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3513A(F) (To Be Replaced By MS-2273A)		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9420
Main Bearing Set	TM-77	MS-2037P	STD,.25mm,.50mm,.75mm					
1-4		MB-3511P		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512P		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3513P(F) (To Be Replaced By MS-2273A)		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9420
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm•					
1-4		MB-3511A	.75mm•	2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6479	0.0004/0.0032	0.0959	2.8407/2.8412	0.9420



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL (cont.)									
23 (cont.)	173 CID (2.8L) 12V V6 Chevrolet			3.500"/88.9mm x 2.992"/76.0mm					23 (cont.)
	VIN Code: 'R [LL2]' (1990-1993)								
	189 CID (3.1L) 12V V6 Chevrolet			3.504"/89.0mm x 3.307"/84.0mm					
	VIN Codes: 'D [LG6]' (1990-1995), 'J [LG8]' (1999-2005), 'M [L82]' (1993-1999) 'T [LH0]' (1990-1994), 'W [L64]' (1993)								
189 CID (3.1L) 12V Turbo. V6 Chevrolet			3.504"/89.0mm x 3.307"/84.0mm						
VIN Code: 'V' (1990)									
207 CID (3.4L) 12V V6 Chevrolet			3.622"/92.0mm x 3.307"/84.0mm						
VIN Codes: 'E [LA1]' (1996-2005), 'S [L32]' (1993-1995)									
Cam Bearing Set	B-1	SH-1364S	STD,80						
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300	
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350	
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300	
NOTE: SH-1364S-80 Contains .080" Oversize Outside Diameter Bearings									
Crankshaft Forging		264, 504, 817, 981							
24	181 CID (3.0L) DOHC 24V V6 Opel			3.390"/86.0mm x 3.350"/85.0mm					24
	VIN Code: 'R [L81]' (1997-2001)								
197 CID (3.2L) DOHC 24V V6 Cadillac			3.440"/87.4mm x 3.460"/87.9mm						
VIN Code: 'N [LA3]' (2003-2004)									
Rod Bearing (6)	AL-3	CB-1851AL	STD,.25mm	2.1248/2.1256	0.0005/0.0024	0.0589	2.2441/2.2446	0.6417	
Main Bearing Set	AL-3	MS-2270AL	STD,.25mm						
1		MB-3888AL		2.6763/2.6770	0.0006/0.0017	0.0785	2.8346/2.8352	0.7913	
2-3		MB-3889AL		2.6763/2.6770	0.0006/0.0017	0.0785	2.8346/2.8352	0.6693	
4		MB-3890AL(F)		2.6763/2.6770	0.0006/0.0017	0.0785	2.8346/2.8352	0.9646	
25	204 CID (3.3L) 12V V6 Buick			3.701"/94.0mm x 3.160"/80.3mm					25
	VIN Code: 'N [LG7]' (1990-1993)								
Rod Bearing (6)	AL-5	CB-1443A	STD,10,20,30*	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210	
For Year(s): 1991-1993									
Rod Bearing (6)	TM-77	CB-1443P	STD,10,20,30	2.2487/2.2499	0.0010/0.0035	0.0619	2.3738/2.3745	0.7210	
For Year(s): 1991-1993									
Rod Bearing (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210	
For Year(s): 1991-1993									
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Rod Bearing (6)	TM-77	CB-1228P	STD,1,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590	
For Year(s): 1990									
Main Bearing Set	TM-77	MS-1822P	STD,10,20						
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690	
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580	
4		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690	
For Year(s): 1991-1993									
Main Bearing Set	TM-77	MS-960P	STD,10,20,30						
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690	
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580	
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690	
For Year(s): 1990									
Cam Bearing Set	B-1	SH-1448S	STD						
1-4		SH-1448		1.7850/1.7860	0.0009/0.0051	0.0743	1.9355/1.9375	0.7550	
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250	
Crankshaft Forging		1235413							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
26	204 CID (3.4L) 12V V6 Chevrolet			3.622"/92.0mm x 3.307"/84.0mm				26
VIN Code: 'F [LNJ]' (2005-2009)								
Rod Bearing (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	TM-77	CB-1238P	STD,.026mm,.25mm .50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	AL-5	CB-1797A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm•	2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.9770 2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.7380 2.6473/2.6479 0.0004/0.0032 0.0959 2.8407/2.8412 0.9420				
1-4		MB-3511A	.75mm•					
2		MB-3512A						
3		MB-3881A(F)						
Cam Bearing Set	B-1	SH-2121S	STD	2.0242/2.0252 0.0010/0.0052 0.0747 2.1756/2.1776 0.9100 2.0242/2.0252 0.0011/0.0053 0.0646 2.1555/2.1575 0.6350 2.0242/2.0252 0.0010/0.0052 0.0747 2.1756/2.1776 0.6250				
1		SH-2121						
2-3		SH-2122						
4		SH-2123						
For Year(s): 2007-2009								
Cam Bearing Set	B-1	SH-1364S	STD,80	1.8677/1.8697 0.0012/0.0053 0.0691 2.0090/2.0110 0.6300 1.8677/1.8697 0.0011/0.0057 0.0640 1.9988/2.0002 0.6350 1.8677/1.8697 0.0012/0.0053 0.0691 2.0091/2.0100 0.6300				
1		SH-1362						
2-3		SH-1363						
4		SH-1364						
For Year(s): 2005-2006								
NOTE: SH-1364S-80 Contains .080" Oversize Outside Diameter Bearings								
27	207 CID (3.4L) DOHC 24V V6 Chevrolet			3.622"/92.0mm x 3.307"/84.0mm				27
VIN Code: 'X [LQ1]' (1991-1997)								
Rod Bearing (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	TM-77	CB-1238P	STD,.026mm,.25mm .50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	AL-5	CB-1797A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2037A	STD,.25mm,.50mm,.75mm	2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.9770 2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.7380 2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.9420				
1-4		MB-3511A						
2		MB-3512A						
3		MB-3513A(F)						
<i>(To Be Replaced By MS-2273A)</i>								
Main Bearing Set	TM-77	MS-2037P	STD,.25mm,.50mm,.75mm	2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.9770 2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.7380 2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.9420				
1-4		MB-3511P						
2		MB-3512P						
3		MB-3513P(F)						
<i>(To Be Replaced By MS-2273A)</i>								
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm•	2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.9770 2.6473/2.6479 0.0015/0.0036 0.0958 2.8407/2.8412 0.7380 2.6473/2.6479 0.0004/0.0032 0.0959 2.8407/2.8412 0.9420				
1-4		MB-3511A	.75mm•					
2		MB-3512A						
3		MB-3881A(F)						
28	213 CID (3.5L) 12V V6			3.701"/94.0mm x 3.310"/84.1mm				28
VIN Codes: '8 [LX9]' (2004-2006), 'L [LX9]' (2005-2007)								
Rod Bearing (6)	AL-5	CB-1874A	STD,.25mm•,.50mm• .75mm•	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Rod Bearing (6)	AL-5	CB-1875A-.25mm	.50mm•,.75mm•	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
28 (cont.)	213 CID (3.5L) 12V V6 VIN Codes: '8 [LX9]' (2004-2006), 'L [LX9]' (2005-2007)			3.701"/94.0mm x 3.310"/84.1mm				28 (cont.)
Main Bearing Set	AL-5	MS-2274A	STD,.25mm,.50mm•					
1		MB-3511A	.75mm•	2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6479	0.0004/0.0032	0.0959	2.8407/2.8412	0.9420
4		MB-3883P		2.6473/2.6483	0.0001/0.0041	0.0960	2.8400/2.8410	0.9750
For Year(s): 2006-2007								
NOTE: Contains Aluminum Bearings For Postions 1, 2, 3 And A TriMetal Bearing For Position Number 4								
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm•					
1-4		MB-3511A	.75mm•	2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6479	0.0004/0.0032	0.0959	2.8407/2.8412	0.9420
For Year(s): 2004-2005								
Cam Bearing Set	B-1	SH-1364S	STD,80					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
NOTE: SH-1364S-80 Contains .080" Oversize Outside Diameter Bearings								
29	214 CID (3.5L) DOHC 24V V6 Oldsmobile VIN Code: 'H [LX5]' (1999-2002)			3.523"/89.5mm x 3.622"/92.0mm				29
Rod Bearing (6)	TM-77	CB-1812P	STD,10,20	2.1829/2.1835	0.0001/0.0027	0.0722	2.3280/2.3290	0.7230
Rod Bearing (6)	TM-77	CB-1820P-10	20	2.1829/2.1835	0.0001/0.0027	0.0732	2.3300/2.3310	0.7230
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Piston Pin Bushing (6)	C-1	223-3662	STD			0.0670	0.9235/0.9247	0.8560
NOTE: Requires Light Reaming								
30	214 CID (3.5L) 12V V6 VIN Codes: 'K [LZE]' (2006-2008), 'N [LZ4]' (2006-2008)			3.900"/99.0mm x 2.990"/76.0mm				30
	237 CID (3.9L) 12V V6 VIN Codes: '1 [LZ9]' (2006-2009), '3 [LZG]' (2008), 'M [LGD]' (2009), 'R [LZ8]' (2007) 'W [LGD]' (2007-2008)			3.900"/99.0mm x 3.310"/84.0mm				
Rod Bearing (6)	AL-5	CB-1874A	STD,.25mm•,.50mm• .75mm•	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Rod Bearing (6)	AL-5	CB-1875A-.25mm.50mm•,.75mm•		2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2275A	STD,.25mm,.50mm•					
1		MB-3885A	.75mm•	2.6473/2.6483	0.0001/0.0033	0.0960	2.8400/2.8410	0.9750
2		MB-3884A		2.6473/2.6483	0.0001/0.0033	0.0960	2.8400/2.8410	0.7750
3		MB-3881A(F)		2.6473/2.6479	0.0004/0.0032	0.0959	2.8407/2.8412	0.9420
4		MB-3883P		2.6473/2.6483	0.0001/0.0041	0.0960	2.8400/2.8410	0.9750
NOTE: Contains Aluminum Bearings For Postions 1, 2, 3 And A TriMetal Bearing For Position Number 4								
Cam Bearing Set	B-1	SH-2121S	STD					
1		SH-2121		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.9100
2-3		SH-2122		2.0242/2.0252	0.0011/0.0053	0.0646	2.1555/2.1575	0.6350
4		SH-2123		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.6250

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
31	231 CID (3.8L) 12V V6 Buick			3.800"/96.5mm x 3.400"/86.4mm				31
VIN Codes: '2 [L26]' (2004-2009), 'C [LN3]' (1990-1991), 'K [L36]' (1995-2005) 'L [L27]' (1990-1995)								
Rod Bearing (6) For Year(s): 1991-2009 FOR VIN(S): 2,K,L,C	AL-5	CB-1443A	STD,10,20•,30•	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Rod Bearing (6) For Year(s): 1991-2009 FOR VIN(S): 2,K,L,C	TM-77	CB-1443P	STD,10,20,30	2.2487/2.2499	0.0010/0.0035	0.0619	2.3738/2.3745	0.7210
Rod Bearing (6) For Year(s): 1991-2009 NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): 2,K,L,C	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
Rod Bearing (6) For Year(s): 1990 FOR VIN(S): C	TM-77	CB-1228P	STD,1,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Rod Bearing (6) For Year(s): 1990 FOR VIN(S): L	AL-5	CB-1443A	STD,10,20•,30•	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Rod Bearing (6) For Year(s): 1990 FOR VIN(S): L	TM-77	CB-1443P	STD,10,20,30	2.2487/2.2499	0.0010/0.0035	0.0619	2.3738/2.3745	0.7210
Rod Bearing (6) For Year(s): 1990 NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock FOR VIN(S): L	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
Main Bearing Set 1 2 3 4 For Year(s): 1995-2009 NOTE: Engines with 7/16" Main Bearing Bolts & Powdered Metal Main Bearing Caps FOR VIN(S): 2,K,L	AL-5	MS-2022A MB-3495A MB-3214A(F) MB-3213A MB-3494A	STD,10•,20,30•	2.4990/2.5000 2.4988/2.4998 2.4988/2.4998 2.4988/2.4998	0.0005/0.0022 0.0005/0.0032 0.0005/0.0032 0.0018/0.0030	0.0936 0.0936 0.0936 0.0935	2.6870/2.6880 2.6870/2.6880 2.6870/2.6880 2.6870/2.6880	0.8690 1.0580 0.8690 0.8690
Main Bearing Set 1 2 3 4 For Year(s): 1995-2009 NOTE: Engines with 7/16" Main Bearing Bolts & Powdered Metal Main Bearing Caps FOR VIN(S): 2,K,L	TM-77	MS-2022P MB-3495P MB-3214P(F) MB-3213P MB-3494P	STD,10,20,30	2.4990/2.5000 2.4988/2.4998 2.4988/2.4998 2.4988/2.4998	0.0005/0.0022 0.0005/0.0032 0.0005/0.0032 0.0018/0.0030	0.0936 0.0936 0.0936 0.0935	2.6870/2.6880 2.6870/2.6880 2.6870/2.6880 2.6870/2.6880	0.8690 1.0580 0.8690 0.8690
Main Bearing Set 1-3 2 4 For Year(s): 1994 NOTE: Engines with 7/16" Main Bearing Bolts & Nodular Iron Main Bearing Caps FOR VIN(S): L	TM-77	MS-2021P MB-3213P MB-3214P(F) MB-3494P	STD,10,20,30	2.4988/2.4998 2.4988/2.4998 2.4988/2.4998	0.0005/0.0032 0.0005/0.0032 0.0018/0.0030	0.0936 0.0936 0.0935	2.6870/2.6880 2.6870/2.6880 2.6870/2.6880	0.8690 1.0580 0.8690



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
31 (cont.)	231 CID (3.8L) 12V V6 Buick			3.800"/96.5mm x 3.400"/86.4mm				31 (cont.)
VIN Codes: '2 [L26]' (2004-2009), 'C [LN3]' (1990-1991), 'K [L36]' (1995-2005) 'L [L27]' (1990-1995)								
Main Bearing Set	TM-77	MS-1822P	STD,10,20					
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
For Year(s): 1991-1993								
NOTE: Engines with 1/2" Main Bearing Bolts								
FOR VIN(S): L,C								
Main Bearing Set	TM-77	MS-960P	STD,10,20,30					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
For Year(s): 1990								
FOR VIN(S): C								
Main Bearing Set	TM-77	MS-1822P	STD,10,20					
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
For Year(s): 1990								
NOTE: Engines with 1/2" Main Bearing Bolts								
FOR VIN(S): L								
Balance Shaft Bearing Set	B-1	SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Year(s): 1995-2009								
NOTE: Except Engines With Roller Bearings								
FOR VIN(S): 2,K								
Cam Bearing Set	B-1	SH-1812S	STD					
1-4		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
2-3		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
For Year(s): 1995-2009								
FOR VIN(S): 2,K								
Cam Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448		1.7850/1.7860	0.0009/0.0051	0.0743	1.9355/1.9375	0.7550
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Year(s): 1990-1995								
FOR VIN(S): C,L								
Piston Pin Bushing (6)	C-1	223-3647	STD			0.1100		0.8420
For Year(s): 1995-2009								
NOTE: Requires Light Reaming								
FOR VIN(S): 2,K								
32	231 CID (3.8L) 12V SC V6 Buick			3.800"/96.5mm x 3.400"/86.4mm				32
VIN Codes: '1 [L67]' (1991-2005), '4 [L32]' (2004-2007)								
Rod Bearing (6)	AL-5	CB-1443A	STD,10,20,30•	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
FOR VIN(S): 4,1								
Rod Bearing (6)	TM-77	CB-1443P	STD,10,20,30	2.2487/2.2499	0.0010/0.0035	0.0619	2.3738/2.3745	0.7210
FOR VIN(S): 4,1								
Rod Bearing (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
FOR VIN(S): 4,1								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
32	231 CID (3.8L) 12V SC V6 Buick			3.800"/96.5mm x 3.400"/86.4mm				32
(cont.)	VIN Codes: '1 [L67]' (1991-2005), '4 [L32]' (2004-2007)							(cont.)
Main Bearing Set	AL-5	MS-2022A	STD,10•,20,30•					
1		MB-3495A		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494A		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Year(s): 1995-2007								
FOR VIN(S): 4,1								
Main Bearing Set	TM-77	MS-2022P	STD,10,20,30					
1		MB-3495P		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Year(s): 1995-2007								
FOR VIN(S): 4,1								
Main Bearing Set	TM-77	MS-2021P	STD,10,20,30					
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Year(s): 1994								
FOR VIN(S): 1								
Main Bearing Set	TM-77	MS-1822P	STD,10,20					
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
For Year(s): 1991-1993								
FOR VIN(S): 1								
Balance Shaft Bearing Set	B-1	SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Year(s): 1995-2007								
NOTE: Except Engines With Roller Bearings								
FOR VIN(S): 4,1								
Cam Bearing Set	B-1	SH-1812S	STD					
1-4		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
2-3		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
For Year(s): 1996-2007								
FOR VIN(S): 4,1								
Cam Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448		1.7850/1.7860	0.0009/0.0051	0.0743	1.9355/1.9375	0.7550
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Year(s): 1991-1995								
FOR VIN(S): 1								
Piston Pin Bushing (6)	C-1	223-3646	STD			0.1260		0.8500
For Year(s): 1995-2007								
NOTE: Requires Light Reaming								
FOR VIN(S): 4,1								
33	254 CID (4.2L) DOHC 24V L6 Vortec			3.661"/93.0mm x 4.016"/102.0mm				33
	VIN Code: 'S [LL8]' (2002-2009)							
Rod Bearing (6)	AL-5	CB-1882A	STD•,10•,20•,30•	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
For Year(s): 2006-2009								
NOTE: 2006 with Oil Hole in Bearing								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
33 (cont.)	254 CID (4.2L) DOHC 24V L6 Vortec VIN Code: 'S [LL8]' (2002-2009)			3.661"/93.0mm x 4.016"/102.0mm				33 (cont.)
Rod Bearing (6)	AL-5	CB-1883A-10	20•,30•	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
For Year(s): 2006-2009 NOTE: 2006 with Oil Hole in Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Rod Bearing (6)	AL-5	CB-1811A	STD•,10•,20•,30•	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
For Year(s): 2002-2006 NOTE: 2006, No Oil Hole In Bearing								
Rod Bearing (6)	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
For Year(s): 2002-2006 NOTE: 2006, No Oil Hole In Bearing								
Rod Bearing (6)	AL-5	CB-1816A-10	20•,30•	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
For Year(s): 2002-2006 NOTE: 2006, No Oil Hole In Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Rod Bearing (6)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
For Year(s): 2002-2006 NOTE: 2006, No Oil Hole In Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Main Bearing Set	AL-3	MS-2224AL	STD,10,20,30•	2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
1-2-3-4-6-7		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980
5		MB-3782A(F)						
Piston Pin Bushing (6)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
For Year(s): 2002-2006 NOTE: Requires Light Reaming								
Piston Pin Bushing (6)	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350
For Year(s): 2002-2006 NOTE: Requires Boring								
34	262 CID (4.3L) 12V V6 Chevrolet VIN Codes: 'B' (1990-1991), 'Z [LB4]' (1990-1995)			4.000"/101.6mm x 3.484"/88.4mm				34
	262 CID (4.3L) 12V Turbo. V6 Chevrolet VIN Code: 'Z' (1991-1993)			4.000"/101.6mm x 3.484"/88.4mm				
	262 CID (4.3L) 12V V6 Vortec VIN Codes: 'W [L35]' (1992-2005), 'X [LU3]' (1996-2010)			4.000"/101.6mm x 3.484"/88.4mm				
Rod Bearing (6)	AL-5	CB-1358A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Rod Bearing (6)	TM-77	CB-1358P	STD,1,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Rod Bearing (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Rod Bearing (6)	TM-77	CB-1794P-10	20,30,40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3		MB-2508A		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
4		MB-2509A(F)						
NOTE: Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3		MB-2508P		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
4		MB-2509P(F)						
NOTE: Grooved Upper Half And Plain Lower Half								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
34 (cont.)	262 CID (4.3L) 12V V6 Chevrolet VIN Codes: 'B' (1990-1991), 'Z [LB4]' (1990-1995)			4.000"/101.6mm x 3.484"/88.4mm				34 (cont.)
	262 CID (4.3L) 12V Turbo. V6 Chevrolet VIN Code: 'Z' (1991-1993)			4.000"/101.6mm x 3.484"/88.4mm				
	262 CID (4.3L) 12V V6 Vortec VIN Codes: 'W [L35]' (1992-2005), 'X [LU3]' (1996-2010)			4.000"/101.6mm x 3.484"/88.4mm				
Main Bearing Set 1-2-3 4	TM-77	MS-2215P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7280
NOTE: Contains .010" Oversize Length Flanged Bearing								
Balance Shaft Bearing Set Rear	B-1	SH-1798S SH-1798	STD	1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Year(s): 1992-2010 NOTE: Except Engines With Roller Bearings								
Cam Bearing Set 1 2-4 3	B-1	SH-1350S SH-290 SH-288 SH-287	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7500 0.7500 0.7500
For Year(s): 1990-2010 NOTE: Except Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
Cam Bearing Set 1-4 2 3	B-1	SH-1351S SH-290 SH-287 SH-288	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0644 0.0694	2.0190/2.0210 1.9990/2.0010 2.0090/2.0110	0.7500 0.7500 0.7500
For Year(s): 1992-2006 NOTE: Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
Crankshaft Forging	003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, 135411, 1354N, 143, 147, 726N							
8 CYL								
35	244 CID (4.0L) DOHC 32V V8 Oldsmobile VIN Code: 'C [L47]' (1995-1999, 2001-2003)			3.425"/87.0mm x 3.307"/84.0mm				35
	281 CID (4.6L) DOHC 32V V8 Northstar VIN Codes: '9 [L37]' (1993-2010), 'A [LH2]' (2004-2010), 'Y [LD8]' (1993-2010)			3.661"/93.0mm x 3.307"/84.0mm				
Rod Bearing (8)	TM-77	CB-1648P	STD,.25mm,.50mm	2.1235/2.1245	0.0002/0.0027	0.0624	2.2494/2.2505	0.7600
Main Bearing Set 1-2-4-5 3	AL-3	MS-2206P MB-3758P MB-3759P(F)	STD,.25mm,.50mm,.75mm	2.5335/2.5340 2.5330/2.5338	0.0011/0.0024 0.0011/0.0024	0.1591	2.8516/2.8521 2.8516/2.8521	0.8140 0.9250
For Year(s): 1993-2003								
Piston Pin Bushing (8)	C-1	223-3662	STD			0.0670	0.9235/0.9247	0.8560
For Year(s): 2000-2003 NOTE: Requires Light Reaming								
Piston Pin Bushing (8)	C-1	223-3648	STD			0.1008		0.8563
For Year(s): 1993-1999 NOTE: Requires Light Reaming								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
36	265 CID (4.3L) 16V V8 Chevrolet VIN Code: 'W [L99]' (1994-1996)				3.736"/95.0mm x 3.000"/76.2mm			36
	305 CID (5.0L) 16V V8 Chevrolet VIN Codes: 'E [L03]' (1990-1993), 'F [LB9]' (1990-1992), 'H [L03]' (1990-1996)				3.736"/95.0mm x 3.484"/88.4mm			
	305 CID (5.0L) 16V V8 Vortec VIN Code: 'M [L30]' (1996-2002)				3.736"/95.0mm x 3.484"/88.4mm			
	350 CID (5.7L) 16V V8 Chevrolet CNG VIN Code: 'K' (1992-1993, 1995-1996)				4.000"/101.6mm x 3.484"/88.5mm			
	350 CID (5.7L) 16V V8 Vortec CNG VIN Code: 'R' (1996-2001)				4.000"/101.6mm x 3.484"/88.5mm			
	350 CID (5.7L) 16V V8 Chevrolet Carbureted VIN Code: 'A [LF5]' (1990)				4.000"/101.6mm x 3.484"/88.5mm			
	350 CID (5.7L) 16V V8 Chevrolet VIN Codes: '5 [LT4]' (1996), '7 [LL0]' (1990-1993), '8 [L98]' (1990-1992), 'K [L05]' (1990-1996) 'P [LT1]' (1992-1997)				4.000"/101.6mm x 3.484"/88.5mm			
	350 CID (5.7L) 16V V8 Vortec VIN Codes: 'R' (2001-2002), 'R [L31]' (1995-2003)				4.000"/101.6mm x 3.484"/88.5mm			
	Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4 5	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,10,20,30	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30 40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
NOTE: .060" Undersize Set Contains .015" Oversize Length Flanged Bearing								
Main Bearing Set 1-2-3-4 5	TM-77	MS-1744P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7280
NOTE: Contains .010" Oversize Length Flanged Bearing								
Cam Bearing Set 1 2-5 3-4	B-1	SH-290S SH-290 SH-288 SH-287	STD,10	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7500 0.7500 0.7500
Cam Bearing Set 1 2-5 3-4	B-2	SH-1349S SH-1349 SH-1350 SH-1351	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0048 0.0010/0.0048 0.0010/0.0048	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7450 0.7450 0.7450
NOTE: with Heavy Duty Engine								
Connecting Rod Forging	3185281, 3703526, 3703527, 3784000, 3815281, 3892671, 3916396, 3923282, 3946841							
Crankshaft Forging	1130, 1178, 1182, 230376, 2680, 2690, 2NABC, 2Y68-76, 306275, 306276, 30R, 31-87, 310514, 31M, 3279, 3281N, 329880N, 354431, 3732444, 3832442, 3911000, 3911001, 3911011, 391101A, 3912335, 3914681, 3914682, 3930809, 3932444, 3941172, 3941174, 3941184, 4568749, 4577, 4672							



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
37	267 CID (4.4L) DOHC 32V SC V8 Northstar VIN Code: 'D [LC3]' (2006-2009)			3.580"/91.0mm x 3.310"/84.0mm				37
Rod Bearing (8)	TM-77	CB-1648P	STD,.25mm,.50mm	2.1235/2.1245	0.0002/0.0027	0.0624	2.2494/2.2505	0.7600
38	273 CID (4.5L) 16V V8 Cadillac VIN Codes: '3' (1990), '8 [LQ6]' (1990-1992) 300 CID (4.9L) 16V V8 Cadillac VIN Code: 'B [L26]' (1991-1995)			3.622"/92.0mm x 3.307"/84.0mm				38
Rod Bearing (8)	TM-77	CB-1351P	STD,.25mm	1.9269/1.9279	0.0008/0.0034	0.0620	2.0524/2.0530	0.6640
Main Bearing Set	TM-77	MS-1705P-.25mm‡						
1		MB-2960P		2.6354/2.6364	0.0005/0.0032	0.0962	2.8276/2.8283	0.9500
2-4		MB-2961P		2.6354/2.6364	0.0009/0.0036	0.0960	2.8276/2.8283	0.9500
3		MB-2962P(F)		2.6354/2.6364	0.0016/0.0043	0.0955	2.8276/2.8283	1.2920
5		MB-3103P		2.6354/2.6364	0.0009/0.0036	0.0960	2.8276/2.8283	0.9820
Cam Bearing Set	B-1	SH-1371S	STD					
1		SH-1371		2.0358/2.0366	0.0010/0.0045	0.0652	2.1680/2.1695	0.5960
2		SH-1372		2.0157/2.0165	0.0011/0.0046	0.0652	2.1480/2.1495	0.5960
3		SH-1373		1.9957/1.9965	0.0011/0.0046	0.0652	2.1280/2.1295	0.5960
4		SH-1374		1.9756/1.9764	0.0012/0.0047	0.0652	2.1080/2.1095	0.5960
5		SH-1375		1.9559/1.9567	0.0009/0.0044	0.0652	2.0880/2.0895	0.5960
Connecting Rod Forging 099, 63, 875								
Crankshaft Forging 1617590, 1629091, 1646737, 3520090								
39	294 CID (4.8L) 16V V8 Vortec VIN Codes: 'A [L20]' (2010), 'C [LY2]' (2007-2009), 'V [LR4]' (1999-2007) 325 CID (5.3L) 16V V8 Vortec VIN Codes: '0 [LMG]' (2007-2010), '3 [LC9]' (2007-2010), '4 [LMF]' (2008-2010) 'B [L33]' (2005-2007), 'J [LY5]' (2007-2009), 'L [LH8]' (2009), 'M [LH6]' (2005-2009) 'P [LH9]' (2010), 'P [LM4]' (2003-2004), 'T [LM7]' (1999-2007), 'Z [L59]' (2002-2007) 346 CID (5.7L) 16V V8 Chevrolet VIN Codes: 'G [LS1]' (1997-2004), 'S [LS6]' (2001-2005) 364 CID (6.0L) 16V V8 Vortec CNG VIN Code: 'U' (2002-2005) 364 CID (6.0L) 16V V8 Vortec VIN Codes: 'H [LS2]' (2005-2009), 'K [LY6]' (2007-2010), 'N [LQ9]' (2002-2007), 'U' (2002) 'U [LQ4]' (1999-2007), 'U [LS2]' (2005-2007), 'Y [L76]' (2007-2009)			3.780"/96.0mm x 3.268"/83.0mm				39
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2199A	STD•,10•,20•,30•					
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	TM-77	MS-2199P	STD,10,20,30					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Cam Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
For Year(s): 2003-2010								
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480"								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
39 (cont.)	294 CID (4.8L) 16V V8 Vortec VIN Codes: 'A [LS2]' (2010), 'C [LY2]' (2007-2009), 'V [LR4]' (1999-2007)			3.780"/96.0mm x 3.268"/83.0mm					39 (cont.)
	325 CID (5.3L) 16V V8 Vortec VIN Codes: '0 [LMG]' (2007-2010), '3 [LC9]' (2007-2010), '4 [LMF]' (2008-2010) 'B [L33]' (2005-2007), 'J [LY5]' (2007-2009), 'L [LH8]' (2009), 'M [LH6]' (2005-2009) 'P [LH9]' (2010), 'P [LM4]' (2003-2004), 'T [LM7]' (1999-2007), 'Z [L59]' (2002-2007)			3.780"/96.0mm x 3.622"/92.0mm					
	346 CID (5.7L) 16V V8 Chevrolet VIN Codes: 'G [LS1]' (1997-2004), 'S [LS6]' (2001-2005)			3.898"/99.0mm x 3.622"/92.0mm					
	364 CID (6.0L) 16V V8 Vortec CNG VIN Code: 'U' (2002-2005)			4.000"/101.6mm x 3.622"/92.0mm					
	364 CID (6.0L) 16V V8 Vortec VIN Codes: 'H [LS2]' (2005-2009), 'K [LY6]' (2007-2010), 'N [LQ9]' (2002-2007), 'U' (2002) 'U [LQ4]' (1999-2007), 'U [LS2]' (2005-2007), 'Y [L76]' (2007-2009)			4.000"/101.6mm x 3.622"/92.0mm					
Cam Bearing Set	B-1	SH-1995S	STD						
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
2-4		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350	
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350	
For Year(s): 2003-2007									
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing									
Bore is 2.3460" / 2.3480"									
<i>(To Be Replaced By SH-2125S)</i>									
Cam Bearing Set	B-1	SH-1814S	STD						
1-5		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350	
2-4		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350	
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350	
For Year(s): 1997-2003									
NOTE: 2003, 1st Design, Position Number 1 And 5 Housing									
Bore is 2.3260" / 2.3280"									
Connecting Rod Forging	121, 143								
Crankshaft Forging	12552216, 12553482								
40	307 CID (5.0L) 16V V8 Oldsmobile Carbureted VIN Codes: '9' (1990), 'Y' (1990)			3.800"/96.5mm x 3.385"/86.0mm					40
Rod Bearing (8)	TM-77	CB-684P	STD,1,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310	
Main Bearing Set	TM-77	MS-805P	STD,1,10,20						
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800	
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800	
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950	
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290	
Cam Bearing Set	B-1	SH-1355S	STD						
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930	
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930	
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930	
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930	
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930	
Piston Pin Bushing (8)	C-1	223-3597	STD			0.0622	1.0830/1.0840	0.9200	
Connecting Rod Forging	0997, 380282, 380283, 380383, 398410, 410997								
Crankshaft Forging	1235419, 1375802, 1398346, 230276, 230376, 230905, 381269, 381919, 388766, 390275, 393654, 395654, 398261, 398621, 418882, 556607								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
41	325 CID (5.3L) 16V V8			3.780"/96.0mm x 3.622"/92.0mm				41
	VIN Code: 'C [LS4]' (2005-2009)							
	325 CID (5.3L) 16V V8 Vortec Hybrid			3.780"/96.0mm x 3.622"/92.0mm				
	VIN Code: 'T [LM7]' (2004-2007)							
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2199A	STD,10,20,30					
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	TM-77	MS-2199P	STD,10,20,30					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Cam Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
Cam Bearing Set	B-1	SH-1995S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
For Year(s): 2004-2007								
<i>(To Be Replaced By SH-2125S)</i>								
Connecting Rod Forging	121, 143							
Crankshaft Forging	12552216, 12553482							
42	364 CID (6.0L) 16V V8 Vortec Hybrid			4.000"/101.6mm x 3.622"/92.0mm				42
	VIN Code: '5 [LFA]' (2008-2009)							
	376 CID (6.2L) 16V V8 Vortec			4.065"/103.3mm x 3.622"/92.0mm				
	VIN Codes: '2 [L9H]' (2009-2010), '8 [L92]' (2007-2008), 'F [L94]' (2010)							
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2199A	STD,10,20,30					
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	TM-77	MS-2199P	STD,10,20,30					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Cam Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL									
43	366 CID (6.0L) 16V V8 Chevrolet Carbureted VIN Code: 'B [L86]' (1990-1991)			3.938"/100.0mm x 3.766"/95.5mm					43
	366 CID (6.0L) 16V V8 Chevrolet VIN Code: 'P [LS0]' (1990-1998)			3.938"/100.0mm x 3.766"/95.5mm					
	427 CID (7.0L) 16V V8 Chevrolet Carbureted VIN Code: 'E [L43]' (1990)			4.250"/108.0mm x 3.766"/95.7mm					
	427 CID (7.0L) 16V V8 Chevrolet VIN Code: 'M [LR0]' (1990-1998)			4.250"/108.0mm x 3.766"/95.7mm					
	454 CID (7.4L) 16V V8 Chevrolet VIN Code: 'N [L19]' (1990-1997)			4.250"/108.0mm x 4.000"/101.6mm					
	454 CID (7.4L) 16V V8 Vortec VIN Codes: 'B [L21]' (1998-1999), 'J [L29]' (1996-2000)			4.250"/108.0mm x 4.000"/101.6mm					
Rod Bearing (8)	AL-5	CB-743A	STD,10,20,30	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Rod Bearing (8)	TM-77	CB-743P	STD,1,10,20,30,40 50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Main Bearing Set 1-2-3-4 5	AL-5	MS-829A MB-2403A MB-2404A(F)	STD•,10,20,30	2.7482/2.7492 2.7480/2.7490	0.0007/0.0032 0.0009/0.0039	0.0934 0.0937	2.9370/2.9380 2.9370/2.9380	1.0440 1.8110	
Main Bearing Set 1-2-3-4 5	TM-77	MS-829P MB-2403P MB-2404P(F)	STD,1,10,20,30,40	2.7482/2.7492 2.7480/2.7490	0.0007/0.0032 0.0009/0.0039	0.0934 0.0937	2.9370/2.9380 2.9370/2.9380	1.0440 1.8110	
Cam Bearing Set 1 2-5 3-4	B-1	SH-616S SH-615 SH-616 SH-617	STD	1.9485/1.9495 1.9485/1.9495 1.9485/1.9495	0.0006/0.0046 0.0006/0.0046 0.0006/0.0046	0.0947 0.0897 0.0847	2.1395/2.1405 2.1295/2.1305 2.1195/2.1205	0.8700 0.9900 0.9900	
Connecting Rod Forging 3856239, 3856240, 3933174									
Crankshaft Forging 3521, 353039, 359730, 3804816, 3836144, 3863144, 3874874, 3882842, 3882847, 3882848, 3882849, 3887114, 3904815, 3904816, 3941180, 3942411, 3962523, 3963523, 3963524, 3967463, 3975945, 6223, 7115, 7416, 9115, N353039, N853039, N853638									
44	376 CID (6.2L) 16V V8 VIN Codes: 'J [L99]' (2010), 'W [LS3]' (2008-2010)			4.065"/103.3mm x 3.622"/92.0mm					44
	Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20,30	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280	
FOR VIN(S): W									
Cam Bearing Set 1-5 2-4 3	B-1	SH-2125S SH-1995 SH-2124 SH-2125	STD	2.1650/2.1670 2.1650/2.1670 2.1650/2.1670	0.0022/0.0074 0.0010/0.0062 0.0010/0.0062	0.0890 0.0799 0.0700	2.3472/2.3492 2.3276/2.3295 2.3079/2.3098	0.7800 0.7800 0.7800	
45	376 CID (6.2L) 16V SC V8 VIN Codes: 'P [LSA]' (2009-2010), 'R [LS9]' (2009-2010)			4.065"/103.3mm x 3.622"/92.0mm					45
	427 CID (7.0L) 16V V8 VIN Code: 'E [LS7]' (2006-2010)			4.125"/104.8mm x 4.000"/101.6mm					
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
45 (cont.)	376 CID (6.2L) 16V SC V8 VIN Codes: 'P [LSA]' (2009-2010), 'R [LS9]' (2009-2010)			4.065"/103.3mm x 3.622"/92.0mm				45 (cont.)
	427 CID (7.0L) 16V V8 VIN Code: 'E [LS7]' (2006-2010)			4.125"/104.8mm x 4.000"/101.6mm				
Cam Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
46	379 CID (6.2L) 16V V8 DIESEL VIN Codes: 'C [LH6]' (1990-1993), 'J [LL4]' (1990-1993)			3.976"/101.0mm x 3.819"/97.0mm				46
	395 CID (6.5L) 16V V8 DIESEL VIN Codes: 'P [L49]' (1994-1995), 'Y [L57]' (1994-1999)			4.055"/103.0mm x 3.819"/97.0mm				
	395 CID (6.5L) 16V Turbo. V8 DIESEL VIN Codes: 'F [L65]' (1992-2002), 'S [L56]' (1994-1999)			4.055"/103.0mm x 3.819"/97.0mm				
Rod Bearing (8)	TM-77	CB-1286P	STD,.026mm,.25mm .50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Main Bearing Set	TM-77	MS-2091P	STD,.026mm,.25mm .50mm,.75mm					
1-2-4		MB-3587P		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	0.8970
3		MB-3588P(F)		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	1.1300
5		MB-3589P		2.9493/2.9503	0.0018/0.0047	0.0955	3.1427/3.1437	1.3910
Cam Bearing Set	B-1	SH-1366S	STD					
1		SH-1366		2.1644/2.1663	0.0011/0.0062	0.0798	2.3270/2.3290	0.9000
2		SH-1367		2.1644/2.1663	0.0011/0.0062	0.0753	2.3180/2.3200	0.7800
3		SH-1368		2.1644/2.1663	0.0011/0.0062	0.0703	2.3080/2.3100	0.7800
4		SH-1369		2.1644/2.1663	0.0011/0.0062	0.0653	2.2980/2.3000	0.7800
5		SH-1370		2.0069/2.0089	0.0011/0.0063	0.0655	2.1410/2.1430	0.7800
Piston Pin Bushing (8)	C-1	223-3576	STD			0.0580	1.3030/1.3045	1.0010
NOTE: Requires Boring								
Crankshaft Forging 14024236								
47	403 CID (6.6L) 32V Turbo. V8 Duramax DIESEL VIN Codes: '1 [LB7]' (2001-2004), '2 [LLY]' (2004-2007), '6 [LMM]' (2007-2009) 'D [LBZ]' (2006-2007)			4.055"/103.0mm x 3.898"/99.0mm				47
Rod Bearing (8)	TM-77	CB-1805P	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340
NOTE: Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment								
Rod Bearing (8)	TM-77	CB-1810P-.25mm.50mm		2.4764/2.4772	0.0010/0.0034	0.0805	2.6392/2.6398	0.9340
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment								
Main Bearing Set	TM-77	MS-2218P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3776P		3.1459/3.1466	0.0009/0.0033	0.0995	3.3464/3.3472	0.8200
NOTE: Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment Requires Thrust Washer Set, Not Included Use with Part Number TW-610S								
Thrust Washer Set		TW-610S	STD					
		MB-3776W		3.5039/3.5137			4.2027/4.2125	0.1181
NOTE: Contains 3 Pieces, Position Number 1 And 5 Use with Part Number MS-2218P								
Cam Bearing Set	B-1	SH-1999S	STD					
1		SH-1999		2.3988/2.4000		0.0790	2.5590/2.5602	1.1250
2-3-4-5		SH-2006		2.3988/2.4000		0.0790	2.5590/2.5602	0.7100



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
47 (cont.)	403 CID (6.6L) 32V Turbo. V8 Duramax DIESEL			4.055"/103.0mm x 3.898"/99.0mm				47 (cont.)
VIN Codes: '1 [LB7]' (2001-2004), '2 [LLY]' (2004-2007), '6 [LMM]' (2007-2009) 'D [LBZ]' (2006-2007)								
Piston Pin Bushing (8)	C-1	223-3659	STD	1.4763/1.4773 1.5625				
NOTE: Requires Boring, Semi-Finished								
Connecting Rod Forging 278410A								
48	496 CID (8.1L) 16V V8 Vortec			4.250"/108.0mm x 4.370"/111.0mm				48
VIN Codes: 'E [L18]' (2001-2006), 'G [L18]' (2001-2007)								
Rod Bearing (8)	AL-5	CB-743A	STD,10,20,30	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Rod Bearing (8)	TM-77	CB-743P	STD,1,10,20,30,40 50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set 1-2-3-4 5	AL-5	MS-2235AL MB-3774AL MB-3775AL(F)	STD,10,20	2.7482/2.7489	0.0010/0.0033	0.0937	2.9370/2.9380	1.0470
Cam Bearing Set 1 2-5 3-4	B-1	SH-616S SH-615 SH-616 SH-617	STD	1.9485/1.9495	0.0006/0.0046	0.0947	2.1395/2.1405	0.8700
				1.9485/1.9495	0.0006/0.0046	0.0897	2.1295/2.1305	0.9900
				1.9485/1.9495	0.0006/0.0046	0.0847	2.1195/2.1205	0.9900

HONDA

ENGINE	YEAR	BORE & STROKE	BLOCK
1339 CC (1.3L) SOHC 8V L4 VTEC LDA1 Hybrid	2003-2005	2.870"/73.0mm X 3.150"/80.0mm	1
1339 CC (1.3L) SOHC 8V L4 VTEC LDA2 Hybrid	2006-2009	2.870"/73.0mm X 3.150"/80.0mm	1
1493 CC (1.5L) SOHC 16V L4 D15B1	1990-1991	2.953"/75.0mm X 3.346"/85.0mm	2
1493 CC (1.5L) SOHC 16V L4 D15B2	1990-1991	2.953"/75.0mm X 3.346"/85.0mm	2
1493 CC (1.5L) SOHC 8V L4 D15B6	1990-1991	2.953"/75.0mm X 3.346"/85.0mm	3
1493 CC (1.5L) SOHC 16V L4 D15B7	1992-1995	2.953"/75.0mm X 3.346"/85.0mm	2
1493 CC (1.5L) SOHC 8V L4 D15B8	1992-1995	2.953"/75.0mm X 3.346"/85.0mm	2
1493 CC (1.5L) SOHC 16V L4 VTEC D15Z1	1992-1995	2.953"/75.0mm X 3.346"/85.0mm	2
1497 CC (1.5L) SOHC 16V L4 i-VTEC L15A7	2009-2010	2.870"/73.0mm X 3.520"/89.4mm	1
1497 CC (1.5L) SOHC 16V L4 VTEC L15A1	2007-2008	2.870"/73.0mm X 3.520"/89.4mm	1
1590 CC (1.6L) SOHC 16V L4 D16A6	1990-1991	2.953"/75.0mm X 3.543"/90.0mm	4
1590 CC (1.6L) SOHC 16V L4 D16Y7	1996-2000	2.953"/75.0mm X 3.543"/90.0mm	4
1590 CC (1.6L) SOHC 16V L4 VTEC D16Y5	1996-2000	2.953"/75.0mm X 3.543"/90.0mm	4
1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8	1996-2000	2.953"/75.0mm X 3.543"/90.0mm	4
1590 CC (1.6L) SOHC 16V L4 VTEC D16Z6	1992-1995	2.953"/75.0mm X 3.543"/90.0mm	4
1595 CC (1.6L) DOHC 16V L4 VTEC B16A2	1996-1997, 1999-2000	3.189"/81.0mm X 3.047"/77.4mm	5
1595 CC (1.6L) DOHC 16V L4 VTEC B16A3	1994-1995	3.189"/81.0mm X 3.047"/77.4mm	5
1668 CC (1.7L) SOHC 16V L4 D17A7 CNG	2001-2005	2.952"/75.0mm X 3.720"/94.4mm	6
1668 CC (1.7L) SOHC 16V L4 D17A1	2001-2005	2.952"/75.0mm X 3.720"/94.4mm	6
1668 CC (1.7L) SOHC 16V L4 VTEC D17A2	2001-2005	2.952"/75.0mm X 3.720"/94.4mm	6
1668 CC (1.7L) SOHC 16V L4 VTEC-E D17A6	2001-2005	2.952"/75.0mm X 3.720"/94.4mm	6
1958 CC (2.0L) SOHC 12V L4 B20A3 Carbureted	1990	3.189"/81.0mm X 3.740"/95.0mm	7
1958 CC (2.0L) DOHC 16V L4 B20A5	1990-1991	3.189"/81.0mm X 3.740"/95.0mm	8
1972 CC (2.0L) DOHC 16V L4 B20B4	1997-1998	3.307"/84.0mm X 3.504"/89.0mm	9
1972 CC (2.0L) DOHC 16V L4 B20Z2	1999-2001	3.307"/84.0mm X 3.504"/89.0mm	9
1998 CC (2.0L) DOHC 16V L4 VTEC K20A3	2002-2005	3.390"/86.1mm X 3.386"/86.0mm	10



ENGINE	YEAR	BORE & STROKE	BLOCK
2056 CC (2.1L) DOHC 16V L4 B21A1	1990-1991	3.268"/83.0mm X 3.740"/95.0mm	8
2156 CC (2.2L) SOHC 16V L4 F22A1	1990-1996	3.346"/85.0mm X 3.740"/95.0mm	11
2156 CC (2.2L) SOHC 16V L4 F22A4	1990-1991	3.346"/85.0mm X 3.740"/95.0mm	11
2156 CC (2.2L) SOHC 16V L4 F22A6	1991-1993	3.346"/85.0mm X 3.740"/95.0mm	11
2156 CC (2.2L) SOHC 16V L4 F22B6	1995-1997	3.346"/85.0mm X 3.740"/95.0mm	11
2156 CC (2.2L) SOHC 16V L4 VTEC F22B1	1994-1997	3.346"/85.0mm X 3.740"/95.0mm	11
2156 CC (2.2L) SOHC 16V L4 VTEC F22B2	1994-1997	3.346"/85.0mm X 3.740"/95.0mm	11
2157 CC (2.2L) DOHC 16V L4 VTEC H22A1	1993-1996	3.425"/87.0mm X 3.571"/90.7mm	12
2157 CC (2.2L) DOHC 16V L4 VTEC H22A4	1997-2001	3.425"/87.0mm X 3.571"/90.7mm	13
2254 CC (2.3L) SOHC 16V L4 VTEC F23A1	1998-2002	3.386"/86.0mm X 3.820"/97.0mm	14
2254 CC (2.3L) SOHC 16V L4 VTEC F23A4	1998-2002	3.386"/86.0mm X 3.820"/97.0mm	14
2254 CC (2.3L) SOHC 16V L4 VTEC F23A5	1998-2002	3.386"/86.0mm X 3.820"/97.0mm	14
2254 CC (2.3L) SOHC 16V L4 VTEC F23A7	1998	3.386"/86.0mm X 3.820"/97.0mm	15
2259 CC (2.3L) DOHC 16V L4 H23A1	1992-1996	3.425"/87.0mm X 3.740"/95.0mm	11
2354 CC (2.4L) DOHC 16V L4 i-VTEC K24Z1	2007-2009	3.420"/87.0mm X 3.890"/99.0mm	16
2354 CC (2.4L) DOHC 16V L4 i-VTEC K24Z2	2008-2010	3.420"/87.0mm X 3.890"/99.0mm	17
2354 CC (2.4L) DOHC 16V L4 VTEC K24A1	2002-2006	3.420"/87.0mm X 3.890"/99.0mm	16
2354 CC (2.4L) DOHC 16V L4 VTEC K24A4	2003-2006	3.420"/87.0mm X 3.890"/99.0mm	16
2354 CC (2.4L) DOHC 16V L4 VTEC K24A8	2006-2010	3.420"/87.0mm X 3.890"/99.0mm	16
2559 CC (2.6L) SOHC 8V L4 Isuzu 4ZE1	1994-1996	3.646"/92.6mm X 3.736"/95.0mm	18
2675 CC (2.7L) SOHC 24V V6 C27A4	1995-1997	3.425"/87.0mm X 2.953"/75.0mm	19
3165 CC (3.2L) SOHC 24V V6 Isuzu 6VD1	1994-1997	3.677"/93.4mm X 3.031"/77.0mm	20
3165 CC (3.2L) DOHC 24V V6 Isuzu 6VD1	1998-2002	3.677"/93.4mm X 3.031"/77.0mm	20

MODEL	ENGINE	YEAR	BLOCK
Accord	2156 CC (2.2L) SOHC 16V L4 F22A1	1990-1993	11
Accord	2156 CC (2.2L) SOHC 16V L4 F22A4	1990-1991	11
Accord	2156 CC (2.2L) SOHC 16V L4 F22A6	1991-1993	11
Accord	2156 CC (2.2L) SOHC 16V L4 VTEC F22B1	1994-1997	11
Accord	2156 CC (2.2L) SOHC 16V L4 VTEC F22B2	1994-1997	11
Accord	2254 CC (2.3L) SOHC 16V L4 VTEC F23A1	1998-2002	14
Accord	2254 CC (2.3L) SOHC 16V L4 VTEC F23A4	1998-2002	14
Accord	2254 CC (2.3L) SOHC 16V L4 VTEC F23A5	1998-2002	14
Accord	2354 CC (2.4L) DOHC 16V L4 i-VTEC K24Z2	2008-2010	17
Accord	2354 CC (2.4L) DOHC 16V L4 VTEC K24A4	2003-2005	16
Accord	2354 CC (2.4L) DOHC 16V L4 VTEC K24A8	2006-2007	16
Accord	2675 CC (2.7L) SOHC 24V V6 C27A4	1995-1997	19
Civic	1339 CC (1.3L) SOHC 8V L4 VTEC LDA1 Hybrid	2003-2005	1
Civic	1339 CC (1.3L) SOHC 8V L4 VTEC LDA2 Hybrid	2006-2009	1
Civic	1493 CC (1.5L) SOHC 16V L4 D15B1	1990-1991	2
Civic	1493 CC (1.5L) SOHC 16V L4 D15B2	1990-1991	2
Civic	1493 CC (1.5L) SOHC 16V L4 D15B7	1992-1995	2
Civic	1493 CC (1.5L) SOHC 8V L4 D15B8	1992-1995	2
Civic	1493 CC (1.5L) SOHC 16V L4 VTEC D15Z1	1992-1995	2
Civic	1590 CC (1.6L) SOHC 16V L4 D16A6	1990-1991	4
Civic	1590 CC (1.6L) SOHC 16V L4 D16Y7	1996-2000	4
Civic	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y5	1996-2000	4
Civic	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8	1996-2000	4
Civic	1590 CC (1.6L) SOHC 16V L4 VTEC D16Z6	1992-1995	4
Civic	1595 CC (1.6L) DOHC 16V L4 VTEC B16A2	1999-2000	5
Civic	1668 CC (1.7L) SOHC 16V L4 D17A7 CNG	2001-2005	6
Civic	1668 CC (1.7L) SOHC 16V L4 D17A1	2001-2005	6



MODEL	ENGINE	YEAR	BLOCK
Civic	1668 CC (1.7L) SOHC 16V L4 VTEC D17A2	2001-2005	6
Civic	1668 CC (1.7L) SOHC 16V L4 VTEC-E D17A6	2001-2005	6
Civic	1998 CC (2.0L) DOHC 16V L4 VTEC K20A3	2002-2005	10
Civic del Sol	1493 CC (1.5L) SOHC 16V L4 D15B7	1993-1995	2
Civic del Sol	1590 CC (1.6L) SOHC 16V L4 D16Y7	1996-1997	4
Civic del Sol	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8	1996-1997	4
Civic del Sol	1590 CC (1.6L) SOHC 16V L4 VTEC D16Z6	1993-1995	4
Civic del Sol	1595 CC (1.6L) DOHC 16V L4 VTEC B16A2	1996-1997	5
Civic del Sol	1595 CC (1.6L) DOHC 16V L4 VTEC B16A3	1994-1995	5
CR-V	1972 CC (2.0L) DOHC 16V L4 B20B4	1997-1998	9
CR-V	1972 CC (2.0L) DOHC 16V L4 B20Z2	1999-2001	9
CR-V	2354 CC (2.4L) DOHC 16V L4 i-VTEC K24Z1	2007-2009	16
CR-V	2354 CC (2.4L) DOHC 16V L4 VTEC K24A1	2002-2006	16
CRX	1493 CC (1.5L) SOHC 16V L4 D15B2	1990-1991	2
CRX	1493 CC (1.5L) SOHC 8V L4 D15B6	1990-1991	3
CRX	1590 CC (1.6L) SOHC 16V L4 D16A6	1990-1991	4
Element	2354 CC (2.4L) DOHC 16V L4 VTEC K24A4	2003-2006	16
Element	2354 CC (2.4L) DOHC 16V L4 VTEC K24A8	2007-2010	16
Fit	1497 CC (1.5L) SOHC 16V L4 i-VTEC L15A7	2009-2010	1
Fit	1497 CC (1.5L) SOHC 16V L4 VTEC L15A1	2007-2008	1
Odyssey	2156 CC (2.2L) SOHC 16V L4 F22B6	1995-1997	11
Odyssey	2254 CC (2.3L) SOHC 16V L4 VTEC F23A7	1998	15
Passport	2559 CC (2.6L) SOHC 8V L4 Isuzu 4ZE1	1994-1996	18
Passport	3165 CC (3.2L) SOHC 24V V6 Isuzu 6VD1	1994-1997	20
Passport	3165 CC (3.2L) DOHC 24V V6 Isuzu 6VD1	1998-2002	20
Prelude	1958 CC (2.0L) SOHC 12V L4 B20A3 Carbureted	1990	7
Prelude	1958 CC (2.0L) DOHC 16V L4 B20A5	1990-1991	8
Prelude	2056 CC (2.1L) DOHC 16V L4 B21A1	1990-1991	8
Prelude	2156 CC (2.2L) SOHC 16V L4 F22A1	1992-1996	11
Prelude	2157 CC (2.2L) DOHC 16V L4 VTEC H22A1	1993-1996	12
Prelude	2157 CC (2.2L) DOHC 16V L4 VTEC H22A4	1997-2001	13
Prelude	2259 CC (2.3L) DOHC 16V L4 H23A1	1992-1996	11

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK
KN224	3.031in/77.0mm	20



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1339 CC (1.3L) SOHC 8V L4 VTEC LDA1 Hybrid VIN Code: '-' (2003-2005)			2.870"/73.0mm x 3.150"/80.0mm				1
	1339 CC (1.3L) SOHC 8V L4 VTEC LDA2 Hybrid VIN Code: '-' (2006-2009)			2.870"/73.0mm x 3.150"/80.0mm				
	1497 CC (1.5L) SOHC 16V L4 i-VTEC L15A7 VIN Code: '-' (2009-2010)			2.870"/73.0mm x 3.520"/89.4mm				
	1497 CC (1.5L) SOHC 16V L4 VTEC L15A1 VIN Code: '-' (2007-2008)			2.870"/73.0mm x 3.520"/89.4mm				
	Rod Bearing (4)	AL-3	CB-1862AL	STD, .25mm, .50mm	1.5739/1.5748		0.0597 1.6929	
Main Bearing Set 1-2-3-4-5	AL-3	MS-2266AL MB-3896AL	STD, .25mm, .50mm	1.9676/1.9685		0.0795 2.1260		0.6693
2	1493 CC (1.5L) SOHC 16V L4 D15B1 VIN Code: '-' (1990-1991)			2.953"/75.0mm x 3.346"/85.0mm				2
	1493 CC (1.5L) SOHC 16V L4 D15B2 VIN Code: '-' (1990-1991)			2.953"/75.0mm x 3.346"/85.0mm				
	1493 CC (1.5L) SOHC 16V L4 D15B7 VIN Code: '-' (1992-1995)			2.953"/75.0mm x 3.346"/85.0mm				
	1493 CC (1.5L) SOHC 8V L4 D15B8 VIN Code: '-' (1992-1995)			2.953"/75.0mm x 3.346"/85.0mm				
	1493 CC (1.5L) SOHC 16V L4 VTEC D15Z1 VIN Code: '-' (1992-1995)			2.953"/75.0mm x 3.346"/85.0mm				
	Rod Bearing (4)	TM-1	CB-1459P	STD, .25mm, .50mm	1.6525/1.6535		0.0008/0.0015 0.0590 1.7717/1.7727	
Main Bearing Set 1-2-3-4-5	TM-1	MS-1806AL MB-3178AL	STD, .25mm, .50mm	1.7707/1.7717		0.0009/0.0017 0.0788 1.9291/1.9300		0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-327S								
Thrust Washer Set		TW-327S MB-2753W(U)	STD	2.1850/2.2440		3.0510/3.0710		0.0970
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1806AL								
3	1493 CC (1.5L) SOHC 8V L4 D15B6 VIN Code: '-' (1990-1991)			2.953"/75.0mm x 3.346"/85.0mm				3
	Main Bearing Set 1-2-3-4-5	TM-1	MS-1806AL MB-3178AL	STD, .25mm, .50mm	1.7707/1.7717		0.0009/0.0017 0.0788 1.9291/1.9300	
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-327S								
Thrust Washer Set		TW-327S MB-2753W(U)	STD	2.1850/2.2440		3.0510/3.0710		0.0970
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1806AL								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
4	1590 CC (1.6L) SOHC 16V L4 D16A6 VIN Code: '-' (1990-1991)			2.953"/75.0mm x 3.543"/90.0mm				4
	1590 CC (1.6L) SOHC 16V L4 D16Y7 VIN Code: '-' (1996-2000)			2.953"/75.0mm x 3.543"/90.0mm				
	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y5 VIN Code: '-' (1996-2000)			2.953"/75.0mm x 3.543"/90.0mm				
	1590 CC (1.6L) SOHC 16V L4 VTEC D16Y8 VIN Code: '-' (1996-2000)			2.953"/75.0mm x 3.543"/90.0mm				
	1590 CC (1.6L) SOHC 16V L4 VTEC D16Z6 VIN Code: '-' (1992-1995)			2.953"/75.0mm x 3.543"/90.0mm				
Rod Bearing (4)	TM-1	CB-1461P	STD,.25mm,.50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804P								
5	1595 CC (1.6L) DOHC 16V L4 VTEC B16A2 VIN Code: '-' (1996-1997, 1999-2000)			3.189"/81.0mm x 3.047"/77.4mm				5
	1595 CC (1.6L) DOHC 16V L4 VTEC B16A3 VIN Code: '-' (1994-1995)			3.189"/81.0mm x 3.047"/77.4mm				
Rod Bearing (4)	TM-1	CB-1777P	STD,.25mm,.50mm	1.7707/1.7717	0.0014/0.0043	0.0586	1.8898/1.8907	0.7677
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2095P								
6	1668 CC (1.7L) SOHC 16V L4 D17A7 CNG VIN Code: '-' (2001-2005)			2.952"/75.0mm x 3.720"/94.4mm				6
	1668 CC (1.7L) SOHC 16V L4 D17A1 VIN Code: '-' (2001-2005)			2.952"/75.0mm x 3.720"/94.4mm				
	1668 CC (1.7L) SOHC 16V L4 VTEC D17A2 VIN Code: '-' (2001-2005)			2.952"/75.0mm x 3.720"/94.4mm				
	1668 CC (1.7L) SOHC 16V L4 VTEC-E D17A6 VIN Code: '-' (2001-2005)			2.952"/75.0mm x 3.720"/94.4mm				
Rod Bearing (4)	TM-77	CB-1859P	STD,.25mm,.50mm	1.7707/1.7717		0.0595	1.8898	0.6102
Main Bearing Set 1-2-3-4-5	AL-3	MS-2264AL MB-3894AL	STD,.25mm,.50mm	2.1644/2.1654	0.0002/0.0028	0.0794	2.3228/2.3236	0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-680S								
Thrust Washer Set		TW-680S MB-3901W	STD	2.4114/2.4213			3.2185/3.2283	0.0984
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2264AL								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
7	1958 CC (2.0L) SOHC 12V L4 B20A3 Carbureted			3.189"/81.0mm x 3.740"/95.0mm				7
VIN Code: '-' (1990)								
Rod Bearing (4)	TM-1	CB-1353P	STD,.25mm,.50mm	1.7707/1.7717	0.0005/0.0034	0.0591	1.8898/1.8907	0.7680
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804P								
8	1958 CC (2.0L) DOHC 16V L4 B20A5			3.189"/81.0mm x 3.740"/95.0mm				8
VIN Code: '-' (1990-1991)								
	2056 CC (2.1L) DOHC 16V L4 B21A1			3.268"/83.0mm x 3.740"/95.0mm				
VIN Code: '-' (1990-1991)								
Rod Bearing (4)	TM-1	CB-1456P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0590	2.0079/2.0087	0.7640
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804P								
9	1972 CC (2.0L) DOHC 16V L4 B20B4			3.307"/84.0mm x 3.504"/89.0mm				9
VIN Code: '-' (1997-1998)								
	1972 CC (2.0L) DOHC 16V L4 B20Z2			3.307"/84.0mm x 3.504"/89.0mm				
VIN Code: '-' (1999-2001)								
Rod Bearing (4)	TM-1	CB-1461P	STD,.25mm,.50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Thrust Washer Set		TW-473S MB-3176W	STD	2.4114/2.4213			3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2095P								
10	1998 CC (2.0L) DOHC 16V L4 VTEC K20A3			3.390"/86.1mm x 3.386"/86.0mm				10
VIN Code: '-' (2002-2005)								
Rod Bearing (4)	TM-77	CB-1860P	STD,.25mm,.50mm	1.7707/1.7717		0.0596	1.8898	0.6102
Main Bearing Set 1-2-3-4-5	AL-3	MS-2265AL MB-3895AL	STD,.25mm,.50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-681S								
Thrust Washer Set		TW-681S MB-3902W	STD	2.4705			3.2185/3.2283	0.0984
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2265AL								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
11	2156 CC (2.2L) SOHC 16V L4 F22A1 VIN Code: '-' (1990-1996)			3.346"/85.0mm x 3.740"/95.0mm				11
	2156 CC (2.2L) SOHC 16V L4 F22A4 VIN Code: '-' (1990-1991)			3.346"/85.0mm x 3.740"/95.0mm				
	2156 CC (2.2L) SOHC 16V L4 F22A6 VIN Code: '-' (1991-1993)			3.346"/85.0mm x 3.740"/95.0mm				
	2156 CC (2.2L) SOHC 16V L4 F22B6 VIN Code: '-' (1995-1997)			3.346"/85.0mm x 3.740"/95.0mm				
	2156 CC (2.2L) SOHC 16V L4 VTEC F22B1 VIN Code: '-' (1994-1997)			3.346"/85.0mm x 3.740"/95.0mm				
	2156 CC (2.2L) SOHC 16V L4 VTEC F22B2 VIN Code: '-' (1994-1997)			3.346"/85.0mm x 3.740"/95.0mm				
	2259 CC (2.3L) DOHC 16V L4 H23A1 VIN Code: '-' (1992-1996)			3.425"/87.0mm x 3.740"/95.0mm				
Rod Bearing (4)	TM-1	CB-1456P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0590	2.0079/2.0087	0.7640
NOTE: with 1.8888 / 1.8898 Diameter Shaft								
Main Bearing Set	TM-1	MS-2012P	STD,.25mm,.50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-587S								
Thrust Washer Set		TW-587S	STD	2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012P								
12	2157 CC (2.2L) DOHC 16V L4 VTEC H22A1 VIN Code: '-' (1993-1996)			3.425"/87.0mm x 3.571"/90.7mm				12
Rod Bearing (4)	TM-1	CB-1780P	STD,.25mm,.50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Main Bearing Set	TM-1	MS-2012P	STD,.25mm,.50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-587S								
Thrust Washer Set		TW-587S	STD	2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012P								
13	2157 CC (2.2L) DOHC 16V L4 VTEC H22A4 VIN Code: '-' (1997-2001)			3.425"/87.0mm x 3.571"/90.7mm				13
Rod Bearing (4)	TM-1	CB-1780P	STD,.25mm,.50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Main Bearing Set	TM-1	MS-1804P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
For Year(s): 1998-2001								
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-473S								
Main Bearing Set	TM-1	MS-2012P	STD,.25mm,.50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
For Year(s): 1997								
NOTE: Requires Thrust Washer Set, Not Included; Use with Part Number TW-587S								
Thrust Washer Set		TW-473S	STD	2.4114/2.4213			3.2185/3.2283	0.0980
For Year(s): 1998-2001								
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804P								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
13	2157 CC (2.2L) DOHC 16V L4 VTEC H22A4			3.425"/87.0mm x 3.571"/90.7mm				13
(cont.)	VIN Code: '-' (1997-2001)			(cont.)				
Thrust Washer Set		TW-587S	STD	2.2641		3.0713		0.0980
		MB-3474W						
For Year(s): 1997								
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012P								
14	2254 CC (2.3L) SOHC 16V L4 VTEC F23A1			3.386"/86.0mm x 3.820"/97.0mm				14
	VIN Code: '-' (1998-2002)							
	2254 CC (2.3L) SOHC 16V L4 VTEC F23A4			3.386"/86.0mm x 3.820"/97.0mm				
	VIN Code: '-' (1998-2002)							
	2254 CC (2.3L) SOHC 16V L4 VTEC F23A5			3.386"/86.0mm x 3.820"/97.0mm				
	VIN Code: '-' (1998-2002)							
Rod Bearing (4)	TM-77	CB-1860P	STD,.25mm,.50mm	1.7707/1.7717		0.0596 1.8898		0.6102
Thrust Washer Set		TW-681S	STD	2.4705		3.2185/3.2283		0.0984
		MB-3902W						
15	2254 CC (2.3L) SOHC 16V L4 VTEC F23A7			3.386"/86.0mm x 3.820"/97.0mm				15
	VIN Code: '-' (1998)							
Rod Bearing (4)	TM-77	CB-1860P	STD,.25mm,.50mm	1.7707/1.7717		0.0596 1.8898		0.6102
16	2354 CC (2.4L) DOHC 16V L4 i-VTEC K24Z1			3.420"/87.0mm x 3.890"/99.0mm				16
	VIN Code: '-' (2007-2009)							
	2354 CC (2.4L) DOHC 16V L4 VTEC K24A1			3.420"/87.0mm x 3.890"/99.0mm				
	VIN Code: '-' (2002-2006)							
	2354 CC (2.4L) DOHC 16V L4 VTEC K24A4			3.420"/87.0mm x 3.890"/99.0mm				
	VIN Code: '-' (2003-2006)							
	2354 CC (2.4L) DOHC 16V L4 VTEC K24A8			3.420"/87.0mm x 3.890"/99.0mm				
	VIN Code: '-' (2006-2010)							
Rod Bearing (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898		0.0596 2.0079		0.6102
For Year(s): 2002-2009								
Main Bearing Set	AL-3	MS-2265AL	STD,.25mm,.50mm	2.1644/2.1654		0.0001/0.0021 0.0792 2.3228/2.3236		0.7874
1-2-3-4-5		MB-3895AL						
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-681S								
Thrust Washer Set		TW-681S	STD	2.4705		3.2185/3.2283		0.0984
		MB-3902W						
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2265AL								
17	2354 CC (2.4L) DOHC 16V L4 i-VTEC K24Z2			3.420"/87.0mm x 3.890"/99.0mm				17
	VIN Code: '-' (2008-2010)							
Main Bearing Set	AL-3	MS-2265AL	STD,.25mm,.50mm	2.1644/2.1654		0.0001/0.0021 0.0792 2.3228/2.3236		0.7874
1-2-3-4-5		MB-3895AL						
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-681S								
Thrust Washer Set		TW-681S	STD	2.4705		3.2185/3.2283		0.0984
		MB-3902W						
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2265AL								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
18	2559 CC (2.6L) SOHC 8V L4 Isuzu 4ZE1 VIN Code: '-' (1994-1996)			3.646"/92.6mm x 3.736"/95.0mm				18
Rod Bearing (4)	AL-3	CB-1480AL	STD,.25mm,.50mm	1.9262/1.9268	0.0010/0.0026	0.0596	2.0466/2.0474	0.8320
Main Bearing Set 1-2-3-4-5	TM-1	MS-1821AL MB-3210AL	STD,.25mm,.50mm	2.2016/2.2022	0.0012/0.0028	0.0791	2.3614/2.3622	0.8610
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1821AL								
								6 CYL
19	2675 CC (2.7L) SOHC 24V V6 C27A4 VIN Code: '-' (1995-1997)			3.425"/87.0mm x 2.953"/75.0mm				19
Rod Bearing (6)	TM-1	CB-1457P	STD,.25mm	2.0463/2.0472	0.0010/0.0020	0.0592	2.1654/2.1663	0.6890
20	3165 CC (3.2L) SOHC 24V V6 Isuzu 6VD1 VIN Code: '-' (1994-1997)			3.677"/93.4mm x 3.031"/77.0mm				20
	3165 CC (3.2L) DOHC 24V V6 Isuzu 6VD1 VIN Code: '-' (1998-2002)			3.677"/93.4mm x 3.031"/77.0mm				
Rod Bearing (6)	TM-1	CB-1830P	STD,.25mm,.50mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740
Main Bearing Set 1-4 2-3	TM-1	MS-2236P MB-3805P MB-3806P	STD,.25mm,.50mm	2.5165/2.5170 2.5165/2.5170	0.0010/0.0033 0.0010/0.0033	0.0995 0.0995	2.7157/2.7165 2.7157/2.7165	0.7280 0.6500
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-615S								
Thrust Washer Set		TW-615S MB-3807W	STD	2.7953/2.8051				0.0770
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2236P								
Crankshaft Forging	KN224							

HUMMER

ENGINE	YEAR	BORE & STROKE	BLOCK
211 CID (3.5L) DOHC 20V L5 General Motors	2006	3.661"/93.0mm X 4.016"/102.0mm	1
223 CID (3.7L) DOHC 20V L5 General Motors	2007-2010	3.760"/95.5mm X 4.020"/102.0mm	2
325 CID (5.3L) 16V V8 General Motors Vortec	2008-2010	3.780"/96.0mm X 3.622"/92.0mm	3
350 CID (5.7L) 16V V8 General Motors Chevrolet	1995-1996	4.000"/101.6mm X 3.484"/88.5mm	4
364 CID (6.0L) 16V V8 General Motors Vortec	2003-2007	4.000"/101.6mm X 3.622"/92.0mm	5
376 CID (6.2L) 16V V8 General Motors Vortec	2008-2009	4.065"/103.3mm X 3.622"/92.0mm	3
379 CID (6.2L) 16V V8 General Motors DIESEL	1992-1994	3.976"/101.0mm X 3.819"/97.0mm	6
395 CID (6.5L) 16V V8 General Motors DIESEL	1994-1998	4.055"/103.0mm X 3.819"/97.0mm	6
395 CID (6.5L) 16V Turbo. V8 General Motors DIESEL	1996-2005	4.055"/103.0mm X 3.819"/97.0mm	6
403 CID (6.6L) 32V Turbo. V8 General Motors Duramax DIESEL	2006	4.055"/103.0mm X 3.898"/99.0mm	7



MODEL	ENGINE	YEAR	BLOCK
H1	395 CID (6.5L) 16V Turbo. V8 General Motors L65 DIESEL	2002-2005	6
H1	403 CID (6.6L) 32V Turbo. V8 General Motors Duramax LLY DIESEL	2006	7
H2	364 CID (6.0L) 16V V8 General Motors Vortec LQ4	2003-2007	5
H2	376 CID (6.2L) 16V V8 General Motors Vortec L92	2008-2009	3
H2	376 CID (6.2L) 16V V8 General Motors Vortec L9H	2008-2009	3
H3	211 CID (3.5L) DOHC 20V L5 General Motors L52	2006	1
H3	223 CID (3.7L) DOHC 20V L5 General Motors LLR	2007-2010	2
H3	325 CID (5.3L) 16V V8 General Motors Vortec LH9	2008-2010	3
H3	325 CID (5.3L) 16V V8 General Motors Vortec LH8	2008-2010	3
H3T	223 CID (3.7L) DOHC 20V L5 General Motors LLR	2009-2010	2
H3T	325 CID (5.3L) 16V V8 General Motors Vortec LH8	2009-2010	3
H3T	325 CID (5.3L) 16V V8 General Motors Vortec LH9	2009-2010	3
Hummer	350 CID (5.7L) 16V V8 General Motors Chevrolet	1995-1996	4
Hummer	379 CID (6.2L) 16V V8 General Motors DIESEL	1992-1994	6
Hummer	395 CID (6.5L) 16V V8 General Motors L57 DIESEL	1994-1998	6
Hummer	395 CID (6.5L) 16V Turbo. V8 General Motors DIESEL	1996-2001	6

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
121	3.622in/92.0mm	3	3892671	3.484in/88.5mm	4	3946841	3.484in/88.5mm	4
143	3.622in/92.0mm	3	3916396	3.484in/88.5mm	4			
278410A	3.898in/99.0mm	7	3923282	3.484in/88.5mm	4			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
1182	3.484in/88.5mm	4	306275	3.484in/88.5mm	4	3912335	3.484in/88.5mm	4
12552216	3.622in/92.0mm	3	306276	3.484in/88.5mm	4	3932444	3.484in/88.5mm	4
12553482	3.622in/92.0mm	3	310514	3.484in/88.5mm	4	3941184	3.484in/88.5mm	4
14024236	3.819in/97.0mm	6	3732444	3.484in/88.5mm	4	4568749	3.484in/88.5mm	4
2690	3.484in/88.5mm	4	3832442	3.484in/88.5mm	4			

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
5 CYL								
1	211 CID (3.5L) DOHC 20V L5 General Motors			3.661"/93.0mm x 4.016"/102.0mm				1
VIN Code: '6 [L52]' (2006)								
Rod Bearing (5)	AL-5	CB-1811A	STD,10,20,30	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (5)	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (5)	AL-5	CB-1816A-10	20,30	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (5)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-3	MS-2250AL	STD,10,20,30					
1-2-3-5-6		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
4		MB-3782A(F)		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980



• - New number, ‡ - To be discontinued

COUNTER DATA					SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
5 CYL (cont.)									
1	211 CID (3.5L) DOHC 20V L5 General Motors				3.661"/93.0mm x 4.016"/102.0mm				1
(cont.)	VIN Code: '6 [L52]' (2006)								(cont.)
Cam Bearing Set	AL-3	SH-2000S	STD						
Left Center		SH-2008					1.8951/1.8959	0.8740	
Left Front		SH-2007					1.8668/1.8675	0.8740	
Right Center		SH-2009					1.6249/1.6257	0.8740	
Right Front		SH-2010					1.5965/1.5973	0.8740	
Piston Pin Bushing (5)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350	
NOTE: Requires Light Reaming									
Piston Pin Bushing (5)	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350	
NOTE: Requires Boring									
2	223 CID (3.7L) DOHC 20V L5 General Motors				3.760"/95.5mm x 4.020"/102.0mm				2
	VIN Code: 'E [LLR]' (2007-2010)								
Rod Bearing (5)	AL-5	CB-1882A	STD,10,20,30•	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140	
Rod Bearing (5)	AL-5	CB-1883A-10	20,30•	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set	AL-3	MS-2250AL	STD,10,20,30•						
1-2-3-5-6		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141	
4		MB-3782A(F)		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980	
Cam Bearing Set	AL-3	SH-2000S	STD						
Left Center		SH-2008					1.8951/1.8959	0.8740	
Left Front		SH-2007					1.8668/1.8675	0.8740	
Right Center		SH-2009					1.6249/1.6257	0.8740	
Right Front		SH-2010					1.5965/1.5973	0.8740	
8 CYL									
3	325 CID (5.3L) 16V V8 General Motors Vortec				3.780"/96.0mm x 3.622"/92.0mm				3
	VIN Codes: 'L [LH8]' (2008-2009), 'P [LH9]' (2010)								
	376 CID (6.2L) 16V V8 General Motors Vortec				4.065"/103.3mm x 3.622"/92.0mm				
	VIN Codes: '2 [L9H]' (2009), '8 [L92]' (2008)								
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set	AL-5	MS-2199A	STD,10,20,30•						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050	
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280	
Main Bearing Set	TM-77	MS-2199P	STD,10,20,30						
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050	
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280	
Cam Bearing Set	B-1	SH-2125S	STD						
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800	
Connecting Rod Forging	121, 143								
Crankshaft Forging	12552216, 12553482								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
4	350 CID (5.7L) 16V V8 General Motors Chevrolet			4.000"/101.6mm x 3.484"/88.5mm				4
VIN Code: 'D' (1995-1996)								
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-909A	STD,10,20,30					
1-2-3-4		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30					
1-2-3-4		MB-2508P	40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
NOTE: .060" Undersize Set Contains .015" Oversize Length Flanged Bearing								
Main Bearing Set	TM-77	MS-1744P-10	20					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
NOTE: Contains .010" Oversize Length Flanged Bearing								
Cam Bearing Set	B-1	SH-290S	STD,10					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Cam Bearing Set	B-2	SH-1349S	STD					
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: with Heavy Duty Engine								
Connecting Rod Forging	3892671, 3916396, 3923282, 3946841							
Crankshaft Forging	1182, 2690, 306275, 306276, 310514, 3732444, 3832442, 3912335, 3932444, 3941184, 4568749							
5	364 CID (6.0L) 16V V8 General Motors Vortec			4.000"/101.6mm x 3.622"/92.0mm				5
VIN Code: 'U [LQ4]' (2003-2007)								
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2199A	STD,10,20,30					
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	TM-77	MS-2199P	STD,10,20,30					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
5 (cont.)	364 CID (6.0L) 16V V8 General Motors Vortec VIN Code: 'U [LQ4]' (2003-2007)			4.000"/101.6mm x 3.622"/92.0mm				5 (cont.)
Cam Bearing Set	B-1	SH-1995S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
For Year(s): 2003-2007								
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480" <i>(To Be Replaced By SH-2125S)</i>								
Cam Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
For Year(s): 2003-2007								
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480"								
Cam Bearing Set	B-1	SH-1814S	STD					
1-5		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
2-4		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
For Year(s): 2003								
NOTE: 2003, 1st Design, Position Number 1 And 5 Housing Bore is 2.3260" / 2.3280"								
6	379 CID (6.2L) 16V V8 General Motors DIESEL VIN Code: 'X' (1992-1994)			3.976"/101.0mm x 3.819"/97.0mm				6
	395 CID (6.5L) 16V V8 General Motors DIESEL VIN Code: 'Y [L57]' (1994-1998)			4.055"/103.0mm x 3.819"/97.0mm				
	395 CID (6.5L) 16V Turbo. V8 General Motors DIESEL VIN Codes: 'F [L65]' (2002-2005), 'Z' (1996-2001)			4.055"/103.0mm x 3.819"/97.0mm				
Rod Bearing (8)	TM-77	CB-1286P	STD,.026mm,.25mm .50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Main Bearing Set	TM-77	MS-2091P	STD,.026mm,.25mm .50mm,.75mm					
1-2-4		MB-3587P		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	0.8970
3		MB-3588P(F)		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	1.1300
5		MB-3589P		2.9493/2.9503	0.0018/0.0047	0.0955	3.1427/3.1437	1.3910
Cam Bearing Set	B-1	SH-1366S	STD					
1		SH-1366		2.1644/2.1663	0.0011/0.0062	0.0798	2.3270/2.3290	0.9000
2		SH-1367		2.1644/2.1663	0.0011/0.0062	0.0753	2.3180/2.3200	0.7800
3		SH-1368		2.1644/2.1663	0.0011/0.0062	0.0703	2.3080/2.3100	0.7800
4		SH-1369		2.1644/2.1663	0.0011/0.0062	0.0653	2.2980/2.3000	0.7800
5		SH-1370		2.0069/2.0089	0.0011/0.0063	0.0655	2.1410/2.1430	0.7800
Piston Pin Bushing (8)	C-1	223-3576	STD			0.0580	1.3030/1.3045	1.0010
NOTE: Requires Boring								
Crankshaft Forging 14024236								
7	403 CID (6.6L) 32V Turbo. V8 General Motors Duramax DIESEL VIN Code: '3 [LLY]' (2006)			4.055"/103.0mm x 3.898"/99.0mm				7
Rod Bearing (8)	TM-77	CB-1805P	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340
NOTE: Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
7 (cont.)	403 CID (6.6L) 32V Turbo. V8 General Motors Duramax DIESEL						7 (cont.)	4.055"/103.0mm x 3.898"/99.0mm	
Rod Bearing (8)	TM-77	CB-1810P	.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0805	2.6392/2.6398	0.9340	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment									
Main Bearing Set	TM-77	MS-2218P	STD,.25mm,.50mm	3.1459/3.1466	0.0009/0.0033	0.0995	3.3464/3.3472	0.8200	
NOTE: Undersize Bearings Can Be Used But The Crankshaft Must Be Rehardened With A Nitride Heat Treatment Requires Thrust Washer Set, Not Included Use with Part Number TW-610S									
Thrust Washer Set		TW-610S	STD	3.5039/3.5137			4.2027/4.2125	0.1181	
NOTE: Contains 3 Pieces, Position Number 1 And 5 Use with Part Number MS-2218P									
Cam Bearing Set	B-1	SH-1999S	STD	2.3988/2.4000		0.0790	2.5590/2.5602	1.1250	
				2.3988/2.4000		0.0790	2.5590/2.5602	0.7100	
Piston Pin Bushing (8)	C-1	223-3659	STD				1.4763/1.4773	1.5625	
NOTE: Requires Boring, Semi-Finished									
Connecting Rod Forging 278410A									

HYUNDAI

ENGINE	YEAR	BORE & STROKE	BLOCK
1468 CC (1.5L) SOHC 8V L4 G4DJ	1990-1994	2.972"/75.5mm X 3.228"/82.0mm	1
1495 CC (1.5L) SOHC 12V L4 G4EK	1994-2002	2.972"/75.5mm X 3.287"/83.5mm	2
1495 CC (1.5L) SOHC 12V Turbo. L4 G4EK-T	1994-1995	2.972"/75.5mm X 3.287"/83.5mm	2
1595 CC (1.6L) DOHC 16V L4 G4CR	1992-1995	3.240"/82.3mm X 2.953"/75.0mm	3
1597 CC (1.6L) SOHC 8V L4 Mitsubishi 4G32 Carbureted	1990	3.028"/76.9mm X 3.386"/86.0mm	3
1975 CC (2.0L) DOHC 16V L4 G4GF	1998-2001	3.230"/82.0mm X 3.680"/93.5mm	4
1997 CC (2.0L) DOHC 16V L4 G4CP	1992-1998	3.346"/85.0mm X 3.465"/88.0mm	4
2351 CC (2.4L) SOHC 8V L4 G4CS	1990-1991	3.406"/86.5mm X 3.937"/100.0mm	5
2972 CC (3.0L) SOHC 12V V6 G6AT	1990-1998	3.587"/91.1mm X 2.992"/76.0mm	6

MODEL	ENGINE	YEAR	BLOCK
Accent	1495 CC (1.5L) SOHC 12V L4 G4EK	1995-2002	2
Elantra	1595 CC (1.6L) DOHC 16V L4 G4CR	1992-1995	3
Excel	1468 CC (1.5L) SOHC 8V L4 G4DJ	1990-1994	1
Pony	1597 CC (1.6L) SOHC 8V L4 Mitsubishi 4G32 Carbureted	1990	3
Scoupe	1468 CC (1.5L) SOHC 8V L4 G4DJ	1991-1992	1
Scoupe	1495 CC (1.5L) SOHC 12V L4 G4EK	1994-1995	2
Scoupe	1495 CC (1.5L) SOHC 12V Turbo. L4 G4EK-T	1994-1995	2
Sonata	1997 CC (2.0L) DOHC 16V L4 G4CP	1992-1998	4



MODEL	ENGINE	YEAR	BLOCK
Sonata	2351 CC (2.4L) SOHC 8V L4 G4CS	1990-1991	5
Sonata	2972 CC (3.0L) SOHC 12V V6 G6AT	1990-1998	6
Tiburon	1975 CC (2.0L) DOHC 16V L4 G4GF	1998-2001	4

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
4G-3	3.228in/82.0mm	1	4XC-UT	3.287in/83.5mm	2	5 E	3.287in/83.5mm	2
4G1	3.228in/82.0mm	1	4XC1-U	3.228in/82.0mm	1	508E-6303	3.287in/83.5mm	2
4G61	3.228in/82.0mm	1	4XCIU	3.228in/82.0mm	1	565524DYNA	3.287in/83.5mm	2
4K	3.228in/82.0mm	1	4XCU	3.287in/83.5mm	2	G6	3.465in/88.0mm	4
4K05	3.228in/82.0mm	1	4XCUT	3.287in/83.5mm	2			
4XC-U	3.287in/83.5mm	2	4ZE1	3.287in/83.5mm	2			

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1468 CC (1.5L) SOHC 8V L4 G4DJ VIN Code: 'J' (1990-1994)			2.972"/75.5mm x 3.228"/82.0mm				1
Rod Bearing (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
For Year(s): 1990-1994 NOTE: From 9/90								
Main Bearing Set	TM-1	MS-1668P	STD,.25mm					
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
NOTE: .25mm Undersize Set Contains .15mm Oversize Length Flanged Bearing, Partial Grooved Main Bearings								
Crankshaft Forging				4G-3, 4G1, 4G61, 4K, 4K05, 4XC1-U, 4XCIU				
2	1495 CC (1.5L) SOHC 12V L4 G4EK VIN Codes: 'J' (1994-1995), 'N' (1995-2002)			2.972"/75.5mm x 3.287"/83.5mm				2
	1495 CC (1.5L) SOHC 12V Turbo. L4 G4EK-T VIN Code: 'N' (1994-1995)			2.972"/75.5mm x 3.287"/83.5mm				
Rod Bearing (4)	TM-1	CB-1829P	STD,.25mm,.50mm	1.7707/1.7713	0.0008/0.0028	0.0589	1.8898/1.8905	0.7530
Main Bearing Set	TM-1	MS-2234P	STD,.25mm					
1-2-4-5		MB-3803P		1.9676/1.9682	0.0008/0.0028	0.0785	2.1260/2.1268	0.7140
3		MB-3804P(F)		1.9676/1.9682	0.0008/0.0028	0.0785	2.1260/2.1268	0.9020
Crankshaft Forging				4XC-U, 4XC-UT, 4XCU, 4XCUT, 4ZE1, 5 E, 508E-6303, 565524DYNA				
3	1595 CC (1.6L) DOHC 16V L4 G4CR VIN Code: 'R' (1992-1995)			3.240"/82.3mm x 2.953"/75.0mm				3
	1597 CC (1.6L) SOHC 8V L4 Mitsubishi 4G32 Carbureted VIN Code: 'K' (1990)			3.028"/76.9mm x 3.386"/86.0mm				
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm					
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-3572P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
3 (cont.)	1595 CC (1.6L) DOHC 16V L4 G4CR VIN Code: 'R' (1992-1995)			3.240"/82.3mm x 2.953"/75.0mm				3 (cont.)
	1597 CC (1.6L) SOHC 8V L4 Mitsubishi 4G32 Carbureted VIN Code: 'K' (1990)			3.028"/76.9mm x 3.386"/86.0mm				
Balance Shaft Bearing Set	AL-3	SH-1465S	STD					
RH; Front		SH-1465		1.5344	0.0008/0.0030	0.0593	1.6545	0.7580
RH; LH Rear		SH-1466		1.4164	0.0017/0.0039	0.0589	1.5364	0.6300
4	1975 CC (2.0L) DOHC 16V L4 G4GF VIN Code: 'F' (1998-2001)			3.230"/82.0mm x 3.680"/93.5mm				4
	1997 CC (2.0L) DOHC 16V L4 G4CP VIN Code: 'F' (1992-1998)			3.346"/85.0mm x 3.465"/88.0mm				
Rod Bearing (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-4-5 3	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0005/0.0029 0.0009/0.0033	0.0785 0.0783	2.4016/2.4024 2.4016/2.4024	0.8050 1.0040
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
Crankshaft Forging	G6							
5	2351 CC (2.4L) SOHC 8V L4 G4CS VIN Code: 'S' (1990-1991)			3.406"/86.5mm x 3.937"/100.0mm				5
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3	TM-1	MS-2076P MB-2869P MB-3572P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
NOTE: Naturally Aspirated								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
6 CYL								
6	2972 CC (3.0L) SOHC 12V V6 G6AT VIN Code: 'T' (1990-1998)			3.587"/91.1mm x 2.992"/76.0mm				6
Rod Bearing (6)	TM-77	CB-1411P	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set 1-2-3-4	TM-77	MS-2226P MB-3791P	STD,.25mm,.50mm	2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-458S								
Thrust Washer Set		TW-458S MB-3108W(L) MB-3108W(U)	STD	2.5984/2.6083 2.5984/2.6083			3.0492/3.0594 3.0492/3.0594	0.0778 0.0778
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2226P								



ENGINE	YEAR	BORE & STROKE	BLOCK
1998 CC (2.0L) DOHC 16V L4 Nissan SR20DE	1991-1996, 1999-2002	3.390"/86.1mm X 3.386"/86.0mm	1
2960 CC (3.0L) SOHC 12V V6 Nissan VG30E	1990-1992	3.425"/87.0mm X 3.268"/83.0mm	2
2960 CC (3.0L) DOHC 24V V6 Nissan VG30DE	1993-1997	3.425"/87.0mm X 3.268"/83.0mm	2
2988 CC (3.0L) DOHC 24V V6 Nissan VQ30DE	1996-2001	3.661"/93.0mm X 2.890"/73.3mm	3
3275 CC (3.3L) SOHC 12V V6 Nissan VG33E	1997-1998	3.602"/91.5mm X 3.268"/83.0mm	2
3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE	2001-2008	3.760"/95.5mm X 3.210"/81.4mm	4
4130 CC (4.1L) DOHC 32V V8 Nissan VH41DE	1997-1998	3.661"/93.0mm X 2.992"/76.0mm	5
4494 CC (4.5L) DOHC 32V V8 Nissan VH45DE	1990-1996	3.661"/93.0mm X 3.268"/82.7mm	5

MODEL	ENGINE	YEAR	BLOCK
FX35	3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE	2003-2008	4
G20	1998 CC (2.0L) DOHC 16V L4 Nissan SR20DE	1991-1996, 1999-2002	1
G35	3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE	2003-2007	4
I30	2988 CC (3.0L) DOHC 24V V6 Nissan VQ30DE	1996-2001	3
I35	3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE	2002-2004	4
J30	2960 CC (3.0L) DOHC 24V V6 Nissan VG30DE	1993-1997	2
M30	2960 CC (3.0L) SOHC 12V V6 Nissan VG30E	1990-1992	2
M35	3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE	2006-2008	4
Q45	4130 CC (4.1L) DOHC 32V V8 Nissan VH41DE	1997-1998	5
Q45	4494 CC (4.5L) DOHC 32V V8 Nissan VH45DE	1990-1996	5
QX4	3275 CC (3.3L) SOHC 12V V6 Nissan VG33E	1997-1998	2
QX4	3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE	2001-2003	4

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
F5	3.268in/83.0mm	2	VG30	3.268in/83.0mm	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1998 CC (2.0L) DOHC 16V L4 Nissan SR20DE VIN Code: 'C' (1991-1996, 1999-2002)			3.390"/86.1mm x 3.386"/86.0mm			1	
Rod Bearing (4)	TM-1	CB-1629P	STD,.25mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Main Bearing Set 1-2-3-4-5	TM-1	MS-2015P MB-3478P	STD,.25mm	2.1636/2.1646	0.0005/0.0022	0.0779	2.3206/2.3216	0.7480
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-590S								
Thrust Washer Set		TW-590S MB-3478W	STD	2.4314			3.2878	0.0770
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2015P								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
2	2960 CC (3.0L) SOHC 12V V6 Nissan VG30E VIN Code: 'H' (1990-1992)			3.425"/87.0mm x 3.268"/83.0mm				2
	2960 CC (3.0L) DOHC 24V V6 Nissan VG30DE VIN Code: 'A' (1993-1997)			3.425"/87.0mm x 3.268"/83.0mm				
	3275 CC (3.3L) SOHC 12V V6 Nissan VG33E VIN Code: 'A' (1997-1998)			3.602"/91.5mm x 3.268"/83.0mm				
Rod Bearing (6)	TM-1	CB-1591P	STD,.25mm,.50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Main Bearing Set	TM-1	MS-1951P	STD,.25mm,.50mm					
1		MB-3344P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860
2-3		MB-3345P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480
4		MB-3346P(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340
NOTE: .25mm And .50mm Undersize Set Contains .15mm Oversize Length Flanged Bearing								
Main Bearing Set	TM-1	MS-2074P-.25mm.50mm						
1		MB-2995P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.8910
2-3		MB-2996P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.7530
4		MB-3570P(F)		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	1.1360
NOTE: All Sizes Contain Standard Length Flanged Bearing								
Crankshaft Forging F5, VG30								
3	2988 CC (3.0L) DOHC 24V V6 Nissan VQ30DE VIN Code: 'C' (1996-2001)			3.661"/93.0mm x 2.890"/73.3mm				3
Main Bearing Set	TM-77	MS-2262P	STD,.25mm,.50mm					
1-2-3-4		MB-3891P		2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-678S								
Thrust Washer Set		TW-678S	STD					
		MB-3899W(L)		2.6181/2.6280			3.1201/3.1299	0.0768
		MB-3899W(U)		2.6181/2.6280			3.1201/3.1299	0.0768
NOTE: Contains 3 Pieces, Position Number 3 Use with Part Number MS-2262P								
4	3498 CC (3.5L) DOHC 24V V6 Nissan VQ35DE VIN Code: '-' (2001-2008)			3.760"/95.5mm x 3.210"/81.4mm				4
Rod Bearing (6)	TM-77	CB-1857P	STD,.25mm,.50mm	2.0455/2.0462	0.0009/0.0031	0.0594	2.1654/2.1659	0.6732
Main Bearing Set	TM-77	MS-2262P	STD,.25mm,.50mm					
1-2-3-4		MB-3891P		2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-678S								
Thrust Washer Set		TW-678S	STD					
		MB-3899W(L)		2.6181/2.6280			3.1201/3.1299	0.0768
		MB-3899W(U)		2.6181/2.6280			3.1201/3.1299	0.0768
NOTE: Contains 3 Pieces, Position Number 3 Use with Part Number MS-2262P								
8 CYL								
5	4130 CC (4.1L) DOHC 32V V8 Nissan VH41DE VIN Code: 'B' (1997-1998)			3.661"/93.0mm x 2.992"/76.0mm				5
	4494 CC (4.5L) DOHC 32V V8 Nissan VH45DE VIN Code: 'N' (1990-1996)			3.661"/93.0mm x 3.268"/82.7mm				
Rod Bearing (8)	TM-1	CB-1655P	STD,.25mm	2.0455/2.0462	0.0008/0.0018	0.0594	2.1654/2.1659	0.7170



ENGINE	YEAR	BORE & STROKE	BLOCK
1588 CC (1.6L) SOHC 12V L4 4XE1	1991-1993	3.150"/80.0mm X 3.110"/79.0mm	1
1588 CC (1.6L) DOHC 16V L4 4XE1W	1990-1991	3.150"/80.0mm X 3.110"/79.0mm	1
1588 CC (1.6L) DOHC 16V Turbo. L4 4XE1WT	1991-1992	3.150"/80.0mm X 3.110"/79.0mm	1
2156 CC (2.2L) SOHC 16V L4 Honda F22B6	1996-1997	3.346"/85.0mm X 3.740"/95.0mm	2
134 CID (2.2L) 8V L4 General Motors Vortec LN2	1996-2000	3.504"/89.0mm X 3.465"/88.0mm	3
2254 CC (2.3L) SOHC 8V L4 4ZD1 Carbureted	1990-1994	3.516"/89.3mm X 3.543"/90.0mm	4
2254 CC (2.3L) SOHC 8V L4 4ZD1	1995	3.516"/89.3mm X 3.543"/90.0mm	4
2254 CC (2.3L) SOHC 16V L4 Honda VTEC F23A7	1998-1999	3.386"/86.0mm X 3.820"/97.0mm	5
2559 CC (2.6L) SOHC 8V L4 4ZE1	1990-1997	3.646"/92.6mm X 3.736"/95.0mm	6
169 CID (2.8L) DOHC 16V L4 General Motors LK5	2006	3.661"/93.0mm X 4.016"/102.0mm	7
178 CID (2.9L) DOHC 16V L4 General Motors LLV	2007-2008	3.760"/95.5mm X 4.000"/101.6mm	8
211 CID (3.5L) DOHC 20V L5 General Motors L52	2006	3.661"/93.0mm X 4.016"/102.0mm	9
223 CID (3.7L) DOHC 20V L5 General Motors LLR	2007-2008	3.760"/95.5mm X 4.020"/102.0mm	10
173 CID (2.8L) 12V V6 General Motors Chevrolet LL2	1990-1991	3.500"/88.9mm X 2.992"/76.0mm	11
189 CID (3.1L) 12V V6 General Motors Chevrolet CPC (LG6)	1991-1994	3.504"/89.0mm X 3.307"/84.0mm	11
3165 CC (3.2L) SOHC 24V V6 6VD1	1992-1997	3.677"/93.4mm X 3.031"/77.0mm	12
3165 CC (3.2L) DOHC 24V V6 6VD1	1992-1995, 1998-2004	3.677"/93.4mm X 3.031"/77.0mm	12
3494 CC (3.5L) DOHC 24V V6 6VE1	1998-2004	3.677"/93.4mm X 3.346"/85.0mm	12
254 CID (4.2L) DOHC 24V L6 General Motors Vortec LL8	2003-2008	3.661"/93.0mm X 4.016"/102.0mm	13
262 CID (4.3L) 12V V6 General Motors Vortec L35	1997-2000	4.000"/101.6mm X 3.484"/88.4mm	14
262 CID (4.3L) 12V V6 General Motors Vortec LU3	1997-2000	4.000"/101.6mm X 3.484"/88.4mm	14
325 CID (5.3L) 16V V8 General Motors Vortec LM4	2003-2006	3.780"/96.0mm X 3.622"/92.0mm	15
325 CID (5.3L) 16V V8 General Motors Vortec LH6	2003-2006	3.780"/96.0mm X 3.622"/92.0mm	15

MODEL	ENGINE	YEAR	BLOCK
Amigo	2254 CC (2.3L) SOHC 8V L4 4ZD1 Carbureted	1990-1993	4
Amigo	2559 CC (2.6L) SOHC 8V L4 4ZE1	1990-1994	6
Amigo	3165 CC (3.2L) DOHC 24V V6 6VD1	1998-2000	12
Ascender	254 CID (4.2L) DOHC 24V L6 General Motors Vortec LL8	2003-2008	13
Ascender	325 CID (5.3L) 16V V8 General Motors Vortec LM4	2003-2006	15
Ascender	325 CID (5.3L) 16V V8 General Motors Vortec LH6	2003-2006	15
Axiom	3494 CC (3.5L) DOHC 24V V6 6VE1	2002-2004	12
Hombre	134 CID (2.2L) 8V L4 General Motors Vortec LN2	1996-2000	3
Hombre	262 CID (4.3L) 12V V6 General Motors Vortec L35	1997-2000	14
Hombre	262 CID (4.3L) 12V V6 General Motors Vortec LU3	1997-2000	14
i-280	169 CID (2.8L) DOHC 16V L4 General Motors LK5	2006	7
i-290	178 CID (2.9L) DOHC 16V L4 General Motors LLV	2007-2008	8
i-350	211 CID (3.5L) DOHC 20V L5 General Motors L52	2006	9
i-370	223 CID (3.7L) DOHC 20V L5 General Motors LLR	2007-2008	10
Impulse	1588 CC (1.6L) DOHC 16V L4 4XE1W	1990-1991	1
Impulse	1588 CC (1.6L) DOHC 16V Turbo. L4 4XE1WT	1991-1992	1
Oasis	2156 CC (2.2L) SOHC 16V L4 Honda F22B6	1996-1997	2
Oasis	2254 CC (2.3L) SOHC 16V L4 Honda VTEC F23A7	1998-1999	5
Pickup	2254 CC (2.3L) SOHC 8V L4 4ZD1 Carbureted	1990-1994	4
Pickup	2254 CC (2.3L) SOHC 8V L4 4ZD1	1995	4
Pickup	2559 CC (2.6L) SOHC 8V L4 4ZE1	1990-1995	6
Pickup	189 CID (3.1L) 12V V6 General Motors Chevrolet CPC (LG6)	1991-1994	11
Rodeo	2559 CC (2.6L) SOHC 8V L4 4ZE1	1991-1997	6
Rodeo	189 CID (3.1L) 12V V6 General Motors Chevrolet CPC (LG6)	1991-1992	11
Rodeo	3165 CC (3.2L) SOHC 24V V6 6VD1	1993-1997	12
Rodeo	3165 CC (3.2L) DOHC 24V V6 6VD1	1998-2004	12
Rodeo Sport	3165 CC (3.2L) DOHC 24V V6 6VD1	2001-2003	12



MODEL	ENGINE	YEAR	BLOCK
Stylus	1588 CC (1.6L) SOHC 12V L4 4XE1	1991-1993	1
Stylus	1588 CC (1.6L) DOHC 16V L4 4XE1W	1991	1
Trooper	2559 CC (2.6L) SOHC 8V L4 4ZE1	1990-1991	6
Trooper	173 CID (2.8L) 12V V6 General Motors Chevrolet LL2	1990-1991	11
Trooper	3165 CC (3.2L) SOHC 24V V6 6VD1	1992-1997	12
Trooper	3165 CC (3.2L) DOHC 24V V6 6VD1	1992-1995	12
Trooper	3494 CC (3.5L) DOHC 24V V6 6VE1	1998-2002	12
Trooper II	173 CID (2.8L) 12V V6 General Motors Chevrolet LL2	1990-1991	11
VehiCROSS	3494 CC (3.5L) DOHC 24V V6 6VE1	1999-2001	12

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK
KN224	3.031in/77.0mm	12

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1588 CC (1.6L) SOHC 12V L4 4XE1 VIN Code: '6' (1991-1993)			3.150"/80.0mm x 3.110"/79.0mm				1
	1588 CC (1.6L) DOHC 16V L4 4XE1W VIN Code: '5' (1990-1991)			3.150"/80.0mm x 3.110"/79.0mm				
	1588 CC (1.6L) DOHC 16V Turbo. L4 4XE1WT VIN Code: '4' (1991-1992)			3.150"/80.0mm x 3.110"/79.0mm				
Rod Bearing (4)	TM-1	CB-1478P	STD.,.25mm,.50mm	1.5726/1.5734	0.0008/0.0025	0.0591	1.6922/1.6929	0.6690
2	2156 CC (2.2L) SOHC 16V L4 Honda F22B6 VIN Code: '4' (1996-1997)			3.346"/85.0mm x 3.740"/95.0mm				2
Rod Bearing (4)	TM-1	CB-1456P	STD.,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0590	2.0079/2.0087	0.7640
Main Bearing Set 1-2-3-4-5	TM-1	MS-2012P MB-3474P	STD.,.25mm,.50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-587S								
Thrust Washer Set		TW-587S MB-3474W	STD	2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012P								
3	134 CID (2.2L) 8V L4 General Motors Vortec VIN Code: '4 [LN2]' (1996-2000)			3.504"/89.0mm x 3.465"/88.0mm				3
Rod Bearing (4)	AL-5	CB-745A	STD.,10.,20.,30.	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Rod Bearing (4)	TM-77	CB-745P	STD,1,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-5 3 4	AL-5	MS-2205A MB-2854A MB-3749A MB-2883A(F)	STD.,10.,20.,30.	2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420 0.8190 0.9420
For Year(s): 1998-2000								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
3 (cont.)	134 CID (2.2L) 8V L4 General Motors Vortec VIN Code: '4 [LN2]' (1996-2000)			3.504"/89.0mm x 3.465"/88.0mm				3 (cont.)
Main Bearing Set 1-2-5 3 4	TM-77	MS-2205P MB-2854P MB-3749P MB-2883P(F)	STD,10,20,30	2.4944/2.4954 2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0006/0.0036 0.0009/0.0039	0.0955 0.0955 0.0955	2.6870/2.6880 2.6870/2.6880 2.6870/2.6880	0.7420 0.8190 0.9420
For Year(s): 1998-2000								
Main Bearing Set 1-2-3-5 4	AL-5	MS-1704A MB-2854A MB-2883A(F)	STD•,10•,20•,30•	2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0009/0.0039	0.0955 0.0955	2.6870/2.6880 2.6870/2.6880	0.7420 0.9420
For Year(s): 1996-1997								
Main Bearing Set 1-2-3-5 4	TM-77	MS-1704P MB-2854P MB-2883P(F)	STD,10,20,30	2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0009/0.0039	0.0955 0.0955	2.6870/2.6880 2.6870/2.6880	0.7420 0.9420
For Year(s): 1996-1997								
Cam Bearing Set 1 2-5 3-4	B-1	SH-1365S SH-1365 SH-1364 SH-1363	STD	1.8677/1.8697 1.8677/1.8697 1.8677/1.8697	0.0010/0.0062 0.0012/0.0053 0.0011/0.0057	0.0741 0.0691 0.0640	2.0189/2.0209 2.0091/2.0100 1.9988/2.0002	0.6300 0.6300 0.6350
4	2254 CC (2.3L) SOHC 8V L4 4ZD1 Carbureted VIN Code: 'L' (1990-1994)			3.516"/89.3mm x 3.543"/90.0mm				4
	2254 CC (2.3L) SOHC 8V L4 4ZD1 VIN Code: 'L' (1995)			3.516"/89.3mm x 3.543"/90.0mm				
Rod Bearing (4)	TM-77	CB-1654P	STD,.25mm,.50mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Main Bearing Set 1-2-3-4-5	TM-1	MS-1775P MB-3061P	STD,.25mm,.50mm,.75mm	2.2016/2.2020	0.0013/0.0028	0.0790	2.3612/2.3622	0.8606
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1775P								
5	2254 CC (2.3L) SOHC 16V L4 Honda VTEC F23A7 VIN Code: '-' (1998-1999)			3.386"/86.0mm x 3.820"/97.0mm				5
Rod Bearing (4)	TM-77	CB-1860P	STD,.25mm,.50mm	1.7707/1.7717		0.0596	1.8898	0.6102
6	2559 CC (2.6L) SOHC 8V L4 4ZE1 VIN Code: 'E' (1990-1997)			3.646"/92.6mm x 3.736"/95.0mm				6
Rod Bearing (4)	AL-3	CB-1480AL	STD,.25mm,.50mm	1.9262/1.9268	0.0010/0.0026	0.0596	2.0466/2.0474	0.8320
Main Bearing Set 1-2-3-4-5	TM-1	MS-1821AL MB-3210AL	STD,.25mm,.50mm	2.2016/2.2022	0.0012/0.0028	0.0791	2.3614/2.3622	0.8610
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1821AL								
7	169 CID (2.8L) DOHC 16V L4 General Motors VIN Code: '8 [LK5]' (2006)			3.661"/93.0mm x 4.016"/102.0mm				7
Rod Bearing (4)	AL-5	CB-1811A	STD•,10•,20•,30•	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (4)	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (4)	AL-5	CB-1816A-10	20•,30•	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
7	169 CID (2.8L) DOHC 16V L4 General Motors			3.661"/93.0mm x 4.016"/102.0mm				7
(cont.)	VIN Code: '8 [LK5]' (2006)							(cont.)
Rod Bearing (4)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-3	MS-2249AL	STD,10,20,30•					
1-2-4-5		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
3		MB-3782A(F)		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980
Cam Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
Piston Pin Bushing (4)	C-1	223-3664	STD	0.9054/0.9055			0.0540	1.0133/1.0148
NOTE: Requires Light Reaming								
Piston Pin Bushing (4)	C-1	223-3668	STD	0.9054/0.9055			0.0630	1.0133/1.0148
NOTE: Requires Boring								
8	178 CID (2.9L) DOHC 16V L4 General Motors			3.760"/95.5mm x 4.000"/101.6mm				8
	VIN Code: '9 [LLV]' (2007-2008)							
Rod Bearing (4)	AL-5	CB-1882A	STD,•,10•,20•,30•	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Rod Bearing (4)	AL-5	CB-1883A-10	20•,30•	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-3	MS-2249AL	STD,10,20,30•					
1-2-4-5		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
3		MB-3782A(F)		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980
Cam Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
5 CYL								
9	211 CID (3.5L) DOHC 20V L5 General Motors			3.661"/93.0mm x 4.016"/102.0mm				9
	VIN Code: '6 [L52]' (2006)							
Rod Bearing (5)	AL-5	CB-1811A	STD,•,10•,20•,30•	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (5)	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (5)	AL-5	CB-1816A-10	20•,30•	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (5)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-3	MS-2250AL	STD,10,20,30•					
1-2-3-5-6		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
4		MB-3782A(F)		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980
Cam Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
Piston Pin Bushing (5)	C-1	223-3664	STD	0.9054/0.9055			0.0540	1.0133/1.0148
NOTE: Requires Light Reaming								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
5 CYL (cont.)								
9	211 CID (3.5L) DOHC 20V L5 General Motors			3.661"/93.0mm x 4.016"/102.0mm				9
(cont.)	VIN Code: '6 [L52]' (2006)							(cont.)
Piston Pin	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350
Bushing (5)								
NOTE: Requires Boring								
10	223 CID (3.7L) DOHC 20V L5 General Motors			3.760"/95.5mm x 4.020"/102.0mm				10
	VIN Code: 'E [LLR]' (2007-2008)							
Rod Bearing (5)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Rod Bearing (5)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-3	MS-2250AL	STD,10,20,30					
1-2-3-5-6		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
4		MB-3782A(F)		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980
Cam Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
6 CYL								
11	173 CID (2.8L) 12V V6 General Motors Chevrolet			3.500"/88.9mm x 2.992"/76.0mm				11
	VIN Code: 'R [LL2]' (1990-1991)							
	189 CID (3.1L) 12V V6 General Motors Chevrolet			3.504"/89.0mm x 3.307"/84.0mm				
	VIN Code: 'Z [CPC (LG6)]' (1991-1994)							
Rod Bearing (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	TM-77	CB-1238P	STD,.026mm,.25mm .50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Rod Bearing (6)	AL-5	CB-1797A	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2037A	STD,.25mm,.50mm,.75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3513A(F)		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9420
<i>(To Be Replaced By MS-2273A)</i>								
Main Bearing Set	TM-77	MS-2037P	STD,.25mm,.50mm,.75mm					
1-4		MB-3511P		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512P		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3513P(F)		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9420
<i>(To Be Replaced By MS-2273A)</i>								
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm .75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6479	0.0004/0.0032	0.0959	2.8407/2.8412	0.9420
Cam Bearing Set	B-1	SH-1364S	STD,80					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
NOTE: SH-1364S-80 Contains .080" Oversize Outside Diameter Bearings								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
12	3165 CC (3.2L) SOHC 24V V6 6VD1 VIN Code: 'V' (1992-1997)			3.677"/93.4mm x 3.031"/77.0mm				12
	3165 CC (3.2L) DOHC 24V V6 6VD1 VIN Code: 'W' (1992-1995, 1998-2004)			3.677"/93.4mm x 3.031"/77.0mm				
	3494 CC (3.5L) DOHC 24V V6 6VE1 VIN Codes: 'X' (1998-2003), 'Y' (2004)			3.677"/93.4mm x 3.346"/85.0mm				
Rod Bearing (6)	TM-1	CB-1830P	STD,.25mm,.50mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740
Main Bearing Set 1-4 2-3	TM-1	MS-2236P MB-3805P MB-3806P	STD,.25mm,.50mm	2.5165/2.5170 2.5165/2.5170	0.0010/0.0033 0.0010/0.0033	0.0995	2.7157/2.7165	0.7280 0.6500
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-615S								
Thrust Washer Set		TW-615S MB-3807W	STD	2.7953/2.8051				0.0770
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2236P								
Crankshaft Forging KN224								
13	254 CID (4.2L) DOHC 24V L6 General Motors Vortec VIN Code: 'S [LL8]' (2003-2008)			3.661"/93.0mm x 4.016"/102.0mm				13
Rod Bearing (6) For Year(s): 2006-2008 NOTE: 2006 with Oil Hole in Bearing	AL-5	CB-1882A	STD•,10•,20•,30•	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Rod Bearing (6) For Year(s): 2006-2008 NOTE: 2006 with Oil Hole in Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)	AL-5	CB-1883A-10	20•,30•	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
Rod Bearing (6) For Year(s): 2003-2006 NOTE: 2006, No Oil Hole In Bearing	AL-5	CB-1811A	STD•,10•,20•,30•	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (6) For Year(s): 2003-2006 NOTE: 2006, No Oil Hole In Bearing	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
Rod Bearing (6) For Year(s): 2003-2006 NOTE: 2006, No Oil Hole In Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)	AL-5	CB-1816A-10	20•,30•	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
Rod Bearing (6) For Year(s): 2003-2006 NOTE: 2006, No Oil Hole In Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
Main Bearing Set 1-2-3-4-6-7 5	AL-3	MS-2224AL MB-3781A MB-3782A(F)	STD,10,20,30•	2.7546/2.7552 2.7546/2.7552	0.0003/0.0020 0.0003/0.0020	0.1592	3.0736/3.0743	0.8141 0.9980
Piston Pin Bushing (6) For Year(s): 2003-2007 NOTE: Requires Light Reaming	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
Piston Pin Bushing (6) For Year(s): 2003-2007 NOTE: Requires Boring	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
14	262 CID (4.3L) 12V V6 General Motors Vortec			4.000"/101.6mm x 3.484"/88.4mm				14
VIN Codes: 'W [L35]' (2000), 'X [LU3]' (1997-1999)								
Rod Bearing (6)	AL-5	CB-1358A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Rod Bearing (6)	TM-77	CB-1358P	STD,1,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Rod Bearing (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Rod Bearing (6)	TM-77	CB-1794P-10	20,30,40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3 4	AL-5	MS-1454A MB-2508A MB-2509A(F)	STD,10,20,30	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7180
NOTE: Grooved Upper Half And Plain Lower Half								
Main Bearing Set 1-2-3 4	TM-77	MS-1454P MB-2508P MB-2509P(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7180
NOTE: Grooved Upper Half And Plain Lower Half								
Main Bearing Set 1-2-3 4	TM-77	MS-2215P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7280
NOTE: Contains .010" Oversize Length Flanged Bearing								
Balance Shaft Bearing Set Rear	B-1	SH-1798S SH-1798	STD	1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
NOTE: Except Engines With Roller Bearings								
Cam Bearing Set 1 2-4 3	B-1	SH-1350S SH-290 SH-288 SH-287	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7500 0.7500 0.7500
For Year(s): 1997-2000								
NOTE: Except Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
Cam Bearing Set 1-4 2 3	B-1	SH-1351S SH-290 SH-287 SH-288	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0644 0.0694	2.0190/2.0210 2.0090/2.0110 2.0090/2.0110	0.7500 0.7500 0.7500
NOTE: Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
8 CYL								
15	325 CID (5.3L) 16V V8 General Motors Vortec			3.780"/96.0mm x 3.622"/92.0mm				15
VIN Codes: 'M [LH6]' (2005-2006), 'P [LM4]' (2003-2004)								
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-5	MS-2199A MB-3591A MB-3592A(F)	STD,10,20,30	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957 0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20,30	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957 0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
15	325 CID (5.3L) 16V V8 General Motors Vortec			3.780"/96.0mm x 3.622"/92.0mm				15
(cont.)	VIN Codes: 'M [LH6]' (2005-2006), 'P [LM4]' (2003-2004)							
Cam Bearing Set	B-1	SH-1995S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480" For Year: 2003-2006 <i>(To Be Replaced By SH-2125S)</i>								
Cam Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore is 2.3460" / 2.3480" For Year: 2003-2006								
Cam Bearing Set	B-1	SH-1814S	STD					
1-5		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
2-4		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
For Year(s): 2003 NOTE: 2003, 1st Design, Position Number 1 And 5 Housing Bore is 2.3260" / 2.3280"								

JAGUAR

ENGINE	YEAR	BORE & STROKE	BLOCK
181 CID (3.0L) DOHC 24V V6 Ford Duratec	2000-2008	3.504"/89.0mm X 3.130"/79.5mm	1

MODEL	ENGINE	YEAR	BLOCK
S-Type	181 CID (3.0L) DOHC 24V V6 Ford Duratec	2000-2008	1
X-Type	181 CID (3.0L) DOHC 24V V6 Ford Duratec	2002-2008	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	181 CID (3.0L) DOHC 24V V6 Ford Duratec			3.504"/89.0mm x 3.130"/79.5mm				1
	VIN Codes: 'A' (2006-2008), 'C' (2003-2008), 'F' (2000-2002), 'T' (2003-2005)							
Rod Bearing (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6)	TM-77	CB-1772P	STD, .25mm, .50mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6)	AL-5	CB-1845A-.25mm.50mm, .75mm		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
1 (cont.)	181 CID (3.0L) DOHC 24V V6 Ford Duratec			3.504"/89.0mm x 3.130"/79.5mm				1 (cont.)
VIN Codes: 'A' (2006-2008), 'C' (2003-2008), 'F' (2000-2002), 'T' (2003-2005)								
Rod Bearing (6)	TM-77	CB-1845P-.25mm	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2207A	STD, .25mm, .50mm, .75mm	2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
1-2-3		MB-3750A		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
4		MB-3751A(F)						
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Main Bearing Set	TM-77	MS-2207P	STD, .25mm, .50mm	2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
1-2-3		MB-3750P		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
4		MB-3751P(F)						
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Piston Pin Bushing (6)	C-1	223-3651	STD			0.0740	0.9456/0.9467	0.8445
For Year(s): 2000-2002								
NOTE: Requires Light Reaming								

JEEP

ENGINE	YEAR	BORE & STROKE	BLOCK
148 CID (2.4L) DOHC 16V L4 Chrysler	2002-2006	3.445"/87.5mm X 3.976"/101.0mm	1
150 CID (2.5L) 8V L4	1990-2002	3.875"/98.4mm X 3.190"/81.0mm	2
226 CID (3.7L) SOHC 12V V6 Chrysler Power-Tech	2002-2009	3.661"/93.0mm X 3.575"/90.7mm	3
231 CID (3.8L) 12V V6 Chrysler	2007-2010	3.780"/96.0mm X 3.425"/87.0mm	4
242 CID (4.0L) 12V L6	1990-2006	3.875"/98.4mm X 3.406"/86.5mm	5
258 CID (4.2L) 12V L6 Carbureted	1990	3.750"/95.3mm X 3.906"/99.2mm	6
287 CID (4.7L) SOHC 16V V8 Chrysler Power-Tech	1999-2009	3.661"/93.0mm X 3.406"/86.5mm	7
318 CID (5.2L) 16V V8 Chrysler Magnum	1993-1998	3.910"/99.3mm X 3.313"/84.2mm	8
345 CID (5.7L) 16V V8 Chrysler HEMI	2005-2010	3.917"/99.5mm X 3.580"/90.9mm	9
360 CID (5.9L) 16V V8 Chrysler Magnum	1998	4.000"/101.6mm X 3.578"/90.9mm	10
360 CID (5.9L) 16V V8 Carbureted	1990-1991	4.080"/103.6mm X 3.438"/87.3mm	11
370 CID (6.1L) 16V V8 Chrysler HEMI	2006-2010	4.055"/103.0mm X 3.580"/90.9mm	12

MODEL	ENGINE	YEAR	BLOCK
Cherokee	150 CID (2.5L) 8V L4	1990-2000	2
Cherokee	242 CID (4.0L) 12V L6	1990-2001	5
Comanche	150 CID (2.5L) 8V L4	1990-1992	2
Comanche	242 CID (4.0L) 12V L6	1990-1992	5
Commander	226 CID (3.7L) SOHC 12V V6 Chrysler Power-Tech	2006-2009	3
Commander	287 CID (4.7L) SOHC 16V V8 Chrysler Power-Tech	2006-2009	7
Commander	345 CID (5.7L) 16V V8 Chrysler HEMI EZB	2006-2010	9
Commander	345 CID (5.7L) 16V V8 Chrysler HEMI EZH	2006-2010	9
Commander	345 CID (5.7L) 16V V8 Chrysler HEMI	2006-2010	9
Commander	345 CID (5.7L) 16V V8 Chrysler HEMI EZD	2006-2010	9



MODEL	ENGINE	YEAR	BLOCK
Grand Cherokee	226 CID (3.7L) SOHC 12V V6 Chrysler Power-Tech	2005-2009	3
Grand Cherokee	242 CID (4.0L) 12V L6	1993-2004	5
Grand Cherokee	287 CID (4.7L) SOHC 16V V8 Chrysler Power-Tech	1999-2009	7
Grand Cherokee	318 CID (5.2L) 16V V8 Chrysler Magnum	1993-1998	8
Grand Cherokee	345 CID (5.7L) 16V V8 Chrysler HEMI	2005-2010	9
Grand Cherokee	345 CID (5.7L) 16V V8 Chrysler HEMI EZD	2005-2010	9
Grand Cherokee	345 CID (5.7L) 16V V8 Chrysler HEMI EZB	2005-2010	9
Grand Cherokee	345 CID (5.7L) 16V V8 Chrysler HEMI EZH	2005-2010	9
Grand Cherokee	360 CID (5.9L) 16V V8 Chrysler Magnum	1998	10
Grand Cherokee	370 CID (6.1L) 16V V8 Chrysler HEMI	2006-2010	12
Grand Wagoneer	318 CID (5.2L) 16V V8 Chrysler Magnum	1993	8
Grand Wagoneer	360 CID (5.9L) 16V V8 Carbureted	1990-1991	11
Liberty	148 CID (2.4L) DOHC 16V L4 Chrysler	2002-2005	1
Liberty	226 CID (3.7L) SOHC 12V V6 Chrysler Power-Tech	2002-2009	3
TJ	148 CID (2.4L) DOHC 16V L4 Chrysler	2003, 2005-2006	1
TJ	150 CID (2.5L) 8V L4	1997-2002	2
TJ	242 CID (4.0L) 12V L6	1997-2006	5
Wagoneer	242 CID (4.0L) 12V L6	1990	5
Wrangler	148 CID (2.4L) DOHC 16V L4 Chrysler	2003-2006	1
Wrangler	150 CID (2.5L) 8V L4	1990-1995, 1997-2002	2
Wrangler	231 CID (3.8L) 12V V6 Chrysler	2007-2010	4
Wrangler	242 CID (4.0L) 12V L6	1991-1995, 1997-2006	5
Wrangler	258 CID (4.2L) 12V L6 Carbureted	1990	6

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
1618699	3.313in/84.2mm	8	3182749	3.906in/99.2mm	6	4448903	3.425in/87.0mm	4
207	3.906in/99.2mm	6	3196750	3.438in/87.3mm	11	699	3.313in/84.2mm	8
2406782	3.313in/84.2mm	8	3197047	3.438in/87.3mm	11	707	3.438in/87.3mm	11
3172341	3.906in/99.2mm	6	338	3.906in/99.2mm	6	707	3.906in/99.2mm	6
3173210	3.906in/99.2mm	6	3418645	3.313in/84.2mm	8	782	3.313in/84.2mm	8
3180444	3.906in/99.2mm	6	351	3.190in/81.0mm	2			
3182749	3.438in/87.3mm	11	352	3.906in/99.2mm	6			

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
1626123	3.313in/84.2mm	8	2656278	3.313in/84.2mm	8	3208794	3.906in/99.2mm	6
1630270	3.313in/84.2mm	8	2658268	3.313in/84.2mm	8	3213754	3.438in/87.3mm	11
1630276	3.313in/84.2mm	8	2658278	3.313in/84.2mm	8	3214722	3.906in/99.2mm	6
1650270	3.313in/84.2mm	8	2658393	3.313in/84.2mm	8	3214723	3.906in/99.2mm	6
1732557	3.313in/84.2mm	8	2843868	3.313in/84.2mm	8	3214724	3.438in/87.3mm	11
1732559	3.313in/84.2mm	8	3159292	3.438in/87.3mm	11	3235477	3.906in/99.2mm	6
1732610	3.313in/84.2mm	8	3160035	3.906in/99.2mm	6	3239611	3.190in/81.0mm	2
1826123	3.313in/84.2mm	8	3169034	3.906in/99.2mm	6	3418640	3.578in/90.9mm	10
1826129	3.313in/84.2mm	8	3172218	3.906in/99.2mm	6	3418840-2	3.578in/90.9mm	10
1830276	3.313in/84.2mm	8	3172218R	3.906in/99.2mm	6	3418995	3.578in/90.9mm	10
2128278	3.313in/84.2mm	8	3178451C	3.438in/87.3mm	11	3462387	3.313in/84.2mm	8
2128869	3.313in/84.2mm	8	3188945	3.906in/99.2mm	6	3482387	3.313in/84.2mm	8
2205700	3.313in/84.2mm	8	3188947	3.906in/99.2mm	6	3654	3.425in/87.0mm	4
2205702	3.313in/84.2mm	8	3193816	3.438in/87.3mm	11	3751841	3.313in/84.2mm	8
2258393	3.313in/84.2mm	8	3195292	3.438in/87.3mm	11	4027169	3.578in/90.9mm	10
2264182	3.313in/84.2mm	8	3199738C	3.906in/99.2mm	6	4487237	3.438in/87.3mm	11
2465747	3.313in/84.2mm	8	3199798	3.906in/99.2mm	6	53020683	3.406in/86.5mm	7
2532457	3.313in/84.2mm	8	3204904	3.906in/99.2mm	6	53021409AA	3.406in/86.5mm	7
2558393	3.313in/84.2mm	8	3208627	3.906in/99.2mm	6	RD51261	3.438in/87.3mm	11



CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
RD67703	3.906in/99.2mm	6	RDJ1261	3.438in/87.3mm	11

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
1 148 CID (2.4L) DOHC 16V L4 Chrysler				3.445"/87.5mm x 3.976"/101.0mm					4 CYL
VIN Code: '1' (2002-2006)									1
Rod Bearing (4)	AL-5	CB-1813A	STD•,.25mm•,.50mm•	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Rod Bearing (4)	TM-77	CB-1813P	STD,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Rod Bearing (4)	AL-5	CB-1817A-.25mm.50mm•		1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Rod Bearing (4)	TM-77	CB-1817P-.25mm.50mm		1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set 1-2-4-5 3	AL-5	MS-2201A MB-3594A MB-3595A(F) <i>(To Be Replaced By MS-2279A)</i>	STD,.25mm,.50mm	2.3617/2.3627 2.3617/2.3627	0.0005/0.0029 0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970	
Main Bearing Set 1-2-4-5 3	TM-77	MS-2201P MB-3594P MB-3595P(F) <i>(To Be Replaced By MS-2279P)</i>	STD,.25mm,.50mm	2.3617/2.3627 2.3617/2.3627	0.0005/0.0029 0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970	
Main Bearing Set 1-2-4-5 3	AL-5	MS-2279A MB-3594A MB-3907A(F)	STD•,.25mm•,.50mm•	2.3617/2.3627 2.3617/2.3627	0.0005/0.0029 0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970	
Main Bearing Set 1-2-4-5 3	TM-77	MS-2279P MB-3594P MB-3907P(F)	STD•,.25mm•,.50mm•	2.3617/2.3627 2.3617/2.3627	0.0005/0.0029 0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970	
2 150 CID (2.5L) 8V L4				3.875"/98.4mm x 3.190"/81.0mm					2
VIN Codes: 'E' (1990), 'P' (1991-2002)									
Rod Bearing (4)	AL-5	CB-960A	STD•,10•,20•,30•	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370	
Rod Bearing (4)	TM-77	CB-960P	STD,1,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370	
Main Bearing Set 1-3-4-5 2	AL-5	MS-1948A MB-3337A MB-3338A(F)	STD•,10•,20•,30•	2.4996/2.5001 2.4996/2.5001	0.0006/0.0031 0.0003/0.0028	0.0953	2.6910/2.6920	0.9860 1.2700	
For Year(s): 1991-2002									
Main Bearing Set 1-3-4-5 2	TM-77	MS-1948P MB-3337P MB-3338P(F)	STD,10,20	2.4996/2.5001 2.4996/2.5001	0.0006/0.0031 0.0003/0.0028	0.0953	2.6910/2.6920	0.9860 1.2700	
For Year(s): 1991-2002									
Main Bearing Set 1-3-4-5 2	TM-77	MS-1568P MB-2263P MB-2264P(F)	STD,10,20,30	2.4996/2.5001 2.4996/2.5001	0.0006/0.0031 0.0006/0.0031	0.0953	2.6910/2.6920	0.9860 1.2700	
For Year(s): 1990									

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
2	150 CID (2.5L) 8V L4			3.875"/98.4mm x 3.190"/81.0mm				2
(cont.)	VIN Codes: 'E' (1990), 'P' (1991-2002)							(cont.)
Cam Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
Connecting Rod Forging	351							
Crankshaft Forging	3239611							
6 CYL								
3	226 CID (3.7L) SOHC 12V V6 Chrysler Power-Tech			3.661"/93.0mm x 3.575"/90.7mm				3
	VIN Code: 'K' (2002-2009)							
Rod Bearing (6)	AL-5	CB-1818A	STD•,.25mm•,.50mm•	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Rod Bearing (6)	TM-77	CB-1818P	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Rod Bearing (6)	AL-5	CB-1819A-.25mm.50mm•		2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1819P-.25mm.50mm		2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2244A	STD•,.25mm•,.50mm•					
1-2-3-4		MB-3790A		2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Main Bearing Set	TM-77	MS-2244P	STD,.25mm,.50mm					
1-2-3-4		MB-3790P		2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Main Bearing Set	AL-5	MS-2286A-.25mm.50mm•						
1-2-3-4		MB-3922A		2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines with .002" Larger Housing Bore Diameter Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Thrust Washer Set		TW-608S	STD					
		MB-3771W		2.8010/2.8210			3.5890/3.6140	0.0980
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2244A, MS-2244P, MS-2286A								
Aux. Shaft Bearing Set	B-1	SH-1997S	STD					
Front		SH-1997		2.2042/2.2052	0.0020/0.0053	0.0728	2.3528/2.3539	0.7150
Rear		SH-1998		1.1412/1.1422	0.0020/0.0053	0.0728	1.2898/1.2909	0.7150
4	231 CID (3.8L) 12V V6 Chrysler			3.780"/96.0mm x 3.425"/87.0mm				4
	VIN Code: '1' (2007-2010)							
Rod Bearing (6)	AL-5	CB-1410A	STD•,.25mm•,.50mm .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Rod Bearing (6)	TM-77	CB-1410P	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Rod Bearing (6)	AL-5	CB-1887A-.25MM.50mm•,.75mm•		2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1946A	STD•,.25mm•,.50mm•					
1-3-4		MB-3340A	.75mm•	2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
4	231 CID (3.8L) 12V V6 Chrysler			3.780"/96.0mm x 3.425"/87.0mm				4
(cont.)	VIN Code: '1' (2007-2010)							(cont.)
Main Bearing Set	TM-77	MS-1946P	STD,.25mm					
1-3-4		MB-3340P		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Cam Bearing Set	B-1	SH-1405S	STD					
1		SH-1405		1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400
2		SH-1406		1.9800/1.9820	0.0010/0.0040	0.0648	2.1135/2.1145	0.6200
3		SH-1407		1.9650/1.9670	0.0010/0.0040	0.0658	2.0985/2.0995	0.6200
4		SH-1408		1.9500/1.9520	0.0010/0.0040	0.0648	2.0825/2.0835	0.6200
For Year(s): 2007-2009								
Connecting Rod Forging	4448903							
Crankshaft Forging	3654							
5	242 CID (4.0L) 12V L6			3.875"/98.4mm x 3.406"/86.5mm				5
	VIN Codes: 'L' (1990), 'S' (1991-2006)							
Rod Bearing (6)	AL-5	CB-960A	STD•,10•,20•,30•	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Rod Bearing (6)	TM-77	CB-960P	STD,1,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set	AL-5	MS-1947A	STD•,10•,20•,30•					
1-2-4-5-6-7		MB-3337A		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-3338A(F)		2.4996/2.5001	0.0003/0.0028	0.0953	2.6910/2.6920	1.2700
For Year(s): 1991-2006								
Main Bearing Set	TM-77	MS-1947P	STD,10,20					
1-2-4-5-6-7		MB-3337P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-3338P(F)		2.4996/2.5001	0.0003/0.0028	0.0953	2.6910/2.6920	1.2700
For Year(s): 1991-2006								
Main Bearing Set	TM-77	MS-704P	STD,10,20,30,40					
1-2-4-5-6-7		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-2264P(F)		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
For Year(s): 1990								
Cam Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
6	258 CID (4.2L) 12V L6 Carbureted			3.750"/95.3mm x 3.906"/99.2mm				6
	VIN Code: 'T' (1990)							
Rod Bearing (6)	AL-5	CB-960A	STD•,10•,20•,30•	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Rod Bearing (6)	TM-77	CB-960P	STD,1,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set	TM-77	MS-704P	STD,10,20,30,40					
1-2-4-5-6-7		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-2264P(F)		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
Cam Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
Connecting Rod Forging	207, 3172341, 3173210, 3180444, 3182749, 338, 352, 707							
Crankshaft Forging	3160035, 3169034, 3172218, 3172218R, 3188945, 3188947, 3199738C, 3199798, 3204904, 3208627, 3208794, 3214722, 3214723, 3235477, RD67703							

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
7	287 CID (4.7L) SOHC 16V V8 Chrysler Power-Tech			3.661"/93.0mm x 3.406"/86.5mm				7
VIN Codes: 'J' (2002-2004), 'N' (1999-2009), 'P' (2007, 2009)								
Rod Bearing (8) NOTE: with Locating Tab	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
Rod Bearing (8) NOTE: without Locating Tab	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0005/0.0023	0.0585	2.1257/2.1262	0.6550
Rod Bearing (8) NOTE: without Locating Tab	TM-77	CB-1854P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
<i>(To Be Replaced By CB-1854A)</i>								
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock with Locating Tab	TM-77	CB-1804P-.25mm	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock without Locating Tab	AL-5	CB-1855A-.25mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock without Locating Tab	TM-77	CB-1855P-.25mm	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
<i>(To Be Replaced By CB-1855A-.25mm)</i>								
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	AL-5	MS-2216A MB-3771A	STD•,.25mm•,.50mm•	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	TM-77	MS-2216P MB-3771P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
<i>(To Be Replaced By MS-2242P)</i>								
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Main Bearing Set 1-2-3-4-5 NOTE: Engines with .002" Larger Housing Bore Diameter Requires Thrust Washer Set, Not Included Use with Part Number TW-608S	AL-5	MS-2285A-.25mm	.50mm•	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
Thrust Washer Set NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2216A, MS-2216P, MS-2242P, MS-2285A		TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
Cam Bearing Set (2) 1-2-3-4-5 NOTE: Contains 5 Upper Halves And 5 Lower Halves, Each Set Will Service 1 Cylinder Head, Notching Of The Head And Cap For Locating Lug Will Be Required Housing Bore Will Need To Be Resized	B-1	SH-2020S SH-2020	STD	1.0227/1.0235	0.0010/0.0026	0.0418	1.1080/1.1090	0.5900
Crankshaft Forging	53020683, 53021409AA							



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
8	318 CID (5.2L) 16V V8 Chrysler Magnum			3.910"/99.3mm x 3.313"/84.2mm				8
VIN Code: 'Y' (1993-1998)								
Rod Bearing (8)	AL-5	CB-481A	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	TM-77	CB-481P	STD,1,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1779P-10	20	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4 3 5	AL-5	MS-1344A MB-2283A MB-2620A(F) MB-2559A	STD,10,20,30	2.4995/2.5005 2.4995/2.5005 2.4995/2.5005	0.0005/0.0026 0.0004/0.0025 0.0005/0.0026	0.0959 0.0958 0.0959	2.6925/2.6930 2.6925/2.6930 2.6925/2.6930	0.8770 1.1520 1.3270
Main Bearing Set 1-2-4 3 5	TM-77	MS-1344P MB-2283P MB-2620P(F) MB-2559P	STD,10,20	2.4995/2.5005 2.4995/2.5005 2.4995/2.5005	0.0005/0.0026 0.0004/0.0025 0.0005/0.0026	0.0959 0.0958 0.0959	2.6925/2.6930 2.6925/2.6930 2.6925/2.6930	0.8770 1.1520 1.3270
Cam Bearing Set 1 2 3 4 5	B-1	SH-1112S SH-875 SH-1112 SH-1113 SH-1114 SH-329	STD	1.9980/1.9990 1.9820/1.9830 1.9670/1.9680 1.9510/1.9520 1.5605/1.5615	0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0005/0.0045	0.0645 0.0645 0.0645 0.0645 0.0650	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835 1.6920/1.6930	0.9000 0.6300 0.6300 0.6300 0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: Requires Light Reaming								
Connecting Rod Forging 1618699, 2406782, 3418645, 699, 782								
Crankshaft Forging 1626123, 1630270, 1630276, 1650270, 1732557, 1732559, 1732610, 1826123, 1826129, 1830276, 2128278, 2128869, 2205700, 2205702, 2258393, 2264182, 2465747, 2532457, 2558393, 2656278, 2658268, 2658278, 2658393, 2843868, 3462387, 3482387, 3751841								
9	345 CID (5.7L) 16V V8 Chrysler HEMI			3.917"/99.5mm x 3.580"/90.9mm				9
VIN Codes: '2' (2005-2007), '2 [EZB]' (2005-2008), 'T [EZD]' (2009), 'T [EZH]' (2010)								
Rod Bearing (8)	AL-5	CB-1808A	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Rod Bearing (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Rod Bearing (8)	AL-5	CB-1809A-.25mm.50mm		2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1809P-.25mm.50mm		2.1257/2.1263	0.0008/0.0029	0.0636	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2220A MB-3780A	STD,.25mm,.50mm	2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2220P MB-3780P	STD,.25mm,.50mm	2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								
Thrust Washer Set		TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.1018
NOTE: Contains 2 Piece, Position Number 3 Use with Part Number MS-2220A, MS-2220P								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
9	345 CID (5.7L) 16V V8 Chrysler HEMI			3.917"/99.5mm x 3.580"/90.9mm				9
(cont.)	VIN Codes: '2' (2005-2007), '2 [EZB]' (2005-2008), 'T [EZD]' (2009), 'T [EZH]' (2010)							(cont.)
Cam Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
For Year(s): 2005-2009								
10	360 CID (5.9L) 16V V8 Chrysler Magnum			4.000"/101.6mm x 3.578"/90.9mm				10
	VIN Code: 'Z' (1998)							
Rod Bearing (8)	AL-5	CB-481A	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	TM-77	CB-481P	STD,1,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Rod Bearing (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (8)	TM-77	CB-1779P-10	20	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30					
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Main Bearing Set	TM-77	MS-1266P	STD,10,20,30					
1-2-4		MB-2622P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Cam Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Crankshaft Forging 3418640, 3418840-2, 3418995, 4027169								
11	360 CID (5.9L) 16V V8 Carbureted			4.080"/103.6mm x 3.438"/87.3mm				11
	VIN Code: '7' (1990-1991)							
Rod Bearing (8)	AL-5	CB-960A	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Rod Bearing (8)	TM-77	CB-960P	STD,1,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set	TM-77	MS-1041P	STD,10,20,30					
1-2-4-5		MB-2579P		2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	0.9280
3		MB-2578P(F)		2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	1.2700
Cam Bearing Set	B-1	SH-671S	STD					
1		SH-671		2.1195/2.1205	0.0010/0.0050	0.0620	2.2455/2.2465	0.9350
2		SH-672		2.0895/2.0905	0.0010/0.0050	0.0620	2.2155/2.2165	0.6400
3		SH-673		2.0595/2.0605	0.0010/0.0050	0.0620	2.1855/2.1865	0.6400
4		SH-674		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6400
5		SH-675		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.6400
Connecting Rod Forging 3182749, 3196750, 3197047, 707								
Crankshaft Forging 3159292, 3178451C, 3193816, 3195292, 3213754, 3214724, 4487237, RD51261, RDJ1261								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL				
12	370 CID (6.1L) 16V V8 Chrysler HEMI			4.055"/103.0mm x 3.580"/90.9mm				12
VIN Codes: '3' (2006-2008), 'W' (2009-2010)								
Rod Bearing (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Rod Bearing (8)	TM-77	CB-1809P-.25mm	.50mm	2.1257/2.1263	0.0008/0.0029	0.0636	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-611S								
Thrust Washer Set		TW-611S	STD					
		MB-3780W		2.8600/2.8800			3.6760	0.1018
NOTE: Contains 2 Piece, Position Number 3 Use with Part Number MS-2220P								
Cam Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
For Year(s): 2006-2009								

KIA

ENGINE	YEAR	BORE & STROKE	BLOCK
1597 CC (1.6L) SOHC 8V L4 Mazda B6	1994-1995	3.071"/78.0mm X 3.307"/84.0mm	1
1597 CC (1.6L) DOHC 16V L4 Mazda B6-ZE	1995-1997	3.071"/78.0mm X 3.307"/84.0mm	1
1794 CC (1.8L) DOHC 16V L4 Mazda 5BEP	1998-2004	3.189"/81.0mm X 3.425"/87.0mm	2
1839 CC (1.8L) DOHC 16V L4 Mazda BP	1995-1997	3.268"/83.0mm X 3.346"/85.0mm	1
1998 CC (2.0L) SOHC 8V L4 Mazda FE	1995	3.390"/86.1mm X 3.386"/86.0mm	3
1998 CC (2.0L) DOHC 16V L4 Mazda FED	1995-2002	3.390"/86.1mm X 3.386"/86.0mm	4
2351 CC (2.4L) DOHC 16V L4 Hyundai G4JS	2001-2006	3.406"/86.5mm X 3.937"/100.0mm	5

MODEL	ENGINE	YEAR	BLOCK
Optima	2351 CC (2.4L) DOHC 16V L4 Hyundai G4JS	2001-2006	5
Sepia	1597 CC (1.6L) SOHC 8V L4 Mazda B6	1994-1995	1
Sepia	1597 CC (1.6L) DOHC 16V L4 Mazda B6-ZE	1995-1997	1
Sepia	1794 CC (1.8L) DOHC 16V L4 Mazda 5BEP	1998-2001	2
Sepia	1839 CC (1.8L) DOHC 16V L4 Mazda BP	1995-1997	1
Spectra	1794 CC (1.8L) DOHC 16V L4 Mazda 5BEP	2000-2004	2
Sportage	1998 CC (2.0L) SOHC 8V L4 Mazda FE	1995	3
Sportage	1998 CC (2.0L) DOHC 16V L4 Mazda FED	1995-2002	4



CRANKSHAFT FORGING NUMBERS

FORGING NO STROKE BLOCK
 B6S7 3.307in/84.0mm 1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1597 CC (1.6L) SOHC 8V L4 Mazda B6 VIN Code: '1' (1994-1995)			3.071"/78.0mm x 3.307"/84.0mm				1
	1597 CC (1.6L) DOHC 16V L4 Mazda B6-ZE VIN Codes: '3' (1995-1997), '4' (1996-1997)			3.071"/78.0mm x 3.307"/84.0mm				
	1839 CC (1.8L) DOHC 16V L4 Mazda BP VIN Code: '5' (1995-1997)			3.268"/83.0mm x 3.346"/85.0mm				
Rod Bearing (4)	AL-3	CB-1453AL	STD,.25mm,.50mm,.75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Main Bearing Set 1-2-3-4-5	AL-3	MS-1802AL MB-3173AL	STD,.25mm,.50mm,.75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								
Crankshaft Forging B6S7								
2	1794 CC (1.8L) DOHC 16V L4 Mazda 5BEP VIN Codes: '1' (1998-2004), '5' (1998)			3.189"/81.0mm x 3.425"/87.0mm				2
Rod Bearing (4)	AL-3	CB-1453AL	STD,.25mm,.50mm,.75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
3	1998 CC (2.0L) SOHC 8V L4 Mazda FE VIN Code: '1' (1995)			3.390"/86.1mm x 3.386"/86.0mm				3
Rod Bearing (4)	AL-3	CB-1362AL	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
4	1998 CC (2.0L) DOHC 16V L4 Mazda FED VIN Code: '3' (1995-2002)			3.390"/86.1mm x 3.386"/86.0mm				4
Rod Bearing (4)	AL-3	CB-1455AL	STD,.25mm,.50mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Rod Bearing (4) For Year(s): 1995-1998	AL-3	CB-1362AL	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
5	2351 CC (2.4L) DOHC 16V L4 Hyundai G4JS VIN Code: '6' (2001-2006)			3.406"/86.5mm x 3.937"/100.0mm				5
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3	TM-1	MS-2076P MB-2869P MB-3572P(F)	STD,.25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060 1.1400
Balance Shaft Bearing Set LH; Rear RH; Front RH; Rear	AL-3	SH-1469S SH-1468 SH-1467 SH-1469	STD	1.6129 1.6526 1.6129	0.0010/0.0031 0.0010/0.0031 0.0010/0.0031	0.0589 0.0593 0.0589	1.7333 1.7726 1.7333	0.8268 0.7480 0.8268



ENGINE	YEAR	BORE & STROKE	BLOCK
2507 CC (2.5L) DOHC 24V V6 Toyota 2VZFE	1990-1991	3.445"/87.5mm X 2.756"/70.0mm	1
2959 CC (3.0L) DOHC 24V V6 Toyota 3VZFE	1992-1993	3.445"/87.5mm X 3.228"/82.0mm	2
2995 CC (3.0L) DOHC 24V V6 Toyota 1MZFE	1994-2003	3.445"/87.5mm X 3.268"/83.0mm	3
2997 CC (3.0L) DOHC 24V L6 Toyota 2JZGE	1992-2005	3.386"/86.0mm X 3.386"/86.0mm	4
4476 CC (4.5L) DOHC 24V L6 Toyota 1FZFE	1996-1997	3.937"/100.0mm X 3.740"/95.0mm	5
3969 CC (4.0L) DOHC 32V V8 Toyota 1UZFE	1990-2000	3.445"/87.5mm X 3.250"/82.6mm	6
4663 CC (4.7L) DOHC 32V V8 Toyota 2UZFE	1998-2009	3.701"/94.0mm X 3.307"/84.0mm	7

MODEL	ENGINE	YEAR	BLOCK
ES250	2507 CC (2.5L) DOHC 24V V6 Toyota 2VZFE	1990-1991	1
ES300	2959 CC (3.0L) DOHC 24V V6 Toyota 3VZFE	1992-1993	2
ES300	2995 CC (3.0L) DOHC 24V V6 Toyota 1MZFE	1994-2003	3
GS300	2997 CC (3.0L) DOHC 24V L6 Toyota 2JZGE	1993-2005	4
GS400	3969 CC (4.0L) DOHC 32V V8 Toyota 1UZFE	1998-2000	6
GX470	4663 CC (4.7L) DOHC 32V V8 Toyota 2UZFE	2003-2009	7
IS300	2997 CC (3.0L) DOHC 24V L6 Toyota 2JZGE	2001-2005	4
LS400	3969 CC (4.0L) DOHC 32V V8 Toyota 1UZFE	1990-2000	6
LX450	4476 CC (4.5L) DOHC 24V L6 Toyota 1FZFE	1996-1997	5
LX470	4663 CC (4.7L) DOHC 32V V8 Toyota 2UZFE	1998-2007	7
RX300	2995 CC (3.0L) DOHC 24V V6 Toyota 1MZFE	1999-2003	3
SC300	2997 CC (3.0L) DOHC 24V L6 Toyota 2JZGE	1992-2000	4
SC400	3969 CC (4.0L) DOHC 32V V8 Toyota 1UZFE	1992-2000	6

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK
B7	3.268in/83.0mm	3

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	2507 CC (2.5L) DOHC 24V V6 Toyota 2VZFE VIN Code: 'V' (1990-1991)			3.445"/87.5mm x 2.756"/70.0mm			1	
Rod Bearing (6)	TM-1	CB-1594P	STD,.25mm,.50mm	1.8892/1.8898	0.0009/0.0034	0.0586	2.0079/2.0088	0.6690
Main Bearing Set 1 2-3-4	TM-1	MS-1954P MB-3349P MB-3350P	STD,.25mm,.50mm	2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.8660 0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-554S								
Thrust Washer Set		TW-554S MB-3350W	STD	2.8051			3.4055	0.0980
NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-1954P								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
2	2959 CC (3.0L) DOHC 24V V6 Toyota 3VZFE			3.445"/87.5mm x 3.228"/82.0mm				2
VIN Code: 'V' (1992-1993)								
Rod Bearing (6)	TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Main Bearing Set 1	TM-1	MS-1954P	STD,.25mm,.50mm	2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.8660
2-3-4		MB-3349P MB-3350P		2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-554S								
Thrust Washer Set		TW-554S	STD	2.8051			3.4055	0.0980
MB-3350W NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-1954P								
3	2995 CC (3.0L) DOHC 24V V6 Toyota 1MZFE			3.445"/87.5mm x 3.268"/83.0mm				3
VIN Codes: 'F' (1996-2003), 'G' (1994-1995)								
Rod Bearing (6)	TM-1	CB-1833P	STD,.25mm,.50mm	2.0863/2.0866	0.0013/0.0031	0.0584	2.2047/2.2055	0.6300
Main Bearing Set 1-4	TM-1	MS-2240P	STD,.25mm,.50mm	2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.8860
2-3		MB-3815P MB-3814P		2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.7480
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-618S								
Thrust Washer Set		TW-618S	STD	2.6850/2.6949			3.2953/3.3051	0.0780
MB-3816W NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-2240P								
Crankshaft Forging B7								
4	2997 CC (3.0L) DOHC 24V L6 Toyota 2JZGE			3.386"/86.0mm x 3.386"/86.0mm				4
VIN Codes: 'D' (1996-2005), 'J' (1992-1995)								
Rod Bearing (6)	TM-1	CB-1628P	STD,.25mm	2.0465/2.0472	0.0014/0.0021	0.0595	2.1663/2.1670	0.7600
Main Bearing Set 1	AL-3	MS-2014AL	STD,.25mm	2.4403/2.4410	0.0010/0.0018	0.0791	2.5992/2.5998	0.9060
2-3-4-5-6-7		MB-3477AL MB-3550AL		2.4403/2.4410	0.0010/0.0018	0.0791	2.5992/2.5998	0.7880
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-589S								
Thrust Washer Set		TW-589S	STD	2.6535			3.2244	0.0776
MB-3477W(L) MB-3477W(U) NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2014AL								
2.6535							3.2244	0.0776
5	4476 CC (4.5L) DOHC 24V L6 Toyota 1FZFE			3.937"/100.0mm x 3.740"/95.0mm				5
VIN Code: 'J' (1996-1997)								
Rod Bearing (6)	TM-1	CB-1656AL	STD,.25mm,.50mm,.75mm	2.2434/2.2441	0.0013/0.0024	0.0687	2.3829/2.3836	0.8430
Main Bearing Set 1-2-3-4-5-6-7	TM-1	MS-2061AL	STD,.25mm,.50mm,.75mm	2.7158/2.7165	0.0015/0.0028	0.0981	2.9144/2.9151	0.9210
MB-3551AL NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-598S								
Thrust Washer Set		TW-598S	STD	2.9587			3.6969	0.0974
MB-3551W(L) MB-3551W(U) NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-2061AL								
2.9587							3.6969	0.0974



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
6	3969 CC (4.0L) DOHC 32V V8 Toyota 1UZFE			3.445"/87.5mm x 3.250"/82.6mm				6
VIN Codes: 'H' (1996-2000), 'U' (1990-1995)								
Rod Bearing (8)	TM-1	CB-1627P	STD	2.0465/2.0472	0.0010/0.0020		2.1654/2.1663	0.7677
Main Bearing Set	TM-1	MS-2013P	STD					
1-5		MB-3475P		2.6373/2.6378	0.0010/0.0018	0.0984	2.8346/2.8352	0.8860
2-3-4		MB-3476P		2.6373/2.6378	0.0010/0.0018	0.0984	2.8346/2.8352	0.7680
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-588S								
Thrust Washer Set		TW-588S	STD					
		MB-3476W(L)		2.8901			3.5162	0.8460
		MB-3476W(U)		2.8901			3.5162	0.8460
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2013P								
7	4663 CC (4.7L) DOHC 32V V8 Toyota 2UZFE			3.701"/94.0mm x 3.307"/84.0mm				7
VIN Code: 'T' (1998-2009)								
Thrust Washer Set		TW-588S	STD					
		MB-3476W(L)		2.8901			3.5162	0.8460
		MB-3476W(U)		2.8901			3.5162	0.8460
NOTE: Contains 4 Pieces, Position Number 3								

MAZDA

ENGINE	YEAR	BORE & STROKE	BLOCK
1489 CC (1.5L) DOHC 16V L4 Z5-DE	1995-1998	2.965"/75.3mm X 3.268"/83.0mm	1
1597 CC (1.6L) SOHC 16V L4 B6	1992-1993	3.071"/78.0mm X 3.307"/84.0mm	2
1597 CC (1.6L) SOHC 8V L4 B6B	1990-1994	3.071"/78.0mm X 3.307"/84.0mm	2
1597 CC (1.6L) DOHC 16V L4 B6-ZE	1990-1996	3.071"/78.0mm X 3.307"/84.0mm	2
1839 CC (1.8L) SOHC 8V L4 BPE	1990-1994	3.268"/83.0mm X 3.346"/85.0mm	2
1839 CC (1.8L) DOHC 16V L4 BP-4W	1999-2000	3.268"/83.0mm X 3.346"/85.0mm	2
1839 CC (1.8L) DOHC 16V L4 BP-Z3	2001-2005	3.268"/83.0mm X 3.346"/85.0mm	2
1839 CC (1.8L) DOHC 16V L4 BP-ZE	1994-1997	3.268"/83.0mm X 3.346"/85.0mm	2
1839 CC (1.8L) DOHC 16V L4 BPD	1990-1994	3.268"/83.0mm X 3.346"/85.0mm	2
122 CID (2.0L) DOHC 16V L4 Ford Zetec	2001-2004	3.339"/84.8mm X 3.461"/87.9mm	3
1991 CC (2.0L) DOHC 16V L4 FS-ZE	1993-2003	3.268"/83.0mm X 3.622"/92.0mm	4
2184 CC (2.2L) SOHC 8V L4 F2 Carbureted	1990-1993	3.386"/86.0mm X 3.701"/94.0mm	5
2184 CC (2.2L) SOHC 8V L4 F2	1990-1993	3.386"/86.0mm X 3.701"/94.0mm	5
2184 CC (2.2L) SOHC 12V L4 F2	1990-1992	3.386"/86.0mm X 3.701"/94.0mm	5
2184 CC (2.2L) SOHC 12V Turbo. L4 F2T	1990-1992	3.386"/86.0mm X 3.701"/94.0mm	5
140 CID (2.3L) SOHC 8V L4 Ford	1994-1997	3.780"/96.0mm X 3.125"/79.4mm	6
140 CID (2.3L) DOHC 16V L4 Ford Duratec	2001-2008	3.440"/87.4mm X 3.700"/94.0mm	7
140 CID (2.3L) DOHC 16V L4 Ford MZR L3V	2003-2008	3.440"/87.4mm X 3.700"/94.0mm	7
140 CID (2.3L) DOHC 16V L4 Ford MZR L3X	2007-2008	3.440"/87.4mm X 3.700"/94.0mm	7
140 CID (2.3L) DOHC 16V L4 Ford Duratec Hybrid	2008	3.440"/87.4mm X 3.700"/94.0mm	7
153 CID (2.5L) SOHC 8V L4 Ford	1998-2001	3.780"/96.0mm X 3.397"/86.3mm	8
2606 CC (2.6L) SOHC 12V L4 G6	1990-1994	3.622"/92.0mm X 3.858"/98.0mm	9
1844 CC (1.8L) DOHC 24V V6 K8D	1992-1994	2.953"/75.0mm X 2.740"/69.6mm	10
2254 CC (2.3L) DOHC 24V SC V6 KJ	1995-2002	3.160"/80.3mm X 2.921"/74.2mm	11
2497 CC (2.5L) DOHC 24V V6 KL-ZE	1993-1998	3.327"/84.5mm X 2.913"/74.0mm	11
2954 CC (3.0L) SOHC 18V V6 JE	1990-1998	3.543"/90.0mm X 3.031"/77.0mm	12



ENGINE	YEAR	BORE & STROKE	BLOCK
2954 CC (3.0L) SOHC 18V V6 JE39	1990-1991	3.543"/90.0mm X 3.031"/77.0mm	12
2954 CC (3.0L) DOHC 24V V6 JE27	1990-1991	3.543"/90.0mm X 3.031"/77.0mm	13
2954 CC (3.0L) DOHC 24V V6 JE48	1992-1995	3.543"/90.0mm X 3.031"/77.0mm	13
181 CID (3.0L) DOHC 24V V6 Ford Duratec	2001-2006	3.504"/89.0mm X 3.130"/79.5mm	14
181 CID (3.0L) DOHC 24V V6 Ford Duratec AJD	2002-2006	3.504"/89.0mm X 3.130"/79.5mm	15
183 CID (3.0L) 12V V6 Ford Vulcan	1994-2007	3.504"/89.0mm X 3.150"/80.0mm	16
245 CID (4.0L) SOHC 12V V6 Ford	2001-2008	3.953"/100.4mm X 3.318"/84.3mm	17
245 CID (4.0L) 12V V6 Ford	1991-2000	3.953"/100.4mm X 3.318"/84.3mm	18

MODEL	ENGINE	YEAR	BLOCK
3	2261 CC (2.3L) DOHC 16V L4 Ford MZR L3V	2004-2006	7
3	2261 CC (2.3L) DOHC 16V L4 Ford MZR L3X	2007-2008	7
323	1597 CC (1.6L) SOHC 16V L4 B6	1992-1993	2
323	1597 CC (1.6L) SOHC 8V L4 B6B	1990-1994	2
323	1839 CC (1.8L) SOHC 8V L4 BPE	1990-1991	2
5	2261 CC (2.3L) DOHC 16V L4 Ford MZR L3V	2006-2008	7
6	2261 CC (2.3L) DOHC 16V L4 Ford MZR L3V	2003-2008	7
626	1991 CC (2.0L) DOHC 16V L4 FS-ZE	1993-2002	4
626	2184 CC (2.2L) SOHC 12V L4 F2	1990-1992	5
626	2184 CC (2.2L) SOHC 12V Turbo. L4 F2T	1990-1991	5
626	2497 CC (2.5L) DOHC 24V V6 KL-ZE	1993-1998	11
929	2954 CC (3.0L) SOHC 18V V6 JE39	1990-1991	12
929	2954 CC (3.0L) DOHC 24V V6 JE27	1990-1991	13
929	2954 CC (3.0L) DOHC 24V V6 JE48	1992-1995	13
B2200	2184 CC (2.2L) SOHC 8V L4 F2 Carbureted	1990-1993	5
B2200	2184 CC (2.2L) SOHC 8V L4 F2	1990-1993	5
B2300	140 CID (2.3L) SOHC 8V L4 Ford	1994-1997	6
B2300	2261 CC (2.3L) DOHC 16V L4 Ford Duratec	2001-2008	7
B2500	2492 CC (2.5L) SOHC 8V L4 Ford	1998-2001	8
B2600	2606 CC (2.6L) SOHC 12V L4 G6	1990-1993	9
B3000	183 CID (3.0L) 12V V6 Ford Vulcan	1994-2007	16
B4000	4016 CC (4.0L) SOHC 12V V6 Ford	2001-2008	17
B4000	4016 CC (4.0L) 12V V6 Ford	1994-2000	18
Miata	1597 CC (1.6L) DOHC 16V L4 B6-ZE	1990-1993	2
Miata	1839 CC (1.8L) DOHC 16V L4 BP-4W	1999-2000	2
Miata	1839 CC (1.8L) DOHC 16V L4 BP-Z3	2001-2005	2
Miata	1839 CC (1.8L) DOHC 16V L4 BP-ZE	1994-1997	2
Millenia	2254 CC (2.3L) DOHC 24V SC V6 KJ	1995-2002	11
Millenia	2497 CC (2.5L) DOHC 24V V6 KL-ZE	1995-1998	11
MPV	2606 CC (2.6L) SOHC 12V L4 G6	1990-1994	9
MPV	2954 CC (3.0L) SOHC 18V V6 JE	1990-1998	12
MPV	181 CID (3.0L) DOHC 24V V6 Ford Duratec AJD	2002-2006	15
MX-3	1597 CC (1.6L) SOHC 16V L4 B6	1992-1993	2
MX-3	1597 CC (1.6L) DOHC 16V L4 B6-ZE	1994-1996	2
MX-3	1844 CC (1.8L) DOHC 24V V6 K8D	1992-1994	10
MX-6	1991 CC (2.0L) DOHC 16V L4 FS-ZE	1993-1997	4
MX-6	2184 CC (2.2L) SOHC 12V L4 F2	1990-1992	5
MX-6	2184 CC (2.2L) SOHC 12V Turbo. L4 F2T	1990-1992	5
MX-6	2497 CC (2.5L) DOHC 24V V6 KL-ZE	1993-1997	11
Navajo	4016 CC (4.0L) 12V V6 Ford	1991-1994	18
Protege	1489 CC (1.5L) DOHC 16V L4 Z5-DE	1995-1998	1
Protege	1839 CC (1.8L) SOHC 8V L4 BPE	1990-1994	2



MODEL	ENGINE	YEAR	BLOCK
Protege	1839 CC (1.8L) DOHC 16V L4 BPD	1990-1994	2
Protege	1991 CC (2.0L) DOHC 16V L4 FS-ZE	2001-2003	4
Protege5	1991 CC (2.0L) DOHC 16V L4 FS-ZE	2002-2003	4
Tribute	1989 CC (2.0L) DOHC 16V L4 Ford Zetec	2001-2004	3
Tribute	2261 CC (2.3L) DOHC 16V L4 Ford Duratec	2005-2006, 2008	7
Tribute	2261 CC (2.3L) DOHC 16V L4 Ford Duratec Hybrid	2008	7
Tribute	181 CID (3.0L) DOHC 24V V6 Ford Duratec	2001-2006	14

CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
D42E-AA	3.125in/79.4mm	6	E6AE-AB	3.150in/80.0mm	16

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
003K	3.031in/77.0mm	13	97TM-	3.318in/84.3mm	18	E6AE-C	3.150in/80.0mm	16
003N	3.031in/77.0mm	13	A-6303	3.318in/84.3mm	18	E6AE-W	3.150in/80.0mm	16
020201A1	3.031in/77.0mm	13	A-6303-A	3.318in/84.3mm	18	E88E-AB	3.125in/79.4mm	6
09N	3.031in/77.0mm	13	A1D	3.318in/84.3mm	18	E88EAB	3.125in/79.4mm	6
1.9	3.031in/77.0mm	13	A301	3.318in/84.3mm	18	E89E-AB	3.125in/79.4mm	6
10-B	3.031in/77.0mm	13	AD	3.318in/84.3mm	18	E89EAB	3.125in/79.4mm	6
1174N	3.031in/77.0mm	13	AY	3.318in/84.3mm	18	E8EEAB	3.125in/79.4mm	6
11M	3.031in/77.0mm	13	B301	3.318in/84.3mm	18	F58E	3.150in/80.0mm	16
1D	3.125in/79.4mm	6	B3C7	3.268in/83.0mm	1	F58E-AA	3.150in/80.0mm	16
2D	3.125in/79.4mm	6	B4A-6303-B	3.268in/83.0mm	1	F58E-B	3.150in/80.0mm	16
8F28	3.125in/79.4mm	6	B4A-B	3.268in/83.0mm	1	F5AE-AA	3.150in/80.0mm	16
90-21-0	3.318in/84.3mm	18	B5A-6303-B	3.268in/83.0mm	1	F5DE	3.150in/80.0mm	16
90TM-AA	3.318in/84.3mm	18	B630	3.307in/84.0mm	2	FE-01	3.701in/94.0mm	5
90TM-AB	3.318in/84.3mm	18	B657	3.307in/84.0mm	2	FE-50	3.701in/94.0mm	5
9166N	3.318in/84.3mm	18	B6S	3.307in/84.0mm	2	FE201	3.701in/94.0mm	5
91A-6303-A	3.318in/84.3mm	18	D	3.125in/79.4mm	6	FS07	3.622in/92.0mm	4
91A-6303-B	3.318in/84.3mm	18	DOHC	3.307in/84.0mm	2	JE	3.031in/77.0mm	12
91H-6303-B	3.318in/84.3mm	18	E2ZE-BA	3.125in/79.4mm	6	JE	3.031in/77.0mm	13
91K	3.318in/84.3mm	18	E6AE-A	3.150in/80.0mm	16	KL	2.921in/74.2mm	11
91TM-AA	3.318in/84.3mm	18	E6AE-AH	3.150in/80.0mm	16	RFE 6AE	3.150in/80.0mm	16
96TM-AA	3.318in/84.3mm	18	E6AE-B	3.150in/80.0mm	16	XBRO-1145	3.125in/79.4mm	6

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
1	1489 CC (1.5L) DOHC 16V L4 Z5-DE			2.965"/75.3mm x 3.268"/83.0mm				1
VIN Code: '-' (1995-1998)								
Rod Bearing (4)	AL-3	CB-1279AL	STD,.25mm,.50mm,.75mm 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set	AL-3	MS-1802AL	STD,.25mm,.50mm,.75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
1	1489 CC (1.5L) DOHC 16V L4 Z5-DE			2.965"/75.3mm x 3.268"/83.0mm				1
(cont.)	VIN Code: '-' (1995-1998)							(cont.)
Thrust Washer Set		TW-472S	STD					
		MB-3173W		2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								
Crankshaft Forging B3C7, B4A-6303-B, B4A-B, B5A-6303-B								
2	1597 CC (1.6L) SOHC 16V L4 B6			3.071"/78.0mm x 3.307"/84.0mm				2
	VIN Code: '-' (1992-1993)							
	1597 CC (1.6L) SOHC 8V L4 B6B			3.071"/78.0mm x 3.307"/84.0mm				
	VIN Code: '-' (1990-1994)							
	1597 CC (1.6L) DOHC 16V L4 B6-ZE			3.071"/78.0mm x 3.307"/84.0mm				
	VIN Code: '-' (1990-1996)							
	1839 CC (1.8L) SOHC 8V L4 BPE			3.268"/83.0mm x 3.346"/85.0mm				
	VIN Code: '-' (1990-1994)							
	1839 CC (1.8L) DOHC 16V L4 BP-4W			3.268"/83.0mm x 3.346"/85.0mm				
	VIN Code: '-' (1999-2000)							
	1839 CC (1.8L) DOHC 16V L4 BP-Z3			3.268"/83.0mm x 3.346"/85.0mm				
	VIN Code: '-' (2001-2005)							
	1839 CC (1.8L) DOHC 16V L4 BP-ZE			3.268"/83.0mm x 3.346"/85.0mm				
	VIN Code: '-' (1994-1997)							
	1839 CC (1.8L) DOHC 16V L4 BPD			3.268"/83.0mm x 3.346"/85.0mm				
	VIN Code: '-' (1990-1994)							
Rod Bearing (4)	AL-3	CB-1453AL	STD,.25mm,.50mm,.75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Main Bearing Set	AL-3	MS-1802AL	STD,.25mm,.50mm,.75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
1-2-3-4-5		MB-3173AL						
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S	STD					
		MB-3173W		2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								
Crankshaft Forging B630, B657, B6S, DOHC								
3	122 CID (2.0L) DOHC 16V L4 Ford Zetec			3.339"/84.8mm x 3.461"/87.9mm				3
	VIN Code: '-' (2001-2004)							
Rod Bearing (4)	AL-5	CB-1774A	STD•,.25mm•,.50mm• .75mm•	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Rod Bearing (4)	TM-77	CB-1774P	STD,.25mm,.50mm,.75mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Main Bearing Set	AL-5	MS-2208A	STD•,.25mm•,.50mm• .75mm•	2.2827/2.2834	0.0003/0.0016	0.0842	2.4522/2.4528	0.7710
1-2-4-5		MB-3753A		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
3		MB-3754A(F)						
Main Bearing Set	TM-77	MS-2208P	STD,.25mm,.50mm,.75mm	2.2827/2.2834	0.0003/0.0016	0.0842	2.4522/2.4528	0.7710
1-2-4-5		MB-3753P		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
3		MB-3754P(F)						
4	1991 CC (2.0L) DOHC 16V L4 FS-ZE			3.268"/83.0mm x 3.622"/92.0mm				4
	VIN Code: '-' (1993-2003)							
Rod Bearing (4)	TM-1	CB-1652P	STD,.25mm,.50mm	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
Main Bearing Set	TM-1	MS-2057AL	STD,.25mm,.50mm	2.2022/2.2030	0.0008/0.0022	0.0791	2.3622/2.3628	0.6940
1-2-3-4-5		MB-3544AL						
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-596S								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
4 (cont.)	1991 CC (2.0L) DOHC 16V L4 FS-ZE VIN Code: '-' (1993-2003)			3.268"/83.0mm x 3.622"/92.0mm				4 (cont.)
Thrust Washer Set		TW-596S	STD	2.4507		0.1003 3.2283		
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2057AL								
Crankshaft Forging		FS07						
5	2184 CC (2.2L) SOHC 8V L4 F2 Carbureted VIN Code: '-' (1990-1993)			3.386"/86.0mm x 3.701"/94.0mm				5
	2184 CC (2.2L) SOHC 8V L4 F2 VIN Code: '-' (1990-1993)			3.386"/86.0mm x 3.701"/94.0mm				
	2184 CC (2.2L) SOHC 12V L4 F2 VIN Code: '-' (1990-1992)			3.386"/86.0mm x 3.701"/94.0mm				
	2184 CC (2.2L) SOHC 12V Turbo. L4 F2T VIN Code: '-' (1990-1992)			3.386"/86.0mm x 3.701"/94.0mm				
Rod Bearing (4)	AL-3	CB-1362AL	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Crankshaft Forging		FE-01, FE-50, FE201						
6	140 CID (2.3L) SOHC 8V L4 Ford VIN Code: 'A' (1994-1997)			3.780"/96.0mm x 3.125"/79.4mm				6
Rod Bearing (4)	TM-77	CB-984P	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set 1-2-4-5 3	TM-77	MS-1743P MB-3137P MB-3130P(F)	STD,.25mm,.50mm	2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500 1.1940
NOTE: 2 Spark Plugs Per Cylinder								
Cam Bearing Set 1-2-3-4	B-1	SH-777S SH-777	STD	1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
Aux. Shaft Bearing Set Front Rear	B-1	SH-1095S SH-1095 SH-1096	STD	1.6522/1.6530	0.0007/0.0047	0.0717	1.7968/1.7980	0.5100 0.5100
Connecting Rod Forging		D42E-AA						
Crankshaft Forging		1D, 2D, 8F28, D, E2ZE-BA, E88E-AB, E88EAB, E89E-AB, E89EAB, E8EEAB, XBRO-1145						
7	140 CID (2.3L) DOHC 16V L4 Ford Duratec VIN Codes: 'D' (2001-2008), 'Z' (2005-2006, 2008)			3.440"/87.4mm x 3.700"/94.0mm				7
	140 CID (2.3L) DOHC 16V L4 Ford MZR L3V VIN Codes: '3' (2004-2008), 'C' (2003-2008)			3.440"/87.4mm x 3.700"/94.0mm				
	140 CID (2.3L) DOHC 16V L4 Ford MZR L3X VIN Code: '3' (2007-2008)			3.440"/87.4mm x 3.700"/94.0mm				
	140 CID (2.3L) DOHC 16V L4 Ford Duratec Hybrid VIN Code: 'H' (2008)			3.440"/87.4mm x 3.700"/94.0mm				
Rod Bearing (4)	AL-5	CB-1838AL	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Rod Bearing (4)	AL-5	CB-1839AL-.25mm	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-5	MS-2245AL MB-3822AL MB-3823AL(F)	STD,.25mm,.50mm	2.0464/2.0472	0.0004/0.0024	0.0986	2.2448/2.2455	0.7520 1.0140



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
8	153 CID (2.5L) SOHC 8V L4 Ford			3.780"/96.0mm x 3.397"/86.3mm				8
VIN Code: 'C' (1998-2001)								
Rod Bearing (4)	TM-77	CB-984P	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set	TM-77	MS-1743P	STD,.25mm,.50mm					
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
Cam Bearing Set	B-1	SH-777S	STD					
1-2-3-4		SH-777		1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
9	2606 CC (2.6L) SOHC 12V L4 G6			3.622"/92.0mm x 3.858"/98.0mm				9
VIN Code: '-' (1990-1994)								
Rod Bearing (4)	AL-3	CB-1455AL	STD,.25mm,.50mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set	AL-3	MS-2035AL	STD,.25mm					
1-2-4-5		MB-3502AL		2.3598/2.3602	0.0010/0.0022		2.5197/2.5203	0.7930
3		MB-3503AL(F)		2.3598/2.3602	0.0010/0.0022		2.5197/2.5203	1.0240
Cam Bearing Set	AL-3	SH-1793S	STD					
RH; LH CENTER		SH-1794		1.5748		0.0780	1.7323	1.0236
RH; LH FRONT		SH-1793		1.6535		0.0785	1.8110	0.9055
RH; LH REAR		SH-1795		0.8268		0.0583	0.9449	0.6299
6 CYL								
10	1844 CC (1.8L) DOHC 24V V6 K8D			2.953"/75.0mm x 2.740"/69.6mm				10
VIN Code: '-' (1992-1994)								
Rod Bearing (6)	TM-1	CB-1831P	STD,.25mm,.50mm	1.8872/1.8880	0.0008/0.0033	0.0595	2.0079/2.0085	0.6690
Main Bearing Set	TM-1	MS-2237P	STD,.25mm					
1-2-3		MB-3808P		2.4382/2.4392	0.0013/0.0040	0.0986	2.6378/2.6384	0.7130
4		MB-3809P		2.4382/2.4392	0.0013/0.0040	0.0986	2.6378/2.6384	0.8710
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-616S								
Thrust Washer Set		TW-616S	STD					
		MB-3810W		2.6870/2.6968			3.1398/3.1496	0.0810
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-2237P								
11	2254 CC (2.3L) DOHC 24V SC V6 KJ			3.160"/80.3mm x 2.921"/74.2mm				11
VIN Code: '-' (1995-2002)								
	2497 CC (2.5L) DOHC 24V V6 KL-ZE			3.327"/84.5mm x 2.913"/74.0mm				
VIN Code: '-' (1993-1998)								
Rod Bearing (6)	TM-1	CB-1653P	STD,.25mm,.50mm	2.0843/2.0848	0.0009/0.0018	0.0595	2.2047/2.2053	0.6705
Main Bearing Set	TM-1	MS-2058AL	STD,.25mm					
1-2-3		MB-3545AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.7138
4		MB-3546AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.8673
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-552S								
Thrust Washer Set		TW-552S	STD					
		MB-3347W		2.6870			3.1496	0.0810
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-2058AL								
Crankshaft Forging	KL							



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
12	2954 CC (3.0L) SOHC 18V V6 JE VIN Code: '-' (1990-1998)			3.543"/90.0mm x 3.031"/77.0mm				12
	2954 CC (3.0L) SOHC 18V V6 JE39 VIN Code: '-' (1990-1991)			3.543"/90.0mm x 3.031"/77.0mm				
Rod Bearing (6)	AL-3	CB-1592AL	STD	2.0842/2.0848	0.0009/0.0033	0.0595	2.2047/2.2053	0.6690
Main Bearing Set 1-2-3-4	AL-3	MS-1952P MB-3347P	STD,.25mm,.50mm	2.4385/2.4392	0.0008/0.0032	0.0792	2.5986/2.5992	0.7090
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-552S								
Thrust Washer Set		TW-552S MB-3347W	STD	2.6870			3.1496	0.0810
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-1952P								
Crankshaft Forging		JE						
13	2954 CC (3.0L) DOHC 24V V6 JE27 VIN Code: '-' (1990-1991)			3.543"/90.0mm x 3.031"/77.0mm				13
	2954 CC (3.0L) DOHC 24V V6 JE48 VIN Code: '-' (1992-1995)			3.543"/90.0mm x 3.031"/77.0mm				
Rod Bearing (6)	TM-1	CB-1653P	STD,.25mm,.50mm	2.0843/2.0848	0.0009/0.0018	0.0595	2.2047/2.2053	0.6705
Main Bearing Set 1-2-3-4	AL-3	MS-1952P MB-3347P	STD,.25mm,.50mm	2.4385/2.4392	0.0008/0.0032	0.0792	2.5986/2.5992	0.7090
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-552S								
Thrust Washer Set		TW-552S MB-3347W	STD	2.6870			3.1496	0.0810
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-1952P								
Crankshaft Forging		003K, 003N, 020201A1, 09N, 1.9, 10-B, 1174N, 11M, JE						
14	181 CID (3.0L) DOHC 24V V6 Ford Duratec VIN Code: '1' (2001-2006)			3.504"/89.0mm x 3.130"/79.5mm				14
Rod Bearing (6)	AL-5	CB-1772A	STD•,.25mm•,.50mm• .75mm•	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6)	TM-77	CB-1772P	STD,.25mm,.50mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1845A-.25mm.50mm•.75mm•		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
Rod Bearing (6) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	TM-77	CB-1845P-.25mm.50mm,.75mm		1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
Main Bearing Set 1-2-3 4	AL-5	MS-2207A MB-3750A MB-3751A(F)	STD•,.25mm•,.50mm• .75mm•	2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Main Bearing Set 1-2-3 4	TM-77	MS-2207P MB-3750P MB-3751P(F)	STD,.25mm,.50mm	2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Piston Pin Bushing (6) NOTE: Requires Light Reaming	C-1	223-3651	STD			0.0740	0.9456/0.9467	0.8445

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
15	181 CID (3.0L) DOHC 24V V6 Ford Duratec AJD			3.504"/89.0mm x 3.130"/79.5mm				15
VIN Code: '-' (2002-2006)								
Rod Bearing (6)	TM-77	CB-1772P	STD,.25mm,.50mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Rod Bearing (6)	TM-77	CB-1845P-.25mm	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	TM-77	MS-2207P	STD,.25mm,.50mm					
1-2-3		MB-3750P		2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
4		MB-3751P(F)		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 4								
Piston Pin Bushing (6)	C-1	223-3651	STD			0.0740	0.9456/0.9467	0.8445
NOTE: Requires Light Reaming								
16	183 CID (3.0L) 12V V6 Ford Vulcan			3.504"/89.0mm x 3.150"/80.0mm				16
VIN Codes: 'U' (1994-2007), 'V' (1999-2003)								
Rod Bearing (6)	AL-5	CB-1385A	STD,.25mm,.50mm,.75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Rod Bearing (6)	TM-77	CB-1385P	STD,.25mm,.50mm	2.1253/2.1261	0.0010/0.0027	0.0618	2.2500/2.2508	0.7630
Main Bearing Set	AL-5	MS-1702A	STD,.25mm,.50mm					
1-2		MB-3093A	.75mm	2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Main Bearing Set	TM-77	MS-1702P	STD,.25mm,.50mm					
1-2		MB-3093P		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094P(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095P		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Cam Bearing Set	B-1	SH-1789S	STD					
1		SH-1334		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.9650
2-3		SH-1335		2.0074/2.0084	0.0010/0.0030	0.0614	2.1334/2.1344	0.5420
4		SH-1789		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.5470
Connecting Rod Forging	E6AE-AB							
Crankshaft Forging	E6AE-A, E6AE-AH, E6AE-B, E6AE-C, E6AE-W, F58E, F58E-AA, F58E-B, F5AE-AA, F5DE, RFE 6AE							
17	245 CID (4.0L) SOHC 12V V6 Ford			3.953"/100.4mm x 3.318"/84.3mm				17
VIN Code: 'E' (2001-2008)								
Rod Bearing (6)	AL-5	CB-723A	STD,.10,.20,.30	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Rod Bearing (6)	TM-77	CB-723P	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Rod Bearing (6)	AL-5	CB-1795A-10	20,.30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1795P-10		2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set	AL-5	MS-2006A	STD,.10,.20,.30					
1-2-4		MB-3202A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Main Bearing Set	TM-77	MS-2006P	STD,10,20					
1-2-4		MB-3202P		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3467P(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Aux. Shaft Bearing Set	B-1	SH-1977S	STD					
Front		SH-1977				0.0610	1.8522	1.1420
Rear		SH-1978				0.0610	1.8072	0.9050



• - New number, ‡ - To be discontinued

COUNTER DATA					SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL									
18	245 CID (4.0L) 12V V6 Ford VIN Code: 'X' (1991-2000)			3.953"/100.4mm x 3.318"/84.3mm				18	
Rod Bearing (6)	AL-5	CB-723A	STD,10,20,30	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Rod Bearing (6)	TM-77	CB-723P	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Rod Bearing (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Rod Bearing (6)	TM-77	CB-1795P-10		2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set 1-2-4 3	AL-5	MS-2006A MB-3202A MB-3467A(F)	STD,10,20,30	2.2433/2.2441 2.2433/2.2441	0.0006/0.0032 0.0006/0.0032	0.0711 0.0711	2.3866/2.3874 2.3866/2.3874	0.8500 1.0350	
Main Bearing Set 1-2-4 3	TM-77	MS-2006P MB-3202P MB-3467P(F)	STD,10,20	2.2433/2.2441 2.2433/2.2441	0.0006/0.0032 0.0006/0.0032	0.0711 0.0711	2.3866/2.3874 2.3866/2.3874	0.8500 1.0350	
Cam Bearing Set 1 2 3 4	B-1	SH-1441S SH-1441 SH-1442 SH-1443 SH-1444	STD	1.9516/1.9524 1.9374/1.9382 1.9224/1.9232 1.9071/1.9079	0.0010/0.0046 0.0008/0.0044 0.0008/0.0044 0.0010/0.0046	0.0617 0.0614 0.0614 0.0615	2.0768/2.0784 2.0618/2.0634 2.0468/2.0484 2.0319/2.0335	0.7800 0.7050 0.7050 0.5900	
Crankshaft Forging	90-21-0, 90TM-AA, 90TM-AB, 9166N, 91A-6303-A, 91A-6303-B, 91H-6303-B, 91K, 91TM-AA, 96TM-AA, 97TM-, A-6303, A-6303-A, A1D, A301, AD, AY, B301								

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ENGINE	YEAR	BORE & STROKE	BLOCK
1468 CC (1.5L) SOHC 8V L4 "Q" 4G15	1990	2.972"/75.5mm X 3.228"/82.0mm	1
1468 CC (1.5L) SOHC 12V L4 "Q" 4G15	1991-2002	2.972"/75.5mm X 3.228"/82.0mm	1
1468 CC (1.5L) SOHC 8V L4 Hyundai G4DJ	1990-1994	2.972"/75.5mm X 3.228"/82.0mm	1
1595 CC (1.6L) DOHC 16V L4 4G61	1991-1992	3.240"/82.3mm X 2.953"/75.0mm	2
1595 CC (1.6L) DOHC 16V Turbo. L4 4G61	1990	3.240"/82.3mm X 2.953"/75.0mm	2
1755 CC (1.8L) SOHC 8V L4 4G37	1990-1994	3.173"/80.6mm X 3.386"/86.0mm	3
1834 CC (1.8L) SOHC 16V L4 4G93	1992-2002	3.189"/81.0mm X 3.504"/89.0mm	4
122 CID (2.0L) DOHC 16V L4 Chrysler 420A	1995-1999	3.445"/87.5mm X 3.268"/83.0mm	5
1997 CC (2.0L) SOHC 8V L4 4G63	1990-1992	3.346"/85.0mm X 3.465"/88.0mm	6
1997 CC (2.0L) SOHC 16V L4 4G63	1993	3.346"/85.0mm X 3.465"/88.0mm	7
1997 CC (2.0L) DOHC 16V L4 4G63	1990-1994	3.346"/85.0mm X 3.465"/88.0mm	6
1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T	1990-1999	3.346"/85.0mm X 3.465"/88.0mm	8
2351 CC (2.4L) SOHC 8V L4 4G64	1990-1996	3.406"/86.5mm X 3.937"/100.0mm	7
2351 CC (2.4L) SOHC 16V L4 4G64	1993-2005	3.406"/86.5mm X 3.937"/100.0mm	9
2351 CC (2.4L) DOHC 16V L4 4G64	1994	3.406"/86.5mm X 3.937"/100.0mm	7
2497 CC (2.5L) SOHC 24V V6 6G73	1995	3.290"/83.5mm X 2.992"/76.0mm	10
2972 CC (3.0L) SOHC 12V V6 6G72	1990-1999	3.587"/91.1mm X 2.992"/76.0mm	11
2972 CC (3.0L) SOHC 24V V6 6G72	1995-2005	3.587"/91.1mm X 2.992"/76.0mm	11
2972 CC (3.0L) DOHC 24V V6 6G72	1991-1999	3.587"/91.1mm X 2.992"/76.0mm	11
2972 CC (3.0L) DOHC 24V Turbo. V6 6G72T	1991-1999	3.587"/91.1mm X 2.992"/76.0mm	11
3497 CC (3.5L) SOHC 24V V6 6G74	1997-2004	3.661"/93.0mm X 3.386"/86.0mm	12
3497 CC (3.5L) DOHC 24V V6 6G74	1994-1996	3.661"/93.0mm X 3.386"/86.0mm	12



ENGINE	YEAR	BORE & STROKE	BLOCK
226 CID (3.7L) SOHC 12V V6 Chrysler Magnum	2006-2009	3.661"/93.0mm X 3.575"/90.7mm	13
287 CID (4.7L) SOHC 16V V8 Chrysler Magnum	2006-2007	3.661"/93.0mm X 3.406"/86.5mm	14

MODEL	ENGINE	YEAR	BLOCK
3000GT	2972 CC (3.0L) SOHC 12V V6 6G72	1997-1999	11
3000GT	2972 CC (3.0L) DOHC 24V V6 6G72	1991-1999	11
3000GT	2972 CC (3.0L) DOHC 24V Turbo. V6 6G72T	1991-1999	11
Diamante	2972 CC (3.0L) SOHC 12V V6 6G72	1992-1996	11
Diamante	2972 CC (3.0L) DOHC 24V V6 6G72	1992-1995	11
Diamante	3497 CC (3.5L) SOHC 24V V6 6G74	1997-2004	12
Eclipse	1755 CC (1.8L) SOHC 8V L4 4G37	1990-1994	3
Eclipse	1996 CC (2.0L) DOHC 16V L4 Chrysler 420A	1995-1999	5
Eclipse	1997 CC (2.0L) DOHC 16V L4 4G63	1990-1994	6
Eclipse	1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T	1990-1999	8
Eclipse	2351 CC (2.4L) SOHC 16V L4 4G64	1996-2005	9
Eclipse	2972 CC (3.0L) SOHC 24V V6 6G72	2000-2005	11
Expo	1834 CC (1.8L) SOHC 16V L4 4G93	1992-1995	4
Expo	2351 CC (2.4L) SOHC 8V L4 4G64	1992	7
Expo	2351 CC (2.4L) SOHC 16V L4 4G64	1993-1995	9
Galant	1997 CC (2.0L) SOHC 8V L4 4G63	1990-1992	6
Galant	1997 CC (2.0L) SOHC 16V L4 4G63	1993	7
Galant	1997 CC (2.0L) DOHC 16V L4 4G63	1990-1993	6
Galant	1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T	1991-1992	8
Galant	2351 CC (2.4L) SOHC 16V L4 4G64	1994-2003	9
Galant	2351 CC (2.4L) DOHC 16V L4 4G64	1994	7
Galant	2497 CC (2.5L) SOHC 24V V6 6G73	1995	10
Galant	2972 CC (3.0L) SOHC 24V V6 6G72	1999-2003	11
Mighty Max	2351 CC (2.4L) SOHC 8V L4 4G64	1990-1996	7
Mighty Max	2972 CC (3.0L) SOHC 12V V6 6G72	1990-1994	11
Mirage	1468 CC (1.5L) SOHC 8V L4 "Q" 4G15	1990	1
Mirage	1468 CC (1.5L) SOHC 12V L4 "Q" 4G15	1991-2002	1
Mirage	1595 CC (1.6L) DOHC 16V L4 4G61	1991-1992	2
Mirage	1595 CC (1.6L) DOHC 16V Turbo. L4 4G61	1990	2
Mirage	1834 CC (1.8L) SOHC 16V L4 4G93	1993-2002	4
Montero	2972 CC (3.0L) SOHC 12V V6 6G72	1990-1994	11
Montero	2972 CC (3.0L) SOHC 24V V6 6G72	1995-1996	11
Montero	3497 CC (3.5L) SOHC 24V V6 6G74	1997-2002	12
Montero	3497 CC (3.5L) DOHC 24V V6 6G74	1994-1996	12
Montero Sport	2351 CC (2.4L) SOHC 16V L4 4G64	1997-1999	9
Montero Sport	2972 CC (3.0L) SOHC 24V V6 6G72	1997-2003	11
Montero Sport	3497 CC (3.5L) SOHC 24V V6 6G74	1999-2004	12
Outlander	2351 CC (2.4L) SOHC 16V L4 4G64	2003-2004	9
Precis	1468 CC (1.5L) SOHC 8V L4 Hyundai G4DJ	1990-1994	1
Raider	226 CID (3.7L) SOHC 12V V6 Chrysler Magnum	2006-2009	13
Raider	287 CID (4.7L) SOHC 16V V8 Chrysler Magnum	2006-2007	14
Sigma	2972 CC (3.0L) SOHC 12V V6 6G72	1990	11
Van	2351 CC (2.4L) SOHC 8V L4 4G64	1990	7
Wagon	2351 CC (2.4L) SOHC 8V L4 4G64	1990	7



CONNECTING ROD FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
72G	2.992in/76.0mm	11	72W	2.992in/76.0mm	11

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
19N	2.992in/76.0mm	11	4K	3.228in/82.0mm	1	G37	3.386in/86.0mm	3
4G-3	3.228in/82.0mm	1	4K05	3.228in/82.0mm	1	T3A	2.992in/76.0mm	11
4G1	3.228in/82.0mm	1	4XC1-U	3.228in/82.0mm	1			
4G61	3.228in/82.0mm	1	4XCIU	3.228in/82.0mm	1			

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
1	1468 CC (1.5L) SOHC 8V L4 "Q" 4G15			2.972"/75.5mm x 3.228"/82.0mm				1	
	VIN Code: 'X' (1990)								
	1468 CC (1.5L) SOHC 12V L4 "Q" 4G15			2.972"/75.5mm x 3.228"/82.0mm					
	VIN Code: 'A' (1991-2002)								
	1468 CC (1.5L) SOHC 8V L4 Hyundai G4DJ			2.972"/75.5mm x 3.228"/82.0mm					
	VIN Code: 'J' (1990-1994)								
Rod Bearing (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100	
Main Bearing Set	TM-1	MS-1668P	STD,.25mm						
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520	
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430	
NOTE: .25mm Undersize Set Contains .15mm Oversize Length Flanged Bearing, Partial Grooved Main Bearings									
Crankshaft Forging	4G-3, 4G1, 4G61, 4K, 4K05, 4XC1-U, 4XCIU								
2	1595 CC (1.6L) DOHC 16V L4 4G61			3.240"/82.3mm x 2.953"/75.0mm				2	
	VIN Code: 'Y' (1991-1992)								
	1595 CC (1.6L) DOHC 16V Turbo. L4 4G61			3.240"/82.3mm x 2.953"/75.0mm					
	VIN Code: 'Z' (1990)								
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm						
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
Balance Shaft Bearing Set	AL-3	SH-1465S	STD						
RH; Front		SH-1465		1.5344	0.0008/0.0030	0.0593	1.6545	0.7580	
RH; LH Rear		SH-1466		1.4164	0.0017/0.0039	0.0589	1.5364	0.6300	
3	1755 CC (1.8L) SOHC 8V L4 4G37			3.173"/80.6mm x 3.386"/86.0mm				3	
	VIN Codes: 'B' (1993-1994), 'T' (1990-1992)								
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm						
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
Crankshaft Forging	G37								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
4	1834 CC (1.8L) SOHC 16V L4 4G93			3.189"/81.0mm x 3.504"/89.0mm				4
VIN Codes: 'C' (1993-2002), 'D' (1992)								
Rod Bearing (4)	AL-3	CB-1782AL	STD,.50mm	1.7709/1.7717	0.0008/0.0034	0.0588	1.8896/1.8904	0.6614
Main Bearing Set 1-2-3-4-5	AL-3	MS-2213AL MB-3767AL	STD,.25mm	1.9679/1.9685	0.0008/0.0031	0.0785	2.1260/2.1267	0.7531
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-605S								
Thrust Washer Set		TW-605S MB-3763W	STD	2.2047/2.2146			2.9665/2.9764	0.0778
NOTE: Contains 2 Pieces, Position Number 1 Use with Part Number MS-2213AL								
5	122 CID (2.0L) DOHC 16V L4 Chrysler 420A			3.445"/87.5mm x 3.268"/83.0mm				5
VIN Code: 'Y' (1995-1999)								
Rod Bearing (4)	AL-3	CB-1635A	STD•,.25mm•,.50mm•	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Rod Bearing (4)	TM-77	CB-1635P	STD,.25mm,.50mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Main Bearing Set 1-2-4-5 3	AL-5	MS-2028A MB-4001A MB-4000A(F)	STD•,.25mm•,.50mm•	2.0469/2.0475	0.0008/0.0024	0.0782	2.2046/2.2050	0.7860
NOTE: Bearing Caps May Require Notching, Grooved Upper Half And Plain Lower Half								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2028P MB-4001P MB-4000P(F)	STD,.25mm,.50mm	2.0469/2.0475	0.0008/0.0024	0.0782	2.2046/2.2050	0.7860
NOTE: Bearing Caps May Require Notching, Grooved Upper Half And Plain Lower Half								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2257P MB-4001P MB-4000P(F)	STD,.25mm,.50mm	2.0469/2.0475	0.0008/0.0024	0.0782	2.2046/2.2050	0.7860
NOTE: Bearing Caps May Require Notching, Contains Full Grooved Bearings								
6	1997 CC (2.0L) SOHC 8V L4 4G63			3.346"/85.0mm x 3.465"/88.0mm				6
VIN Code: 'V' (1990-1992)								
	1997 CC (2.0L) DOHC 16V L4 4G63			3.346"/85.0mm x 3.465"/88.0mm				
VIN Codes: 'E' (1993-1994), 'R' (1990-1992)								
Rod Bearing (4) For Year(s): 1992-1994 NOTE: From 4/92	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Rod Bearing (4) For Year(s): 1990-1992 NOTE: Thru 3/92	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3 For Year(s): 1992-1994 NOTE: From 4/92, All Sizes Contain Standard Length Flanged Bearing	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441	0.0005/0.0029	0.0785	2.4016/2.4024	0.8050
				2.2435/2.2441	0.0009/0.0033	0.0783	2.4016/2.4024	1.0040
Main Bearing Set 1-2-4-5 3 For Year(s): 1990-1992 NOTE: Thru 3/92, All Sizes Contain Standard Length Flanged Bearing	TM-1	MS-2076P MB-2869P MB-3572P(F)	STD,.25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
				2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
6 (cont.)	1997 CC (2.0L) SOHC 8V L4 4G63			3.346"/85.0mm x 3.465"/88.0mm				6 (cont.)
	VIN Code: 'V' (1990-1992)							
	1997 CC (2.0L) DOHC 16V L4 4G63			3.346"/85.0mm x 3.465"/88.0mm				
	VIN Codes: 'E' (1993-1994), 'R' (1990-1992)							
Balance Shaft	AL-3	SH-1469S	STD					
Bearing Set								
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
7	1997 CC (2.0L) SOHC 16V L4 4G63			3.346"/85.0mm x 3.465"/88.0mm				7
	VIN Code: 'D' (1993)							
	2351 CC (2.4L) SOHC 8V L4 4G64			3.406"/86.5mm x 3.937"/100.0mm				
	VIN Codes: 'G' (1993-1996), 'W' (1990-1992)							
	2351 CC (2.4L) DOHC 16V L4 4G64			3.406"/86.5mm x 3.937"/100.0mm				
	VIN Code: 'L' (1994)							
Rod Bearing (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
For Year(s): 1992-1996								
Main Bearing Set	TM-1	MS-2039P	STD,.25mm,.50mm					
1-2-4-5		MB-3504P		2.2435/2.2441	0.0005/0.0029	0.0785	2.4016/2.4024	0.8050
3		MB-3505P(F)		2.2435/2.2441	0.0009/0.0033	0.0783	2.4016/2.4024	1.0040
For Year(s): 1992-1996								
NOTE: Thru 4/97, All Sizes Contain Standard Length Flanged Bearing								
Balance Shaft	AL-3	SH-1469S	STD					
Bearing Set								
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
8	1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T			3.346"/85.0mm x 3.465"/88.0mm				8
	VIN Codes: 'F' (1993-1999), 'U' (1990-1992)							
Rod Bearing (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
For Year(s): 1992-1999								
NOTE: From 4/92								
Rod Bearing (4)	AL-3	CB-1120AL	STD,.25mm,.50mm,.75mm 1.00mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
For Year(s): 1990-1992								
NOTE: Thru 3/92								
Main Bearing Set	TM-1	MS-2039P	STD,.25mm,.50mm					
1-2-4-5		MB-3504P		2.2435/2.2441	0.0005/0.0029	0.0785	2.4016/2.4024	0.8050
3		MB-3505P(F)		2.2435/2.2441	0.0009/0.0033	0.0783	2.4016/2.4024	1.0040
For Year(s): 1992-1999								
NOTE: From 4/92, All Sizes Contain Standard Length Flanged Bearing								
Main Bearing Set	TM-1	MS-2261P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3504P		2.2435/2.2441	0.0005/0.0029	0.0785	2.4016/2.4024	0.8050
For Year(s): 1997-1999								
NOTE: Engines Equipped with Thrust Washers Requires Thrust Washer Set, Not Included Use with Part Number TW-677S								
Main Bearing Set	TM-1	MS-2076P	STD,.25mm,.50mm					
1-2-4-5		MB-2869P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-3572P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
For Year(s): 1990-1992								
NOTE: Thru 3/92, All Sizes Contain Standard Length Flanged Bearing								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
8	1997 CC (2.0L) DOHC 16V Turbo. L4 4G63T			3.346"/85.0mm x 3.465"/88.0mm				8
(cont.)	VIN Codes: 'F' (1993-1999), 'U' (1990-1992)			(cont.)				
Thrust Washer Set		TW-677S	STD	2.4842/2.4941			3.1693/3.1791	0.0830
		MB-3854W						
For Year(s): 1997-1999								
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2261P								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
9	2351 CC (2.4L) SOHC 16V L4 4G64			3.406"/86.5mm x 3.937"/100.0mm				9
VIN Code: 'G' (1993-2005)								
Rod Bearing (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
For Year(s): 1993-2003								
Main Bearing Set	TM-1	MS-2261P	STD,.25mm,.50mm	2.2435/2.2441		0.0005/0.0029	0.0785	2.4016/2.4024
1-2-3-4-5		MB-3504P						0.8050
For Year(s): 1997-2005								
NOTE: Engines Equipped with Thrust Washers Requires Thrust Washer Set, Not Included Use with Part Number TW-677S								
Main Bearing Set	TM-1	MS-2039P	STD,.25mm,.50mm	2.2435/2.2441		0.0005/0.0029	0.0785	2.4016/2.4024
1-2-4-5		MB-3504P		2.2435/2.2441		0.0009/0.0033	0.0783	2.4016/2.4024
3		MB-3505P(F)						1.0040
For Year(s): 1993-1997								
NOTE: Thru 4/97, All Sizes Contain Standard Length Flanged Bearing								
Thrust Washer Set		TW-677S	STD	2.4842/2.4941			3.1693/3.1791	0.0830
		MB-3854W						
For Year(s): 1997-2005								
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2261P								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
LH; Rear		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
RH; Front		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
RH; Rear		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
6 CYL								
10	2497 CC (2.5L) SOHC 24V V6 6G73			3.290"/83.5mm x 2.992"/76.0mm				10
VIN Code: '-' (1995)								
Rod Bearing (6)	TM-77	CB-1411P	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set								
1-2-3-4	TM-1	MS-2239P	STD,.25mm	2.3614/2.3622		0.0008/0.0034	0.0783	2.5197/2.5205
		MB-3813P						0.7140
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-458S								
Thrust Washer Set		TW-458S	STD	2.5984/2.6083			3.0492/3.0594	0.0778
		MB-3108W(L)		2.5984/2.6083			3.0492/3.0594	0.0778
		MB-3108W(U)						
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2239P								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
11	2972 CC (3.0L) SOHC 12V V6 6G72			3.587"/91.1mm x 2.992"/76.0mm				11
	VIN Codes: 'H' (1993-1999), 'S' (1990-1994)							
	2972 CC (3.0L) SOHC 24V V6 6G72			3.587"/91.1mm x 2.992"/76.0mm				
	VIN Codes: 'H' (1995-1996, 1999-2005), 'L' (2000, 2002), 'P' (1997-1998)							
	2972 CC (3.0L) DOHC 24V V6 6G72			3.587"/91.1mm x 2.992"/76.0mm				
VIN Codes: 'B' (1991-1992), 'J' (1993-1999)								
2972 CC (3.0L) DOHC 24V Turbo. V6 6G72T			3.587"/91.1mm x 2.992"/76.0mm					
VIN Codes: 'C' (1991-1992), 'K' (1993-1999)								
Rod Bearing (6)	TM-77	CB-1411P	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set 1-2-3-4	TM-77	MS-2226P MB-3791P	STD, .25mm, .50mm	2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-458S								
Thrust Washer Set		TW-458S	STD	2.5984/2.6083			3.0492/3.0594	0.0778
		MB-3108W(L) MB-3108W(U)		2.5984/2.6083			3.0492/3.0594	0.0778
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2226P								
Connecting Rod Forging 72G, 72W								
Crankshaft Forging 19N, T3A								
12	3497 CC (3.5L) SOHC 24V V6 6G74			3.661"/93.0mm x 3.386"/86.0mm				12
	VIN Codes: 'P' (1997-2004), 'R' (1997-2004)							
	3497 CC (3.5L) DOHC 24V V6 6G74			3.661"/93.0mm x 3.386"/86.0mm				
VIN Code: 'M' (1994-1996)								
Rod Bearing (6)	TM-1	CB-1832P	STD, .25mm, .50mm	2.1646/2.1653	0.0008/0.0020	0.0589	2.2835/2.2842	0.6100
Main Bearing Set 1-2-3-4	TM-1	MS-2238P MB-3811P	STD, .25mm, .50mm	2.5190/2.5197	0.0004/0.0023	0.0785	2.6772/2.6774	0.6740
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-617S								
Thrust Washer Set		TW-617S	STD	2.7598/2.7697			3.7106/3.7205	0.0770
		MB-3812W						
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2238P								
13	226 CID (3.7L) SOHC 12V V6 Chrysler Magnum			3.661"/93.0mm x 3.575"/90.7mm				13
	VIN Code: 'K' (2006-2009)							
Rod Bearing (6)	AL-5	CB-1818A	STD, .25mm, .50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Rod Bearing (6)	TM-77	CB-1818P	STD, .25mm, .50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Rod Bearing (6)	AL-5	CB-1819A-.25mm.50mm		2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Rod Bearing (6)	TM-77	CB-1819P-.25mm.50mm		2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2244A MB-3790A	STD, .25mm, .50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Main Bearing Set 1-2-3-4	TM-77	MS-2244P MB-3790P	STD, .25mm, .50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
13 (cont.)	226 CID (3.7L) SOHC 12V V6 Chrysler Magnum VIN Code: 'K' (2006-2009)			3.661"/93.0mm x 3.575"/90.7mm				13 (cont.)
Main Bearing Set 1-2-3-4	AL-5	MS-2286A -.25mm.50mm• MB-3922A		2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines with .002" Larger Housing Bore Diameter Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Thrust Washer Set		TW-608S STD MB-3771W		2.8010/2.8210			3.5890/3.6140	0.0980
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2244A, MS-2244P, MS-2286A								
Aux. Shaft Bearing Set Front Rear	B-1	SH-1997S STD SH-1997 SH-1998		2.2042/2.2052 1.1412/1.1422	0.0020/0.0053 0.0020/0.0053	0.0728 0.0728	2.3528/2.3539 1.2898/1.2909	0.7150 0.7150
8 CYL								
14	287 CID (4.7L) SOHC 16V V8 Chrysler Magnum VIN Code: 'N' (2006-2007)			3.661"/93.0mm x 3.406"/86.5mm				14
Rod Bearing (8) NOTE: with Locating Tab	TM-77	CB-1784P STD,.25mm,.50mm		2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
Rod Bearing (8) NOTE: without Locating Tab	AL-5	CB-1854A STD,.25mm,.50mm		2.0075/2.0082	0.0005/0.0023	0.0585	2.1257/2.1262	0.6550
Rod Bearing (8) NOTE: without Locating Tab	TM-77	CB-1854P STD,.25mm,.50mm <i>(To Be Replaced By CB-1854A)</i>		2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock with Locating Tab	TM-77	CB-1804P -.25mm.50mm		2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock without Locating Tab	AL-5	CB-1855A -.25mm.50mm		2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
Rod Bearing (8) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock without Locating Tab	TM-77	CB-1855P -.25mm.50mm <i>(To Be Replaced By CB-1855A-.25mm)</i>		2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
Main Bearing Set 1-2-3-4-5	AL-5	MS-2216A STD,.25mm,.50mm• MB-3771A		2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Main Bearing Set 1-2-3-4-5	TM-77	MS-2216P STD,.25mm,.50mm MB-3771P		2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S <i>(To Be Replaced By MS-2242P)</i>								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2242P STD,.25mm,.50mm MB-3790P		2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2285A -.25mm.50mm• MB-3922A		2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines with .002" Larger Housing Bore Diameter Requires Thrust Washer Set, Not Included Use with Part Number TW-608S								



• - New number, ‡ - To be discontinued

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
14 (cont.)	287 CID (4.7L) SOHC 16V V8 Chrysler Magnum VIN Code: 'N' (2006-2007)			3.661"/93.0mm x 3.406"/86.5mm			14 (cont.)		
Thrust Washer Set		TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980	
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2216A, MS-2216P, MS-2242P, MS-2285A									
Cam Bearing Set (2) 1-2-3-4-5	B-1	SH-2020S SH-2020	STD	1.0227/1.0235		0.0010/0.0026	0.0418	1.1080/1.1090	0.5900
NOTE: Contains 5 Upper Halves And 5 Lower Halves, Each Set Will Service 1 Cylinder Head, Notching Of The Head And Cap For Locating Lug Will Be Required Housing Bore Will Need To Be Resized									

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ENGINE	YEAR	BORE & STROKE	BLOCK
1597 CC (1.6L) SOHC 12V L4 GA16I	1990	2.992"/76.0mm X 3.465"/88.0mm	1
1597 CC (1.6L) DOHC 16V L4 GA16DE	1991-1999	2.992"/76.0mm X 3.465"/88.0mm	1
1998 CC (2.0L) DOHC 16V L4 SR20DE	1991-1998	3.390"/86.1mm X 3.386"/86.0mm	2
2389 CC (2.4L) SOHC 12V L4 KA24E	1990-1997	3.504"/89.0mm X 3.780"/96.0mm	3
2389 CC (2.4L) DOHC 16V L4 KA24DE	1991-2004	3.504"/89.0mm X 3.780"/96.0mm	3
2500 CC (2.5L) DOHC 16V L4 QR25DE	2002-2006	3.503"/89.0mm X 3.937"/100.0mm	4
2960 CC (3.0L) SOHC 12V V6 VG30E	1990-1998	3.425"/87.0mm X 3.268"/83.0mm	5
2960 CC (3.0L) DOHC 24V V6 VE30DE	1992-1994	3.425"/87.0mm X 3.268"/83.0mm	5
2960 CC (3.0L) DOHC 24V V6 VG30DE	1990-1996	3.425"/87.0mm X 3.268"/83.0mm	5
2960 CC (3.0L) DOHC 24V Turbo. V6 VG30DETT	1990-1996	3.425"/87.0mm X 3.268"/83.0mm	5
2988 CC (3.0L) DOHC 24V V6 VQ30DE	1995-2001	3.661"/93.0mm X 2.890"/73.3mm	6
3275 CC (3.3L) SOHC 12V V6 VG33E	1996-2004	3.602"/91.5mm X 3.268"/83.0mm	5
3498 CC (3.5L) DOHC 24V V6 VQ35DE	2001-2007	3.760"/95.5mm X 3.210"/81.4mm	7

MODEL	ENGINE	YEAR	BLOCK
200SX	1597 CC (1.6L) DOHC 16V L4 GA16DE	1995-1998	1
200SX	1998 CC (2.0L) DOHC 16V L4 SR20DE	1995-1998	2
240SX	2389 CC (2.4L) SOHC 12V L4 KA24E	1990	3
240SX	2389 CC (2.4L) DOHC 16V L4 KA24DE	1991-1998	3
300ZX	2960 CC (3.0L) DOHC 24V V6 VG30DE	1990-1996	5
300ZX	2960 CC (3.0L) DOHC 24V Turbo. V6 VG30DETT	1990-1996	5
350Z	3498 CC (3.5L) DOHC 24V V6 VQ35DE	2003-2006	7
Altima	2389 CC (2.4L) DOHC 16V L4 KA24DE	1993-2001	3
Altima	2500 CC (2.5L) DOHC 16V L4 QR25DE	2002-2006	4
Altima	3498 CC (3.5L) DOHC 24V V6 VQ35DE	2002-2006	7
Axxess	2389 CC (2.4L) SOHC 12V L4 KA24E	1990-1995	3
D21 Pickup	2389 CC (2.4L) SOHC 12V L4 KA24E	1990-1997	3
D21 Pickup	2960 CC (3.0L) SOHC 12V V6 VG30E	1990-1996	5
Frontier	2389 CC (2.4L) DOHC 16V L4 KA24DE	1998-2004	3
Frontier	2500 CC (2.5L) DOHC 16V L4 QR25DE	2005-2006	4



MODEL	ENGINE	YEAR	BLOCK
Frontier	3275 CC (3.3L) SOHC 12V V6 VG33E	1999-2004	5
Maxima	2960 CC (3.0L) SOHC 12V V6 VG30E	1990-1994	5
Maxima	2960 CC (3.0L) DOHC 24V V6 VE30DE	1992-1994	5
Maxima	2988 CC (3.0L) DOHC 24V V6 VQ30DE	1995-2001	6
Maxima	3498 CC (3.5L) DOHC 24V V6 VQ35DE	2002-2006	7
Murano	3498 CC (3.5L) DOHC 24V V6 VQ35DE	2003-2007	7
NX	1597 CC (1.6L) DOHC 16V L4 GA16DE	1991-1993	1
NX	1998 CC (2.0L) DOHC 16V L4 SR20DE	1991-1993	2
Pathfinder	2960 CC (3.0L) SOHC 12V V6 VG30E	1990-1995	5
Pathfinder	3275 CC (3.3L) SOHC 12V V6 VG33E	1996-2000	5
Pathfinder	3498 CC (3.5L) DOHC 24V V6 VQ35DE	2001-2004	7
Pulsar NX	1597 CC (1.6L) SOHC 12V L4 GA16I	1990	1
Quest	2960 CC (3.0L) SOHC 12V V6 VG30E	1993-1998	5
Quest	3275 CC (3.3L) SOHC 12V V6 VG33E	1999-2002	5
Quest	3498 CC (3.5L) DOHC 24V V6 VQ35DE	2004-2006	7
Sentra	1597 CC (1.6L) SOHC 12V L4 GA16I	1990	1
Sentra	1597 CC (1.6L) DOHC 16V L4 GA16DE	1991-1999	1
Sentra	1998 CC (2.0L) DOHC 16V L4 SR20DE	1991-1994	2
Sentra	2500 CC (2.5L) DOHC 16V L4 QR25DE	2002-2006	4
Stanza	2389 CC (2.4L) SOHC 12V L4 KA24E	1990-1992	3
X-Trail	2500 CC (2.5L) DOHC 16V L4 QR25DE	2005-2006	4
Xterra	2389 CC (2.4L) DOHC 16V L4 KA24DE	2000-2004	3
Xterra	3275 CC (3.3L) SOHC 12V V6 VG33E	2000-2004	5

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
2NABC	3.780in/96.0mm	3	4196N	3.780in/96.0mm	3	77A	3.465in/88.0mm	1
2Y68-76	3.780in/96.0mm	3	45-T	3.780in/96.0mm	3	78TM	3.465in/88.0mm	1
30R	3.780in/96.0mm	3	4A	3.780in/96.0mm	3	78TM-CA	3.465in/88.0mm	1
31-87	3.780in/96.0mm	3	4AC	3.780in/96.0mm	3	7HA	3.465in/88.0mm	1
31M	3.780in/96.0mm	3	4AL	3.780in/96.0mm	3	7HA-6303	3.465in/88.0mm	1
3281N	3.780in/96.0mm	3	6-H	3.465in/88.0mm	1	81-K	3.465in/88.0mm	1
329880N	3.780in/96.0mm	3	6M	3.465in/88.0mm	1	F5	3.268in/83.0mm	5
3YA	3.780in/96.0mm	3	7243N	3.465in/88.0mm	1	VG30	3.268in/83.0mm	5
407N	3.780in/96.0mm	3	74TM	3.465in/88.0mm	1			
40F	3.780in/96.0mm	3	76TM	3.465in/88.0mm	1			

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1597 CC (1.6L) SOHC 12V L4 GA16I			2.992"/76.0mm x 3.465"/88.0mm				1
	VIN Code: 'G' (1990)							
	1597 CC (1.6L) DOHC 16V L4 GA16DE			2.992"/76.0mm x 3.465"/88.0mm				
	VIN Codes: 'A' (1995-1999), 'E' (1991-1994), 'P' (1991-1993)							
Rod Bearing (4)	TM-77	CB-1590P	STD, .25mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
1 (cont.)	1597 CC (1.6L) SOHC 12V L4 GA16I			2.992"/76.0mm x 3.465"/88.0mm					1 (cont.)
	VIN Code: 'G' (1990)								
	1597 CC (1.6L) DOHC 16V L4 GA16DE			2.992"/76.0mm x 3.465"/88.0mm					
	VIN Codes: 'A' (1995-1999), 'E' (1991-1994), 'P' (1991-1993)								
Main Bearing Set	AL-3	MS-1950P	STD,.25mm						
	1-2-3-4-5	MB-3343P		1.9667/1.9671	0.0008/0.0037	0.0720	2.1119/2.1129	0.6690	
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-551S									
Thrust Washer Set		TW-551S	STD						
		MB-3343W		2.2057			2.7953	0.0780	
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1950P									
Crankshaft Forging 6-H, 6M, 7243N, 74TM, 76TM, 77A, 78TM, 78TM-CA, 7HA, 7HA-6303, 81-K									
2	1998 CC (2.0L) DOHC 16V L4 SR20DE			3.390"/86.1mm x 3.386"/86.0mm					2
	VIN Codes: 'B' (1995-1998), 'G' (1991-1994)								
Rod Bearing (4)	TM-1	CB-1629P	STD,.25mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690	
Main Bearing Set	TM-1	MS-2015P	STD,.25mm						
	1-2-3-4-5	MB-3478P		2.1636/2.1646	0.0005/0.0022	0.0779	2.3206/2.3216	0.7480	
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-590S									
Thrust Washer Set		TW-590S	STD						
		MB-3478W		2.4314			3.2878	0.0770	
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2015P									
3	2389 CC (2.4L) SOHC 12V L4 KA24E			3.504"/89.0mm x 3.780"/96.0mm					3
	VIN Codes: 'F' (1990-1992), 'H' (1990-1995), 'S' (1990-1997)								
	2389 CC (2.4L) DOHC 16V L4 KA24DE			3.504"/89.0mm x 3.780"/96.0mm					
	VIN Codes: 'A' (1995-1998), 'B' (1993-1997), 'D' (1998-2004), 'M' (1991-1994)								
Rod Bearing (4)	TM-1	CB-1589P	STD,.25mm,.50mm	1.9670/1.9675	0.0004/0.0024	0.0594	2.0866/2.0871	0.7870	
Main Bearing Set	TM-1	MS-1949P	STD,.25mm,.50mm						
	1-2-4-5	MB-3341P		2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	0.7480	
	3	MB-3342P(F)		2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	1.0610	
NOTE: .25mm And .50mm Undersize Set Contains .15mm Oversize Length Flanged Bearing									
Main Bearing Set	TM-1	MS-2080P-.25mm.50mm							
	1-2-4-5	MB-3341P		2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	0.7480	
	3	MB-3576P(F)		2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	1.0610	
NOTE: All Sizes Contain Standard Length Flanged Bearing									
Crankshaft Forging 2NABC, 2Y68-76, 30R, 31-87, 31M, 3281N, 329880N, 3YA, 407N, 40F, 4196N, 45-T, 4A, 4AC, 4AL									
4	2500 CC (2.5L) DOHC 16V L4 QR25DE			3.503"/89.0mm x 3.937"/100.0mm					4
	VIN Code: '-' (2002-2006)								
Rod Bearing (4)	AL-3	CB-1858AL	STD,.25mm,.50mm	1.7699/1.7706	0.0007/0.0028	0.0595	1.8898/1.8902	0.7520	
For Year(s): 2002-2004									
Main Bearing Set	AL-3	MS-2263AL	STD,.25mm,.50mm						
	1-2-4-5	MB-3892AL		2.1636/2.1645	0.0002/0.0010	0.0786	2.3206/2.3215	0.7913	
	3	MB-3893AL(F)		2.1636/2.1645	0.0002/0.0010	0.0786	2.3206/2.3215	0.9272	
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-679S									
Thrust Washer Set		TW-679S	STD						
		MB-3900W(L)		2.3335			3.2776	0.0965	
		MB-3900W(U)		2.3335			3.2776	0.0965	
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2263AL									



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
5	2960 CC (3.0L) SOHC 12V V6 VG30E VIN Codes: '1' (1997-1998), 'H' (1990-1996), 'W' (1993-1996)			3.425"/87.0mm x 3.268"/83.0mm				5
	2960 CC (3.0L) DOHC 24V V6 VE30DE VIN Code: 'E' (1992-1994)			3.425"/87.0mm x 3.268"/83.0mm				
	2960 CC (3.0L) DOHC 24V V6 VG30DE VIN Code: 'R' (1990-1996)			3.425"/87.0mm x 3.268"/83.0mm				
	2960 CC (3.0L) DOHC 24V Turbo. V6 VG30DETT VIN Code: 'C' (1990-1996)			3.425"/87.0mm x 3.268"/83.0mm				
	3275 CC (3.3L) SOHC 12V V6 VG33E VIN Codes: 'A' (1996-2000), 'E' (1999-2004), 'T' (1999-2002)			3.602"/91.5mm x 3.268"/83.0mm				
Rod Bearing (6)	TM-1	CB-1591P	STD,.25mm,.50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Main Bearing Set	TM-1	MS-1951P	STD,.25mm,.50mm					
1		MB-3344P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860
2-3		MB-3345P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480
4		MB-3346P(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340
NOTE: .25mm And .50mm Undersize Set Contains .15mm Oversize Length Flanged Bearing								
Main Bearing Set	TM-1	MS-2074P-.25mm	50mm					
1		MB-2995P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.8910
2-3		MB-2996P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.7530
4		MB-3570P(F)		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	1.1360
NOTE: All Sizes Contain Standard Length Flanged Bearing								
Crankshaft Forging F5, VG30								
6	2988 CC (3.0L) DOHC 24V V6 VQ30DE VIN Code: 'C' (1995-2001)			3.661"/93.0mm x 2.890"/73.3mm				6
Main Bearing Set	TM-77	MS-2262P	STD,.25mm,.50mm					
1-2-3-4		MB-3891P		2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-678S								
Thrust Washer Set		TW-678S	STD					
		MB-3899W(L)		2.6181/2.6280			3.1201/3.1299	0.0768
		MB-3899W(U)		2.6181/2.6280			3.1201/3.1299	0.0768
NOTE: Contains 3 Pieces, Position Number 3 Use with Part Number MS-2262P								
7	3498 CC (3.5L) DOHC 24V V6 VQ35DE VIN Code: 'L' (2001-2007)			3.760"/95.5mm x 3.210"/81.4mm				7
Rod Bearing (6)	TM-77	CB-1857P	STD,.25mm,.50mm	2.0455/2.0462	0.0009/0.0031	0.0594	2.1654/2.1659	0.6732
Main Bearing Set	TM-77	MS-2262P	STD,.25mm,.50mm					
1-2-3-4		MB-3891P		2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-678S								
Thrust Washer Set		TW-678S	STD					
		MB-3899W(L)		2.6181/2.6280			3.1201/3.1299	0.0768
		MB-3899W(U)		2.6181/2.6280			3.1201/3.1299	0.0768
NOTE: Contains 3 Pieces, Position Number 3 Use with Part Number MS-2262P								



ENGINE	YEAR	BORE & STROKE	BLOCK
254 CID (4.2L) DOHC 24V L6 General Motors Vortec	2005-2009	3.661"/93.0mm X 4.016"/102.0mm	1
5328 CC (5.3L) 16V V8 General Motors Vortec	2005-2009	3.780"/96.0mm X 3.622"/92.0mm	2
364 CID (6.0L) 16V V8 General Motors Vortec	2008	4.000"/101.6mm X 3.622"/92.0mm	3

MODEL	ENGINE	YEAR	BLOCK
9-7x	254 CID (4.2L) DOHC 24V L6 General Motors Vortec LL8	2005-2009	1
9-7x	5328 CC (5.3L) 16V V8 General Motors Vortec LH6	2005-2009	2
9-7x	364 CID (6.0L) 16V V8 General Motors Vortec LS2	2008	3

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL				
1	254 CID (4.2L) DOHC 24V L6 General Motors Vortec			3.661"/93.0mm x 4.016"/102.0mm				1
VIN Code: 'S [LL8]' (2005-2009)								
Rod Bearing (6)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
For Year(s): 2006-2009 NOTE: 2006 with Oil Hole in Bearing								
Rod Bearing (6)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
For Year(s): 2006-2009 NOTE: 2006 with Oil Hole in Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Rod Bearing (6)	AL-5	CB-1811A	STD,10,20,30	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
For Year(s): 2005-2006 NOTE: 2006, No Oil Hole In Bearing								
Rod Bearing (6)	TM-77	CB-1811P	STD,10,20	2.2319/2.2325	0.0002/0.0024	0.0711	2.3749/2.3755	0.8110
For Year(s): 2005-2006 NOTE: 2006, No Oil Hole In Bearing								
Rod Bearing (6)	AL-5	CB-1816A-10	20,30	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
For Year(s): 2005-2006 NOTE: 2006, No Oil Hole In Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Rod Bearing (6)	TM-77	CB-1816P-10	20	2.2319/2.2325	0.0002/0.0024	0.0721	2.3769/2.3775	0.8110
For Year(s): 2005-2006 NOTE: 2006, No Oil Hole In Bearing (Connecting Rods With Housing Bore Resized .002" Larger Than Stock)								
Main Bearing Set	AL-3	MS-2224AL	STD,10,20,30	2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.8141
1-2-3-4-6-7		MB-3781A		2.7546/2.7552	0.0003/0.0020	0.1592	3.0736/3.0743	0.9980
5		MB-3782A(F)						
Piston Pin Bushing (6)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
For Year(s): 2005-2007 NOTE: Requires Light Reaming								
Piston Pin Bushing (6)	C-1	223-3668	STD	0.9054/0.9055		0.0630	1.0133/1.0148	0.9350
For Year(s): 2005-2007 NOTE: Requires Boring								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
2	5328 CC (5.3L) 16V V8 General Motors Vortec			3.780"/96.0mm x 3.622"/92.0mm				2
VIN Code: 'M [LH6]' (2005-2009)								
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-5	MS-2199A MB-3591A MB-3592A(F)	STD,10,20,30	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20,30	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
Cam Bearing Set 1-5 2-4 3	B-1	SH-2125S SH-1995 SH-2124 SH-2125	STD	2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
Cam Bearing Set 1-5 2-4 3	B-1	SH-1995S SH-1995 SH-1814 SH-1816	STD	2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
For Year(s): 2005-2007 <i>(To Be Replaced By SH-2125S)</i>								
3	364 CID (6.0L) 16V V8 General Motors Vortec			4.000"/101.6mm x 3.622"/92.0mm				3
VIN Code: 'H [LS2]' (2008)								
Rod Bearing (8)	AL-5	CB-663A	STD,10,20,30	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	TM-77	CB-663P	STD,1,2,10,20,30 40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Rod Bearing (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Rod Bearing (8)	TM-77	CB-1776P-10	20,30,40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-5	MS-2199A MB-3591A MB-3592A(F)	STD,10,20,30	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20,30	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
Cam Bearing Set 1-5 2-4 3	B-1	SH-2125S SH-1995 SH-2124 SH-2125	STD	2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
Cam Bearing Set 1-5 2-4 3	B-1	SH-1995S SH-1995 SH-1814 SH-1816	STD	2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800



ENGINE	YEAR	BORE & STROKE	BLOCK
116 CID (1.9L) SOHC 8V L4 General Motors	1991-2002	3.230"/82.0mm X 3.540"/89.9mm	1
116 CID (1.9L) DOHC 16V L4 General Motors	1991-2002	3.230"/82.0mm X 3.540"/89.9mm	1
122 CID (2.0L) DOHC 16V SC L4 General Motors Ecotec	2004-2007	3.386"/86.0mm X 3.385"/86.0mm	2
122 CID (2.0L) DOHC 16V Turbo. L4 General Motors Ecotec	2007-2009	3.386"/86.0mm X 3.385"/86.0mm	2
134 CID (2.2L) DOHC 16V L4 General Motors Ecotec	2000-2007	3.386"/86.0mm X 3.724"/94.6mm	3
145 CID (2.4L) DOHC 16V L4 General Motors Ecotec	2006-2009	3.464"/88.0mm X 3.850"/98.0mm	4
145 CID (2.4L) DOHC 16V L4 General Motors Ecotec Hybrid	2007-2009	3.464"/88.0mm X 3.850"/98.0mm	4
181 CID (3.0L) DOHC 24V V6 Opel	2000-2005	3.390"/86.0mm X 3.350"/85.0mm	5
213 CID (3.5L) 12V V6 General Motors	2005-2006	3.701"/94.0mm X 3.310"/84.1mm	6
214 CID (3.5L) 12V V6 General Motors	2007-2008	3.900"/99.0mm X 2.990"/76.0mm	7
217 CID (3.6L) DOHC 24V V6 General Motors	2007-2010	3.700"/94.0mm X 3.370"/85.6mm	8
237 CID (3.9L) 12V V6 General Motors	2006-2007	3.900"/99.0mm X 3.310"/84.0mm	7

MODEL	ENGINE	YEAR	BLOCK
Aura	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec LE5	2008-2009	4
Aura	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec LAT Hybrid	2007-2009	4
Aura	214 CID (3.5L) 12V V6 General Motors LZ4	2007-2008	7
Aura	217 CID (3.6L) DOHC 24V V6 General Motors LY7	2007-2009	8
Ion	122 CID (2.0L) DOHC 16V SC L4 General Motors Ecotec LSJ	2004-2007	2
Ion	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2003-2007	3
Ion	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec LE5	2006-2007	4
L100	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2001-2002	3
L200	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2001-2003	3
L300	181 CID (3.0L) DOHC 24V V6 Opel L81	2001-2003, 2005	5
L300-1	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2004	3
L300-2	181 CID (3.0L) DOHC 24V V6 Opel L81	2004	5
L300-3	181 CID (3.0L) DOHC 24V V6 Opel L81	2004	5
LS	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2000	3
LS1	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2000	3
LS2	181 CID (3.0L) DOHC 24V V6 Opel L81	2000	5
LW1	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2000	3
LW2	181 CID (3.0L) DOHC 24V V6 Opel L81	2000	5
LW200	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2001-2003	3
LW300	181 CID (3.0L) DOHC 24V V6 Opel L81	2001-2003	5
Outlook	217 CID (3.6L) DOHC 24V V6 General Motors LY7	2007-2010	8
Outlook	217 CID (3.6L) DOHC 24V V6 General Motors LLT	2007-2010	8
Relay-1	237 CID (3.9L) 12V V6 General Motors LGD	2007	7
Relay-1	237 CID (3.9L) 12V V6 General Motors LZ9	2007	7
Relay-2	213 CID (3.5L) 12V V6 General Motors LX9	2005-2006	6
Relay-2	237 CID (3.9L) 12V V6 General Motors LZ9	2007	7
Relay-2	237 CID (3.9L) 12V V6 General Motors LGD	2007	7
Relay-3	213 CID (3.5L) 12V V6 General Motors LX9	2005-2006	6
Relay-3	237 CID (3.9L) 12V V6 General Motors LZ9	2006-2007	7
Relay-3	237 CID (3.9L) 12V V6 General Motors LGD	2006-2007	7
SC	116 CID (1.9L) DOHC 16V L4 General Motors	1991-1992	1
SC1	116 CID (1.9L) SOHC 8V L4 General Motors	1993-2002	1
SC2	116 CID (1.9L) DOHC 16V L4 General Motors	1993-2002	1
Sky	122 CID (2.0L) DOHC 16V Turbo. L4 General Motors Ecotec LNF	2007-2009	2
Sky	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec LE5	2007-2009	4
SL	116 CID (1.9L) SOHC 8V L4 General Motors	1991-2002	1
SL1	116 CID (1.9L) SOHC 8V L4 General Motors	1991-2002	1
SL2	116 CID (1.9L) DOHC 16V L4 General Motors	1991-2002	1



MODEL	ENGINE	YEAR	BLOCK
SW1	116 CID (1.9L) SOHC 8V L4 General Motors	1993-1999	1
SW2	116 CID (1.9L) DOHC 16V L4 General Motors	1993-2001	1
Vue	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec L61	2002-2007	3
Vue	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec LE5	2008-2009	4
Vue	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec LAT Hybrid	2007-2009	4
Vue	181 CID (3.0L) DOHC 24V V6 Opel L81	2002-2003	5
Vue	214 CID (3.5L) 12V V6 General Motors LZ4	2008	7
Vue	217 CID (3.6L) DOHC 24V V6 General Motors LY7	2008-2009	8

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK
210008832	3.540in/89.9mm	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	116 CID (1.9L) SOHC 8V L4 General Motors VIN Codes: '8' (1995-2002), '9' (1991-1994)			3.230"/82.0mm x 3.540"/89.9mm				1
	116 CID (1.9L) DOHC 16V L4 General Motors VIN Code: '7' (1991-2002)			3.230"/82.0mm x 3.540"/89.9mm				
Rod Bearing (4)	TM-77	CB-1623P	STD,.25mm,.50mm	1.8500/1.8508	0.0005/0.0021	0.0626	1.9761/1.9766	0.8000
Main Bearing Set 1-2-4-5 3	TM-77	MS-2009P MB-3468P MB-3469P(F)	STD,.25mm	2.2438/2.2443	0.0005/0.0019	0.0783	2.4013/2.4018	0.7210 0.9205
Crankshaft Forging 210008832								
2	122 CID (2.0L) DOHC 16V SC L4 General Motors Ecotec VIN Code: 'P [LSJ]' (2004-2007)			3.386"/86.0mm x 3.385"/86.0mm				2
	122 CID (2.0L) DOHC 16V Turbo. L4 General Motors Ecotec VIN Code: 'X [LNF]' (2007-2009)			3.386"/86.0mm x 3.385"/86.0mm				
Rod Bearing (4)	AL-5	CB-1827AL	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Rod Bearing (4)	AL-5	CB-1828AL-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-3-4-5 2	AL-5	MS-2232AL MB-3824AL MB-3825AL(F)	STD,10,20,30	2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795 1.0417
3	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec VIN Codes: 'D [L61]' (2002-2007), 'F [L61]' (2000-2007)			3.386"/86.0mm x 3.724"/94.6mm				3
Rod Bearing (4)	AL-5	CB-1827AL	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Rod Bearing (4)	AL-5	CB-1828AL-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Main Bearing Set 1-3-4-5 2	AL-5	MS-2232AL MB-3824AL MB-3825AL(F)	STD,10,20,30	2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795 1.0417
Balance Shaft Bearing Set Rear	AL-3	SH-2002S SH-2002	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
3 (cont.)	134 CID (2.2L) DOHC 16V L4 General Motors Ecotec VIN Codes: 'D [L61]' (2002-2007), 'F [L61]' (2000-2007)			3.386"/86.0mm x 3.724"/94.6mm				3 (cont.)
Piston Pin Bushing (4) NOTE: Requires Boring	C-1	223-3670	STD	0.7872/0.7874	0.0003/0.0008		0.8720/0.8725	0.9250
4	145 CID (2.4L) DOHC 16V L4 General Motors Ecotec VIN Codes: 'B [LE5]' (2006-2009), 'P [LE5]' (2008-2009) 145 CID (2.4L) DOHC 16V L4 General Motors Ecotec Hybrid VIN Codes: '5 [LAT]' (2007-2009), 'Z [LAT]' (2007-2009)			3.464"/88.0mm x 3.850"/98.0mm				4
Rod Bearing (4)	AL-5	CB-1827AL	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Rod Bearing (4) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1828AL-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
Main Bearing Set 1-3-4-5 2	AL-5	MS-2232AL MB-3824AL MB-3825AL(F)	STD,10,20,30	2.2044/2.2050 2.2044/2.2050	0.0013/0.0031 0.0008/0.0025	0.1589 0.1591	2.5223/2.5229 2.5223/2.5229	0.7795 1.0417
Balance Shaft Bearing Set Rear	AL-3	SH-2002S SH-2002	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
6 CYL								
5	181 CID (3.0L) DOHC 24V V6 Opel VIN Codes: 'B [L81]' (2002-2003), 'R [L81]' (2000-2005)			3.390"/86.0mm x 3.350"/85.0mm				5
Rod Bearing (6)	AL-3	CB-1851AL	STD,.25mm	2.1248/2.1256	0.0005/0.0024	0.0589	2.2441/2.2446	0.6417
Main Bearing Set 1 2-3 4	AL-3	MS-2270AL MB-3888AL MB-3889AL MB-3890AL(F)	STD,.25mm	2.6763/2.6770 2.6763/2.6770 2.6763/2.6770	0.0006/0.0017 0.0006/0.0017 0.0006/0.0017	0.0785 0.0785 0.0785	2.8346/2.8352 2.8346/2.8352 2.8346/2.8352	0.7913 0.6693 0.9646
6	213 CID (3.5L) 12V V6 General Motors VIN Code: 'L [LX9]' (2005-2006)			3.701"/94.0mm x 3.310"/84.1mm				6
Rod Bearing (6)	AL-5	CB-1874A	STD,.25mm•,.50mm• .75mm•	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Rod Bearing (6) NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock	AL-5	CB-1875A-.25mm.50mm• .75mm•		2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
Main Bearing Set 1 2 3 4 For Year(s): 2006 NOTE: Contains Aluminum Bearings For Postions 1, 2, 3 And A TriMetal Bearing For Position Number 4	AL-5	MS-2274A MB-3511A MB-3512A MB-3881A(F) MB-3883P	STD,.25mm,.50mm• .75mm•	2.6473/2.6479 2.6473/2.6479 2.6473/2.6479 2.6473/2.6483	0.0015/0.0036 0.0015/0.0036 0.0004/0.0032 0.0001/0.0041	0.0958 0.0958 0.0959 0.0960	2.8407/2.8412 2.8407/2.8412 2.8407/2.8412 2.8400/2.8410	0.9770 0.7380 0.9420 0.9750
Main Bearing Set 1-4 2 3 For Year(s): 2005	AL-5	MS-2273A MB-3511A MB-3512A MB-3881A(F)	STD,.25mm,.50mm• .75mm•	2.6473/2.6479 2.6473/2.6479 2.6473/2.6479	0.0015/0.0036 0.0015/0.0036 0.0004/0.0032	0.0958 0.0958 0.0959	2.8407/2.8412 2.8407/2.8412 2.8407/2.8412	0.9770 0.7380 0.9420
Cam Bearing Set 1 2-3 4 NOTE: SH-1364S-80 Contains .080" Oversize Outside Diameter Bearings	B-1	SH-1364S SH-1362 SH-1363 SH-1364	STD,80	1.8677/1.8697 1.8677/1.8697 1.8677/1.8697	0.0012/0.0053 0.0011/0.0057 0.0012/0.0053	0.0691 0.0640 0.0691	2.0090/2.0110 1.9988/2.0002 2.0091/2.0100	0.6300 0.6350 0.6300

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
7	214 CID (3.5L) 12V V6 General Motors			3.900"/99.0mm x 2.990"/76.0mm				7
	VIN Code: 'N [LZ4]' (2007-2008)							
	237 CID (3.9L) 12V V6 General Motors			3.900"/99.0mm x 3.310"/84.0mm				
	VIN Codes: '1 [LZ9]' (2006-2007), 'W [LGD]' (2007)							
Rod Bearing (6)	AL-5	CB-1874A	STD,.25mm•,.50mm• .75mm•	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Rod Bearing (6)	AL-5	CB-1875A-.25mm.50mm•.75mm•		2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
	NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock							
Main Bearing Set	AL-5	MS-2275A	STD,.25mm,.50mm• .75mm•	2.6473/2.6483	0.0001/0.0033	0.0960	2.8400/2.8410	0.9750
1		MB-3885A		2.6473/2.6483	0.0001/0.0033	0.0960	2.8400/2.8410	0.7750
2		MB-3884A		2.6473/2.6479	0.0004/0.0032	0.0959	2.8407/2.8412	0.9420
3		MB-3881A(F)		2.6473/2.6483	0.0001/0.0041	0.0960	2.8400/2.8410	0.9750
4		MB-3883P						
	NOTE: Contains Aluminum Bearings For Postions 1, 2, 3 And A TriMetal Bearing For Position Number 4							
Cam Bearing Set	B-1	SH-2121S	STD	2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.9100
1		SH-2121		2.0242/2.0252	0.0011/0.0053	0.0646	2.1555/2.1575	0.6350
2-3		SH-2122		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.6250
4		SH-2123						
8	217 CID (3.6L) DOHC 24V V6 General Motors			3.700"/94.0mm x 3.370"/85.6mm				8
	VIN Codes: '7 [LY7]' (2007-2009), 'D [LLT]' (2009-2010)							
Rod Bearing (6)	AL-5	CB-1877A	STD•.10•.20•	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
Rod Bearing (6)	AL-5	CB-1879A-10	20•	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
	NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock							
Main Bearing Set	AL-5	MS-2276A	STD•.10•.20•	2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776
1-2-4		MB-3886A		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563
3		MB-3887A(F)						

SCION

ENGINE	YEAR	BORE & STROKE	BLOCK
1497 CC (1.5L) DOHC 16V L4 Toyota VVTi 1NZFE	2004-2006	2.950"/75.0mm X 3.330"/84.7mm	1
2362 CC (2.4L) DOHC 16V L4 Toyota 2AZFE	2005-2009	3.484"/88.5mm X 3.780"/96.0mm	2

MODEL	ENGINE	YEAR	BLOCK
tC	2362 CC (2.4L) DOHC 16V L4 Toyota 2AZFE	2005-2009	2
xA	1497 CC (1.5L) DOHC 16V L4 Toyota VVTi 1NZFE	2004-2006	1
xB	1497 CC (1.5L) DOHC 16V L4 Toyota VVTi 1NZFE	2004-2006	1
xB	2362 CC (2.4L) DOHC 16V L4 Toyota 2AZFE	2008-2009	2



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1497 CC (1.5L) DOHC 16V L4 Toyota VVTi 1NZFE			2.950"/75.0mm x 3.330"/84.7mm				1
VIN Code: '-' (2004-2006)								
Rod Bearing (4)	AL-3	CB-1864AL	STD,.25mm,.50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Main Bearing Set 1-2-3-4-5	AL-3	MS-2268AL MB-3898AL	STD,.25mm,.50mm	1.8110/1.8115	0.0003/0.0024	0.0785	1.9685/1.9691	0.6339
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-684S								
Thrust Washer Set		TW-684S MB-3904W	STD	2.1161			2.7461	0.0976
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2268AL								
2	2362 CC (2.4L) DOHC 16V L4 Toyota 2AZFE			3.484"/88.5mm x 3.780"/96.0mm				2
VIN Code: '-' (2005-2009)								
Rod Bearing (4)	AL-3	CB-1835AL	STD,.25mm,.50mm	1.8894/1.8898	0.0010	0.0588	2.0079/2.0087	0.6140
Main Bearing Set 1-5	AL-3	MS-2243AL MB-3819ALU	STD,.25mm,.50mm	2.1648/2.1654	0.0005	0.0786	2.3228/2.3235	0.6690
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-619S								
Thrust Washer Set		TW-619S MB-3821W	STD	2.3819/2.3917			3.0610/3.0709	0.0780
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2243AL								

STERLING

ENGINE	YEAR	BORE & STROKE	BLOCK
2675 CC (2.7L) SOHC 24V V6 Honda	1990-1991	3.425"/87.0mm X 2.953"/75.0mm	1

MODEL	ENGINE	YEAR	BLOCK
827	2675 CC (2.7L) SOHC 24V V6 Honda	1990-1991	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	2675 CC (2.7L) SOHC 24V V6 Honda			3.425"/87.0mm x 2.953"/75.0mm				1
VIN Codes: 'G' (1990-1991), 'H' (1990-1991), 'K' (1990-1991)								
Rod Bearing (6)	TM-1	CB-1457P	STD,.25mm	2.0463/2.0472	0.0010/0.0020	0.0592	2.1654/2.1663	0.6890



ENGINE	YEAR	BORE & STROKE	BLOCK
1189 CC (1.2L) SOHC 9V L3 EF12 Carbureted	1990-1991	3.071"/78.0mm X 2.874"/73.0mm	1
1189 CC (1.2L) SOHC 9V L3 EF12	1990-1994	3.071"/78.0mm X 2.874"/73.0mm	1
1781 CC (1.8L) SOHC 8V H4 EA82S	1990-1994	3.622"/92.0mm X 2.638"/67.0mm	2
1781 CC (1.8L) SOHC 8V Turbo. H4 EA82T	1990	3.622"/92.0mm X 2.638"/67.0mm	2
1820 CC (1.8L) SOHC 16V H4 EJ18E	1993-1997	3.461"/87.9mm X 2.953"/75.0mm	3
2212 CC (2.2L) SOHC 16V H4 EJ222	1999-2001	3.815"/96.9mm X 2.953"/75.0mm	3
2212 CC (2.2L) SOHC 16V H4 EJ223	1999-2001	3.815"/96.9mm X 2.953"/75.0mm	3
2212 CC (2.2L) SOHC 16V H4 EJ22E	1990-1998	3.815"/96.9mm X 2.953"/75.0mm	3
2212 CC (2.2L) SOHC 16V H4 EJ22EZ	1996-1998	3.815"/96.9mm X 2.953"/75.0mm	3
2212 CC (2.2L) SOHC 16V Turbo. H4 EJ22T	1991-1994	3.815"/96.9mm X 2.953"/75.0mm	3
2457 CC (2.5L) DOHC 16V H4 EJ25D	1996-1999	3.917"/99.5mm X 3.110"/79.0mm	3
2457 CC (2.5L) DOHC 16V H4 EJ25DZ	1998	3.917"/99.5mm X 3.110"/79.0mm	3
2672 CC (2.7L) SOHC 12V H6 ER27	1990-1991	3.622"/92.0mm X 2.638"/67.0mm	4

MODEL	ENGINE	YEAR	BLOCK
Forester	2457 CC (2.5L) DOHC 16V H4 EJ25D	1998	3
Forester	2457 CC (2.5L) DOHC 16V H4 EJ25DZ	1998	3
Impreza	1820 CC (1.8L) SOHC 16V H4 EJ18E	1993-1997	3
Impreza	2212 CC (2.2L) SOHC 16V H4 EJ222	1999-2001	3
Impreza	2212 CC (2.2L) SOHC 16V H4 EJ223	1999-2001	3
Impreza	2212 CC (2.2L) SOHC 16V H4 EJ22E	1993-1997	3
Impreza	2457 CC (2.5L) DOHC 16V H4 EJ25D	1998	3
Justy	1189 CC (1.2L) SOHC 9V L3 EF12 Carbureted	1990-1991	1
Justy	1189 CC (1.2L) SOHC 9V L3 EF12	1990-1994	1
Legacy	2212 CC (2.2L) SOHC 16V H4 EJ22E	1990-1998	3
Legacy	2212 CC (2.2L) SOHC 16V H4 EJ22EZ	1996-1998	3
Legacy	2212 CC (2.2L) SOHC 16V Turbo. H4 EJ22T	1991-1994	3
Legacy	2457 CC (2.5L) DOHC 16V H4 EJ25D	1996-1999	3
Loyale	1781 CC (1.8L) SOHC 8V H4 EA82S	1990-1994	2
Loyale	1781 CC (1.8L) SOHC 8V Turbo. H4 EA82T	1990	2
XT	1781 CC (1.8L) SOHC 8V H4 EA82S	1990-1991	2
XT	2672 CC (2.7L) SOHC 12V H6 ER27	1990-1991	4

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
3 CYL								
1	1189 CC (1.2L) SOHC 9V L3 EF12 Carbureted VIN Codes: '7' (1990-1991), '8' (1990-1991)			3.071"/78.0mm x 2.874"/73.0mm				1
	1189 CC (1.2L) SOHC 9V L3 EF12 VIN Codes: '7' (1990-1994), '8' (1990-1994)			3.071"/78.0mm x 2.874"/73.0mm				
Rod Bearing (3)	TM-1	CB-1469P	STD.,.25mm,.50mm	1.6531/1.6535	0.0008/0.0030	0.0587	1.7717/1.7723	0.5960
Main Bearing Set	TM-1	MS-2003P	STD.,.25mm,.50mm	1.6525/1.6530	0.0008/0.0024	0.0594	1.7717/1.7723	0.7930
1-2-3		MB-3459P		1.6525/1.6530	0.0008/0.0024	0.0594	1.7717/1.7723	0.9830
4		MB-3460P(F)						



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
2	1781 CC (1.8L) SOHC 8V H4 EA82S VIN Codes: '4' (1990-1993), '5' (1990-1994)			3.622"/92.0mm x 2.638"/67.0mm				2
	1781 CC (1.8L) SOHC 8V Turbo. H4 EA82T VIN Codes: '4' (1990), '5' (1990)			3.622"/92.0mm x 2.638"/67.0mm				
Rod Bearing (4)	TM-1	CB-1217P	STD,.25mm	1.7712/1.7717	0.0008/0.0033	0.0585	1.8898/1.8904	0.5510
Main Bearing Set 1-3 2	AL-3	MS-1571AL MB-2889AL MB-2890AL(F)	STD,.25mm	2.1637/2.1642 2.1637/2.1642	0.0007/0.0028 0.0007/0.0028	0.0795	2.3226/2.3232	0.8270 1.0220
NOTE: .25mm And .50mm Undersize Set Contains .15mm Oversize Length Flanged Bearing, .75mm Undersize Set Contains .25mm Oversize Length Flanged Bearing								
3	1820 CC (1.8L) SOHC 16V H4 EJ18E VIN Codes: '1' (1996), '2' (1993-1997)			3.461"/87.9mm x 2.953"/75.0mm				3
	2212 CC (2.2L) SOHC 16V H4 EJ222 VIN Code: '4' (1999-2001)			3.815"/96.9mm x 2.953"/75.0mm				
	2212 CC (2.2L) SOHC 16V H4 EJ223 VIN Code: '4' (1999-2001)			3.815"/96.9mm x 2.953"/75.0mm				
	2212 CC (2.2L) SOHC 16V H4 EJ22E VIN Codes: '3' (1996), '4' (1996-1998), '6' (1990-1995, 1997)			3.815"/96.9mm x 2.953"/75.0mm				
	2212 CC (2.2L) SOHC 16V H4 EJ22EZ VIN Code: '4' (1996-1998)			3.815"/96.9mm x 2.953"/75.0mm				
	2212 CC (2.2L) SOHC 16V Turbo. H4 EJ22T VIN Code: '6' (1991-1994)			3.815"/96.9mm x 2.953"/75.0mm				
	2457 CC (2.5L) DOHC 16V H4 EJ25D VIN Codes: '-1' (1999), '6' (1996-1998)			3.917"/99.5mm x 3.110"/79.0mm				
	2457 CC (2.5L) DOHC 16V H4 EJ25DZ VIN Code: '6' (1998)			3.917"/99.5mm x 3.110"/79.0mm				
Rod Bearing (4)	TM-1	CB-1657AL	STD,.25mm,.50mm	2.0466/2.0472	0.0006/0.0017		2.1648/2.1652	
NOTE: For 52mm Shaft Size Engine								
Rod Bearing (4)	TM-1	CB-1850P	STD,.25mm,.50mm	1.8898		0.0590	2.0079	0.6154
NOTE: For 48mm Shaft Size Engine								
Main Bearing Set 1-5 2-4 3	AL-3	MS-2062AL MB-3552ALA MB-3552ALB MB-3553AL(F)	STD,.25mm,.50mm	2.3616/2.3622 2.3616/2.3622 2.3616/2.3622	0.0002/0.0022 0.0002/0.0022 0.0002/0.0022	0.0788	2.5197/2.5205	0.7480 0.5905 0.8640
NOTE: For Engines With Thrust Bearing In Position Number 3								
Main Bearing Set 1-3 2-4 5	AL-3	MS-2258AL MB-3552ALA MB-3552ALB MB-3840AL(F)	STD,.25mm,.50mm	2.3616/2.3622 2.3616/2.3622 2.3616/2.3622	0.0002/0.0022 0.0002/0.0022 0.0002/0.0022	0.0788	2.5197/2.5205	0.7480 0.5905 0.9031
NOTE: For Engines With Thrust Bearing In Position Number 5								
6 CYL								
4	2672 CC (2.7L) SOHC 12V H6 ER27 VIN Codes: '8' (1990-1991), '9' (1990)			3.622"/92.0mm x 2.638"/67.0mm				4
Rod Bearing (6)	AL-3	CB-1470AL	STD	1.7715/1.7720	0.0004/0.0039	0.0587	1.8898/1.8904	0.5760



ENGINE	YEAR	BORE & STROKE	BLOCK
1298 CC (1.3L) SOHC 8V L4 G13BA	1990-1995	2.913"/74.0mm X 2.972"/75.5mm	1
1298 CC (1.3L) DOHC 16V L4 G13K	1990-1994	2.913"/74.0mm X 2.972"/75.5mm	2
1590 CC (1.6L) SOHC 16V L4 G16A	1998	2.953"/75.0mm X 3.543"/90.0mm	3
1590 CC (1.6L) SOHC 8V L4 G16KC	1990-1995	2.953"/75.0mm X 3.543"/90.0mm	3
1590 CC (1.6L) SOHC 16V L4 G16KV	1992-2001	2.953"/75.0mm X 3.543"/90.0mm	3
3564 CC (3.6L) DOHC 24V V6 N36A	2007-2009	3.700"/94.0mm X 3.370"/85.6mm	4

MODEL	ENGINE	YEAR	BLOCK
Esteem	1590 CC (1.6L) SOHC 16V L4 G16A	1998	3
Esteem	1590 CC (1.6L) SOHC 16V L4 G16KV	1995-2001	3
Samurai	1298 CC (1.3L) SOHC 8V L4 G13BA	1990-1995	1
Sidekick	1590 CC (1.6L) SOHC 8V L4 G16KC	1990-1995	3
Sidekick	1590 CC (1.6L) SOHC 16V L4 G16KV	1992-1998	3
Swift	1298 CC (1.3L) DOHC 16V L4 G13K	1990-1994	2
Vitara	1590 CC (1.6L) SOHC 16V L4 G16KV	1999	3
X-90	1590 CC (1.6L) SOHC 16V L4 G16KV	1996-1998	3
XL-7	3564 CC (3.6L) DOHC 24V V6 N36A	2007-2009	4

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1298 CC (1.3L) SOHC 8V L4 G13BA VIN Code: '3' (1990-1995)			2.913"/74.0mm x 2.972"/75.5mm				1
Rod Bearing (4)	AL-3	CB-1401AL	STD, .25mm, .50mm, .75mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Main Bearing Set 1-2-3-4-5	AL-3	MS-1779AL MB-3172AL	STD, .25mm, .50mm	1.7717/1.7724	0.0008/0.0027	0.0787	1.9291/1.9298	0.7080
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-455S								
Thrust Washer Set		TW-455S MB-3172W	STD	2.0472			2.6772	0.0990
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1779AL								
2	1298 CC (1.3L) DOHC 16V L4 G13K VIN Code: '3' (1990-1994)			2.913"/74.0mm x 2.972"/75.5mm				2
Main Bearing Set 1-2-3-4-5	AL-3	MS-1779AL MB-3172AL	STD, .25mm, .50mm	1.7717/1.7724	0.0008/0.0027	0.0787	1.9291/1.9298	0.7080
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-455S								
Thrust Washer Set		TW-455S MB-3172W	STD	2.0472			2.6772	0.0990
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1779AL								



COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL									
3	1590 CC (1.6L) SOHC 16V L4 G16A			2.953"/75.0mm x 3.543"/90.0mm					3
	VIN Code: '3' (1998)								
	1590 CC (1.6L) SOHC 8V L4 G16KC			2.953"/75.0mm x 3.543"/90.0mm					
	VIN Code: '0' (1990-1995)								
1590 CC (1.6L) SOHC 16V L4 G16KV			2.953"/75.0mm x 3.543"/90.0mm						
VIN Codes: '0' (1992-1998), '1' (1996-1998), '3' (1995-2001)									
Rod Bearing (4)	AL-3	CB-1477AL	STD, .25mm, .50mm, .75mm	1.7316/1.7325	0.0008/0.0031	0.0591	1.8504/1.8513	0.7130	
Main Bearing Set 1-2-3-4-5	AL-3	MS-1820AL MB-3209AL	STD, .25mm	2.0468/2.0472	0.0012/0.0025	0.0792	2.2047/2.2054	0.7130	
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-478S									
Thrust Washer Set		TW-478S MB-3209W	STD	2.3327/2.3333			2.9531	0.0990	
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-1820AL									
6 CYL									
4	3564 CC (3.6L) DOHC 24V V6 N36A			3.700"/94.0mm x 3.370"/85.6mm					4
	VIN Code: '-' (2007-2009)								
Rod Bearing (6)	AL-5	CB-1877A	STD, .10, .20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300	
Rod Bearing (6)	AL-5	CB-1879A-10	.20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Main Bearing Set 1-2-4 3	AL-5	MS-2276A MB-3886A MB-3887A(F)	STD, .10, .20	2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776	
				2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563	

TOYOTA

ENGINE	YEAR	BORE & STROKE	BLOCK
1456 CC (1.5L) SOHC 12V L4 3E Carbureted	1990	2.874"/73.0mm X 3.425"/87.0mm	1
1456 CC (1.5L) SOHC 12V L4 3EE	1990-1994	2.874"/73.0mm X 3.425"/87.0mm	1
1497 CC (1.5L) DOHC 16V L4 5EFE	1992-1999	2.913"/74.0mm X 3.420"/87.0mm	1
1497 CC (1.5L) DOHC 16V L4 VVTi 1NZFE	2000-2010	2.950"/75.0mm X 3.330"/84.7mm	2
1497 CC (1.5L) DOHC 16V L4 1NZFXE Hybrid	2001-2009	2.950"/75.0mm X 3.330"/84.7mm	2
1587 CC (1.6L) DOHC 16V L4 4AFE	1990-1997	3.189"/81.0mm X 3.031"/77.0mm	3
1587 CC (1.6L) DOHC 16V L4 4AGE	1990-1991	3.189"/81.0mm X 3.031"/77.0mm	4
1762 CC (1.8L) DOHC 16V L4 7AFE	1993-1997	3.189"/81.0mm X 3.366"/85.5mm	5
1794 CC (1.8L) DOHC 16V L4 1ZZFE	1998-2007	3.110"/79.0mm X 3.600"/91.5mm	6
1998 CC (2.0L) DOHC 16V L4 3SFE	1990-1991, 1996-2000	3.390"/86.1mm X 3.386"/86.0mm	7
1998 CC (2.0L) DOHC 16V Turbo. L4 3SGTE	1990-1995	3.390"/86.1mm X 3.386"/86.0mm	8
2164 CC (2.2L) DOHC 16V L4 5SFE	1990-2001	3.425"/87.0mm X 3.583"/91.0mm	9
2237 CC (2.2L) 8V L4 4YEC	1990	3.583"/91.0mm X 3.386"/86.0mm	10
2362 CC (2.4L) DOHC 16V L4 2AZFE	2001-2009	3.484"/88.5mm X 3.780"/96.0mm	11
2366 CC (2.4L) SOHC 8V L4 22R Carbureted	1990	3.622"/92.0mm X 3.502"/89.0mm	12
2366 CC (2.4L) SOHC 8V L4 22RE	1990-1995	3.622"/92.0mm X 3.502"/89.0mm	12
2438 CC (2.4L) DOHC 16V L4 2RZFE	1995-2001	3.740"/95.0mm X 3.390"/86.0mm	13
2694 CC (2.7L) DOHC 16V L4 3RZFE	1994-2004	3.740"/95.0mm X 3.740"/95.0mm	14
2507 CC (2.5L) DOHC 24V V6 2VZFE	1990-1991	3.445"/87.5mm X 2.756"/70.0mm	15



ENGINE	YEAR	BORE & STROKE	BLOCK
2954 CC (3.0L) DOHC 24V L6 7MGE	1990-1992	3.268"/83.0mm X 3.583"/91.0mm	16
2954 CC (3.0L) DOHC 24V Turbo. L6 7MGTE	1990-1992	3.268"/83.0mm X 3.583"/91.0mm	16
2958 CC (3.0L) SOHC 12V V6 3VZE	1990-1995	3.445"/87.5mm X 3.228"/82.0mm	17
2959 CC (3.0L) DOHC 24V V6 3VZFE	1992-1993	3.445"/87.5mm X 3.228"/82.0mm	18
2995 CC (3.0L) DOHC 24V V6 1MZFE	1994-2002	3.445"/87.5mm X 3.268"/83.0mm	19
2997 CC (3.0L) DOHC 24V L6 2JZGE	1993-1998	3.386"/86.0mm X 3.386"/86.0mm	20
2997 CC (3.0L) DOHC 24V Turbo. L6 2JZGTE	1993-1998	3.386"/86.0mm X 3.386"/86.0mm	20
3378 CC (3.4L) DOHC 24V V6 5VZFE	1995-2002	3.681"/93.5mm X 3.228"/82.0mm	21
3956 CC (4.0L) 12V L6 3FE	1990-1992	3.701"/94.0mm X 3.740"/95.0mm	22
4476 CC (4.5L) DOHC 24V L6 1FZFE	1993-1997	3.937"/100.0mm X 3.740"/95.0mm	23
4663 CC (4.7L) DOHC 32V V8 2UZFE	1998-2009	3.701"/94.0mm X 3.307"/84.0mm	24

MODEL	ENGINE	YEAR	BLOCK
4Runner	2366 CC (2.4L) SOHC 8V L4 22RE	1990-1995	12
4Runner	2694 CC (2.7L) DOHC 16V L4 3RZFE	1996-2000	14
4Runner	2958 CC (3.0L) SOHC 12V V6 3VZE	1990-1995	17
4Runner	3378 CC (3.4L) DOHC 24V V6 5VZFE	1996-2002	21
4Runner	4663 CC (4.7L) DOHC 32V V8 2UZFE	2003-2009	24
Avalon	2995 CC (3.0L) DOHC 24V V6 1MZFE	1995-2002	19
Camry	1998 CC (2.0L) DOHC 16V L4 3SFE	1990-1991	7
Camry	2164 CC (2.2L) DOHC 16V L4 5SFE	1992-2001	9
Camry	2362 CC (2.4L) DOHC 16V L4 2AZFE	2001-2009	11
Camry	2507 CC (2.5L) DOHC 24V V6 2VZFE	1990-1991	15
Camry	2959 CC (3.0L) DOHC 24V V6 3VZFE	1992-1993	18
Camry	2995 CC (3.0L) DOHC 24V V6 1MZFE	1994-2002	19
Celica	1587 CC (1.6L) DOHC 16V L4 4AFE	1990-1993	3
Celica	1762 CC (1.8L) DOHC 16V L4 7AFE	1994-1997	5
Celica	1794 CC (1.8L) DOHC 16V L4 1ZZFE	2000-2005	6
Celica	1998 CC (2.0L) DOHC 16V Turbo. L4 3SGTE	1990-1993	8
Celica	2164 CC (2.2L) DOHC 16V L4 5SFE	1990-1999	9
Corolla	1587 CC (1.6L) DOHC 16V L4 4AFE	1990-1997	3
Corolla	1587 CC (1.6L) DOHC 16V L4 4AGE	1990-1991	4
Corolla	1762 CC (1.8L) DOHC 16V L4 7AFE	1993-1997	5
Corolla	1794 CC (1.8L) DOHC 16V L4 1ZZFE	1998-2007	6
Corolla	2362 CC (2.4L) DOHC 16V L4 2AZFE	2009	11
Cressida	2954 CC (3.0L) DOHC 24V L6 7MGE	1990-1992	16
Echo	1497 CC (1.5L) DOHC 16V L4 VVTi 1NZFE	2000-2005	2
Highlander	2362 CC (2.4L) DOHC 16V L4 2AZFE	2001-2007	11
Highlander	2995 CC (3.0L) DOHC 24V V6 1MZFE	2001-2002	19
Land Cruiser	3956 CC (4.0L) 12V L6 3FE	1990-1992	22
Land Cruiser	4476 CC (4.5L) DOHC 24V L6 1FZFE	1993-1997	23
Land Cruiser	4663 CC (4.7L) DOHC 32V V8 2UZFE	1998-2007	24
Matrix	1794 CC (1.8L) DOHC 16V L4 1ZZFE	2003-2007	6
Matrix	2362 CC (2.4L) DOHC 16V L4 2AZFE	2009	11
MR2	1998 CC (2.0L) DOHC 16V Turbo. L4 3SGTE	1990-1995	8
MR2	2164 CC (2.2L) DOHC 16V L4 5SFE	1990-1995	9
MR2 Spyder	1794 CC (1.8L) DOHC 16V L4 1ZZFE	2000-2005	6
Paseo	1497 CC (1.5L) DOHC 16V L4 5EFE	1992-1999	1
Pickup	2366 CC (2.4L) SOHC 8V L4 22R Carbureted	1990	12
Pickup	2366 CC (2.4L) SOHC 8V L4 22RE	1990-1995	12
Pickup	2958 CC (3.0L) SOHC 12V V6 3VZE	1990-1995	17
Prius	1497 CC (1.5L) DOHC 16V L4 1NZFXE Hybrid	2001-2009	2



MODEL	ENGINE	YEAR	BLOCK
RAV4	1998 CC (2.0L) DOHC 16V L4 3SFE	1996-2000	7
RAV4	2362 CC (2.4L) DOHC 16V L4 2AZFE	2004-2008	11
Sequoia	4663 CC (4.7L) DOHC 32V V8 2UZFE	2001-2009	24
Sienna	2995 CC (3.0L) DOHC 24V V6 1MZFE	1998-2002	19
Solara	2164 CC (2.2L) DOHC 16V L4 5SFE	1999-2001	9
Solara	2362 CC (2.4L) DOHC 16V L4 2AZFE	2002-2008	11
Solara	2995 CC (3.0L) DOHC 24V V6 1MZFE	1999-2002	19
Supra	2954 CC (3.0L) DOHC 24V L6 7MGE	1990-1992	16
Supra	2954 CC (3.0L) DOHC 24V Turbo. L6 7MGTE	1990-1992	16
Supra	2997 CC (3.0L) DOHC 24V L6 2JZGE	1993-1998	20
Supra	2997 CC (3.0L) DOHC 24V Turbo. L6 2JZGTE	1993-1998	20
T100	2694 CC (2.7L) DOHC 16V L4 3RZFE	1994-1998	14
T100	2958 CC (3.0L) SOHC 12V V6 3VZE	1993-1994	17
T100	3378 CC (3.4L) DOHC 24V V6 5VZFE	1995-1998	21
Tacoma	2438 CC (2.4L) DOHC 16V L4 2RZFE	1995-2001	13
Tacoma	2694 CC (2.7L) DOHC 16V L4 3RZFE	1995-2004	14
Tacoma	3378 CC (3.4L) DOHC 24V V6 5VZFE	1995-2002	21
Tercel	1456 CC (1.5L) SOHC 12V L4 3E Carbureted	1990	1
Tercel	1456 CC (1.5L) SOHC 12V L4 3EE	1990-1994	1
Tercel	1497 CC (1.5L) DOHC 16V L4 5EFE	1995-1999	1
Tundra	3378 CC (3.4L) DOHC 24V V6 5VZFE	2000-2002	21
Tundra	4663 CC (4.7L) DOHC 32V V8 2UZFE	2000-2009	24
Van	2237 CC (2.2L) 8V L4 4YEC	1990	10
Yaris	1497 CC (1.5L) DOHC 16V L4 VVTi 1NZFE	2006-2010	2

CRANKSHAFT FORGING NUMBERS

FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK	FORGING NO	STROKE	BLOCK
11M	3.583in/91.0mm	9	3E	3.425in/87.0mm	1	4ZE1	3.502in/89.0mm	12
11M-14	3.583in/91.0mm	9	3E	3.386in/86.0mm	7	5 E	3.502in/89.0mm	12
13111-03010-D	3.583in/91.0mm	9	3H	3.420in/87.0mm	1	508E-6303	3.502in/89.0mm	12
140N	3.583in/91.0mm	9	3H	3.425in/87.0mm	1	565524DYNA	3.502in/89.0mm	12
176H	3.583in/91.0mm	9	3H	3.386in/86.0mm	7	59-PK	3.031in/77.0mm	3
17M	3.583in/91.0mm	9	3KC	3.420in/87.0mm	1	5A	3.031in/77.0mm	3
1802224C92	3.583in/91.0mm	9	3KC	3.425in/87.0mm	1	5AK	3.031in/77.0mm	3
1802224C93	3.583in/91.0mm	9	3KC	3.386in/86.0mm	7	5G9-37	3.031in/77.0mm	3
1803420C1	3.583in/91.0mm	9	3SF	3.420in/87.0mm	1	6-H	3.583in/91.0mm	16
1805420C1	3.583in/91.0mm	9	3SF	3.425in/87.0mm	1	6M	3.583in/91.0mm	16
3A	3.420in/87.0mm	1	3SF	3.386in/86.0mm	7	7243N	3.583in/91.0mm	16
3A	3.425in/87.0mm	1	3YA	3.031in/77.0mm	3	74TM	3.583in/91.0mm	16
3A	3.386in/86.0mm	7	407N	3.031in/77.0mm	3	76TM	3.583in/91.0mm	16
3AC	3.420in/87.0mm	1	40F	3.031in/77.0mm	3	77A	3.583in/91.0mm	16
3AC	3.425in/87.0mm	1	4196N	3.031in/77.0mm	3	78TM	3.583in/91.0mm	16
3AC	3.386in/86.0mm	7	45-T	3.031in/77.0mm	3	78TM-CA	3.583in/91.0mm	16
3AH	3.420in/87.0mm	1	4A	3.031in/77.0mm	3	7HA	3.583in/91.0mm	16
3AH	3.425in/87.0mm	1	4AC	3.031in/77.0mm	3	7HA-6303	3.583in/91.0mm	16
3AH	3.386in/86.0mm	7	4AL	3.031in/77.0mm	3	81-K	3.583in/91.0mm	16
3B	3.420in/87.0mm	1	4XC-U	3.502in/89.0mm	12	B7	3.268in/83.0mm	19
3B	3.425in/87.0mm	1	4XC-UT	3.502in/89.0mm	12	L1	3.502in/89.0mm	12
3B	3.386in/86.0mm	7	4XCU	3.502in/89.0mm	12	N	3.502in/89.0mm	12
3E	3.420in/87.0mm	1	4XCUT	3.502in/89.0mm	12	S2	3.502in/89.0mm	12



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1456 CC (1.5L) SOHC 12V L4 3E Carbureted VIN Code: 'E' (1990)			2.874"/73.0mm x 3.425"/87.0mm				1
	1456 CC (1.5L) SOHC 12V L4 3EE VIN Code: 'E' (1990-1994)			2.874"/73.0mm x 3.425"/87.0mm				
	1497 CC (1.5L) DOHC 16V L4 5EFE VIN Codes: 'C' (1996-1999), 'E' (1992-1995)			2.913"/74.0mm x 3.420"/87.0mm				
Rod Bearing (4)	AL-3	CB-1593AL	STD,.25mm,.50mm	1.6923/1.6929	0.0006/0.0032	0.0587	1.8110/1.8118	0.5910
Main Bearing Set 1-2-3-4-5	AL-3	MS-1953AL MB-3348AL	STD,.25mm,.50mm	1.9681/1.9685	0.0009/0.0031	0.0787	2.1267/2.1274	0.6300
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-553S								
Thrust Washer Set		TW-553S MB-3348W	STD	2.1752			2.6772	0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1953AL								
Crankshaft Forging 3A, 3AC, 3AH, 3B, 3E, 3H, 3KC, 3SF								
2	1497 CC (1.5L) DOHC 16V L4 VVTi 1NZFE VIN Code: '-' (2000-2010)			2.950"/75.0mm x 3.330"/84.7mm				2
	1497 CC (1.5L) DOHC 16V L4 1NZFXE Hybrid VIN Code: '-' (2001-2009)			2.950"/75.0mm x 3.330"/84.7mm				
Rod Bearing (4)	AL-3	CB-1864AL	STD,.25mm,.50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Main Bearing Set 1-2-3-4-5	AL-3	MS-2268AL MB-3898AL	STD,.25mm,.50mm	1.8110/1.8115	0.0003/0.0024	0.0785	1.9685/1.9691	0.6339
For Year(s): 2000-2007 NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-684S								
Thrust Washer Set		TW-684S MB-3904W	STD	2.1161			2.7461	0.0976
For Year(s): 2000-2007 NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2268AL								
3	1587 CC (1.6L) DOHC 16V L4 4AFE VIN Code: 'A' (1990-1997)			3.189"/81.0mm x 3.031"/77.0mm				3
Rod Bearing (4)	TM-1	CB-1361P	STD,.25mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: 2.95mm Wide Notch Bearings								
Main Bearing Set 1-2-3-4-5	AL-3	MS-2211AL MB-3764AL	STD,.25mm,.50mm,.75mm	1.8892/1.8898	0.0007/0.0033	0.0789	2.0480/2.0492	0.7874
NOTE: Contains Partial Grooved Main Bearings Requires Thrust Washer Set, Not Included Use with Part Number TW-401S								
Thrust Washer Set		TW-401S MB-2965W(L) MB-2965W(U)	STD	2.1102/2.1220 2.1102/2.1220			2.5827/2.5945 2.5827/2.5945	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2211AL								
Crankshaft Forging 3YA, 407N, 40F, 4196N, 45-T, 4A, 4AC, 4AL, 59-PK, 5A, 5AK, 5G9-37								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
4	1587 CC (1.6L) DOHC 16V L4 4AGE			3.189"/81.0mm x 3.031"/77.0mm				4
VIN Code: 'A' (1990-1991)								
Rod Bearing (4)	TM-1	CB-1474P	STD,.25mm,.50mm	1.6529/1.6535	0.0008/0.0032	0.0587	1.7717/1.7726	0.6690
Main Bearing Set 1-2-3-4-5	AL-3	MS-2211AL MB-3764AL	STD,.25mm,.50mm,.75mm	1.8892/1.8898	0.0007/0.0033	0.0789	2.0480/2.0492	0.7874
NOTE: Contains Partial Grooved Main Bearings Requires Thrust Washer Set, Not Included Use with Part Number TW-401S								
Thrust Washer Set		TW-401S MB-2965W(L) MB-2965W(U)	STD	2.1102/2.1220 2.1102/2.1220			2.5827/2.5945 2.5827/2.5945	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2211AL								
5	1762 CC (1.8L) DOHC 16V L4 7AFE			3.189"/81.0mm x 3.366"/85.5mm				5
VIN Codes: 'A' (1993-1995), 'B' (1996-1997)								
Rod Bearing (4)	AL-3	CB-1786AL	STD,.25mm,.50mm	1.8892/1.8898	0.0008/0.0026	0.0587	2.0075/2.0079	0.6693
Main Bearing Set 1-2-3-4-5	AL-3	MS-2211AL MB-3764AL	STD,.25mm,.50mm,.75mm	1.8892/1.8898	0.0007/0.0033	0.0789	2.0480/2.0492	0.7874
NOTE: Contains Partial Grooved Main Bearings Requires Thrust Washer Set, Not Included Use with Part Number TW-401S								
Thrust Washer Set		TW-401S MB-2965W(L) MB-2965W(U)	STD	2.1102/2.1220 2.1102/2.1220			2.5827/2.5945 2.5827/2.5945	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2211AL								
6	1794 CC (1.8L) DOHC 16V L4 1ZZFE			3.110"/79.0mm x 3.600"/91.5mm				6
VIN Code: 'R' (1998-2007)								
Rod Bearing (4)	AL-3	CB-1863AL	STD,.25mm,.50mm	1.7320/1.7323	0.0012/0.0034	0.0587	1.8504/1.8513	0.6142
Main Bearing Set 1-2-3-4-5	AL-3	MS-2267AL MB-3897AL	STD,.25mm,.50mm	1.8892/1.8898	0.0005/0.0028	0.0786	2.0472/2.0479	0.6693
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-683S								
Thrust Washer Set		TW-683S MB-3903W	STD	2.0965			2.7461	0.0976
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2267AL								
7	1998 CC (2.0L) DOHC 16V L4 3SFE			3.390"/86.1mm x 3.386"/86.0mm				7
VIN Codes: 'P' (1996-2000), 'S' (1990-1991)								
Rod Bearing (4)	AL-3	CB-1406AL	STD,.25mm,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586	2.0079/2.0088	0.8070
Main Bearing Set 1-2-4-5 3	AL-3	MS-1714AL MB-3200AL MB-3201AL	STD,.25mm,.50mm	2.1649/2.1655 2.1649/2.1655	0.0008/0.0035 0.0008/0.0035	0.0787	2.3236/2.3243 2.3236/2.3243	0.7480 0.9060
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-592S								
Thrust Washer Set		TW-592S MB-3201W(L) MB-3201W(U)	STD	2.5197 2.5197			2.9921 2.9921	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1714AL								
Piston Pin Bushing (4) For Year(s): 1990-1991	B	223-3653	STD	1.8661		0.0407	0.9449	1.0433
Crankshaft Forging	3A, 3AC, 3AH, 3B, 3E, 3H, 3KC, 3SF							



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
8	1998 CC (2.0L) DOHC 16V Turbo. L4 3SGTE			3.390"/86.1mm x 3.386"/86.0mm				8
VIN Code: 'S' (1990-1995)								
Rod Bearing (4)	AL-3	CB-1406AL	STD,.25mm,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586	2.0079/2.0088	0.8070
Rod Bearing (4)	TM-1	CB-1439P	STD,.25mm,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586	2.0079/2.0088	0.8390
Main Bearing Set 1-2-4-5 3	AL-3	MS-1714AL MB-3200AL MB-3201AL	STD,.25mm,.50mm	2.1649/2.1655 2.1649/2.1655	0.0008/0.0035 0.0008/0.0035	0.0787	2.3236/2.3243 2.3236/2.3243	0.7480 0.9060
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-592S								
Thrust Washer Set		TW-592S MB-3201W(L) MB-3201W(U)	STD	2.5197 2.5197			2.9921 2.9921	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1714AL								
9	2164 CC (2.2L) DOHC 16V L4 5SFE			3.425"/87.0mm x 3.583"/91.0mm				9
VIN Codes: 'G' (1996-2001), 'S' (1990-1995)								
Rod Bearing (4)	TM-1	CB-1639P	STD,.25mm,.50mm	2.0468/2.0472	0.0009/0.0030		2.1659/2.1667	
Main Bearing Set 1-2-4-5 3	AL-3	MS-1714AL MB-3200AL MB-3201AL	STD,.25mm,.50mm	2.1649/2.1655 2.1649/2.1655	0.0008/0.0035 0.0008/0.0035	0.0787	2.3236/2.3243 2.3236/2.3243	0.7480 0.9060
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-592S								
Thrust Washer Set		TW-592S MB-3201W(L) MB-3201W(U)	STD	2.5197 2.5197			2.9921 2.9921	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1714AL								
Piston Pin Bushing (4)	B	223-3653	STD	1.8661		0.0407	0.9449	1.0433
Crankshaft Forging 11M, 11M-14, 13111-03010-D, 140N, 176H, 17M, 1802224C92, 1802224C93, 1803420C1, 1805420C1								
10	2237 CC (2.2L) 8V L4 4YEC			3.583"/91.0mm x 3.386"/86.0mm				10
VIN Code: 'Y' (1990)								
Rod Bearing (4)	AL-3	CB-1407AL	STD,.25mm,.50mm,.75mm	1.8892/1.8898	0.0008/0.0026	0.0587	2.0080/2.0087	0.7830
Main Bearing Set 1-2-3-4-5	AL-3	MS-1715AL MB-3207AL	STD,.25mm,.50mm	2.2829/2.2835	0.0008/0.0026	0.0783	2.4411/2.4417	0.8150
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-592S								
Thrust Washer Set		TW-592S MB-3201W(L) MB-3201W(U)	STD	2.5197 2.5197			2.9921 2.9921	0.0980 0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1715AL								
Cam Bearing Set 1 2 3 4 5	B-1	SH-1396S SH-1396 SH-1397 SH-1398 SH-1399 SH-1400	STD	1.8291/1.8297 1.8193/1.8199 1.8094/1.8100 1.7996/1.8002 1.7897/1.7904	0.0010/0.0032 0.0010/0.0032 0.0010/0.0032 0.0010/0.0032 0.0010/0.0032	0.0689	1.9685/1.9697 1.9587/1.9598 1.9291/1.9303 1.9390/1.9402 1.9488/1.9500	0.7090 0.6300 0.7090 0.6300 0.7090



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
11	2362 CC (2.4L) DOHC 16V L4 2AZFE VIN Code: '-' (2001-2009)			3.484"/88.5mm x 3.780"/96.0mm				11
Rod Bearing (4)	AL-3	CB-1835AL	STD,.25mm,.50mm	1.8894/1.8898	0.0010	0.0588	2.0079/2.0087	0.6140
Main Bearing Set 1-5	AL-3	MS-2243AL MB-3819ALU	STD,.25mm,.50mm	2.1648/2.1654	0.0005	0.0786	2.3228/2.3235	0.6690
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-619S								
Thrust Washer Set		TW-619S MB-3821W	STD	2.3819/2.3917			3.0610/3.0709	0.0780
NOTE: Contains 2 Pieces, Position Number 3 Use with Part Number MS-2243AL								
12	2366 CC (2.4L) SOHC 8V L4 22R Carbureted VIN Code: 'R' (1990)			3.622"/92.0mm x 3.502"/89.0mm				12
	2366 CC (2.4L) SOHC 8V L4 22RE VIN Code: 'R' (1990-1995)			3.622"/92.0mm x 3.502"/89.0mm				
Rod Bearing (4)	TM-1	CB-1218P	STD,.25mm,.50mm,.75mm 1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Main Bearing Set 1-2-3-4-5	TM-1	MS-1590P MB-2925P	STD,.25mm,.50mm,.75mm†	2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-463S								
Thrust Washer Set		TW-463S MB2925W(L) MB-2925W(U)	STD	2.6083 2.6083			3.1260/3.1460	0.1080 0.1080
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1590P								
Piston Pin Bushing (4)	B	223-3612	STD			0.0602	1.1820	1.2200
Crankshaft Forging 4XC-U, 4XC-UT, 4XC-U, 4XCUT, 4ZE1, 5 E, 508E-6303, 565524DYNA, L1, N, S2								
13	2438 CC (2.4L) DOHC 16V L4 2RZFE VIN Codes: 'L' (1996-2001), 'U' (1995)			3.740"/95.0mm x 3.390"/86.0mm				13
Rod Bearing (4)	AL-3	CB-1781AL	STD,.25mm,.50mm	2.0861/2.0866	0.0006/0.0027	0.0590	2.2047/2.2055	0.7795
Main Bearing Set 1-5	AL-3	MS-2212AL MB-3765AL	STD,.25mm,.50mm	2.3617/2.3622	0.0006/0.0027	0.0786	2.5197/2.5205	0.9843
2-4		MB-3766AL		2.3617/2.3622	0.0006/0.0027	0.0786	2.5197/2.5205	0.9055
3		MB-3770AL		2.3615/2.3620	0.0008/0.0029	0.0786	2.5197/2.5205	0.9055
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-604S								
Thrust Washer Set		TW-604S MB-3762W	STD	2.5591/2.5689			3.5335/3.5433	0.0978
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2212AL								
14	2694 CC (2.7L) DOHC 16V L4 3RZFE VIN Codes: 'M' (1996-2004), 'U' (1994-1995)			3.740"/95.0mm x 3.740"/95.0mm				14
Rod Bearing	AL-3	CB-1781AL	STD,.25mm,.50mm	2.0861/2.0866	0.0006/0.0027	0.0590	2.2047/2.2055	0.7795
Main Bearing Set 1-5	AL-3	MS-2212AL MB-3765AL	STD,.25mm,.50mm	2.3617/2.3622	0.0006/0.0027	0.0786	2.5197/2.5205	0.9843
2-4		MB-3766AL		2.3617/2.3622	0.0006/0.0027	0.0786	2.5197/2.5205	0.9055
3		MB-3770AL		2.3615/2.3620	0.0008/0.0029	0.0786	2.5197/2.5205	0.9055
For Year(s): 1994-2001								
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-604S								

• - New number, ‡ - To be discontinued



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
14	2694 CC (2.7L) DOHC 16V L4 3RZFE			3.740"/95.0mm x 3.740"/95.0mm				14
(cont.)	VIN Codes: 'M' (1996-2004), 'U' (1994-1995)							(cont.)
Thrust Washer Set		TW-604S	STD					
		MB-3762W		2.5591/2.5689			3.5335/3.5433	0.0978
For Year(s): 1994-2001 NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2212AL								
6 CYL								
15	2507 CC (2.5L) DOHC 24V V6 2VZFE			3.445"/87.5mm x 2.756"/70.0mm				15
	VIN Code: 'V' (1990-1991)							
Rod Bearing (6)	TM-1	CB-1594P	STD,.25mm,.50mm	1.8892/1.8898	0.0009/0.0034	0.0586	2.0079/2.0088	0.6690
Main Bearing Set	TM-1	MS-1954P	STD,.25mm,.50mm					
1		MB-3349P		2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.8660
2-3-4		MB-3350P		2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-554S								
Thrust Washer Set		TW-554S	STD					
		MB-3350W		2.8051			3.4055	0.0980
NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-1954P								
16	2954 CC (3.0L) DOHC 24V L6 7MGE			3.268"/83.0mm x 3.583"/91.0mm				16
	VIN Code: 'M' (1990-1992)							
	2954 CC (3.0L) DOHC 24V Turbo. L6 7MGTE			3.268"/83.0mm x 3.583"/91.0mm				
	VIN Code: 'M' (1990-1992)							
Rod Bearing (6)	TM-1	CB-1437P	STD,.25mm,.50mm,.75mm 1.00mm	2.0463/2.0472	0.0008/0.0035	0.0590	2.1659/2.1671	0.7870
Main Bearing Set	TM-1	MS-1774P	STD,.25mm,.50mm					
1		MB-3198P		2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.9840
2-3-4-5-6-7		MB-3199P		2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.8660
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-228S								
Thrust Washer Set		TW-228S	STD					
		MB-627W(L)		2.6060/2.6180			3.1340/3.1360	0.1160
		MB-627W(U)		2.6060/2.6180			3.1340/3.1360	0.1160
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-1774P								
Piston Pin Bushing (6)	B	223-3611	STD			0.0407	0.9450	0.9760
Crankshaft Forging 6-H, 6M, 7243N, 74TM, 76TM, 77A, 78TM, 78TM-CA, 7HA, 7HA-6303, 81-K								
17	2958 CC (3.0L) SOHC 12V V6 3VZE			3.445"/87.5mm x 3.228"/82.0mm				17
	VIN Code: 'V' (1990-1995)							
Rod Bearing (6)	TM-1	CB-1625P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0024	0.0586	2.2835/2.2844	0.6620
Main Bearing Set	TM-1	MS-2011P	STD,.25mm,.50mm					
1		MB-3472P		2.5191/2.5197	0.0009/0.0017	0.0785	2.6776/2.6783	0.8660
2-3-4		MB-3350P		2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-554S								
Thrust Washer Set		TW-554S	STD					
		MB-3350W		2.8051			3.4055	0.0980
NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-2011P								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
18	2959 CC (3.0L) DOHC 24V V6 3VZFE VIN Code: 'V' (1992-1993)			3.445"/87.5mm x 3.228"/82.0mm				18
Rod Bearing (6)	TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Main Bearing Set 1 2-3-4	TM-1	MS-1954P MB-3349P MB-3350P	STD,.25mm,.50mm	2.5193/2.5197 2.5193/2.5197	0.0010/0.0033 0.0010/0.0033	0.0784	2.6775/2.6783 2.6775/2.6783	0.8660 0.7874
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-554S								
Thrust Washer Set		TW-554S MB-3350W	STD	2.8051			3.4055	0.0980
NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-1954P								
19	2995 CC (3.0L) DOHC 24V V6 1MZFE VIN Codes: 'F' (1996-2002), 'G' (1994-1995)			3.445"/87.5mm x 3.268"/83.0mm				19
Rod Bearing (6)	TM-1	CB-1833P	STD,.25mm,.50mm	2.0863/2.0866	0.0013/0.0031	0.0584	2.2047/2.2055	0.6300
Main Bearing Set 1-4 2-3	TM-1	MS-2240P MB-3815P MB-3814P	STD,.25mm,.50mm	2.4011/2.4016 2.4011/2.4016	0.0011/0.0031 0.0011/0.0031	0.0979	2.5984/2.5992 2.5984/2.5992	0.8860 0.7480
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-618S								
Thrust Washer Set		TW-618S MB-3816W	STD	2.6850/2.6949			3.2953/3.3051	0.0780
NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-2240P								
Crankshaft Forging B7								
20	2997 CC (3.0L) DOHC 24V L6 2JZGE VIN Codes: 'D' (1996-1998), 'J' (1993-1995)			3.386"/86.0mm x 3.386"/86.0mm				20
2997 CC (3.0L) DOHC 24V Turbo. L6 2JZGTE VIN Codes: 'E' (1996-1998), 'J' (1993-1995)								
Rod Bearing (6)	TM-1	CB-1628P	STD,.25mm	2.0465/2.0472	0.0014/0.0021	0.0595	2.1663/2.1670	0.7600
Main Bearing Set 1 2-3-4-5-6-7	AL-3	MS-2014AL MB-3477AL MB-3550AL	STD,.25mm	2.4403/2.4410 2.4403/2.4410	0.0010/0.0018 0.0010/0.0018	0.0791	2.5992/2.5998 2.5992/2.5998	0.9060 0.7880
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-589S								
Thrust Washer Set		TW-589S MB-3477W(L) MB-3477W(U)	STD	2.6535 2.6535			3.2244 3.2244	0.0776 0.0776
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2014AL								
21	3378 CC (3.4L) DOHC 24V V6 5VZFE VIN Codes: 'N' (1996-2002), 'V' (1995)			3.681"/93.5mm x 3.228"/82.0mm				21
Rod Bearing (6)	TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Main Bearing Set 1 2-3-4	TM-1	MS-2241P MB-3817P MB-3818P	STD,.25mm,.50mm	2.5191/2.5197 2.5191/2.5197	0.0012/0.0035 0.0012/0.0035	0.0783	2.6776/2.6783 2.6776/2.6783	0.8660 0.7870
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-554S								
Thrust Washer Set		TW-554S MB-3350W	STD	2.8051			3.4055	0.0980
NOTE: Contains 4 Pieces, Position Number 2 Use with Part Number MS-2241P								



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
22	3956 CC (4.0L) 12V L6 3FE VIN Code: 'F' (1990-1992)			3.701"/94.0mm x 3.740"/95.0mm				22
Rod Bearing (6)	AL-3	CB-1440P	STD,.25mm,.50mm,.75mm	2.0861/2.0866	0.0008/0.0028	0.0593	2.2046/2.2054	0.8660
Main Bearing Set	TM-1	MS-1777P	STD,.25mm,.50mm					
1		MB-2747G		2.6369/2.6378	0.0009/0.0044	0.0983	2.8350/2.8360	1.2600
2		MB-2748G		2.6359/2.6968	0.0009/0.0044	0.0983	2.8941/2.8951	1.1810
3		MB-3195P		2.7557/2.7565	0.0009/0.0040	0.0983	2.9533/2.9541	1.1030
4		MB-3196P		2.8148/2.8156	0.0009/0.0040	0.0983	3.0124/3.0131	1.5750
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-462S								
Thrust Washer Set		TW-462S	STD					
		MB-3195W(L)		3.0807			3.5827	0.0980
		MB-3195W(U)		3.0807			3.5827	0.0980
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-1777P								
Cam Bearing Set	B-1	SH-1060S	STD					
1		SH-1060		1.8880/1.8888	0.0007/0.0048	0.0791	2.0472/2.0486	1.1420
2		SH-1061		1.8289/1.8297	0.0007/0.0048	0.0791	1.9882/1.9894	0.9450
3		SH-1062		1.7699/1.7707	0.0007/0.0048	0.0791	1.9291/1.9303	0.9450
4		SH-1063		1.7108/1.7116	0.0007/0.0048	0.0791	1.8701/1.8713	0.9850
23	4476 CC (4.5L) DOHC 24V L6 1FZFE VIN Codes: 'D' (1993-1995), 'J' (1996-1997)			3.937"/100.0mm x 3.740"/95.0mm				23
Rod Bearing (6)	TM-1	CB-1656AL	STD,.25mm,.50mm,.75mm	2.2434/2.2441	0.0013/0.0024	0.0687	2.3829/2.3836	0.8430
Main Bearing Set	TM-1	MS-2061AL	STD,.25mm,.50mm,.75mm					
1-2-3-4-5-6-7		MB-3551AL		2.7158/2.7165	0.0015/0.0028	0.0981	2.9144/2.9151	0.9210
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-598S								
Thrust Washer Set		TW-598S	STD					
		MB-3551W(L)		2.9587			3.6969	0.0974
		MB-3551W(U)		2.9587			3.6969	0.0974
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-2061AL								
8 CYL								
24	4663 CC (4.7L) DOHC 32V V8 2UZFE VIN Code: 'T' (1998-2009)			3.701"/94.0mm x 3.307"/84.0mm				24
Thrust Washer Set		TW-588S	STD					
		MB-3476W(L)		2.8901			3.5162	0.8460
		MB-3476W(U)		2.8901			3.5162	0.8460
NOTE: Contains 4 Pieces, Position Number 3								

VOLKSWAGEN

ENGINE	YEAR	BORE & STROKE	BLOCK
1588 CC (1.6L) SOHC 8V L4 1V DIESEL	1990-1992	3.012"/76.5mm X 3.385"/86.0mm	1
1588 CC (1.6L) SOHC 8V L4 ME DIESEL	1990-1992	3.012"/76.5mm X 3.385"/86.0mm	1
1780 CC (1.8L) SOHC 8V L4 2H	1990-1993	3.189"/81.0mm X 3.386"/86.0mm	1
1780 CC (1.8L) SOHC 8V L4 ABG	1991-1993	3.189"/81.0mm X 3.386"/86.0mm	1
1780 CC (1.8L) SOHC 8V L4 JN	1990	3.189"/81.0mm X 3.386"/86.0mm	1
1780 CC (1.8L) SOHC 8V L4 PF	1990-1992	3.189"/81.0mm X 3.386"/86.0mm	1
1780 CC (1.8L) SOHC 8V L4 RV	1990-1992	3.189"/81.0mm X 3.386"/86.0mm	1



ENGINE	YEAR	BORE & STROKE	BLOCK
1781 CC (1.8L) SOHC 8V SC L4 PG	1990-1992	3.189"/81.0mm X 3.402"/86.4mm	1
1781 CC (1.8L) DOHC 20V Turbo. L4 AEB	1998-2000	3.189"/81.0mm X 3.402"/86.4mm	2
1781 CC (1.8L) DOHC 20V Turbo. L4 AUG	2000-2001	3.189"/81.0mm X 3.402"/86.4mm	2
1781 CC (1.8L) DOHC 20V Turbo. L4 AWM	2001-2005	3.189"/81.0mm X 3.402"/86.4mm	2
1896 CC (1.9L) SOHC 8V Turbo. L4 1Z DIESEL	1994-1997	3.130"/79.5mm X 3.759"/95.5mm	3
1896 CC (1.9L) SOHC 8V Turbo. L4 AAZ DIESEL	1993-1998	3.130"/79.5mm X 3.759"/95.5mm	3
1896 CC (1.9L) SOHC 8V Turbo. L4 AHH DIESEL	1998	3.130"/79.5mm X 3.759"/95.5mm	3
1896 CC (1.9L) SOHC 8V Turbo. L4 AHU DIESEL	1996-2000	3.130"/79.5mm X 3.759"/95.5mm	3
1896 CC (1.9L) SOHC 8V Turbo. L4 ALH DIESEL	1998-2006	3.130"/79.5mm X 3.759"/95.5mm	3
1896 CC (1.9L) SOHC 8V Turbo. L4 BEW DIESEL	2004-2006	3.130"/79.5mm X 3.759"/95.5mm	4
1896 CC (1.9L) SOHC 8V Turbo. L4 BRM DIESEL	2004-2006	3.130"/79.5mm X 3.759"/95.5mm	4
1984 CC (2.0L) SOHC 8V L4 ABA	1993-2002	3.248"/82.5mm X 3.650"/92.7mm	1
1984 CC (2.0L) SOHC 8V L4 AEG	1998-2001	3.248"/82.5mm X 3.650"/92.7mm	1
1984 CC (2.0L) DOHC 16V L4 9A	1990-1994	3.248"/82.5mm X 3.650"/92.7mm	1
2771 CC (2.8L) DOHC 30V V6 VR6 AHA	1998-1999	3.248"/82.5mm X 3.400"/86.4mm	5
2792 CC (2.8L) SOHC 12V V6 VR6 AAA	1992-1998	3.189"/81.0mm X 3.555"/90.3mm	6
2792 CC (2.8L) SOHC 12V V6 VR6 AFP	1999-2002	3.189"/81.0mm X 3.555"/90.3mm	6
3952 CC (4.0L) SOHC 24V V6 Chrysler	2009	3.780"/96.0mm X 3.583"/91.0mm	7

MODEL	ENGINE	YEAR	BLOCK
Beetle	1896 CC (1.9L) SOHC 8V Turbo. L4 ALH DIESEL	1998-2004	3
Beetle	1896 CC (1.9L) SOHC 8V Turbo. L4 BEW DIESEL	2004-2006	4
Beetle	1984 CC (2.0L) SOHC 8V L4 AEG	1998-2001	1
Cabrio	1984 CC (2.0L) SOHC 8V L4 ABA	1995-2002	1
Cabriolet	1780 CC (1.8L) SOHC 8V L4 2H	1990-1993	1
Corrado	1781 CC (1.8L) SOHC 8V SC L4 PG	1990-1992	1
Corrado	2792 CC (2.8L) SOHC 12V V6 VR6 AAA	1992-1995	6
Fox	1780 CC (1.8L) SOHC 8V L4 ABG	1991-1993	1
Fox	1780 CC (1.8L) SOHC 8V L4 JN	1990	1
Golf	1588 CC (1.6L) SOHC 8V L4 ME DIESEL	1990-1992	1
Golf	1780 CC (1.8L) SOHC 8V L4 PF	1990-1992	1
Golf	1780 CC (1.8L) SOHC 8V L4 RV	1990-1992	1
Golf	1896 CC (1.9L) SOHC 8V Turbo. L4 1Z DIESEL	1994-1997	3
Golf	1896 CC (1.9L) SOHC 8V Turbo. L4 AAZ DIESEL	1993-1998	3
Golf	1896 CC (1.9L) SOHC 8V Turbo. L4 AHU DIESEL	1997-2000	3
Golf	1896 CC (1.9L) SOHC 8V Turbo. L4 ALH DIESEL	1999-2006	3
Golf	1984 CC (2.0L) SOHC 8V L4 ABA	1993-1999	1
Golf	1984 CC (2.0L) DOHC 16V L4 9A	1990-1992	1
Golf	2792 CC (2.8L) SOHC 12V V6 VR6 AAA	1995-1998	6
Golf	2792 CC (2.8L) SOHC 12V V6 VR6 AFP	2001-2002	6
Jetta	1588 CC (1.6L) SOHC 8V L4 1V DIESEL	1990-1992	1
Jetta	1588 CC (1.6L) SOHC 8V L4 ME DIESEL	1990-1992	1
Jetta	1780 CC (1.8L) SOHC 8V L4 PF	1990-1992	1
Jetta	1780 CC (1.8L) SOHC 8V L4 RV	1990-1992	1
Jetta	1896 CC (1.9L) SOHC 8V Turbo. L4 AAZ DIESEL	1993-1997	3
Jetta	1896 CC (1.9L) SOHC 8V Turbo. L4 AHU DIESEL	1996-1998	3
Jetta	1896 CC (1.9L) SOHC 8V Turbo. L4 ALH DIESEL	1999-2004	3
Jetta	1896 CC (1.9L) SOHC 8V Turbo. L4 BEW DIESEL	2004-2005	4
Jetta	1896 CC (1.9L) SOHC 8V Turbo. L4 BRM DIESEL	2004-2006	4
Jetta	1984 CC (2.0L) SOHC 8V L4 ABA	1993-1999	1
Jetta	1984 CC (2.0L) SOHC 8V L4 AEG	1999-2001	1
Jetta	1984 CC (2.0L) DOHC 16V L4 9A	1990-1992	1

MODEL	ENGINE	YEAR	BLOCK
Jetta	2792 CC (2.8L) SOHC 12V V6 VR6 AAA	1994-1998	6
Jetta	2792 CC (2.8L) SOHC 12V V6 VR6 AFP	1999-2002	6
Passat	1781 CC (1.8L) SOHC 8V SC L4 PG	1991-1992	1
Passat	1781 CC (1.8L) DOHC 20V Turbo. L4 AEB	1998-2000	2
Passat	1781 CC (1.8L) DOHC 20V Turbo. L4 AUG	2000-2001	2
Passat	1781 CC (1.8L) DOHC 20V Turbo. L4 AWM	2001-2005	2
Passat	1896 CC (1.9L) SOHC 8V Turbo. L4 1Z DIESEL	1996	3
Passat	1896 CC (1.9L) SOHC 8V Turbo. L4 AAZ DIESEL	1993-1997	3
Passat	1896 CC (1.9L) SOHC 8V Turbo. L4 AHH DIESEL	1998	3
Passat	1896 CC (1.9L) SOHC 8V Turbo. L4 AHU DIESEL	1997	3
Passat	1984 CC (2.0L) SOHC 8V L4 ABA	1995-1996	1
Passat	1984 CC (2.0L) DOHC 16V L4 9A	1990-1994	1
Passat	2771 CC (2.8L) DOHC 30V V6 VR6 AHA	1998-1999	5
Passat	2792 CC (2.8L) SOHC 12V V6 VR6 AAA	1993-1997	6
Routan	3952 CC (4.0L) SOHC 24V V6 Chrysler CGVA	2009	7

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1588 CC (1.6L) SOHC 8V L4 1V DIESEL VIN Code: 'F' (1990-1992)			3.012"/76.5mm x 3.385"/86.0mm				1
	1588 CC (1.6L) SOHC 8V L4 ME DIESEL VIN Codes: 'G' (1990-1992), 'H' (1990-1991)			3.012"/76.5mm x 3.385"/86.0mm				
	1780 CC (1.8L) SOHC 8V L4 2H VIN Codes: 'B' (1990-1993), 'C' (1991-1993)			3.189"/81.0mm x 3.386"/86.0mm				
	1780 CC (1.8L) SOHC 8V L4 ABG VIN Codes: 'A' (1991-1993), 'B' (1991-1993)			3.189"/81.0mm x 3.386"/86.0mm				
	1780 CC (1.8L) SOHC 8V L4 JN VIN Codes: 'A' (1990), 'B' (1990)			3.189"/81.0mm x 3.386"/86.0mm				
	1780 CC (1.8L) SOHC 8V L4 PF VIN Codes: 'A' (1990-1992), 'B' (1990-1992), 'K' (1990-1992)			3.189"/81.0mm x 3.386"/86.0mm				
	1780 CC (1.8L) SOHC 8V L4 RV VIN Codes: 'A' (1990-1992), 'B' (1990-1992), 'K' (1990-1992)			3.189"/81.0mm x 3.386"/86.0mm				
	1781 CC (1.8L) SOHC 8V SC L4 PG VIN Codes: 'B' (1990-1992), 'C' (1991-1992), 'E' (1991-1992)			3.189"/81.0mm x 3.402"/86.4mm				
	1984 CC (2.0L) SOHC 8V L4 ABA VIN Codes: '-' (1993-1995, 1998-2002), 'A' (1993-1999), 'B' (1993-1999), 'C' (1993-1996, 1999) 'L' (1993, 1996), 'R' (1993)			3.248"/82.5mm x 3.650"/92.7mm				
	1984 CC (2.0L) SOHC 8V L4 AEG VIN Codes: '-' (1999-2001), 'B' (1998, 2001)			3.248"/82.5mm x 3.650"/92.7mm				
	1984 CC (2.0L) DOHC 16V L4 9A VIN Codes: 'B' (1990-1994), 'C' (1991-1993), 'E' (1990-1992), 'J' (1990-1992)			3.248"/82.5mm x 3.650"/92.7mm				
Rod Bearing (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
NOTE: with Oil Hole in Bearing								
Main Bearing Set	TM-77	MS-2070P-.25mm						
1-2-4-5		MB-692AL		2.1236/2.1244	0.0016/0.0041	0.0985	2.3228/2.3236	0.7280
3		MB-3567P(F)		2.1236/2.1244	0.0016/0.0041	0.0985	2.3228/2.3236	0.9820



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
2	1781 CC (1.8L) DOHC 20V Turbo. L4 AEB			3.189"/81.0mm x 3.402"/86.4mm				2
	VIN Code: '-' (1998-2000)							
	1781 CC (1.8L) DOHC 20V Turbo. L4 AUG			3.189"/81.0mm x 3.402"/86.4mm				
VIN Code: '-' (2000-2001)								
1781 CC (1.8L) DOHC 20V Turbo. L4 AWM			3.189"/81.0mm x 3.402"/86.4mm					
VIN Code: '-' (2001-2005)								
Rod Bearing (4)	TM-1	CB-1821P	STD,.25mm,.50mm	1.8802/1.8810	0.0008/0.0026	0.0554	1.9921/1.9926	0.7480
Main Bearing Set	AL-6	MS-2227AL	STD,.25mm,.50mm					
1-2-3-5		MB-3792AL		2.1243/2.1251	0.0007/0.0030	0.0985	2.3228/2.3236	0.7283
4		MB-3793AL		2.1243/2.1251	0.0008/0.0032	0.0985	2.3228/2.3236	0.7283
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-612S								
Thrust Washer Set		TW-612S	STD					
		MB-3794WL		2.3425		0.0778	2.8819	
		MB-3794WU		2.3425		0.0778	2.8819	
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2227AL								
3	1896 CC (1.9L) SOHC 8V Turbo. L4 1Z DIESEL			3.130"/79.5mm x 3.759"/95.5mm				3
	VIN Code: 'G' (1994-1997)							
	1896 CC (1.9L) SOHC 8V Turbo. L4 AAZ DIESEL			3.130"/79.5mm x 3.759"/95.5mm				
	VIN Codes: '-' (1993-1998), 'F' (1996), 'J' (1996)							
	1896 CC (1.9L) SOHC 8V Turbo. L4 AHH DIESEL			3.130"/79.5mm x 3.759"/95.5mm				
	VIN Code: 'G' (1998)							
1896 CC (1.9L) SOHC 8V Turbo. L4 AHU DIESEL			3.130"/79.5mm x 3.759"/95.5mm					
VIN Codes: 'F' (1996-2000), 'G' (1997), 'J' (1997)								
1896 CC (1.9L) SOHC 8V Turbo. L4 ALH DIESEL			3.130"/79.5mm x 3.759"/95.5mm					
VIN Codes: '-' (2004-2006), 'F' (1998-2000), 'P' (2001-2003)								
Rod Bearing (4)	TM-1	CB-1822P	STD,.25mm,.50mm	1.8802/1.8810	0.0008/0.0029	0.0554	1.9921/1.9929	0.7874
Main Bearing Set	AL-6	MS-2227AL	STD,.25mm,.50mm					
1-2-3-5		MB-3792AL		2.1243/2.1251	0.0007/0.0030	0.0985	2.3228/2.3236	0.7283
4		MB-3793AL		2.1243/2.1251	0.0008/0.0032	0.0985	2.3228/2.3236	0.7283
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-612S								
Thrust Washer Set		TW-612S	STD					
		MB-3794WL		2.3425		0.0778	2.8819	
		MB-3794WU		2.3425		0.0778	2.8819	
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2227AL								
4	1896 CC (1.9L) SOHC 8V Turbo. L4 BEW DIESEL			3.130"/79.5mm x 3.759"/95.5mm				4
	VIN Code: '-' (2004-2006)							
1896 CC (1.9L) SOHC 8V Turbo. L4 BRM DIESEL			3.130"/79.5mm x 3.759"/95.5mm					
VIN Code: '-' (2004-2006)								
Thrust Washer Set		TW-612S	STD					
		MB-3794WL		2.3425		0.0778	2.8819	
		MB-3794WU		2.3425		0.0778	2.8819	
6 CYL								
5	2771 CC (2.8L) DOHC 30V V6 VR6 AHA			3.248"/82.5mm x 3.400"/86.4mm				5
	VIN Codes: '-' (1998-1999), 'A' (1999), 'D' (1998-1999)							
Rod Bearing (6)	TM-1	CB-1823P	STD,.25mm	2.1243/2.1251	0.0008/0.0027	0.0711	2.2677/2.2682	0.6693
Main Bearing Set	TM-1	MS-2228P	STD					
1-2-3-4		MB-3795P		2.5574/2.5582	0.0008/0.0027	0.0987	2.7559/2.7567	0.7087
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-613S								

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
5	2771 CC (2.8L) DOHC 30V V6 VR6 AHA			3.248"/82.5mm x 3.400"/86.4mm				5
(cont.)	VIN Codes: '-' (1998-1999), 'A' (1999), 'D' (1998-1999)							(cont.)
Thrust Washer Set		TW-613S	STD					
		MB-3796WL		2.7756		0.0774	3.3425	
		MB-3796WU		2.7756		0.0774	3.3425	
NOTE: Contains 4 Pieces, Position Number 4 Use with Part Number MS-2228P								
6	2792 CC (2.8L) SOHC 12V V6 VR6 AAA			3.189"/81.0mm x 3.555"/90.3mm				6
VIN Codes: 'D' (1992-1993, 1995-1998), 'E' (1992-1997), 'F' (1993-1995)								
2792 CC (2.8L) SOHC 12V V6 VR6 AFP				3.189"/81.0mm x 3.555"/90.3mm				
VIN Code: '-' (1999-2002)								
Rod Bearing (6)	AL-6	CB-1824AL	STD,.25mm	2.1243/2.1251	0.0008/0.0029	0.0554	2.2362/2.2370	0.6693
Main Bearing Set	AL-6	MS-2229AL	STD,.25mm					
1-2-3-4-5-6-7		MB-3797AL		2.3606/2.3613	0.0008/0.0030	0.0985	2.5591/2.5594	0.6693
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-614S								
Thrust Washer Set		TW-614S	STD					
		MB-3798WL		2.5768		0.0678	3.1496	
		MB-3798WU		2.5768		0.0678	3.1496	
NOTE: Contains 4 Pieces, Position Number 3 Use with Part Number MS-2229AL								
7	3952 CC (4.0L) SOHC 24V V6 Chrysler			3.780"/96.0mm x 3.583"/91.0mm				7
VIN Code: 'X [CGVA]' (2009)								
Rod Bearing (6)	AL-5	CB-1881A	STD,.25mm•,.50mm• .75mm•	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850

YUGO

ENGINE	YEAR	BORE & STROKE	BLOCK
1301 CC (1.3L) SOHC 8V L4 Fiat	1990-1992	3.390"/86.0mm X 2.190"/55.5mm	1

MODEL	ENGINE	YEAR	BLOCK
Cabrio	1301 CC (1.3L) SOHC 8V L4 Fiat	1990-1992	1
GV	1301 CC (1.3L) SOHC 8V L4 Fiat	1990-1992	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1301 CC (1.3L) SOHC 8V L4 Fiat			3.390"/86.0mm x 2.190"/55.5mm				1
VIN Code: '6' (1990-1992)								
Rod Bearing (4)	AL-3	CB-1332AL	STD,10	1.7916/1.7924	0.0012/0.0033	0.0607	1.9145/1.9152	0.7560



NUMERICAL LISTING OF CONNECTING ROD BEARINGS **MAHLE**

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-663VXN	STD GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 294 CID (1999-2010), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 325 CID (1999-2010), 327 CID (1968,1969), 346 CID (1997-2005), 350 CID (1967-2002), 364 CID (1999-2010), 376 CID (2007-2010), 400 CID (1970-1980), 427 CID (2006-2010)	CB-743HXNDK	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745P	STD,1,10,20,30,40 GM: 134 CID (1990-2003); Isuzu: 2189 CC (1996-2000)
CB-684P	STD,1,10,20,30 GM: 307 CID (1990)	CB-743HXNK	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745VN	STD,1 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)
CB-699A	STD,10,20,30 Ford: 300 CID (1990-1996)	CB-743P	STD,1,10,20,30,40,50 GM: 366 CID (1990-1998), 427 CID (1990-1998), 454 CID (1990-2000), 496 CID (2001-2007)	CB-745VXN	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)
CB-699P	STD,1,10,20,30,40 C60 Ford: 300 CID (1990-1996)	CB-743V	STD,1,10 GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-758HN	STD,1,10 GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979), 421 CID (1963-1966), 428 CID (1967-1969), 455 CID (1970-1976)
CB-723A	STD,10,20,30 Ford: 177 CID (1990-1992), 245 CID (1990-2010); Mazda: 4016 CC (1991-2008)	CB-743VND	STD,1 GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-758HXN	STD GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979), 421 CID (1963-1966), 428 CID (1967-1969), 455 CID (1970-1976)
CB-723P	STD,10,20,30,40 Ford: 177 CID (1990-1992), 245 CID (1990-2010); Mazda: 4016 CC (1991-2008)	CB-743VNDX	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-809P	STD,.25mm BMW: 3430 CC (1990-1993)
CB-743A	STD,10,20,30 GM: 366 CID (1990-1998), 427 CID (1990-1998), 454 CID (1990-2000), 496 CID (2001-2007)	CB-743VX	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-818HN	STD,10,11 Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998)
CB-743HN	STD,1,9,10,11,19,20,21,30 GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-743VX	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-818P	STD,1,10,20,30,40 Ford: 370 CID (1990,1991), 460 CID (1990-1998)
CB-743HND	STD,1,9,10,11 GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745A	STD,10,20,30 GM: 134 CID (1990-2003); Isuzu: 2189 CC (1996-2000)	CB-829M	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)
CB-743HNDK	STD,1,10 GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745HN	STD,1,10,20,30 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)	CB-831A	STD,10,20,30 Ford: 351 CID (1990-1998)
CB-743HNK	STD,1,10 GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745HND	STD,10 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)	CB-831HN	STD,1,9,10,11 Ford: 351 CID (1969-1998)
CB-743HXXN	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745HNDK	STD,10 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)	CB-831HNK	STD,1,10 Ford: 351 CID (1969-1998)
CB-743HXND	STD GM: 348 CID (1958-1961), 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 409 CID (1961-1965), 427 CID (1966-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007)	CB-745HNK	STD,1,10 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)	CB-831HXN	STD Ford: 351 CID (1969-1998)
		CB-745HXN	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)	CB-831HXNK	STD Ford: 351 CID (1969-1998)
		CB-745HXNK	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)	CB-831P	STD,1,10,20,30,40 Ford: 351 CID (1990-1998)
				CB-927HN	STD,10 Ford: 351 CID (1970-1982), 400 CID (1971-1982)
				CB-960A	STD,10,20,30 Chrysler: 150 CID (1996-2002); Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990), 360 CID (1990,1991)
				CB-960P	STD,1,10,20,30,40 Chrysler: 150 CID (1996-2002); Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990), 360 CID (1990,1991)
				CB-984P	STD,.25mm,.50mm .75mm Ford: 140 CID (1990-1997), 153 CID (1998-2001); Mazda: 140 CID (1994-1997), 2492 CC (1998-2001)
				CB-1095P	STD,.25mm,.50mm .75mm GM: 239 CID (1990,1991)



NUMERICAL LISTING OF CONNECTING ROD BEARINGS **MAHLE**

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1120AL	STD, .25mm, .50mm .75mm, 1.00mm	CB-1286P	STD, .026mm, .25mm .50mm, .75mm	CB-1401AL	STD, .25mm, .50mm .75mm
Chrysler: 98 CID (1990), 107 CID (1990-1994), 122 CID (1990-1992), 144 CID (1990-1992); Hyundai: 1595 CC (1992-1995), 1597 CC (1990), 2351 CC (1990,1991); Kia: 2351 CC (2001-2006); Mitsubishi: 1595 CC (1990-1992), 1755 CC (1990-1994), 1997 CC (1990-1992)		GM: 379 CID (1990-1993), 395 CID (1992-2002); Hummer: 379 CID (1992-1994), 395 CID (1994-2005)		GM: 61 CID (1990-2001), 79 CID (1992-2001); Suzuki: 1298 CC (1990-1995)	
CB-1120HN	STD, .026mm, .25mm	CB-1327P	STD, 10,20,30,40	CB-1406AL	STD, .25mm, .50mm
Chrysler: 98 CID (1989,1990), 107 CID (1989-1994), 122 CID (1983-1992), 144 CID (1990-1992); Mitsubishi: 1595 CC (1989-1992), 1597 CC (1985-1988), 1755 CC (1989-1994), 1794 CC (1983-1988), 1997 CC (1983-1992), 2351 CC (1985-1988)		Ford: 445 CID (1990-1994)		Toyota: 1998 CC (1990-2000)	
CB-1120HXX	STD	CB-1332AL	STD, 10	CB-1407AL	STD, .25mm, .50mm .75mm
Chrysler: 98 CID (1989,1990), 107 CID (1989-1994), 122 CID (1983-1992), 144 CID (1990-1992); Mitsubishi: 1595 CC (1989-1992), 1597 CC (1985-1988), 1755 CC (1989-1994), 1794 CC (1983-1988), 1997 CC (1983-1992), 2351 CC (1985-1988)		Yugo: 1301 CC (1990-1992)		Toyota: 2237 CC (1990)	
CB-1217P	STD, .25mm	CB-1351P	STD, .25mm	CB-1408P	STD, .25mm
Subaru: 1781 CC (1990-1994)		GM: 273 CID (1990-1992), 300 CID (1991-1995)		GM: 122 CID (1990-1994)	
CB-1218P	STD, .25mm, .50mm .75mm, 1.00mm	CB-1353H	STD, .026mm, .25mm	CB-1410A	STD, .25mm, .50mm .75mm
Toyota: 2366 CC (1990-1995)		Acura: 1678 CC (1992,1993), 1834 CC (1990-2001); Honda: 1829 CC (1983-1987), 1955 CC (1985-1989), 1958 CC (1988-1990)		Chrysler: 201 CID (1990-2010), 215 CID (1993-1997), 230 CID (1991-2008), 231 CID (2009,2010); Jeep: 231 CID (2007-2010)	
CB-1227H	STD, 1	CB-1353P	STD, .25mm, .50mm	CB-1410P	STD, .25mm, .50mm .75mm
GM: 200 CID (1978,1979), 229 CID (1980-1984)		Acura: 1678 CC (1992,1993), 1834 CC (1990-2001); Honda: 1958 CC (1990)		Chrysler: 201 CID (1990-2010), 215 CID (1993-1997), 230 CID (1991-2008), 231 CID (2009,2010); Jeep: 231 CID (2007-2010)	
CB-1227HX	STD	CB-1358A	STD, 10,20,30	CB-1411P	STD, .25mm, .50mm
GM: 200 CID (1978,1979), 229 CID (1980-1984)		GM: 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000)		Chrysler: 152 CID (1995-2000), 181 CID (1990-2005); Hyundai: 2972 CC (1990-1998); Mitsubishi: 2497 CC (1995), 2972 CC (1990-2005)	
CB-1228P	STD, 1,10,20,30,40	CB-1358P	STD, 1,10,20,30,40	CB-1413P	STD, .25mm, .50mm .75mm
GM: 204 CID (1990), 231 CID (1990)		GM: 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000)		Chrysler: 359 CID (1990-2002)	
CB-1238A	STD, .25mm, .50mm .75mm	CB-1361P	STD, .25mm	CB-1426P	STD, .25mm, .50mm .75mm
GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994)		Toyota: 1587 CC (1990-1997)		Audi: 1984 CC (1990,1991), 2226 CC (1990-1995), 2309 CC (1990-1992); Volkswagen: 1588 CC (1990-1992), 1780 CC (1990-1993), 1781 CC (1990-1992), 1984 CC (1990-2002)	
CB-1238P	STD, .026mm, .25mm .50mm, .75mm, 1.00mm	CB-1362AL	STD, .25mm	CB-1435P	STD, .25mm
GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994)		Ford: 134 CID (1990-1992); Kia: 1998 CC (1995-1998); Mazda: 2184 CC (1990-1993)		Ford: 183 CID (1990-1995), 195 CID (1993-1995)	
CB-1269P	STD, .25mm, .50mm	CB-1380A	STD, .25mm, .50mm .75mm	CB-1437P	STD, .25mm, .50mm .75mm, 1.00mm
Chrysler: 135 CID (1990-1994), 153 CID (1990-1995)		Ford: 116 CID (1990-1996), 122 CID (1997-2004)		Toyota: 2954 CC (1990-1992)	
CB-1272P	STD	CB-1380P	STD, .25mm	CB-1439P	STD, .25mm, .50mm
GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		Ford: 116 CID (1990-1996), 122 CID (1997-2004)		Toyota: 1998 CC (1990-1995)	
CB-1279AL	STD, .25mm, .50mm .75mm, 1.00mm	CB-1385A	STD, .25mm, .50mm .75mm	CB-1440P	STD, .25mm, .50mm .75mm
Ford: 81 CID (1990-1997); Mazda: 1489 CC (1995-1998)		Ford: 183 CID (1990-2008); Mazda: 183 CID (1994-2007)		Toyota: 3956 CC (1990-1992)	
CB-1283A	STD, .25mm, .50mm .75mm	CB-1385P	STD, .25mm, .50mm	CB-1442A	STD, .25mm, .50mm .75mm
Ford: 232 CID (1990-1995)		Ford: 183 CID (1990-2008); Mazda: 183 CID (1994-2007)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)	
CB-1283P	STD, .25mm, .50mm .75mm	CB-1387P	STD, 10,20	CB-1442H	STD, .026mm, .23mm .25mm, .28mm
Ford: 232 CID (1990-1995)		Chrysler: 239 CID (1990-2003)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)	
		CB-1388P	STD, .25mm, .50mm	CB-1442HK	STD
		GM: 138 CID (1990-1995)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)	
		CB-1398H	STD, 1,10	CB-1442HX	STD
		GM: 181 CID (1982-1988), 196 CID (1978,1979), 231 CID (1978-1989), 252 CID (1980-1984)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)	
		CB-1398HX	STD	CB-1442HXX	STD
		GM: 181 CID (1982-1988), 196 CID (1978,1979), 231 CID (1978-1989), 252 CID (1980-1984)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)	
		CB-1398V	STD		
		GM: 181 CID (1982-1988), 196 CID (1978,1979), 231 CID (1978-1989), 252 CID (1980-1984)			



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1442P	STD, .25mm, .50mm .75mm	CB-1591P	STD, .25mm, .50mm	CB-1648P	STD, .25mm, .50mm
Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)		Ford: 2960 CC (1993-1998), 3275 CC (1999-2002); Infiniti: 2960 CC (1990-1997), 3275 CC (1997,1998); Nissan: 2960 CC (1990-1998), 3275 CC (1996-2004)		GM: 244 CID (1995-1999-2003), 267 CID (2006-2009), 281 CID (1993-2010)	
CB-1443A	STD, 10, 20, 30	CB-1592AL	STD	CB-1652P	STD, .25mm, .50mm
GM: 204 CID (1991-1993), 231 CID (1990-2009)		Mazda: 2954 CC (1990-1998)		Ford: 122 CID (1993-1997); Mazda: 1991 CC (1993-2003)	
CB-1443P	STD, 10, 20, 30	CB-1593AL	STD, .25mm, .50mm	CB-1653P	STD, .25mm, .50mm
GM: 204 CID (1991-1993), 231 CID (1990-2009)		Toyota: 1456 CC (1990-1994), 1497 CC (1992-1999)		Ford: 152 CID (1993-1997); Mazda: 2254 CC (1995-2002), 2497 CC (1993-1998), 2954 CC (1990-1995)	
CB-1453AL	STD, .25mm, .50mm .75mm	CB-1594P	STD, .25mm, .50mm	CB-1654P	STD, .25mm, .50mm
Ford: 98 CID (1991-1994), 112 CID (1991-1996); Kia: 1597 CC (1994-1997), 1794 CC (1998-2004), 1839 CC (1995-1997); Mazda: 1597 CC (1990-1996), 1839 CC (1990-1997-2005)		Lexus: 2507 CC (1990,1991); Toyota: 2507 CC (1990,1991)		Isuzu: 2254 CC (1990-1995)	
CB-1455AL	STD, .25mm, .50mm	CB-1623P	STD, .25mm, .50mm	CB-1655P	STD, .25mm
Kia: 1998 CC (1995-2002); Mazda: 2606 CC (1990-1994)		Saturn: 116 CID (1991-2002)		Infiniti: 4130 CC (1997,1998), 4494 CC (1990-1996)	
CB-1456P	STD, .25mm, .50mm	CB-1625P	STD, .25mm, .50mm	CB-1656AL	STD, .25mm, .50mm .75mm
Acura: 2156 CC (1997); Honda: 1958 CC (1990,1991), 2056 CC (1990,1991), 2156 CC (1990-1997), 2259 CC (1992-1996); Isuzu: 2156 CC (1996,1997)		Toyota: 2958 CC (1990-1995)		Lexus: 4476 CC (1996,1997); Toyota: 4476 CC (1993-1997)	
CB-1457P	STD, .25mm	CB-1627P	STD	CB-1657AL	STD, .25mm, .50mm
Acura: 2675 CC (1990); Honda: 2675 CC (1995-1997); Sterling: 2675 CC (1990,1991)		Lexus: 3969 CC (1990-2000)		Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999)	
CB-1459P	STD, .25mm, .50mm	CB-1628H	STD, .25mm	CB-1658AL	STD
Honda: 1493 CC (1990-1995)		Toyota: 2997 CC (1993-1998)		Daihatsu: 1295 CC (1990-1993), 1589 CC (1990-1995)	
CB-1461P	STD, .25mm, .50mm	CB-1628HX	STD	CB-1663H	STD, 1, 10
Acura: 1590 CC (1997-2000); Honda: 1590 CC (1990-2000), 1972 CC (1997-2001)		Toyota: 2997 CC (1993-1998)		Custom Performance	
CB-1469P	STD, .25mm, .50mm	CB-1628P	STD, .25mm	CB-1663HK	STD, 1
Subaru: 1189 CC (1990-1994)		Lexus: 2997 CC (1992-2005); Toyota: 2997 CC (1993-1998)		Custom Performance	
CB-1470AL	STD	CB-1629P	STD, .25mm	CB-1663HX	STD
Subaru: 2672 CC (1990,1991)		Infiniti: 1998 CC (1991-1996-2002); Nissan: 1998 CC (1991-1998)		Custom Performance	
CB-1474P	STD, .25mm, .50mm	CB-1633P	STD, 10, 20, 30, 40	CB-1663HXK	STD
GM: 98 CID (1990-1997); Toyota: 1587 CC (1990,1991)		Ford: 445 CID (1994-2003)		Custom Performance	
CB-1477AL	STD, .25mm, .50mm .75mm	CB-1634A-.25mm .50mm, .75mm	STD, 10, 20, 30, 40	CB-1664H	STD, 1
GM: 97 CID (1990-2002); Suzuki: 1590 CC (1990-2001)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)		Custom Performance	
CB-1478P	STD, .25mm, .50mm	CB-1634P-.25mm .50mm	STD, .50mm	CB-1664HK	STD, 1
GM: 98 CID (1990-1993); Isuzu: 1588 CC (1990-1993)		Ford: 281 CID (1991-2010), 302 CID (2011), 330 CID (1997-2010), 415 CID (1997-2009)		Custom Performance	
CB-1480AL	STD, .25mm, .50mm	CB-1635A	STD, .25mm, .50mm	CB-1664HX	STD
Honda: 2559 CC (1994-1996); Isuzu: 2559 CC (1990-1997)		Chrysler: 122 CID (1995-2005); Mitsubishi: 1996 CC (1995-1999)		Custom Performance	
CB-1512M	STD	CB-1635P	STD, .25mm, .50mm	CB-1664HXK	STD
Chrysler: 426 CID (1963-1971)		Chrysler: 122 CID (1995-2005); Mitsubishi: 1996 CC (1995-1999)		Custom Performance	
CB-1512M(U)	STD	CB-1639P	STD, .25mm, .50mm	CB-1665HND	STD, 1, 10
Chrysler: 426 CID (1963-1971)		Toyota: 2164 CC (1990-2001)		Custom Performance	
CB-1512V	STD, 10	CB-1643HN	STD, .026mm, .25mm	CB-1665HNDK	STD, 1
Chrysler: 426 CID (1963-1971)		Chrysler: 122 CID (1992-1998), 144 CID (1992-1996-2005); Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-2003)		Custom Performance	
CB-1512V(U)	STD	CB-1643P	STD, .25mm, .50mm	CB-1665HXND	STD
Chrysler: 426 CID (1963-1971)		Chrysler: 122 CID (1992-1998), 144 CID (1992-1996-2005); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998); Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-2003)		Custom Performance	
CB-1588AL	STD, .25mm, .50mm	CB1643HXN	STD	CB-1665HXNDK	STD
Chrysler: 90 CID (1990-1996); Hyundai: 1468 CC (1990-1994); Mitsubishi: 1468 CC (1990-2002)		Chrysler: 122 CID (1992-1998), 144 CID (1992-1996-2005); Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-2003)		Custom Performance	
CB-1589P	STD, .25mm, .50mm	CB-1647A	STD, .25mm, .50mm .75mm	CB-1667A	STD, .25mm, .50mm .75mm
Nissan: 2389 CC (1990-2004)		GM: 146 CID (1996-2002)		Ford: 232 CID (1996-2004), 238 CID (2004-2007), 256 CID (1997-2008)	
CB-1590P	STD, .25mm	CB-1647P	STD, .25mm, .50mm .75mm	CB-1667P	STD, .25mm, .50mm .75mm
Nissan: 1597 CC (1990-1999)		GM: 146 CID (1996-2002)		Ford: 232 CID (1996-2004), 238 CID (2004-2007), 256 CID (1997-2008)	



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1670P	STD, .25mm, .50mm .75mm Chrysler: 167 CID (1998-2009)	CB-1779A-10	20,30 Chrysler: 318 CID (1990-2003), 360 CID (1990-2003); Jeep: 318 CID (1993-1998), 360 CID (1998)	CB-1795P-10	Ford: 177 CID (1990-1992), 245 CID (1990-2010); Mazda: 4016 CC (1991-2008)
CB-1772A	STD, .25mm, .50mm .75mm Ford: 155 CID (1995-2002), 181 CID (1996-2006), 207 CID (1996-1999); Jaguar: 181 CID (2000-2008); Mazda: 181 CID (2001-2006)	CB-1779P-10	20 Chrysler: 318 CID (1990-2003), 360 CID (1990-2003), 488 CID (1992-2003); Jeep: 318 CID (1993-1998), 360 CID (1998)	CB-1796A	STD, .25mm, .50mm .75mm Ford: 232 CID (1990-1995)
CB-1772P	STD, .25mm, .50mm Ford: 155 CID (1995-2002), 181 CID (1996-2006), 207 CID (1996-1999); Jaguar: 181 CID (2000-2008); Mazda: 181 CID (2001-2006)	CB-1780H	STD, .25mm Honda: 2157 CC (1993-2001)	CB-1797A	STD, .25mm, .50mm .75mm GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994)
CB-1774A	STD, .25mm, .50mm .75mm Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004)	CB-1780HK	STD Honda: 2157 CC (1993-2001)	CB-1798H	STD,1 Custom Performance
CB-1774H	STD, .026mm, .25mm Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004)	CB-1780HX	STD Honda: 2157 CC (1993-2001)	CB-1798HK	STD,1 Custom Performance
CB-1774HX	STD Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004)	CB-1780HXX	STD Honda: 2157 CC (1993-2001)	CB-1798HT	STD,1 Custom Performance
CB-1774P	STD, .25mm, .50mm .75mm Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004)	CB-1780P	STD, .25mm, .50mm Honda: 2157 CC (1993-2001)	CB-1798HX	STD Custom Performance
CB-1775H	STD,1 Custom Performance	CB-1781AL	STD, .25mm, .50mm Toyota: 2438 CC (1995-2001), 2694 CC (1994-2004)	CB-1798HXX	STD Custom Performance
CB-1775HK	STD,1 Custom Performance	CB-1782AL	STD, .50mm Chrysler: 112 CID (1992-1996); Mitsubishi: 1834 CC (1992-2002)	CB-1798HXT	STD Custom Performance
CB-1775HX	STD Custom Performance	CB-1783P	STD, .25mm, .50mm Lexus: 2959 CC (1992,1993); Toyota: 2959 CC (1992,1993), 3378 CC (1995-2002)	CB-1798V	STD,1 Custom Performance
CB-1775HXX	STD Custom Performance	CB-1784P	STD, .25mm, .50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007)	CB-1798VX	STD Custom Performance
CB-1776A	STD,10,20,30 GM: 265 CID (1994-1996), 294 CID (1999-2010), 305 CID (1990-2002), 325 CID (1999-2010), 346 CID (1997-2005), 350 CID (1990-2003), 364 CID (1999-2010), 376 CID (2007-2010); Hummer: 325 CID (2008-2010), 350 CID (1995,1996), 364 CID (2003-2007), 376 CID (2008,2009); Isuzu: 5328 CC (2003-2006); Saab: 364 CID (2008), 5328 CC (2005-2009)	CB-1785H	STD, .25mm Acura: 1797 CC (1994-2001)	CB-1799A-10	20,30 Ford: 300 CID (1990-1996)
CB-1776P-10	20,30,40 GM: 265 CID (1994-1996), 294 CID (1999-2010), 305 CID (1990-2002), 325 CID (1999-2010), 346 CID (1997-2005), 350 CID (1990-2003), 364 CID (1999-2010), 376 CID (2007-2010), 427 CID (2006-2010); Hummer: 325 CID (2008-2010), 350 CID (1995,1996), 364 CID (2003-2007), 376 CID (2008,2009); Isuzu: 5328 CC (2003-2006); Saab: 364 CID (2008), 5328 CC (2005-2009)	CB-1785HX	STD Acura: 1797 CC (1994-2001)	CB-1799P-10	20,30,40 Ford: 300 CID (1990-1996)
CB-1777H	STD, .25mm Honda: 1595 CC (1994-2000)	CB-1785HXX	STD Acura: 1797 CC (1994-2001)	CB-1802P-10	20,30 Ford: 370 CID (1990,1991), 460 CID (1990-1998)
CB-1777HX	STD Honda: 1595 CC (1994-2000)	CB-1786AL	STD, .25mm, .50mm GM: 108 CID (1993-1997); Toyota: 1762 CC (1993-1997)	CB-1803A	STD,10,20,30 Ford: 351 CID (1990-1998)
CB-1777P	STD, .25mm, .50mm Honda: 1595 CC (1994-1997,2000)	CB-1787A-.25mm .50mm	STD Chrysler: 167 CID (1998-2009)	CB-1803P-10	20,30,40 Ford: 351 CID (1990-1998)
CB-1778A	STD,10,20,30 Ford: 302 CID (1990-2001)	CB-1787P-.25mm .50mm	STD Chrysler: 167 CID (1998-2009)	CB-1804P-.25mm .50mm	STD Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007)
		CB-1790A	STD, .25mm, .50mm .75mm Ford: 232 CID (1996-2004), 238 CID (2004-2007), 256 CID (1997-2008)	CB-1805H	STD, .026mm, .25mm GM: 403 CID (2001-2009)
		CB-1790P-.25mm	STD Ford: 232 CID (1996-2004), 238 CID (2004-2007), 256 CID (1997-2008)	CB-1805HX	STD GM: 403 CID (2001-2009)
		CB-1794A	STD,10,20,30 GM: 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000)	CB-1805P	STD, .25mm, .50mm GM: 403 CID (2001-2009); Hummer: 403 CID (2006)
		CB-1794P-10	20,30,40 GM: 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000)	CB-1806A-10	20,30 GM: 204 CID (1991-1993), 231 CID (1990-2009)
		CB-1795A-10	20,30 Ford: 177 CID (1990-1992), 245 CID (1990-2010); Mazda: 4016 CC (1991-2008)	CB-1808A	STD, .25mm, .50mm Chrysler: 345 CID (2003-2010); Jeep: 345 CID (2005-2010)
				CB-1808HN	STD, .026mm, .23mm .25mm, .28mm Chrysler: 345 CID (2003-2010), 370 CID (2005-2010), 505 CID (2003-2006), 515 CID (2008,2009)



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1808HXN STD Chrysler: 345 CID (2003-2010), 370 CID (2005-2010), 505 CID (2003-2006), 515 CID (2008,2009)		CB-1818A STD,.25mm,.50mm Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009)		CB-1838HK STD Ford: 140 CID (2001-2009); Mazda: 2261 CC (2003-2008)	
CB-1808P STD,.25mm,.50mm Chrysler: 345 CID (2003-2010), 370 CID (2005-2010), 505 CID (2003-2006), 515 CID (2008,2009); Jeep: 345 CID (2005-2010), 370 CID (2006-2010)		CB-1818P STD,.25mm,.50mm Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009)		CB-1838HX STD Ford: 140 CID (2001-2009); Mazda: 2261 CC (2003-2008)	
CB-1809A-.25mm .50mm Chrysler: 345 CID (2003-2010); Jeep: 345 CID (2005-2010)		CB-1819A-.25mm .50mm Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009)		CB-1838HXK STD Ford: 140 CID (2001-2009); Mazda: 2261 CC (2003-2008)	
CB-1809P-.25mm .50mm Chrysler: 345 CID (2003-2010), 370 CID (2005-2010), 505 CID (2003-2006), 515 CID (2008,2009); Jeep: 345 CID (2005-2010), 370 CID (2006-2010)		CB-1819P-.25mm .50mm Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009)		CB-1839AL-.25mm .50mm Ford: 140 CID (2001-2009); Mazda: 2261 CC (2001-2008)	
CB-1810P-.25mm .50mm GM: 403 CID (2001-2009); Hummer: 403 CID (2006)		CB-1820P-10 20 GM: 214 CID (1999-2002)		CB-1840AL STD,.25mm,.50mm Ford: 121 CID (2004-2009)	
CB-1811A STD,10,20,30 GM: 169 CID (2004-2006), 211 CID (2004-2006), 254 CID (2002-2006); Hummer: 211 CID (2006); Isuzu: 254 CID (2003-2006), 2770 CC (2006), 3460 CC (2006); Saab: 254 CID (2005,2006)		CB-1821P STD,.25mm,.50mm Audi: 1781 CC (1997-2001); Volkswagen: 1781 CC (1998-2005)		CB-1840H STD,.026mm,.25mm Ford: 121 CID (2004-2009)	
CB-1811P STD,10,20 GM: 169 CID (2004-2006), 211 CID (2004-2006), 254 CID (2002-2006); Hummer: 211 CID (2006); Isuzu: 254 CID (2003-2006), 2770 CC (2006), 3460 CC (2006); Saab: 254 CID (2005,2006)		CB-1822P STD,.25mm,.50mm Volkswagen: 1896 CC (1993-2006)		CB-1840HK STD Ford: 121 CID (2004-2009)	
CB-1812P STD,10,20 GM: 214 CID (1999-2002)		CB-1823P STD,.25mm Audi: 2771 CC (1998,1999); Volkswagen: 2771 CC (1998,1999)		CB-1840HX STD Ford: 121 CID (2004-2009)	
CB-1813A STD,.25mm,.50mm Chrysler: 148 CID (1995-2009); Jeep: 148 CID (2002-2006)		CB-1824AL STD,.25mm Volkswagen: 2792 CC (1992-2002)		CB-1840HXK STD Ford: 121 CID (2004-2009)	
CB-1813H STD,.026mm,.25mm Chrysler: 148 CID (1995-2009)		CB-1827AL STD,10,20,30 GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010); Saturn: 122 CID (2004-2009), 134 CID (2000-2007), 145 CID (2006-2009)		CB-1841AL-.25mm .50mm Ford: 121 CID (2004-2009)	
CB-1813HX STD Chrysler: 148 CID (1995-2009)		CB-1827H STD,1,10 GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010)		CB-1842P STD,.25mm,.50mm Chrysler: 165 CID (2003-2006); Freightliner: 165 CID (2002-2006)	
CB-1813P STD,.25mm,.50mm Chrysler: 148 CID (1995-2009); Jeep: 148 CID (2002-2006)		CB-1827HX STD GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010)		CB-1843P-.25mm .50mm Chrysler: 165 CID (2003-2006); Freightliner: 165 CID (2002-2006)	
CB-1814P STD,.25mm,.50mm .75mm Ford: 363 CID (2003-2010)		CB-1828AL-10 20,30 GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010); Saturn: 122 CID (2004-2009), 134 CID (2000-2007), 145 CID (2006-2009)		CB-1845A-.25mm .50mm,.75mm Ford: 155 CID (1995-2002), 181 CID (1996-2006), 207 CID (1996-1999); Jaguar: 181 CID (2000-2008); Mazda: 181 CID (2001-2006)	
CB-1815P-.25mm .50mm,.75mm Ford: 363 CID (2003-2010)		CB-1829P STD,.25mm,.50mm Hyundai: 1495 CC (1994-2002)		CB-1845P-.25mm .50mm,.75mm Ford: 155 CID (1995-2002), 181 CID (1996-2006), 207 CID (1996-1999); Jaguar: 181 CID (2000-2008); Mazda: 181 CID (2001-2006)	
CB-1816A-10 20,30 GM: 169 CID (2004-2006), 211 CID (2004-2006), 254 CID (2002-2006); Hummer: 211 CID (2006); Isuzu: 254 CID (2003-2006), 2770 CC (2006), 3460 CC (2006); Saab: 254 CID (2005,2006)		CB-1830P STD,.25mm,.50mm Acura: 3165 CC (1996,1997); Honda: 3165 CC (1994-2002); Isuzu: 3165 CC (1992-2004), 3494 CC (1998-2004)		CB-1846P-.25mm .50mm Chrysler: 359 CID (1990-2002)	
CB-1816P-10 20 GM: 169 CID (2004-2006), 211 CID (2004-2006), 254 CID (2002-2006); Hummer: 211 CID (2006); Isuzu: 254 CID (2003-2006), 2770 CC (2006), 3460 CC (2006); Saab: 254 CID (2005,2006)		CB-1831P STD,.25mm,.50mm Mazda: 1844 CC (1992-1994)		CB-1850P STD,.25mm,.50mm Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999)	
CB-1817A-.25mm .50mm Chrysler: 148 CID (1995-2009); Jeep: 148 CID (2002-2006)		CB-1832P STD,.25mm,.50mm Mitsubishi: 3497 CC (1994-2004)		CB-1851AL STD,.25mm GM: 181 CID (1997-2001), 197 CID (2003,2004); Saturn: 181 CID (2000-2005)	
CB-1817P-.25mm .50mm Chrysler: 148 CID (1995-2009); Jeep: 148 CID (2002-2006)		CB-1833P STD,.25mm,.50mm Lexus: 2995 CC (1994-2003); Toyota: 2995 CC (1994-2002)		CB-1853A-10 20,30 GM: 134 CID (1990-2003)	
		CB-1835AL STD,.25mm,.50mm Scion: 2362 CC (2005-2009); Toyota: 2362 CC (2001-2009)		CB-1854A STD,.25mm,.50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007)	
		CB-1838AL STD,.25mm,.50mm Ford: 140 CID (2001-2009); Mazda: 2261 CC (2001-2008)		CB-1854P STD,.25mm,.50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007)	
		CB-1838H STD,.026mm,.25mm Ford: 140 CID (2001-2009); Mazda: 2261 CC (2003-2008)		CB-1855A-.25mm .50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007)	



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1855P-.25mm .50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007)		CB-1881A	STD,.25mm,.50mm .75mm Chrysler: 215 CID (2007-2010), 241 CID (2007-2009); Volkswagen: 3952 CC (2009)		
CB-1856HN	STD,1,10 Custom Performance	CB-1882A	STD,10,20,30 GM: 178 CID (2007-2010), 223 CID (2007-2010), 254 CID (2006-2009); Hummer: 223 CID (2007-2010); Isuzu: 254 CID (2006-2008), 2921 CC (2007,2008), 3654 CC (2007,2008); Saab: 254 CID (2006-2009)		
CB-1856HXX	STD Custom Performance	CB-1883A-10	20,30 GM: 178 CID (2007-2010), 223 CID (2007-2010), 254 CID (2006-2009); Hummer: 223 CID (2007-2010); Isuzu: 254 CID (2006-2008), 2921 CC (2007,2008), 3654 CC (2007,2008); Saab: 254 CID (2006-2009)		
CB-1857P	STD,.25mm,.50mm Infiniti: 3498 CC (2001-2008); Nissan: 3498 CC (2001-2007)	CB-1887A-.25MM .50mm,.75mm Chrysler: 201 CID (1990-2010), 215 CID (1993-1997), 230 CID (1991-2008), 231 CID (2009,2010); Jeep: 231 CID (2007-2010)			
CB-1858AL	STD,.25mm,.50mm Nissan: 2500 CC (2002-2004)				
CB-1859P	STD,.25mm,.50mm Honda: 1668 CC (2001-2005)				
CB-1860P	STD,.25mm,.50mm Acura: 1998 CC (2002-2006), 2254 CC (1998,1999); Honda: 1998 CC (2002-2005), 2254 CC (1998-2002); Isuzu: 2254 CC (1998,1999)				
CB-1861P	STD,.25mm,.50mm Acura: 1998 CC (2002-2006), 2354 CC (2004-2008); Honda: 2354 CC (2002-2009)				
CB-1862AL	STD,.25mm,.50mm Honda: 1339 CC (2003-2009), 1497 CC (2007-2010)				
CB-1863AL	STD,.25mm,.50mm GM: 110 CID (1998-2008); Toyota: 1794 CC (1998-2007)				
CB-1864AL	STD,.25mm,.50mm Scion: 1497 CC (2004-2006); Toyota: 1497 CC (2000-2010)				
CB-1869P	STD,.25mm,.50mm .75mm Ford: 391 CID (2008-2010)				
CB-1873AP	STD,.25mm Chrysler: 359 CID (2003-2008), 408 CID (2007-2009)				
CB-1874A	STD,.25mm,.50mm .75mm GM: 213 CID (2004-2007), 214 CID (2006-2008), 237 CID (2006-2009); Saturn: 213 CID (2005,2006), 214 CID (2007,2008), 237 CID (2006,2007)				
CB-1875A-.25mm .50mm,.75mm GM: 213 CID (2004-2007), 214 CID (2006-2008), 237 CID (2006-2009); Saturn: 213 CID (2005,2006), 214 CID (2007,2008), 237 CID (2006,2007)					
CB-1876P-.25mm .50mm,.75mm Ford: 391 CID (2008-2010)					
CB-1877A	STD,10,20 GM: 170 CID (2005-2007), 182 CID (2010), 217 CID (2004-2010); Saturn: 217 CID (2007-2010); Suzuki: 3564 CC (2007-2009)				
CB-1878A-10	20,30 GM: 151 CID (1990-1993)				
CB-1879A-10	20 GM: 170 CID (2005-2007), 182 CID (2010), 217 CID (2004-2010); Saturn: 217 CID (2007-2010); Suzuki: 3564 CC (2007-2009)				
CB-1880P-.25mm .50mm Chrysler: 197 CID (1998-2001), 215 CID (1999-2007)					



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-426M	STD Chrysler: 392 CID (1957,1958) Contents: (3)MB-1802M (1)MB-1803M(F) (1)MB-1804M	MS-540HX	STD Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973) Contents: (3)MB-2035HX (1)MB-2036HX(F) (1)MB-2559HX	MS-804H	STD,1,10,20 GM: 400 CID (1968,1969), 425 CID (1965-1967), 455 CID (1968-1976) Contents: (2)MB-2163H (1)MB-2362H (1)MB-2363H(F) (1)MB-2364H
MS-429H	STD,1,10 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769H(F) (4)MB-1808H	MS-540HXX	STD Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973) Contents: (3)MB-2035HX (1)MB-2036HX(F) (1)MB-2559HX	MS-804HX	STD GM: 400 CID (1968,1969), 425 CID (1965-1967), 455 CID (1968-1976) Contents: (2)MB-2163HX (1)MB-2362HX (1)MB-2363HX(F) (1)MB-2364HX
MS-429HK	STD,10 GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769H(F) (4)MB-1808H	MS-590A	STD,10,20,30 Ford: 302 CID (1990-2001) Contents: (4)MB-2121A (1)MB-2122A(F)	MS-805P	STD,1,10,20 GM: 307 CID (1990) Contents: (2)MB-2251P (1)MB-2252P(F) (1)MB-2253P (1)MB-2365P
MS-429HX	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769HX(F) (4)MB-1808HX	MS-590H	STD,1,9,10,11 Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001) Contents: (4)MB-2121H (1)MB-2122H(F)	MS-829A	STD,10,20,30 GM: 366 CID (1990-1998), 427 CID (1990-1998), 454 CID (1990-2000) Contents: (4)MB-2403A (1)MB-2404A(F)
MS-429HXX	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769HX(F) (4)MB-1808HX	MS-590HK	STD,1,10 Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001) Contents: (4)MB-2121H (1)MB-2122H(F)	MS-829H	STD,1,9,10,11,19,20,21,30 GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403H (1)MB-2404H(F)
MS-429V	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769V(F) (4)MB-1808V	MS-590HX	STD Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001) Contents: (4)MB-2121HX (1)MB-2122HX(F)	MS-829HG	STD GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403HG (1)MB-2404HG(F)
MS-429VG	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769VG(F) (4)MB-1808VG	MS-590HXX	STD Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001) Contents: (4)MB-2121HX (1)MB-2122HX(F)	MS-829HK	STD,1,10 GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403H (1)MB-2404H(F)
MS-429VX	STD GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967) Contents: (1)MB-1769VX(F) (4)MB-1808VX	MS-590P	STD,1,10,20,30,40 Ford: 302 CID (1990-2001) Contents: (4)MB-2121P (1)MB-2122P(F)	MS-829HX	STD GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403HX (1)MB-2404HX(F)
MS-458H	STD,1 GM: 348 CID (1958-1961), 409 CID (1961-1965) Contents: (4)MB-1840H (1)MB-1841H(F)	MS-590V	STD Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001) Contents: (4)MB-2121V (1)MB-2122V(F)	MS-829HXX	STD GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403HX (1)MB-2404HX(F)
MS-458HX	STD GM: 348 CID (1958-1961), 409 CID (1961-1965) Contents: (4)MB-1840HX (1)MB-1841HX(F)	MS-590VX	STD Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001) Contents: (4)MB-2121VX (1)MB-2122VX(F)	MS-829P	STD,1,10,20,30,40 GM: 366 CID (1990-1998), 427 CID (1990-1998), 454 CID (1990-2000) Contents: (4)MB-2403P (1)MB-2404P(F)
MS-496P	STD,10,20,30 GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979) Contents: (1)MB-1891P (3)MB-1917P (1)MB-1918P(F)	MS-667H	STD,1,10 GM: 421 CID (1963-1966), 428 CID (1967-1969), 455 CID (1970-1976) Contents: (3)MB-2215H (1)MB-2216H(F) (1)MB-2217H	MS-829V	STD,1,10 GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403V (1)MB-2404V(F)
MS-540H	STD,1 Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973) Contents: (3)MB-2035H (1)MB-2036H(F) (1)MB-2559H	MS-667HX	STD GM: 421 CID (1963-1966), 428 CID (1967-1969), 455 CID (1970-1976) Contents: (3)MB-2215HX (1)MB-2216HX(F) (1)MB-2217HX	MS-829VX	STD GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (4)MB-2403VX (1)MB-2404VX(F)
MS-540HK	STD,1 Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973) Contents: (3)MB-2035H (1)MB-2036H(F) (1)MB-2559H	MS-704P	STD,10,20,30,40 Jeep: 242 CID (1990), 258 CID (1990) Contents: (6)MB-2263P (1)MB-2264P(F)	MS-876P	STD,10,20,40 Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1961-1971), 400 CID (1971-1978) Contents: (4)MB-2065P (1)MB-2456P(F)



NUMERICAL LISTING OF MAIN BEARING SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-896P	STD Chrysler: 383 CID (1959,1960), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973) Contents: (4)MB-2219P (1)MB-2495P(F)	MS-963V	STD Chrysler: 273 CID (1964-1969), 318 CID (1957-2003), 340 CID (1968-1973), CID (1986,1986-1988); Jeep: 318 CID (1993-1998) Contents: (1)MB-2036V(F) (3)MB-2283V (1)MB-2559V	MS-1041P	STD,10,20,30 Jeep: 360 CID (1990,1991) Contents: (1)MB-2578P(F) (4)MB-2579P
MS-909A	STD,10,20,30 GM: 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003); Hummer: 350 CID (1995,1996) Contents: (4)MB-2508A (1)MB-2509A(F)	MS-972M	STD Chrysler: 383 CID (1959,1960), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973) Contents: (4)MB-2543M (1)MB-2544M(F)	MS-1051P	STD,10,20 Chrysler: 360 CID (1971-1973) Contents: (3)MB-2590P (1)MB-2591P(F) (1)MB-2592P
MS-909H	STD,1,9,10,11,19,20,21,30 GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (4)MB-2508H (1)MB-2509H(F)	MS-979A	STD,10,20,30 Ford: 300 CID (1990-1996) Contents: (6)MB-2553A (1)MB-2554A(F)	MS-1110H	STD,1,10 GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (1)MB-1769H(F) (4)MB-2650H (1)MB-2651C
MS-909HG	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (4)MB-2508HG (1)MB-2509HG(F)	MS-979P	STD,10,20,30,40 Ford: 300 CID (1990-1996) Contents: (6)MB-2553P (1)MB-2554P(F)	MS-1110HK	STD,1,10 GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (1)MB-1769H(F) (4)MB-2650H (1)MB-2651C
MS-909HK	STD,1,10 GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (4)MB-2508H (1)MB-2509H(F)	MS-981H	STD,10 Ford: 351 CID (1969-1976), 400 CID (1971-1976) Contents: (4)MB-2557H (1)MB-2558H(F)	MS-1110HX	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (1)MB-1769HX(F) (4)MB-2650HX (1)MB-2651C
MS-909HX	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (4)MB-2508HX (1)MB-2509HX(F)	MS-1010H	STD,1,10 Ford: 351 CID (1970-1974) Contents: (4)MB-2560H (1)MB-2561H(F)	MS-1110HXK	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (1)MB-1769HX(F) (4)MB-2650HX (1)MB-2651C
MS-909HXK	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (4)MB-2508HX (1)MB-2509HX(F)	MS-1010HK	STD Ford: 351 CID (1970-1974) Contents: (4)MB-2560H (1)MB-2561H(F)	MS-1117P	STD, .25mm, .50mm Ford: 140 CID (1990-1997) Contents: (4)MB-2612P (1)MB-2613P(F)
MS-909P	STD,1,2,10,20,30,40, C60 GM: 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003); Hummer: 350 CID (1995,1996) Contents: (4)MB-2508P (1)MB-2509P(F)	MS-1010HX	STD Ford: 351 CID (1970-1974) Contents: (4)MB-2560HX (1)MB-2561HX(F)	MS-1266A	STD,10,20,30 Chrysler: 360 CID (1990-2003); Jeep: 360 CID (1998) Contents: (3)MB-2622A (1)MB-2623A(F) (1)MB-2624A
MS-909V	STD,10 GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002) Contents: (4)MB-2508V (1)MB-2509V(F)	MS-1038H	STD,1,9,10,11,19,20,21 GM: 400 CID (1970-1980) Contents: (4)MB-2562H (1)MB-2563H(F)	MS-1266HG	STD,1,9,10,11 Chrysler: 360 CID (1974-2003); Jeep: 360 CID (1998) Contents: (3)MB-2622H (1)MB-2623H(F) (1)MB-2624H
MS-960P	STD,10,20,30 GM: 204 CID (1990), 231 CID (1990) Contents: (2)MB-2433P (1)MB-2434P(F) (1)MB-2491P	MS-1038HG	STD GM: 400 CID (1970-1980) Contents: (4)MB-2562HG (1)MB-2563HG(F)	MS-1266Gx	STD Chrysler: 360 CID (1974-2003); Jeep: 360 CID (1998) Contents: (3)MB-2622HX (1)MB-2623HX(F) (1)MB-2624HX
		MS-1038HK	STD,1,10 GM: 400 CID (1970-1980) Contents: (4)MB-2562H (1)MB-2563H(F)	MS-1266P	STD,10,20,30 Chrysler: 360 CID (1990-2003); Jeep: 360 CID (1998) Contents: (3)MB-2622P (1)MB-2623P(F) (1)MB-2624P
		MS-1038HX	STD GM: 400 CID (1970-1980) Contents: (4)MB-2562HX (1)MB-2563HX(F)		
		MS-1038HXK	STD GM: 400 CID (1970-1980) Contents: (4)MB-2562HX (1)MB-2563HX(F)		
		MS-1039MX	STD Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998) Contents: (4)MB-2564MX (1)MB-2565MX(F)		
		MS-1039P	STD,1,10,20,30,40 Ford: 370 CID (1990,1991), 460 CID (1990-1998) Contents: (4)MB-2564P (1)MB-2565P(F)		
		MS-1039V	STD,10 Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998) Contents: (4)MB-2564V (1)MB-2565V(F)		



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-1277HG	STD Chrysler: 440 CID (1974-1979) Contents: (4)MB-2067HG (1)MB-2625HG(F)	MS-1571AL	STD,.25mm Subaru: 1781 CC (1990-1994) Contents: (2)MB-2889AL (1)MB-2890AL(F)	MS-1714AL	STD,.25mm,.50mm Toyota: 1998 CC (1990-2000), 2164 CC (1990-2001) Contents: (4)MB-3200AL (1)MB-3201AL
MS-1344A	STD,10,20,30 Chrysler: 318 CID (1990-2003); Jeep: 318 CID (1993-1998) Contents: (3)MB-2283A (1)MB-2559A (1)MB-2620A(F)	MS-1590P	STD,.25mm,.50mm .75mm Toyota: 2366 CC (1990-1995) Contents: (5)MB-2925P	MS-1715AL	STD,.25mm,.50mm Toyota: 2237 CC (1990) Contents: (5)MB-3207AL
MS-1344P	STD,10,20 Chrysler: 318 CID (1990-2003); Jeep: 318 CID (1993-1998) Contents: (3)MB-2283P (1)MB-2559P (1)MB-2620P(F)	MS-1596P	STD,10,20,30 Ford: 445 CID (1990-1994) Contents: (4)MB-2934P (1)MB-2935P(F)	MS-1717P	STD,.25mm,.50mm .75mm Chrysler: 359 CID (1990-2002) Contents: (1)MB-3109P(F) (6)MB-3110P
MS-1344V	STD Chrysler: 318 CID (1974-2003), CID (1986,1986-1988); Jeep: 318 CID (1993-1998) Contents: (3)MB-2283V (1)MB-2559V (1)MB-2620V(F)	MS-1643P	STD,10,20 GM: 151 CID (1990,1991) Contents: (1)MB-3011P(F) (4)MB-3135P	MS-1732M	STD GM: 366 CID (1966-1967-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969-1998), 454 CID (1970-2000) Contents: (1)MB-2404P(F) (4)MB-3111M
MS-1432A	STD,10,20,30 Ford: 351 CID (1990-1998) Contents: (1)MB-2558A(F) (4)MB-2754A	MS-1668P	STD,.25mm Chrysler: 90 CID (1990-1996); Hyundai: 1468 CC (1990-1994); Mitsubishi: 1468 CC (1990-2002) Contents: (4)MB-3049P (1)MB-3050P(F)	MS-1733A	STD,10,20,30 GM: 151 CID (1990-1993) Contents: (1)MB-2588A(F) (4)MB-3135A
MS-1432H	STD,1,9,10,11 Ford: 351 CID (1977-1998), 400 CID (1977-1982) Contents: (1)MB-2558H(F) (4)MB-2754H	MS-1701P	STD,10,20 Chrysler: 239 CID (1990-2003) Contents: (2)MB-2283P (1)MB-2559P (1)MB-2620P(F)	MS-1733P	STD,10,20,30,40 GM: 151 CID (1990-1993) Contents: (1)MB-2588P(F) (4)MB-3135P
MS-1432HK	STD,10 Ford: 351 CID (1977-1998), 400 CID (1977-1982) Contents: (1)MB-2558H(F) (4)MB-2754H	MS-1702A	STD,.25mm,.50mm .75mm Ford: 183 CID (1990-2008); Mazda: 183 CID (1994-2007) Contents: (2)MB-3093A (1)MB-3094A(F) (1)MB-3095A	MS-1743P	STD,.25mm,.50mm Ford: 140 CID (1990-1997), 153 CID (1998-2001); Mazda: 140 CID (1994-1997), 2492 CC (1998-2001) Contents: (1)MB-3130P(F) (4)MB-3137P
MS-1432HX	STD Ford: 351 CID (1977-1998), 400 CID (1977-1982) Contents: (1)MB-2558HX(F) (4)MB-2754HX	MS-1702P	STD,.25mm,.50mm Ford: 183 CID (1990-2008); Mazda: 183 CID (1994-2007) Contents: (2)MB-3093P (1)MB-3094P(F) (1)MB-3095P	MS-1744P-10 20	GM: 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003); Hummer: 350 CID (1995,1996) Contents: (4)MB-2508P (1)MB-3119P(F)
MS-1432HXX	STD Ford: 351 CID (1977-1998), 400 CID (1977-1982) Contents: (1)MB-2558HXX(F) (4)MB-2754HXX	MS-1703P	STD,.25mm,.50mm GM: 138 CID (1990-1995) Contents: (4)MB-3084P (1)MB-3085P(F)	MS-1752P	STD,.25mm,.50mm GM: 239 CID (1990,1991) Contents: (4)MB-3148P (1)MB-3149P
MS-1432P	STD,10,20,30,40 Ford: 351 CID (1990-1998) Contents: (1)MB-2558P(F) (4)MB-2754P	MS-1704A	STD,10,20,30 GM: 134 CID (1990-1997); Isuzu: 2189 CC (1996,1997) Contents: (4)MB-2854A (1)MB-2883A(F)	MS-1774P	STD,.25mm,.50mm Toyota: 2954 CC (1990-1992) Contents: (1)MB-3198P (6)MB-3199P
MS-1454A	STD,10,20,30 GM: 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000) Contents: (3)MB-2508A (1)MB-2509A(F)	MS-1704P	STD,10,20,30 GM: 134 CID (1990-1997); Isuzu: 2189 CC (1996,1997) Contents: (4)MB-2854P (1)MB-2883P(F)	MS-1775P	STD,.25mm,.50mm .75mm Isuzu: 2254 CC (1990-1995) Contents: (5)MB-3061P
MS-1454P	STD,1,10,20,30,40 GM: 200 CID (1978,1979), 229 CID (1980-1984), 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000) Contents: (3)MB-2508P (1)MB-2509P(F)	MS-1705P	GM: 273 CID (1990-1992), 300 CID (1991-1995) Contents: (1)MB-2960P (2)MB-2961P (1)MB-2962P(F) (1)MB-3103P	MS-1777P	STD,.25mm,.50mm Toyota: 3956 CC (1990-1992) Contents: (1)MB-2747G (1)MB-2748G (1)MB-3195P (1)MB-3196P
MS-1533P	STD,.25mm,.50mm Chrysler: 135 CID (1990-1994), 153 CID (1990-1995) Contents: (4)MB-2863P (1)MB-2864P(F)	MS-1706A	STD,.25mm,.50mm .75mm Ford: 116 CID (1990-1996), 122 CID (1997-2004) Contents: (4)MB-3073A (1)MB-3074A(F)	MS-1779AL	STD,.25mm,.50mm GM: 79 CID (1992-2001); Suzuki: 1298 CC (1990-1995) Contents: (5)MB-3172AL
MS-1564P	STD GM: 400 CID (1970-1980) Contents: (1)MB-2548P(F) (4)MB-2604P (1)MB-2878C	MS-1706P	STD,.25mm Ford: 116 CID (1990-1996), 122 CID (1997-2004) Contents: (4)MB-3073P (1)MB-3074P(F)	MS-1795M	STD Chrysler: 426 CID (1963-1971) Contents: (4)MB-3248M (1)MB-3249M(F)
MS-1568P	STD,10,20,30 Jeep: 150 CID (1990) Contents: (4)MB-2263P (1)MB-2264P(F)	MS-1708AL	STD,.25mm,.50mm GM: 61 CID (1990-2001) Contents: (4)MB-3172AL	MS-1795V	STD,10 Chrysler: 426 CID (1963-1971) Contents: (4)MB-3248V (1)MB-3249V(F)



NUMERICAL LISTING OF MAIN BEARING SETS

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-1802AL	STD.,25mm,.50mm .75mm Ford: 81 CID (1990-1997), 98 CID (1991-1994), 112 CID (1991-1996); Kia: 1597 CC (1994-1997), 1839 CC (1995-1997); Mazda: 1489 CC (1995-1998), 1597 CC (1990-1996), 1839 CC (1990-1997-2005) Contents: (5)MB-3173AL	MS-1948P	STD,10,20 Chrysler: 150 CID (1996-2002); Jeep: 150 CID (1991-2002) Contents: (4)MB-3337P (1)MB-3338P(F)	MS-2007P	STD.,25mm,.50mm .75mm Ford: 281 CID (1993-2010) Contents: (4)MB-3139P (1)MB-3139W (1)MB-3140P(F)
MS-1803AL	STD.,25mm,.50mm .75mm Ford: 134 CID (1990-1992) Contents: (4)MB-3174AL (1)MB-3175AL(F)	MS-1949P	STD.,25mm,.50mm Nissan: 2389 CC (1990-2004) Contents: (4)MB-3341P (1)MB-3342P(F)	MS-2009P	STD.,25mm Saturn: 116 CID (1991-2002) Contents: (4)MB-3468P (1)MB-3469P(F)
MS-1804P	STD.,25mm,.50mm Acura: 1590 CC (1997-2000); Honda: 1590 CC (1990-2000), 1958 CC (1990,1991), 2056 CC (1990,1991), 2157 CC (1998-2001) Contents: (5)MB-3176P	MS-1950P	STD.,25mm Nissan: 1597 CC (1990-1999) Contents: (5)MB-3343P	MS-2011P	STD.,25mm,.50mm Toyota: 2958 CC (1990-1995) Contents: (3)MB-3350P (1)MB-3472P
MS-1806AL	STD.,25mm,.50mm Honda: 1493 CC (1990-1995) Contents: (5)MB-3178AL	MS-1951P	STD.,25mm,.50mm Ford: 2960 CC (1993-1998), 3275 CC (1999-2002); Infiniti: 2960 CC (1990-1997), 3275 CC (1997,1998); Nissan: 2960 CC (1990-1998), 3275 CC (1996-2004) Contents: (1)MB-3344P (2)MB-3345P (1)MB-3346P(F)	MS-2012P	STD.,25mm,.50mm Acura: 2156 CC (1997); Honda: 2156 CC (1990-1997), 2157 CC (1993-1997), 2259 CC (1992-1996); Isuzu: 2156 CC (1996,1997) Contents: (5)MB-3474P
MS-1812A	STD.,25mm,.50mm .75mm Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008) Contents: (3)MB-3187A (1)MB-3188A(F)	MS-1952P	STD.,25mm,.50mm Mazda: 2954 CC (1990-1998) Contents: (4)MB-3347P	MS-2013P	STD Lexus: 3969 CC (1990-2000) Contents: (2)MB-3475P (3)MB-3476P
MS-1812P	STD.,25mm,.50mm Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008) Contents: (3)MB-3187P (1)MB-3188P(F)	MS-1953AL	STD.,25mm,.50mm Toyota: 1456 CC (1990-1994), 1497 CC (1992-1999) Contents: (5)MB-3348AL	MS-2014AL	STD.,25mm Lexus: 2997 CC (1992-2005); Toyota: 2997 CC (1993-1998) Contents: (1)MB-3477AL (6)MB-3550AL
MS-1820AL	STD.,25mm GM: 97 CID (1990-2002); Suzuki: 1590 CC (1990-2001) Contents: (5)MB-3209AL	MS-1954P	STD.,25mm,.50mm Lexus: 2507 CC (1990,1991), 2959 CC (1992,1993); Toyota: 2507 CC (1990,1991), 2959 CC (1992,1993) Contents: (1)MB-3349P (3)MB-3350P	MS-2015P	STD.,25mm Infiniti: 1998 CC (1991-1996-2002); Nissan: 1998 CC (1991-1998) Contents: (5)MB-3478P
MS-1821AL	STD.,25mm,.50mm Honda: 2559 CC (1994-1996); Isuzu: 2559 CC (1990-1997) Contents: (5)MB-3210AL	MS-2003P	STD.,25mm,.50mm Subaru: 1189 CC (1990-1994) Contents: (3)MB-3459P (1)MB-3460P(F)	MS-2021P	STD,10,20,30 GM: 231 CID (1994) Contents: (2)MB-3213P (1)MB-3214P(F) (1)MB-3494P
MS-1822P	STD,10,20 GM: 204 CID (1991-1993), 231 CID (1990-1993) Contents: (2)MB-3213P (1)MB-3214P(F) (1)MB-3215P	MS-2006A	STD,10,20,30 Ford: 177 CID (1990-1992), 245 CID (1990-2010); Mazda: 4016 CC (1991-2008) Contents: (3)MB-3202A (1)MB-3467A(F)	MS-2022A	STD,10,20,30 GM: 231 CID (1995-2009) Contents: (1)MB-3213A (1)MB-3214A(F) (1)MB-3494A (1)MB-3495A
MS-1946A	STD.,25mm,.50mm .75mm Chrysler: 201 CID (1990-2010), 230 CID (1991-2008), 231 CID (2009,2010); Jeep: 231 CID (2007-2010) Contents: (1)MB-3107A(F) (3)MB-3340A	MS-2006P	STD,10,20 Ford: 177 CID (1990-1992), 245 CID (1990-2010); Mazda: 4016 CC (1991-2008) Contents: (3)MB-3202P (1)MB-3467P(F)	MS-2022P	STD,10,20,30 GM: 231 CID (1995-2009) Contents: (1)MB-3213P (1)MB-3214P(F) (1)MB-3494P (1)MB-3495P
MS-1946P	STD.,25mm Chrysler: 201 CID (1990-2010), 230 CID (1991-2008), 231 CID (2009,2010); Jeep: 231 CID (2007-2010) Contents: (1)MB-3107P(F) (3)MB-3340P	MS-2007A	STD.,25mm,.50mm .75mm Ford: 281 CID (1993-2010) Contents: (4)MB-3139A (1)MB-3139W (1)MB-3140A(F)	MS-2028A	STD.,25mm,.50mm Chrysler: 122 CID (1995-2005); Mitsubishi: 1996 CC (1995-1999) Contents: (1)MB-4000A(F) (4)MB-4001A
MS-1947A	STD,10,20,30 Jeep: 242 CID (1991-2006) Contents: (6)MB-3337A (1)MB-3338A(F)	MS-2007H	STD,026mm,.25mm Ford: 281 CID (1993-2010) Contents: (4)MB-3139H (1)MB-3139W (1)MB-3140H(F)	MS-2028P	STD.,25mm,.50mm Chrysler: 122 CID (1995-2005); Mitsubishi: 1996 CC (1995-1999) Contents: (1)MB-4000P(F) (4)MB-4001P
MS-1947P	STD,10,20 Jeep: 242 CID (1991-2006) Contents: (6)MB-3337P (1)MB-3338P(F)	MS-2007HK	STD.,25mm Ford: 281 CID (1993-2010) Contents: (4)MB-3139H (1)MB-3139W (1)MB-3140H(F)	MS-2034P	STD,10,20,30 Ford: 445 CID (1994-2003) Contents: (4)MB-3497P (1)MB-3498P(F)
MS-1948A	STD,10,20,30 Chrysler: 150 CID (1996-2002); Jeep: 150 CID (1991-2002) Contents: (4)MB-3337A (1)MB-3338A(F)	MS-2007HX	STD Ford: 281 CID (1993-2010) Contents: (4)MB-3139HX (1)MB-3139W (1)MB-3140HX(F)	MS-2035AL	STD.,25mm Mazda: 2606 CC (1990-1994) Contents: (4)MB-3502AL (1)MB-3503AL(F)
		MS-2007HXK	STD Ford: 281 CID (1993-2010) Contents: (4)MB-3139HX (1)MB-3139W (1)MB-3140HX(F)	MS-2037A	STD.,25mm,.50mm .75mm GM: 173 CID (1990-1993), 189 CID (1990-2005), 207 CID (1991-2005); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994) Contents: (2)MB-3511A (1)MB-3512A (1)MB-3513A(F)



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-2037P	STD.,25mm.,50mm .75mm GM: 173 CID (1990-1993), 189 CID (1990-2005), 207 CID (1991-2005); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994) Contents: (2)MB-3511P (1)MB-3512P (1)MB-3513P(F)	MS-2074P-.25mm .50mm Ford: 2960 CC (1993-1998), 3275 CC (1999-2002); Infiniti: 2960 CC (1990-1997), 3275 CC (1997,1998); Nissan: 2960 CC (1990-1998), 3275 CC (1996-2004) Contents: (1)MB-2995P (2)MB-2996P (1)MB-3570P(F)	MS-2199A	STD,10,20,30 GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008,2009); Isuzu: 5328 CC (2003-2006); Saab: 364 CID (2008), 5328 CC (2005-2009) Contents: (4)MB-3591A (1)MB-3592A(F)	
MS-2039H	STD.,026mm.,25mm Chrysler: 122 CID (1992-1998), 144 CID (1992-1996); Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-1997) Contents: (4)MB-3504H (2)MB-3505H(F)	MS-2076P	STD.,25mm.,50mm Chrysler: 98 CID (1990), 107 CID (1990-1994), 122 CID (1990-1992), 144 CID (1990-1992); Hyundai: 1595 CC (1992-1995), 1597 CC (1990), 2351 CC (1990,1991); Kia: 2351 CC (2001-2006); Mitsubishi: 1595 CC (1990-1992), 1755 CC (1990-1994), 1997 CC (1990-1992) Contents: (4)MB-2869P (1)MB-3572P(F)	MS-2199H	STD,1,10 GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010) Contents: (4)MB-3591H (1)MB-3592H(F)
MS-2039HX	STD Chrysler: 122 CID (1992-1998), 144 CID (1992-1996); Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-1997) Contents: (4)MB-3504HX (2)MB-3505HX(F)	MS-2080P-.25mm .50mm Nissan: 2389 CC (1990-2004) Contents: (4)MB-3341P (1)MB-3576P(F)	MS-2199HK	STD,10 GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010) Contents: (4)MB-3591H (1)MB-3592H(F)	
MS-2039P	STD.,25mm.,50mm Chrysler: 122 CID (1992-1998), 144 CID (1992-1996); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998); Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-1997) Contents: (4)MB-3504P (1)MB-3505P(F)	MS-2091P	STD.,026mm.,25mm .50mm.,.75mm GM: 379 CID (1990-1993), 395 CID (1992-2002); Hummer: 379 CID (1992-1994), 395 CID (1994-2005) Contents: (3)MB-3587P (1)MB-3588P(F) (1)MB-3589P	MS-2199HX	STD GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010) Contents: (4)MB-3591HX (1)MB-3592HX(F)
MS-2056A	STD.,25mm.,50mm .75mm GM: 146 CID (1996-2002) Contents: (4)MB-3514A (1)MB-3515A(F)	MS-2095P	STD.,25mm.,50mm Acura: 1678 CC (1992,1993), 1797 CC (1994-2001), 1834 CC (1990-2001); Honda: 1595 CC (1994-1997,2000), 1972 CC (1997-2001) Contents: (5)MB-3760P	MS-2199HXX	STD GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010) Contents: (4)MB-3591HX (1)MB-3592HX(F)
MS-2056P	STD.,25mm.,50mm .75mm GM: 146 CID (1996-2002) Contents: (4)MB-3514P (1)MB-3515P(F)	MS-2198AL	STD.,25mm.,50mm Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3772AL (1)MB-3773AL(F)	MS-2199P	STD,10,20,30 GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008,2009); Isuzu: 5328 CC (2003-2006); Saab: 364 CID (2008), 5328 CC (2005-2009) Contents: (4)MB-3591P (1)MB-3592P(F)
MS-2057AL	STD.,25mm.,50mm Ford: 122 CID (1993-1997); Mazda: 1991 CC (1993-2003) Contents: (5)MB-3544AL	MS-2198H	STD.,026mm.,25mm Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3772H (1)MB-3773H(F)	MS-2200P	STD,10,20 Chrysler: 488 CID (1994-2003) Contents: (2)MB-3506P (3)MB-3507P (1)MB-3508P(F)
MS-2058AL	STD.,25mm Ford: 152 CID (1993-1997); Mazda: 2254 CC (1995-2002), 2497 CC (1993-1998) Contents: (3)MB-3545AL (1)MB-3546AL	MS-2198HK	STD.,25mm Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3772H (1)MB-3773H(F)	MS-2201A	STD.,25mm.,50mm Chrysler: 148 CID (1995-2008); Jeep: 148 CID (2002-2006) Contents: (4)MB-3594A (1)MB-3595A(F)
MS-2061AL	STD.,25mm.,50mm .75mm Lexus: 4476 CC (1996,1997); Toyota: 4476 CC (1993-1997) Contents: (7)MB-3551AL	MS-2198HX	STD Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3772HX (1)MB-3773HX(F)	MS-2201H	STD.,25mm Chrysler: 148 CID (1995-2008) Contents: (4)MB-3594H (1)MB-3595H(F)
MS-2062AL	STD.,25mm.,50mm Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999) Contents: (2)MB-3552ALA (2)MB-3552ALB (1)MB-3553AL(F)	MS-2198HXX	STD Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3772HX (1)MB-3773HX(F)	MS-2201P	STD.,25mm.,50mm Chrysler: 148 CID (1995-2008); Jeep: 148 CID (2002-2006) Contents: (4)MB-3594P (1)MB-3595P(F)
MS-2067V	STD Chrysler: 426 CID (1963-1971) Contents: (5)MB-3564V	MS-2068P	STD.,25mm.,50mm GM: 122 CID (1990-1994) Contents: (4)MB-2791P (1)MB-3565P(F)	MS-2202A	STD.,25mm.,50mm .75mm Ford: 281 CID (1993-2010), 330 CID (1997-2010) Contents: (4)MB-3139A (1)MB-3139W (1)MB-3752A
MS-2070P-.25mm	Audi: 1984 CC (1990,1991); Volkswagen: 1588 CC (1990-1992), 1780 CC (1990-1993), 1781 CC (1990-1992), 1984 CC (1990-2002) Contents: (1)MB-3567P(F) (4)MB-692AL			MS-2202H	STD.,026mm.,25mm Ford: 281 CID (1993-2010), 330 CID (1997-2010) Contents: (4)MB-3139H (1)MB-3139W (1)MB-3752H



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-2202HX	STD Ford: 281 CID (1993-2010), 330 CID (1997-2010) Contents: (4)MB-3139HX (1)MB-3139W (1)MB-3752HX	MS-2208A	STD, .25mm, .50mm .75mm Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004) Contents: (4)MB-3753A (1)MB-3754A(F)	MS-2218HX	STD GM: 403 CID (2001-2009) Contents: (5)MB-3776HX
MS-2202P	STD, .25mm, .50mm .75mm Ford: 281 CID (1993-2010), 330 CID (1997-2010) Contents: (4)MB-3139P (1)MB-3139W (1)MB-3752P	MS-2208H	STD, .026mm, .25mm .75mm Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004) Contents: (4)MB-3753H (1)MB-3754H(F)	MS-2218P	STD, .25mm, .50mm GM: 403 CID (2001-2009); Hummer: 403 CID (2006) Contents: (5)MB-3776P
MS-2203A	STD, .25mm, .50mm .75mm Ford: 415 CID (1997-2009) Contents: (5)MB-3139A (1)MB-3139W (1)MB-3752A	MS-2208HX	STD Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004) Contents: (4)MB-3753HX (1)MB-3754HX(F)	MS-2220A	STD, .25mm, .50mm Chrysler: 345 CID (2003-2010); Jeep: 345 CID (2005-2010) Contents: (5)MB-3780A
MS-2203H	STD, .026mm, .25mm Ford: 415 CID (1997-2009) Contents: (5)MB-3139H (3)MB-3139W (1)MB-3752H	MS-2208P	STD, .25mm, .50mm .75mm Ford: 122 CID (1995-2004); Mazda: 1989 CC (2001-2004) Contents: (4)MB-3753P (1)MB-3754P(F)	MS-2220H	STD, .026mm, .23mm .25mm, .28mm Chrysler: 345 CID (2003-2010), 370 CID (2005-2010) Contents: (5)MB-3780H
MS-2203HX	STD Ford: 415 CID (1997-2009) Contents: (5)MB-3139HX (1)MB-3139W (1)MB-3752HX	MS-2209A	STD, .25mm, .50mm .75mm Chrysler: 167 CID (1998-2009) Contents: (4)MB-3596A	MS-2220HX	STD Chrysler: 345 CID (2003-2010), 370 CID (2005-2010); Jeep: 370 CID (2006-2010) Contents: (5)MB-3780HX
MS-2203P	STD, .25mm, .50mm .75mm Ford: 415 CID (1997-2009) Contents: (5)MB-3139P (1)MB-3139W (1)MB-3752P	MS-2209P	STD, .25mm, .50mm .75mm Chrysler: 167 CID (1998-2009) Contents: (4)MB-3596P	MS-2220P	STD, .25mm, .50mm Chrysler: 345 CID (2003-2010), 370 CID (2005-2010); Jeep: 345 CID (2005-2010), 370 CID (2006-2010) Contents: (5)MB-3780P
MS-2204P	STD, .25mm, .50mm .75mm Ford: 281 CID (1991, 1992) Contents: (4)MB-3139P (1)MB-3139W (1)MB-3755P(F)	MS-2210P	STD, .25mm, .50mm Chrysler: 197 CID (1998-2001), 215 CID (1999-2010) Contents: (4)MB-3597P	MS-2221V	STD Custom Performance Contents: (1)MB-2620V(F) (4)MB-3785V
MS-2205A	STD, 10, 20, 30 GM: 134 CID (1998-2003); Isuzu: 2189 CC (1998-2000) Contents: (3)MB-2854A (1)MB-2883A(F) (1)MB-3749A	MS-2211AL	STD, .25mm, .50mm .75mm GM: 98 CID (1990-1997), 108 CID (1993-1997); Toyota: 1587 CC (1990-1997), 1762 CC (1993-1997) Contents: (5)MB-3764AL	MS-2223P	STD, .25mm, .50mm .75mm Ford: 363 CID (2003-2010) Contents: (4)MB-3787P (1)MB-3788P(F)
MS-2205P	STD, 10, 20, 30 GM: 134 CID (1998-2003); Isuzu: 2189 CC (1998-2000) Contents: (3)MB-2854P (1)MB-2883P(F) (1)MB-3749P	MS-2212AL	STD, .25mm, .50mm Toyota: 2438 CC (1995-2001), 2694 CC (1994-2001) Contents: (2)MB-3765AL (2)MB-3766AL (1)MB-3770AL	MS-2224AL	STD, 10, 20, 30 GM: 254 CID (2002-2009); Isuzu: 254 CID (2003-2008); Saab: 254 CID (2005-2009) Contents: (6)MB-3781A (1)MB-3782A(F)
MS-2206P	STD, .25mm, .50mm .75mm GM: 244 CID (1995-1999-2003), 281 CID (1993-2003) Contents: (4)MB-3758P (1)MB-3759P(F)	MS-2213AL	STD, .25mm Chrysler: 112 CID (1992-1996); Mitsubishi: 1834 CC (1992-2002) Contents: (5)MB-3767AL	MS-2226P	STD, .25mm, .50mm Chrysler: 181 CID (1990-2005); Hyundai: 2972 CC (1990-1998); Mitsubishi: 2972 CC (1990-2005) Contents: (4)MB-3791P
MS-2207A	STD, .25mm, .50mm .75mm Ford: 155 CID (1995-2002), 181 CID (1996-2006); Jaguar: 181 CID (2000-2008); Mazda: 181 CID (2001-2006) Contents: (3)MB-3750A (1)MB-3751A(F)	MS-2215P-10 20	20 GM: 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000) Contents: (3)MB-2508P (1)MB-3119P(F)	MS-2227AL	STD, .25mm, .50mm Audi: 1781 CC (1997-2001); Volkswagen: 1781 CC (1998-2005), 1896 CC (1993-2006) Contents: (4)MB-3792AL (1)MB-3793AL
MS-2207P	STD, .25mm, .50mm Ford: 155 CID (1995-2002), 181 CID (1996-2006); Jaguar: 181 CID (2000-2008); Mazda: 181 CID (2001-2006) Contents: (3)MB-3750P (1)MB-3751P(F)	MS-2216A	STD, .25mm, .50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006, 2007) Contents: (5)MB-3771A	MS-2228P	STD Audi: 2771 CC (1998, 1999); Volkswagen: 2771 CC (1998, 1999) Contents: (4)MB-3795P
		MS-2216P	STD, .25mm, .50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006, 2007) Contents: (5)MB-3771P	MS-2229AL	STD, .25mm Volkswagen: 2792 CC (1992-2002) Contents: (7)MB-3797AL
		MS-2218H	STD, .026mm, .25mm GM: 403 CID (2001-2009) Contents: (5)MB-3776H	MS-2232AL	STD, 10, 20, 30 GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010); Saturn: 122 CID (2004-2009), 134 CID (2000-2007), 145 CID (2006-2009) Contents: (4)MB-3824AL (1)MB-3825AL(F)
				MS-2233HG	STD, 10 Chrysler: 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973) Contents: (1)MB-2457HG(F) (4)MB-3789HG



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-2234P	STD, .25mm Hyundai: 1495 CC (1994-2002) Contents: (4)MB-3803P (1)MB-3804P(F)	MS-2248P	STD, .25mm, .50mm Chrysler: 165 CID (2003-2006); Freightliner: 165 CID (2002-2006) Contents: (6)MB-3826P	MS-2260V	STD, 1 Custom Performance Contents: (5)MB-1808V
MS-2235AL	STD, 10, 20 GM: 496 CID (2001-2007) Contents: (4)MB-3774AL (1)MB-3775AL(F)	MS-2249AL	STD, 10, 20, 30 GM: 169 CID (2004-2006), 178 CID (2007-2010); Isuzu: 2770 CC (2006), 2921 CC (2007, 2008) Contents: (4)MB-3781A (1)MB-3782A(F)	MS-2260VG	STD, 1 Custom Performance Contents: (5)MB-1808VG
MS-2236P	STD, .25mm, .50mm Acura: 3165 CC (1996, 1997); Honda: 3165 CC (1994-2002); Isuzu: 3165 CC (1992-2004), 3494 CC (1998-2004) Contents: (2)MB-3805P (2)MB-3806P	MS-2250AL	STD, 10, 20, 30 GM: 211 CID (2004-2006), 223 CID (2007-2010); Hummer: 211 CID (2006), 223 CID (2007-2010); Isuzu: 3460 CC (2006), 3654 CC (2007, 2008) Contents: (5)MB-3781A (1)MB-3782A(F)	MS-2260VGX	STD Custom Performance Contents: (5)MB-1808VGX
MS-2237P	STD, .25mm Mazda: 1844 CC (1992-1994) Contents: (3)MB-3808P (1)MB-3809P	MS-2253H	STD, 1, 10 Chrysler: 488 CID (1992-2002) Contents: (5)MB-4002H (1)MB-4003H(F)	MS-2260VX	STD Custom Performance Contents: (5)MB-1808VX
MS-2238P	STD, .25mm, .50mm Mitsubishi: 3497 CC (1994-2004) Contents: (4)MB-3811P	MS-2253HX	STD Chrysler: 488 CID (1992-2002) Contents: (5)MB-4002HX (1)MB-4003HX(F)	MS-2261H	STD, .026mm, .25mm Chrysler: 144 CID (2001-2005); Mitsubishi: 1997 CC (1997-1999), 2351 CC (1997-2005) Contents: (5)MB-3504H
MS-2239P	STD, .25mm Chrysler: 152 CID (1995-2000); Mitsubishi: 2497 CC (1995) Contents: (4)MB-3813P	MS-2256H	STD, 1, 10 Ford: 351 CID (1969-1998) Contents: (5)MB-3830H	MS-2261HX	STD Chrysler: 144 CID (2001-2005); Mitsubishi: 1997 CC (1997-1999), 2351 CC (1997-2005) Contents: (5)MB-3504HX
MS-2240P	STD, .25mm, .50mm Lexus: 2995 CC (1994-2003); Toyota: 2995 CC (1994-2002) Contents: (2)MB-3814P (2)MB-3815P	MS-2256HX	STD Ford: 351 CID (1969-1998) Contents: (1)MB-3830HX	MS-2261P	STD, .25mm, .50mm Chrysler: 144 CID (2001-2005); Mitsubishi: 1997 CC (1997-1999), 2351 CC (1997-2005) Contents: (5)MB-3504P
MS-2241P	STD, .25mm, .50mm Toyota: 3378 CC (1995-2002) Contents: (1)MB-3817P (3)MB-3818P	MS-2257P	STD, .25mm, .50mm Chrysler: 122 CID (1995-2005); Mitsubishi: 1996 CC (1995-1999) Contents: (1)MB-4000P(F) (4)MB-4001P	MS-2262P	STD, .25mm, .50mm Infiniti: 2988 CC (1996-2001), 3498 CC (2001-2008); Nissan: 2988 CC (1995-2001), 3498 CC (2001-2007) Contents: (4)MB-3891P
MS-2242P	STD, .25mm, .50mm Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006, 2007) Contents: (5)MB-3790P	MS-2258AL	STD, .25mm, .50mm Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999) Contents: (2)MB-3552ALA (2)MB-3552ALB (1)MB-3840AL(F)	MS-2263AL	STD, .25mm, .50mm Nissan: 2500 CC (2002-2006) Contents: (4)MB-3892AL (1)MB-3893AL(F)
MS-2243AL	STD, .25mm, .50mm Scion: 2362 CC (2005-2009); Toyota: 2362 CC (2001-2009) Contents: (2)MB-3819ALU	MS-2259A	STD, .25mm, .50mm Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3841A (1)MB-3842A(F)	MS-2264AL	STD, .25mm, .50mm Honda: 1668 CC (2001-2005) Contents: (5)MB-3894AL
MS-2244A	STD, .25mm, .50mm Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009) Contents: (4)MB-3790A	MS-2259H	STD, .026mm, .25mm Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3841H (1)MB-3842H(F)	MS-2265AL	STD, .25mm, .50mm Acura: 1998 CC (2002-2006); Honda: 1998 CC (2002-2005), 2354 CC (2002-2010) Contents: (5)MB-3895AL
MS-2244P	STD, .25mm, .50mm Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009) Contents: (4)MB-3790P	MS-2259HK	STD, .25mm Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3841H (1)MB-3842H(F)	MS-2266AL	STD, .25mm, .50mm Honda: 1339 CC (2003-2009), 1497 CC (2007-2010) Contents: (5)MB-3896AL
MS-2245AL	STD, .25mm, .50mm Ford: 121 CID (2004-2009), 140 CID (2001-2009); Mazda: 2261 CC (2001-2008) Contents: (4)MB-3822AL (1)MB-3823AL(F)	MS-2259HX	STD Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3841HX (1)MB-3842HX(F)	MS-2267AL	STD, .25mm, .50mm GM: 110 CID (1998-2008); Toyota: 1794 CC (1998-2007) Contents: (5)MB-3897AL
MS-2245H	STD Ford: 121 CID (2004-2009), 140 CID (2001-2009); Mazda: 2261 CC (2003-2008) Contents: (4)MB-3822H (1)MB-3823H(F)	MS-2259HXX	STD Ford: 281 CID (1993-2010) Contents: (1)MB-3139W (4)MB-3841HX (1)MB-3842HX(F)	MS-2268AL	STD, .25mm, .50mm Scion: 1497 CC (2004-2006); Toyota: 1497 CC (2000-2007) Contents: (5)MB-3898AL
MS-2246H	STD, .25mm Chrysler: 148 CID (2003-2007) Contents: (4)MB-3594H (1)MB-3828H(F)	MS-2260H	STD, 1 Custom Performance Contents: (5)MB-1808H	MS-2269P	STD, .25mm, .50mm, .75mm Ford: 391 CID (2008-2010) Contents: (4)MB-3874P (1)MB-3875P(F)
MS-2246P	STD, .25mm, .50mm Chrysler: 148 CID (2003-2007) Contents: (4)MB-3594P (1)MB-3828P(F)	MS-2260HX	STD Custom Performance Contents: (5)MB-1808HX	MS-2270AL	STD, .25mm GM: 181 CID (1997-2001), 197 CID (2003, 2004); Saturn: 181 CID (2000-2005) Contents: (1)MB-3888AL (2)MB-3889AL (1)MB-3890AL(F)



NUMERICAL LISTING OF MAIN BEARING SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
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MS-2272P	STD,.25mm Chrysler: 359 CID (2003-2005) Contents: (6)MB-3110P (1)MB-3786P(F)
MS-2273A	STD,.25mm,.50mm .75mm GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005), 213 CID (2004,2005); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994); Saturn: 213 CID (2005) Contents: (2)MB-3511A (1)MB-3512A (1)MB-3881A(F)
MS-2274A	STD,.25mm,.50mm .75mm GM: 213 CID (2006,2007); Saturn: 213 CID (2006) Contents: (1)MB-3511A (1)MB-3512A (1)MB-3881A(F) (1)MB-3883P
MS-2275A	STD,.25mm,.50mm .75mm GM: 214 CID (2006-2008), 237 CID (2006-2009); Saturn: 214 CID (2007,2008), 237 CID (2006,2007) Contents: (1)MB-3881A(F) (1)MB-3883P (1)MB-3884A (1)MB-3885A
MS-2276A	STD,10,20 GM: 170 CID (2005-2007), 182 CID (2010), 217 CID (2004-2010); Saturn: 217 CID (2007-2010); Suzuki: 3564 CC (2007-2009) Contents: (3)MB-3886A (1)MB-3887A(F)
MS-2279A	STD,.25mm,.50mm Chrysler: 148 CID (1995-2009); Jeep: 148 CID (2002-2006) Contents: (4)MB-3594A (1)MB-3907A(F)
MS-2279H	STD,.25mm Chrysler: 148 CID (1995-2009) Contents: (4)MB-3594H (1)MB-3907H(F)
MS-2279P	STD,.25mm,.50mm Chrysler: 148 CID (1995-2009); Jeep: 148 CID (2002-2006) Contents: (4)MB-3594P (1)MB-3907P(F)
MS-2285A-.25mm .50mm	Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007) Contents: (5)MB-3922A
MS-2286A-.25mm .50mm	Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009) Contents: (4)MB-3922A



NUMERICAL LISTING OF INDIVIDUAL MAIN BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-692AL			MB-1891P	STD,10,20,30	
Volkswagen: 1588 CC (1990-1992), 1780 CC (1990-1993), 1781 CC (1990-1992), 1984 CC (1990-2002); Audi: 1984 CC (1990-1991)		MS-2070P-.25mm	GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979)		MS-496P
MB-1769H(F)	STD,1,10		MB-1917P	STD,10,20,30	
GM: 262 CID (1975-1976), 265 CID (1955-1957,1994-1996), 267 CID (1979-1982), 283 CID (1957-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1962-1969), 350 CID (1967-2002)		MS-429H MS-429HK MS-1110H MS-1110HK	GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979)		MS-496P
MB-1769HX(F)	STD		MB-1918P(F)	STD,10,20,30	
GM: 262 CID (1975-1976), 265 CID (1955-1957,1994-1996), 267 CID (1979-1982), 283 CID (1957-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1962-1969), 350 CID (1967-2002)		MS-429HX MS-429HXK MS-1110HX MS-1110HXK	GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979)		MS-496P
MB-1769V(F)	STD		MB-2035H	STD,1	
GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429V	Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973)		MS-540H MS-540HK
MB-1769VG(F)	STD		MB-2035HX	STD	
GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429VG	Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973)		MS-540HX MS-540HXK
MB-1769VX(F)	STD		MB-2036H(F)	STD,1	
GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429VX	Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973)		MS-540H MS-540HK
MB-1802M	STD		MB-2036HX(F)	STD	
Chrysler: 392 CID (1957-1958)		MS-426M	Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973)		MS-540HX MS-540HXK
MB-1803M(F)	STD		MB-2036V(F)	STD	
Chrysler: 392 CID (1957-1958)		MS-426M	Jeep: 318 CID (1993-1998); Chrysler: 273 CID (1964-1969), 318 CID (1957-2003), 340 CID (1968-1973), CID (1986,1986,1988)		MS-963V
MB-1804M	STD		MB-2065P	STD,10,20,40	
Chrysler: 392 CID (1957-1958)		MS-426M	Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1961-1971), 400 CID (1971-1978)		MS-876P
MB-1808H	STD,1,10		MB-2067HG	STD	
Custom Performance; GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429H MS-429HK MS-2260H	Chrysler: 440 CID (1974-1979)		MS-1277HG
MB-1808HX	STD		MB-2121A	STD,10,20,30	
Custom Performance; GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429HX MS-429HXK MS-2260HX	Ford: 302 CID (1990-2001)		MS-590A
MB-1808V	STD,1		MB-2121H	STD,1,9,10,11	
Custom Performance; GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429V MS-2260V	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MS-590H MS-590HK
MB-1808VG	STD,1		MB-2121HX	STD	
Custom Performance; GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429VG MS-2260VG	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MS-590HX MS-590HXK
MB-1808VGX	STD		MB-2121P	STD,1,10,20,30,40	
Custom Performance		MS-2260VGX	Ford: 302 CID (1990-2001)		MS-590P
MB-1808VX	STD		MB-2121V	STD	
Custom Performance; GM: 265 CID (1955-1957), 283 CID (1957-1967), 302 CID (1967), 327 CID (1962-1967)		MS-429VX MS-2260VX	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MS-590V MS-590VX
MB-1840HX	STD		MB-2121VX	STD	
GM: 348 CID (1958-1961), 409 CID (1961-1965)		MS-458HX	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MS-590VX MS-590VX
MB-1841H(F)	STD,1		MB-2122A(F)	STD,10,20,30	
GM: 348 CID (1958-1961), 409 CID (1961-1965)		MS-458H	Ford: 302 CID (1990-2001)		MS-590A
MB-1841HX(F)	STD		MB-2122H(F)	STD,1,9,10,11	
GM: 348 CID (1958-1961), 409 CID (1961-1965)		MS-458HX	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MS-590H MS-590HK
			MB-2122HX(F)	STD	
			Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MS-590HX MS-590HXK
			MB-2122P(F)	STD,1,10,20,30,40	
			Ford: 302 CID (1990-2001)		MS-590P



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-2122V(F)	STD Ford: 221 CID (1962-1963), 255 CID (1980-1982), MS-590V 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MB-2362H	STD,1,10,20 GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804H 455 CID (1968-1976)	
MB-2122VX(F)	STD Ford: 221 CID (1962-1963), 255 CID (1980-1982), MS-590VX 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001)		MB-2362HX	STD GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804HX 455 CID (1968-1976)	
MB-2163H	STD,1,10,20 GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804H 455 CID (1968-1976)		MB-2363H(F)	STD,1,10,20 GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804H 455 CID (1968-1976)	
MB-2163HX	STD GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804HX 455 CID (1968-1976)		MB-2363HX(F)	STD GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804HX 455 CID (1968-1976)	
MB-2215H	STD,1,10 GM: 421 CID (1963-1966), 428 CID (1967-1969), MS-667H 455 CID (1970-1976)		MB-2364H	STD,1,10,20 GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804H 455 CID (1968-1976)	
MB-2215HX	STD GM: 421 CID (1963-1966), 428 CID (1967-1969), MS-667HX 455 CID (1970-1976)		MB-2364HX	STD GM: 400 CID (1965-1969), 425 CID (1965-1967), MS-804HX 455 CID (1968-1976)	
MB-2216H(F)	STD,1,10 GM: 421 CID (1963-1966), 428 CID (1967-1969), MS-667H 455 CID (1970-1976)		MB-2365P	STD,1,10,20 GM: 307 CID (1990)	MS-805P
MB-2216HX(F)	STD GM: 421 CID (1963-1966), 428 CID (1967-1969), MS-667HX 455 CID (1970-1976)		MB-2403A	STD,10,20,30 GM: 366 CID (1990-1998), 427 CID (1990-1998), MS-829A 454 CID (1990-2000)	
MB-2217H	STD,1,10 GM: 421 CID (1963-1966), 428 CID (1967-1969), MS-667H 455 CID (1970-1976)		MB-2403H	STD,1,9,10,11,19,20,21,30 GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829H (1965-1970), 402 CID (1970-1972), 427 CID MS-829HK (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2217HX	STD GM: 421 CID (1963-1966), 428 CID (1967-1969), MS-667HX 455 CID (1970-1976)		MB-2403HG	STD GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829HG (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2219P	STD Chrysler: 383 CID (1959-1960), 413 CID MS-896P (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973)		MB-2403HX	STD GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829HX (1965-1970), 402 CID (1970-1972), 427 CID MS-829HXX (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2251P	STD,1,10,20 GM: 307 CID (1990)	MS-805P	MB-2403P	STD,1,10,20,30,40 GM: 366 CID (1990-1998), 427 CID (1990-1998), MS-829P 454 CID (1990-2000)	
MB-2252P(F)	STD,1,10,20 GM: 307 CID (1990)	MS-805P	MB-2403V	STD,1,10 GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829V (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2253P	STD,1,10,20 GM: 307 CID (1990)	MS-805P	MB-2403VX	STD GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829VX (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2263P	STD,10,20,30,40 Jeep: 150 CID (1990), 242 CID (1990), 258 CID MS-704P (1990) MS-1568P		MB-2404A(F)	STD,10,20,30 GM: 366 CID (1990-1998), 427 CID (1990-1998), MS-829A 454 CID (1990-2000)	
MB-2264P(F)	STD,10,20,30,40 Jeep: 150 CID (1990), 242 CID (1990), 258 CID MS-704P (1990) MS-1568P		MB-2404H(F)	STD,1,9,10,11,19,20,21,30 GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829H (1965-1970), 402 CID (1970-1972), 427 CID MS-829HK (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2283A	STD,10,20,30 Jeep: 318 CID (1993-1998); Chrysler: 318 CID MS-1344A (1990-2003)		MB-2404HG(F)	STD GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829HG (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2283P	STD,10,20 Jeep: 318 CID (1993-1998); Chrysler: 239 CID MS-1344P (1990-2003), 318 CID (1990-2003) MS-1701P		MB-2404HX(F)	STD GM: 366 CID (1966-1967,1980-1998), 396 CID MS-829HX (1965-1970), 402 CID (1970-1972), 427 CID MS-829HXX (1966-1969,1980-1998), 454 CID (1970-2000)	
MB-2283V	STD Jeep: 318 CID (1993-1998); Chrysler: 273 CID MS-963V (1964-1969), 318 CID (1957-2003), 340 CID MS-1344V (1968-1973), CID (1986,1986,1988)				
MB-2296P(F)	STD,10 Ford: 300 CID (1990-1996)	MS-765P			



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	
MB-2404P(F)	STD,1,10,20,30,40	GM: 366 CID (1966-1967,1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	MS-829P MS-1732M	MB-2509A(F)	STD,10,20,30 Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 262 CID (1990-2010), 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003)	MS-909A MS-1454A
MB-2404V(F)	STD,1,10	GM: 366 CID (1966-1967,1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	MS-829V	MB-2509H(F)	STD,1,9,10,11,19,20,21,30 GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909H MS-909HK
MB-2404VX(F)	STD	GM: 366 CID (1966-1967,1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000)	MS-829VX	MB-2509HG(F)	STD GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909HG
MB-2433P	STD,10,20,30	GM: 204 CID (1990), 231 CID (1990)	MS-960P	MB-2509HX(F)	STD GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909HX MS-909HXX
MB-2434P(F)	STD,10,20,30	GM: 204 CID (1990), 231 CID (1990)	MS-960P	MB-2509P(F)	STD,1,2,10,20,30,40,C60 Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 200 CID (1978-1979), 229 CID (1980-1984), 262 CID (1990-2010), 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003)	MS-909P MS-1454P
MB-2456P(F)	STD,10,20,40	Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1961-1971), 400 CID (1971-1978)	MS-876P	MB-2509V(F)	STD,10 GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909V
MB-2457HG(F)	STD,10	Chrysler: 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973)	MS-2233HG	MB-2543M	STD Chrysler: 383 CID (1959-1960), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973)	MS-972M
MB-2491P	STD,10,20,30	GM: 204 CID (1990), 231 CID (1990)	MS-960P	MB-2544M(F)	STD Chrysler: 383 CID (1959-1960), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973)	MS-972M
MB-2495P(F)	STD	Chrysler: 383 CID (1959-1960), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973)	MS-896P	MB-2548P(F)	STD GM: 400 CID (1970-1980)	MS-1564P
MB-2508A	STD,10,20,30	Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 262 CID (1990-2010), 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003)	MS-909A MS-1454A	MB-2553A	STD,10,20,30 Ford: 300 CID (1990-1996)	MS-979A
MB-2508H	STD,1,9,10,11,19,20,21,30	GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909H MS-909HK	MB-2553P	STD,10,20,30,40 Ford: 300 CID (1990-1996)	MS-765P MS-979P
MB-2508HG	STD	GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909HG	MB-2554A(F)	STD,10,20,30 Ford: 300 CID (1990-1996)	MS-979A
MB-2508HX	STD	GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909HX MS-909HXX	MB-2554P(F)	STD,10,20,30,40 Ford: 300 CID (1990-1996)	MS-979P
MB-2508P	STD,1,2,20,30,40	Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 200 CID (1978-1979), 229 CID (1980-1984), 262 CID (1990-2010), 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003)	MS-909P MS-1454P MS-1744P-10 MS-2215P-10	MB-2557H	STD,10 Ford: 351 CID (1969-1976), 400 CID (1971-1976)	MS-981H
MB-2508V	STD,10	GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)	MS-909V	MB-2558A(F)	STD,10,20,30 Ford: 351 CID (1990-1998)	MS-1432A
				MB-2558H(F)	STD,1,9,10,11 Ford: 351 CID (1969-1998), 400 CID (1971-1982)	MS-981H MS-1432H MS-1432HK
				MB-2558HX(F)	STD Ford: 351 CID (1977-1998), 400 CID (1977-1982)	MS-1432HX MS-1432HXX



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-2558P(F)	STD,10,20,30,40		MB-2578P(F)	STD,10,20,30	
Ford: 351 CID (1990-1998)		MS-1432P	Jeep: 360 CID (1990-1991)		MS-1041P
MB-2559A	STD,10,20,30		MB-2579P	STD,10,20,30	
Jeep: 318 CID (1993-1998); Chrysler: 318 CID (1990-2003)		MS-1344A	Jeep: 360 CID (1990-1991)		MS-1041P
MB-2559H	STD,1		MB-2588A(F)	STD,10,20,30	
Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973)		MS-540H MS-540HK	GM: 151 CID (1990-1993)		MS-1733A
MB-2559HX	STD		MB-2588P(F)	STD,10,20,30,40	
Chrysler: 273 CID (1964-1969), 318 CID (1957-1973), 340 CID (1968-1973)		MS-540HX MS-540HXX	GM: 151 CID (1990-1993)		MS-1733P
MB-2559P	STD,10,20		MB-2590P	STD,10,20	
Jeep: 318 CID (1993-1998); Chrysler: 239 CID (1990-2003), 318 CID (1990-2003)		MS-1344P MS-1701P	Chrysler: 360 CID (1971-1973)		MS-1051P
MB-2559V	STD		MB-2591P(F)	STD,10,20	
Jeep: 318 CID (1993-1998); Chrysler: 273 CID (1964-1969), 318 CID (1957-2003), 340 CID (1968-1973), CID (1986,1986,1988)		MS-963V MS-1344V	Chrysler: 360 CID (1971-1973)		MS-1051P
MB-2560H	STD,1,10		MB-2592P	STD,10,20	
Ford: 351 CID (1970-1974)		MS-1010H MS-1010HK	Chrysler: 360 CID (1971-1973)		MS-1051P
MB-2560HX	STD		MB-2604P	STD	
Ford: 351 CID (1970-1974)		MS-1010HX MS-1010HXX	GM: 400 CID (1970-1980)		MS-1564P
MB-2561H(F)	STD,1,10		MB-2612P	STD,.25mm,.50mm	
Ford: 351 CID (1970-1974)		MS-1010H MS-1010HK	Ford: 140 CID (1990-1997)		MS-1117P
MB-2561HX(F)	STD		MB-2613P(F)	STD,.25mm,.50mm	
Ford: 351 CID (1970-1974)		MS-1010HX MS-1010HXX	Ford: 140 CID (1990-1997)		MS-1117P
MB-2562H	STD,1,9,10,11,19,20,21		MB-2620A(F)	STD,10,20,30	
GM: 400 CID (1970-1980)		MS-1038H MS-1038HK	Jeep: 318 CID (1993-1998); Chrysler: 318 CID (1990-2003)		MS-1344A
MB-2562HG	STD		MB-2620P(F)	STD,10,20	
GM: 400 CID (1970-1980)		MS-1038HG	Jeep: 318 CID (1993-1998); Chrysler: 239 CID (1990-2003), 318 CID (1990-2003)		MS-1344P MS-1701P
MB-2562HX	STD		MB-2620V(F)	STD	
GM: 400 CID (1970-1980)		MS-1038HX MS-1038HXX	Custom Performance; Jeep: 318 CID (1993-1998); Chrysler: 318 CID (1974-2003), CID (1986,1986,1988)		MS-1344V MS-2221V
MB-2563H(F)	STD,1,9,10,11,19,20,21		MB-2622A	STD,10,20,30	
GM: 400 CID (1970-1980)		MS-1038H MS-1038HK	Jeep: 360 CID (1998); Chrysler: 360 CID (1990-2003)		MS-1266A
MB-2563HG(F)	STD		MB-2622H	STD,1,9,10,11	
GM: 400 CID (1970-1980)		MS-1038HG	Jeep: 360 CID (1998); Chrysler: 360 CID (1974-2003)		MS-1266HG
MB-2563HX(F)	STD		MB-2622HX	STD	
GM: 400 CID (1970-1980)		MS-1038HX MS-1038HXX	Jeep: 360 CID (1998); Chrysler: 360 CID (1974-2003)		MS-1266HGX
MB-2564MX	STD		MB-2622P	STD,10,20,30	
Ford: 370 CID (1980-1991), 429 CID (1968-1973), MS-1039MX 460 CID (1968-1998)		MS-1038H MS-1038HK	Jeep: 360 CID (1998); Chrysler: 360 CID (1990-2003)		MS-1266P
MB-2564P	STD,1,10,20,30,40		MB-2623A(F)	STD,10,20,30	
Ford: 370 CID (1990-1991), 460 CID (1990-1998)		MS-1039P	Jeep: 360 CID (1998); Chrysler: 360 CID (1990-2003)		MS-1266A
MB-2564V	STD,10		MB-2623H(F)	STD,1,9,10,11	
Ford: 370 CID (1980-1991), 429 CID (1968-1973), MS-1039V 460 CID (1968-1998)		MS-1038H MS-1038HK	Jeep: 360 CID (1998); Chrysler: 360 CID (1974-2003)		MS-1266HG
MB-2565MX(F)	STD		MB-2623HX(F)	STD	
Ford: 370 CID (1980-1991), 429 CID (1968-1973), MS-1039MX 460 CID (1968-1998)		MS-1038H MS-1038HK	Jeep: 360 CID (1998); Chrysler: 360 CID (1974-2003)		MS-1266HGX
MB-2565P(F)	STD,1,10,20,30,40		MB-2623P(F)	STD,10,20,30	
Ford: 370 CID (1990-1991), 460 CID (1990-1998)		MS-1039P	Jeep: 360 CID (1998); Chrysler: 360 CID (1990-2003)		MS-1266P
MB-2565V(F)	STD,10		MB-2624A	STD,10,20,30	
Ford: 370 CID (1980-1991), 429 CID (1968-1973), MS-1039V 460 CID (1968-1998)		MS-1038H MS-1038HK	Jeep: 360 CID (1998); Chrysler: 360 CID (1990-2003)		MS-1266A
			MB-2624H	STD,1,9,10,11	
			Jeep: 360 CID (1998); Chrysler: 360 CID (1974-2003)		MS-1266HG



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MB-2624HX	STD		MB-2883A(F)	STD,10,20,30	
Jeep: 360 CID (1998); Chrysler: 360 CID (1974-2003)		MS-1266HGX	Isuzu: 2189 CC (1996-2000); GM: 134 CID (1990-2003)		MS-1704A MS-2205A
MB-2624P	STD,10,20,30		MB-2883P(F)	STD,10,20,30	
Jeep: 360 CID (1998); Chrysler: 360 CID (1990-2003)		MS-1266P	Isuzu: 2189 CC (1996-2000); GM: 134 CID (1990-2003)		MS-1704P MS-2205P
MB-2625HG(F)	STD		MB-2889AL	STD,.25mm	
Chrysler: 440 CID (1974-1979)		MS-1277HG	Subaru: 1781 CC (1990-1994)		MS-1571AL
MB-2650H	STD,1,10		MB-2890AL(F)	STD,.25mm	
GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)		MS-1110H MS-1110HK	Subaru: 1781 CC (1990-1994)		MS-1571AL
MB-2650HX	STD		MB-2925P	STD,.25mm,.50mm,.75mm	
GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)		MS-1110HX MS-1110HXX	Toyota: 2366 CC (1990-1995)		MS-1590P
MB-2651C	STD,1,10		MB-2935P(F)	STD,10,20,30	
GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 350 CID (1967-2002)		MS-1110H MS-1110HK MS-1110HX MS-1110HXX	Ford: 445 CID (1990-1994)		MS-1596P
MB-2747G	STD,.25mm,.50mm		MB-2960P		
Toyota: 3956 CC (1990-1992)		MS-1777P	GM: 273 CID (1990-1992), 300 CID (1991-1995)		MS-1705P
MB-2748G	STD,.25mm,.50mm		MB-2961P		
Toyota: 3956 CC (1990-1992)		MS-1777P	GM: 273 CID (1990-1992), 300 CID (1991-1995)		MS-1705P
MB-2754A	STD,10,20,30		MB-2962P(F)		
Ford: 351 CID (1990-1998)		MS-1432A	GM: 273 CID (1990-1992), 300 CID (1991-1995)		MS-1705P
MB-2754H	STD,1,9,10,11		MB-2995P	.50mm	
Ford: 351 CID (1977-1998), 400 CID (1977-1982)		MS-1432H MS-1432HK	Nissan: 2960 CC (1990-1998), 3275 CC (1996-2004); Infiniti: 2960 CC (1990-1997), 3275 CC (1997-1998); Ford: 2960 CC (1993-1998), 3275 CC (1999-2002)		MS-2074P-.25mm
MB-2754HX	STD		MB-2996P	.50mm	
Ford: 351 CID (1977-1998), 400 CID (1977-1982)		MS-1432HX MS-1432HXX	Nissan: 2960 CC (1990-1998), 3275 CC (1996-2004); Infiniti: 2960 CC (1990-1997), 3275 CC (1997-1998); Ford: 2960 CC (1993-1998), 3275 CC (1999-2002)		MS-2074P-.25mm
MB-2754P	STD,10,20,30,40		MB-3011P(F)	STD,10,20	
Ford: 351 CID (1990-1998)		MS-1432P	GM: 151 CID (1990-1991)		MS-1643P
MB-2791P	STD,.25mm,.50mm		MB-3049P	STD,.25mm	
GM: 122 CID (1990-1994)		MS-2068P	Mitsubishi: 1468 CC (1990-2002); Hyundai: 1468 CC (1990-1994); Chrysler: 90 CID (1990-1996)		MS-1668P
MB-2854A	STD,10,20,30		MB-3050P(F)	STD,.25mm	
Isuzu: 2189 CC (1996-2000); GM: 134 CID (1990-2003)		MS-1704A MS-2205A	Mitsubishi: 1468 CC (1990-2002); Hyundai: 1468 CC (1990-1994); Chrysler: 90 CID (1990-1996)		MS-1668P
MB-2854P	STD,10,20,30		MB-3061P	STD,.25mm,.50mm,.75mm	
Isuzu: 2189 CC (1996-2000); GM: 134 CID (1990-2003)		MS-1704P MS-2205P	Isuzu: 2254 CC (1990-1995)		MS-1775P
MB-2863P	STD,.25mm,.50mm		MB-3073A	STD,.25mm,.50mm,.75mm	
Chrysler: 135 CID (1990-1994), 153 CID (1990-1995)		MS-1533P	Ford: 116 CID (1990-1996), 122 CID (1997-2004)		MS-1706A
MB-2864P(F)	STD,.25mm,.50mm		MB-3073P	STD,.25mm	
Chrysler: 135 CID (1990-1994), 153 CID (1990-1995)		MS-1533P	Ford: 116 CID (1990-1996), 122 CID (1997-2004)		MS-1706P
MB-2869P	STD,.25mm,.50mm		MB-3074A(F)	STD,.25mm,.50mm,.75mm	
Mitsubishi: 1595 CC (1990-1992), 1755 CC (1990-1994), 1997 CC (1990-1992); Kia: 2351 CC (2001-2006); Hyundai: 1595 CC (1992-1995), 1597 CC (1990), 2351 CC (1990-1991); Chrysler: 98 CID (1990), 107 CID (1990-1994), 122 CID (1990-1992), 144 CID (1990-1992)		MS-2076P	Ford: 116 CID (1990-1996), 122 CID (1997-2004)		MS-1706A
MB-2878C	STD		MB-3074P(F)	STD,.25mm	
GM: 400 CID (1970-1980)		MS-1564P	Ford: 116 CID (1990-1996), 122 CID (1997-2004)		MS-1706P
			MB-3084P	STD,.25mm,.50mm	
			GM: 138 CID (1990-1995)		MS-1703P
			MB-3085P(F)	STD,.25mm,.50mm	
			GM: 138 CID (1990-1995)		MS-1703P
			MB-3093A	STD,.25mm,.50mm,.75mm	
			Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)		MS-1702A
			MB-3093P	STD,.25mm,.50mm	
			Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)		MS-1702P
			MB-3094A(F)	STD,.25mm,.50mm,.75mm	
			Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)		MS-1702A



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	
MB-3094P(F)	STD, .25mm, .50mm	Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)	MS-1702P	MB-3139P	STD, .25mm, .50mm, .75mm Ford: 281 CID (1991-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2007P MS-2202P MS-2203P MS-2204P
MB-3095A	STD, .25mm, .50mm, .75mm	Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)	MS-1702A	MB-3139W	STD, .026mm, .25mm, .50mm, .75mm Ford: 281 CID (1991-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2007A MS-2007H MS-2007HK MS-2007HX MS-2007HXX MS-2007P MS-2198AL MS-2198H MS-2198HK MS-2198HX MS-2198HXX MS-2202A MS-2202H MS-2202HX MS-2202P MS-2203A MS-2203H MS-2203HX MS-2203P MS-2204P MS-2259A MS-2259H MS-2259HK MS-2259HX MS-2259HXX
MB-3095P	STD, .25mm, .50mm	Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)	MS-1702P			
MB-3103P		GM: 273 CID (1990-1992), 300 CID (1991-1995)	MS-1705P			
MB-3107A(F)	STD, .25mm, .50mm, .75mm	Jeep: 231 CID (2007-2010); Chrysler: 201 CID (1990-2010), 230 CID (1991-2008), 231 CID (2009-2010)	MS-1946A			
MB-3107P(F)	STD, .25mm	Jeep: 231 CID (2007-2010); Chrysler: 201 CID (1990-2010), 230 CID (1991-2008), 231 CID (2009-2010)	MS-1946P			
MB-3109P(F)	STD, .25mm, .50mm, .75mm	Chrysler: 359 CID (1990-2002)	MS-1717P			
MB-3110P	STD, .25mm, .50mm, .75mm	Chrysler: 359 CID (1990-2005)	MS-1717P MS-2272P			
MB-3111M	STD	GM: 366 CID (1966-1967, 1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969, 1980-1998), 454 CID (1970-2000)	MS-1732M			
MB-3119P(F)	20	Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 262 CID (1990-2010), 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003)	MS-1744P-10 MS-2215P-10			
MB-3130P(F)	STD, .25mm, .50mm	Mazda: 140 CID (1994-1997), 2492 CC (1998-2001); Ford: 140 CID (1990-1997), 153 CID (1998-2001)	MS-1743P			
MB-3135A	STD, 10, 20, 30	GM: 151 CID (1990-1993)	MS-1733A			
MB-3135P	STD, 10, 20, 30, 40	GM: 151 CID (1990-1993)	MS-1643P MS-1733P			
MB-3137P	STD, .25mm, .50mm	Mazda: 140 CID (1994-1997), 2492 CC (1998-2001); Ford: 140 CID (1990-1997), 153 CID (1998-2001)	MS-1743P			
MB-3139A	STD, .25mm, .50mm, .75mm	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2007A MS-2202A MS-2203A			
MB-3139H	STD, .026mm, .25mm	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2007H MS-2007HK MS-2202H MS-2203H			
MB-3139HX	STD	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2007HX MS-2007HXX MS-2202HX MS-2203HX			
				MB-3140A(F)	STD, .25mm, .50mm, .75mm Ford: 281 CID (1993-2010)	MS-2007A
				MB-3140H(F)	STD, .026mm, .25mm Ford: 281 CID (1993-2010)	MS-2007H MS-2007HK
				MB-3140HX(F)	STD Ford: 281 CID (1993-2010)	MS-2007HX MS-2007HXX
				MB-3140P(F)	STD, .25mm, .50mm, .75mm Ford: 281 CID (1993-2010)	MS-2007P
				MB-3148P	STD, .25mm, .50mm GM: 239 CID (1990-1991)	MS-1752P
				MB-3149P	STD, .25mm, .50mm GM: 239 CID (1990-1991)	MS-1752P
				MB-3172AL	STD, .25mm, .50mm Suzuki: 1298 CC (1990-1995); GM: 61 CID (1990-2001), 79 CID (1992-2001)	MS-1708AL MS-1779AL
				MB-3173AL	STD, .25mm, .50mm, .75mm Mazda: 1489 CC (1995-1998), 1597 CC (1990-1996), 1839 CC (1990-1997, 1999-2005); Kia: 1597 CC (1994-1997), 1839 CC (1995-1997); Ford: 81 CID (1990-1997), 98 CID (1991-1994), 112 CID (1991-1996)	MS-1802AL
				MB-3174AL	STD, .25mm, .50mm, .75mm Ford: 134 CID (1990-1992)	MS-1803AL
				MB-3175AL(F)	STD, .25mm, .50mm, .75mm Ford: 134 CID (1990-1992)	MS-1803AL
				MB-3176P	STD, .25mm, .50mm Honda: 1590 CC (1990-2000), 1958 CC (1990-1991), 2056 CC (1990-1991), 2157 CC (1998-2001); Acura: 1590 CC (1997-2000)	MS-1804P



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APPLICATION			APPLICATION		
MB-3178AL	STD,.25mm,.50mm	MS-1806AL	MB-3249V(F)	STD,10	MS-1795V
Honda: 1493 CC (1990-1995)			Chrysler: 426 CID (1963-1971)		
MB-3187A	STD,.25mm,.50mm,.75mm	MS-1812A	MB-3337A	STD,10,20,30	MS-1947A
Ford: 232 CID (1990-2004), 238 CID (2004-2007), MS-1812A			Chrysler: 150 CID (1996-2002); Jeep: 150 CID		MS-1948A
256 CID (1997-2008)			(1991-2002), 242 CID (1991-2006)		
MB-3187P	STD,.25mm,.50mm	MS-1812P	MB-3338A(F)	STD,10,20,30	MS-1947A
Ford: 232 CID (1990-2004), 238 CID (2004-2007), MS-1812P			Chrysler: 150 CID (1996-2002); Jeep: 150 CID		MS-1948A
256 CID (1997-2008)			(1991-2002), 242 CID (1991-2006)		
MB-3188A(F)	STD,.25mm,.50mm,.75mm	MS-1812A	MB-3338P(F)	STD,10,20	MS-1947P
Ford: 232 CID (1990-2004), 238 CID (2004-2007), MS-1812A			Chrysler: 150 CID (1996-2002); Jeep: 150 CID		MS-1948P
256 CID (1997-2008)			(1991-2002), 242 CID (1991-2006)		
MB-3188P(F)	STD,.25mm,.50mm	MS-1812P	MB-3340A	STD,.25mm,.50mm,.75mm	MS-1946A
Ford: 232 CID (1990-2004), 238 CID (2004-2007), MS-1812P			Jeep: 231 CID (2007-2010); Chrysler: 201 CID		
256 CID (1997-2008)			(1990-2010), 230 CID (1991-2008), 231 CID		
MB-3195P	STD,.25mm,.50mm	MS-1777P	(2009-2010)		
Toyota: 3956 CC (1990-1992)			MB-3340P	STD,.25mm	MS-1946P
MB-3196P	STD,.25mm,.50mm	MS-1777P	Jeep: 231 CID (2007-2010); Chrysler: 201 CID		
Toyota: 3956 CC (1990-1992)			(1990-2010), 230 CID (1991-2008), 231 CID		
MB-3198P	STD,.25mm,.50mm	MS-1774P	(2009-2010)		
Toyota: 2954 CC (1990-1992)			MB-3341P	STD,.50mm	MS-1949P
MB-3199P	STD,.25mm,.50mm	MS-1774P	Nissan: 2389 CC (1990-2004)		MS-2080P-.25mm
Toyota: 2954 CC (1990-1992)			MB-3342P(F)	STD,.25mm,.50mm	MS-1949P
MB-3200AL	STD,.25mm,.50mm	MS-1714AL	Nissan: 2389 CC (1990-2004)		
Toyota: 1998 CC (1990-2000), 2164 CC			MB-3343P	STD,.25mm	MS-1950P
(1990-2001)			Nissan: 1597 CC (1990-1999)		
MB-3201AL	STD,.25mm,.50mm	MS-1714AL	MB-3344P	STD,.25mm,.50mm	MS-1951P
Toyota: 1998 CC (1990-2000), 2164 CC			Nissan: 2960 CC (1990-1998), 3275 CC		
(1990-2001)			(1996-2004); Infiniti: 2960 CC (1990-1997), 3275		
MB-3202A	STD,10,20,30	MS-2006A	CC (1997-1998); Ford: 2960 CC (1993-1998),		
Mazda: 4016 CC (1991-2008); Ford: 177 CID			3275 CC (1999-2002)		
(1990-1992), 245 CID (1990-2010)			MB-3345P	STD,.25mm,.50mm	MS-1951P
MB-3202P	STD,10,20	MS-2006P	Nissan: 2960 CC (1990-1998), 3275 CC		
Mazda: 4016 CC (1991-2008); Ford: 177 CID			(1996-2004); Infiniti: 2960 CC (1990-1997), 3275		
(1990-1992), 245 CID (1990-2010)			CC (1997-1998); Ford: 2960 CC (1993-1998),		
MB-3207AL	STD,.25mm,.50mm	MS-1715AL	3275 CC (1999-2002)		
Toyota: 2237 CC (1990)			MB-3346P(F)	STD,.25mm,.50mm	MS-1951P
MB-3209AL	STD,.25mm	MS-1820AL	Nissan: 2960 CC (1990-1998), 3275 CC		
Suzuki: 1590 CC (1990-2001); GM: 97 CID			(1996-2004); Infiniti: 2960 CC (1990-1997), 3275		
(1990-2002)			CC (1997-1998); Ford: 2960 CC (1993-1998),		
MB-3210AL	STD,.25mm,.50mm	MS-1821AL	3275 CC (1999-2002)		
Isuzu: 2559 CC (1990-1997); Honda: 2559 CC			MB-3347P	STD,.25mm,.50mm	MS-1952P
(1994-1996)			Mazda: 2954 CC (1990-1998)		
MB-3213A	STD,10,20,30	MS-2022A	MB-3348AL	STD,.25mm,.50mm	MS-1953AL
GM: 231 CID (1995-2009)			Toyota: 1456 CC (1990-1994), 1497 CC		
MB-3213P	STD,10,20,30	MS-1822P	(1992-1999)		
GM: 204 CID (1991-1993), 231 CID (1990-2009)		MS-2021P	MB-3349P	STD,.25mm,.50mm	MS-1954P
		MS-2022P	Toyota: 2507 CC (1990-1991), 2959 CC		
MB-3214A(F)	STD,10,20,30	MS-2022A	(1992-1993); Lexus: 2507 CC (1990-1991), 2959		
GM: 231 CID (1995-2009)			CC (1992-1993)		
MB-3214P(F)	STD,10,20,30	MS-1822P	MB-3350P	STD,.25mm,.50mm	MS-1954P
GM: 204 CID (1991-1993), 231 CID (1990-2009)		MS-2021P	Toyota: 2507 CC (1990-1991), 2958 CC		MS-2011P
		MS-2022P	(1990-1995), 2959 CC (1992-1993); Lexus: 2507		
MB-3215P	STD,10,20	MS-1822P	CC (1990-1991), 2959 CC (1992-1993)		
GM: 204 CID (1991-1993), 231 CID (1990-1993)			MB-3459P	STD,.25mm,.50mm	MS-2003P
MB-3248M	STD	MS-1795M	Subaru: 1189 CC (1990-1994)		
Chrysler: 426 CID (1963-1971)			MB-3460P(F)	STD,.25mm,.50mm	MS-2003P
MB-3248V	STD,10	MS-1795V	Subaru: 1189 CC (1990-1994)		
Chrysler: 426 CID (1963-1971)			MB-3467A(F)	STD,10,20,30	MS-2006A
MB-3249M(F)	STD	MS-1795M	Mazda: 4016 CC (1991-2008); Ford: 177 CID		
Chrysler: 426 CID (1963-1971)			(1990-1992), 245 CID (1990-2010)		



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-3467P(F)	STD,10,20	Mazda: 4016 CC (1991-2008); Ford: 177 CID (1990-1992), 245 CID (1990-2010)	MB-3505P(F)	STD,,25mm,,50mm	Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-1997); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998); Chrysler: 122 CID (1992-1998), 144 CID (1992-1996)
MB-3468P	STD,,25mm	Saturn: 116 CID (1991-2002)	MB-3506P	STD,10,20	Chrysler: 488 CID (1994-2003)
MB-3469P(F)	STD,,25mm	Saturn: 116 CID (1991-2002)	MB-3507P	STD,10,20	Chrysler: 488 CID (1994-2003)
MB-3472P	STD,,25mm,,50mm	Toyota: 2958 CC (1990-1995)	MB-3508P(F)	STD,10,20	Chrysler: 488 CID (1994-2003)
MB-3474P	STD,,25mm,,50mm	Isuzu: 2156 CC (1996-1997); Honda: 2156 CC (1990-1997), 2157 CC (1993-1997), 2259 CC (1992-1996); Acura: 2156 CC (1997)	MB-3511A	STD,,25mm,,50mm,,75mm	Saturn: 213 CID (2005-2006); Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005), 213 CID (2004-2007)
MB-3475P	STD	Lexus: 3969 CC (1990-2000)	MB-3511P	STD,,25mm,,50mm,,75mm	Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 207 CID (1991-2005)
MB-3476P	STD	Lexus: 3969 CC (1990-2000)	MB-3512A	STD,,25mm,,50mm,,75mm	Saturn: 213 CID (2005-2006); Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005), 213 CID (2004-2007)
MB-3477AL	STD,,25mm	Toyota: 2997 CC (1993-1998); Lexus: 2997 CC (1992-2005)	MB-3512P	STD,,25mm,,50mm,,75mm	Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 207 CID (1991-2005)
MB-3478P	STD,,25mm	Nissan: 1998 CC (1991-1998); Infiniti: 1998 CC (1991-1996,1999-2002)	MB-3513A(F)	STD,,25mm,,50mm,,75mm	Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 207 CID (1991-2005)
MB-3494A	STD,10,20,30	GM: 231 CID (1995-2009)	MB-3513P(F)	STD,,25mm,,50mm,,75mm	Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 207 CID (1991-2005)
MB-3494P	STD,10,20,30	GM: 231 CID (1994-2009)	MB-3514A	STD,,25mm,,50mm,,75mm	GM: 146 CID (1996-2002)
MB-3495A	STD,10,20,30	GM: 231 CID (1995-2009)	MB-3514P	STD,,25mm,,50mm,,75mm	GM: 146 CID (1996-2002)
MB-3495P	STD,10,20,30	GM: 231 CID (1995-2009)	MB-3515A(F)	STD,,25mm,,50mm,,75mm	GM: 146 CID (1996-2002)
MB-3497P	STD,10,20,30	Ford: 445 CID (1994-2003)	MB-3515P(F)	STD,,25mm,,50mm,,75mm	GM: 146 CID (1996-2002)
MB-3498P(F)	STD,10,20,30	Ford: 445 CID (1994-2003)	MB-3544AL	STD,,25mm,,50mm	Mazda: 1991 CC (1993-2003); Ford: 122 CID (1993-1997)
MB-3502AL	STD,,25mm	Mazda: 2606 CC (1990-1994)	MB-3545AL	STD,,25mm	Mazda: 2254 CC (1995-2002), 2497 CC (1993-1998); Ford: 152 CID (1993-1997)
MB-3503AL(F)	STD,,25mm	Mazda: 2606 CC (1990-1994)	MB-3546AL	STD,,25mm	Mazda: 2254 CC (1995-2002), 2497 CC (1993-1998); Ford: 152 CID (1993-1997)
MB-3504H	STD,,026mm,,25mm	Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-2005); Chrysler: 122 CID (1992-1998), 144 CID (1992-1996,2001-2005)	MB-3550AL	STD,,25mm	Toyota: 2997 CC (1993-1998); Lexus: 2997 CC (1992-2005)
MB-3504HX	STD	Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-2005); Chrysler: 122 CID (1992-1998), 144 CID (1992-1996,2001-2005)	MB-3551AL	STD,,25mm,,50mm,,75mm	Toyota: 4476 CC (1993-1997); Lexus: 4476 CC (1996-1997)
MB-3504P	STD,,25mm,,50mm	Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-2005); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998); Chrysler: 122 CID (1992-1998), 144 CID (1992-1996,2001-2005)			
MB-3505H(F)	STD,,026mm,,25mm	Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-1997); Chrysler: 122 CID (1992-1998), 144 CID (1992-1996)			
MB-3505HX(F)	STD	Mitsubishi: 1997 CC (1992-1999), 2351 CC (1992-1997); Chrysler: 122 CID (1992-1998), 144 CID (1992-1996)			



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-3552ALA	STD,.25mm,.50mm		MB-3592A(F)	STD,10,20,30	
Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999)		MS-2062AL MS-2258AL	Saab: 364 CID (2008), 5328 CC (2005-2009); Isuzu: 5328 CC (2003-2006); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008-2009); GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199A
MB-3552ALB	STD,.25mm,.50mm		MB-3592H(F)	STD,1,10	
Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999)		MS-2062AL MS-2258AL	GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199H MS-2199HK
MB-3553AL(F)	STD,.25mm,.50mm		MB-3592HX(F)	STD	
Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999)		MS-2062AL	GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199HX MS-2199HXX
MB-3564V	STD		MB-3592P(F)	STD,10,20,30	
Chrysler: 426 CID (1963-1971)		MS-2067V	Saab: 364 CID (2008), 5328 CC (2005-2009); Isuzu: 5328 CC (2003-2006); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008-2009); GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199P
MB-3565P(F)	STD,.25mm,.50mm		MB-3594A	STD,.25mm,.50mm	
GM: 122 CID (1990-1994)		MS-2068P	Jeep: 148 CID (2002-2006); Chrysler: 148 CID (1995-2009)		MS-2201A MS-2279A
MB-3567P(F)			MB-3594H	STD,.25mm	
Volkswagen: 1588 CC (1990-1992), 1780 CC (1990-1993), 1781 CC (1990-1992), 1984 CC (1990-2002); Audi: 1984 CC (1990-1991)		MS-2070P-.25mm	Chrysler: 148 CID (1995-2009)		MS-2201H MS-2246H MS-2279H
MB-3570P(F)	.50mm		MB-3594P	STD,.25mm,.50mm	
Nissan: 2960 CC (1990-1998), 3275 CC (1996-2004); Infiniti: 2960 CC (1990-1997), 3275 CC (1997-1998); Ford: 2960 CC (1993-1998), 3275 CC (1999-2002)		MS-2074P-.25mm	Jeep: 148 CID (2002-2006); Chrysler: 148 CID (1995-2009)		MS-2201P MS-2246P MS-2279P
MB-3572P(F)	STD,.25mm,.50mm		MB-3595A(F)	STD,.25mm,.50mm	
Mitsubishi: 1595 CC (1990-1992), 1755 CC (1990-1994), 1997 CC (1990-1992); Kia: 2351 CC (2001-2006); Hyundai: 1595 CC (1992-1995), 1597 CC (1990), 2351 CC (1990-1991); Chrysler: 98 CID (1990), 107 CID (1990-1994), 122 CID (1990-1992), 144 CID (1990-1992)		MS-2076P	Jeep: 148 CID (2002-2006); Chrysler: 148 CID (1995-2008)		MS-2201A
MB-3576P(F)	.50mm		MB-3595H(F)	STD,.25mm	
Nissan: 2389 CC (1990-2004)		MS-2080P-.25mm	Chrysler: 148 CID (1995-2008)		MS-2201H
MB-3588P(F)	STD,.026mm,.25mm,.50mm,.75mm		MB-3595P(F)	STD,.25mm,.50mm	
Hummer: 379 CID (1992-1994), 395 CID (1994-2005); GM: 379 CID (1990-1993), 395 CID (1992-2002)		MS-2091P	Jeep: 148 CID (2002-2006); Chrysler: 148 CID (1995-2008)		MS-2201P
MB-3591A	STD,10,20,30		MB-3596A	STD,.25mm,.50mm,.75mm	
Saab: 364 CID (2008), 5328 CC (2005-2009); Isuzu: 5328 CC (2003-2006); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008-2009); GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199A	Chrysler: 167 CID (1998-2009)		MS-2209A
MB-3591H	STD,1,10		MB-3596P	STD,.25mm,.50mm,.75mm	
GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199H MS-2199HK	Chrysler: 167 CID (1998-2009)		MS-2209P
MB-3591HX	STD		MB-3597P	STD,.25mm,.50mm	
GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199HX MS-2199HXX	Chrysler: 197 CID (1998-2001), 215 CID (1999-2010)		MS-2210P
MB-3591P	STD,10,20,30		MB-3749A	STD,10,20,30	
Saab: 364 CID (2008), 5328 CC (2005-2009); Isuzu: 5328 CC (2003-2006); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008-2009); GM: 294 CID (1999-2010), 325 CID (1999-2010), 346 CID (1997-2005), 364 CID (1999-2010), 376 CID (2007-2010)		MS-2199P	Isuzu: 2189 CC (1998-2000); GM: 134 CID (1998-2003)		MS-2205A
MB-3749P	STD,10,20,30		MB-3749P	STD,10,20,30	
Isuzu: 2189 CC (1998-2000); GM: 134 CID (1998-2003)		MS-2205P	Isuzu: 2189 CC (1998-2000); GM: 134 CID (1998-2003)		MS-2205P
MB-3750A	STD,.25mm,.50mm,.75mm		MB-3750A	STD,.25mm,.50mm,.75mm	
Mazda: 181 CID (2001-2006); Jaguar: 181 CID (2000-2008); Ford: 155 CID (1995-2002), 181 CID (1996-2006)		MS-2207A	Mazda: 181 CID (2001-2006); Jaguar: 181 CID (2000-2008); Ford: 155 CID (1995-2002), 181 CID (1996-2006)		MS-2207A
MB-3750P	STD,.25mm,.50mm		MB-3750P	STD,.25mm,.50mm	
Mazda: 181 CID (2001-2006); Jaguar: 181 CID (2000-2008); Ford: 155 CID (1995-2002), 181 CID (1996-2006)		MS-2207P	Mazda: 181 CID (2001-2006); Jaguar: 181 CID (2000-2008); Ford: 155 CID (1995-2002), 181 CID (1996-2006)		MS-2207P



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	
MB-3751A(F)	STD, .25mm, .50mm, .75mm	Mazda: 181 CID (2001-2006); Jaguar: 181 CID (2000-2008); Ford: 155 CID (1995-2002), 181 CID (1996-2006)	MS-2207A	MB-3765AL	STD, .25mm, .50mm Toyota: 2438 CC (1995-2001), 2694 CC (1994-2001)	MS-2212AL
MB-3751P(F)	STD, .25mm, .50mm	Mazda: 181 CID (2001-2006); Jaguar: 181 CID (2000-2008); Ford: 155 CID (1995-2002), 181 CID (1996-2006)	MS-2207P	MB-3766AL	STD, .25mm, .50mm Toyota: 2438 CC (1995-2001), 2694 CC (1994-2001)	MS-2212AL
MB-3752A	STD, .25mm, .50mm, .75mm	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2202A MS-2203A	MB-3767AL	STD, .25mm Mitsubishi: 1834 CC (1992-2002); Chrysler: 112 CID (1992-1996)	MS-2213AL
MB-3752H	STD, .026mm, .25mm	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2202H MS-2203H	MB-3770AL	STD, .25mm, .50mm Toyota: 2438 CC (1995-2001), 2694 CC (1994-2001)	MS-2212AL
MB-3752HX	STD	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2202HX MS-2203HX	MB-3771A	STD, .25mm, .50mm Mitsubishi: 287 CID (2006-2007); Jeep: 287 CID (1999-2009); Chrysler: 287 CID (2000-2009)	MS-2216A
MB-3752P	STD, .25mm, .50mm, .75mm	Ford: 281 CID (1993-2010), 330 CID (1997-2010), 415 CID (1997-2009)	MS-2202P MS-2203P	MB-3771P	STD, .25mm, .50mm Mitsubishi: 287 CID (2006-2007); Jeep: 287 CID (1999-2009); Chrysler: 287 CID (2000-2009)	MS-2216P
MB-3753A	STD, .25mm, .50mm, .75mm	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208A	MB-3772AL	STD, .25mm, .50mm Ford: 281 CID (1993-2010)	MS-2198AL
MB-3753H	STD, .026mm, .25mm	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208H	MB-3772H	STD, .25mm, .026mm Ford: 281 CID (1993-2010)	MS-2198H MS-2198HK
MB-3753HX	STD	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208HX	MB-3772HX	STD Ford: 281 CID (1993-2010)	MS-2198HX MS-2198HXX
MB-3753P	STD, .25mm, .50mm, .75mm	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208P	MB-3773AL(F)	STD, .25mm, .50mm Ford: 281 CID (1993-2010)	MS-2198AL
MB-3754A(F)	STD, .25mm, .50mm, .75mm	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208A	MB-3773H(F)	STD, .25mm, .026mm Ford: 281 CID (1993-2010)	MS-2198H MS-2198HK
MB-3754H(F)	STD, .026mm, .25mm	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208H	MB-3773HX(F)	STD Ford: 281 CID (1993-2010)	MS-2198HX MS-2198HXX
MB-3754HX(F)	STD	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208HX	MB-3774AL	STD, 10, 20 GM: 496 CID (2001-2007)	MS-2235AL
MB-3754P(F)	STD, .25mm, .50mm, .75mm	Mazda: 1989 CC (2001-2004); Ford: 122 CID (1995-2004)	MS-2208P	MB-3775AL(F)	STD, 10, 20 GM: 496 CID (2001-2007)	MS-2235AL
MB-3755P(F)	STD, .25mm, .50mm, .75mm	Ford: 281 CID (1991-1992)	MS-2204P	MB-3776H	STD, .026mm, .25mm GM: 403 CID (2001-2009)	MS-2218H
MB-3758P	STD, .25mm, .50mm, .75mm	GM: 244 CID (1995-1999, 2001-2003), 281 CID (1993-2003)	MS-2206P	MB-3776HX	STD GM: 403 CID (2001-2009)	MS-2218HX
MB-3759P(F)	STD, .25mm, .50mm, .75mm	GM: 244 CID (1995-1999, 2001-2003), 281 CID (1993-2003)	MS-2206P	MB-3776P	STD, .25mm, .50mm Hummer: 403 CID (2006); GM: 403 CID (2001-2009)	MS-2218P
MB-3760P	STD, .25mm, .50mm	Honda: 1595 CC (1994-1997, 1999-2000), 1972 CC (1997-2001); Acura: 1678 CC (1992-1993), 1797 CC (1994-2001), 1834 CC (1990-2001)	MS-2095P	MB-3780A	STD, .25mm, .50mm Jeep: 370 CID (2005-2010); Chrysler: 345 CID (2003-2010)	MS-2220A
MB-3764AL	STD, .25mm, .50mm, .75mm	Toyota: 1587 CC (1990-1997), 1762 CC (1993-1997); GM: 98 CID (1990-1997), 108 CID (1993-1997)	MS-2211AL	MB-3780H	STD, .026mm, .23mm, .25mm, . Chrysler: 345 CID (2003-2010), 370 CID (2005-2010)	MS-2220H
				MB-3780HX	STD Jeep: 370 CID (2006-2010); Chrysler: 345 CID (2003-2010), 370 CID (2005-2010)	MS-2220HX
				MB-3780P	STD, .25mm, .50mm Jeep: 345 CID (2005-2010), 370 CID (2006-2010); Chrysler: 345 CID (2003-2010), 370 CID (2005-2010)	MS-2220P



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PART NO.	UNDERSIZES	CONTAINED IN	PART NO.	UNDERSIZES	CONTAINED IN
APPLICATION			APPLICATION		
MB-3781A	STD,10,20,30		MB-3808P	STD,.25mm	
Hummer: 211 CID (2006), 223 CID (2007-2010); Saab: 254 CID (2005-2009); Isuzu: 254 CID (2003-2008), 2770 CC (2006), 2921 CC (2007-2008), 3460 CC (2006), 3654 CC (2007-2008); GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010), 254 CID (2002-2009)	MS-2224AL MS-2249AL MS-2250AL		Mazda: 1844 CC (1992-1994)		MS-2237P
MB-3782A(F)	STD,10,20,30		MB-3809P	STD,.25mm	
Hummer: 211 CID (2006), 223 CID (2007-2010); Saab: 254 CID (2005-2009); Isuzu: 254 CID (2003-2008), 2770 CC (2006), 2921 CC (2007-2008), 3460 CC (2006), 3654 CC (2007-2008); GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010), 254 CID (2002-2009)	MS-2224AL MS-2249AL MS-2250AL		Mazda: 1844 CC (1992-1994)		MS-2237P
MB-3785V	STD		MB-3811P	STD,.25mm,.50mm	
Custom Performance	MS-2221V		Mitsubishi: 3497 CC (1994-2004)		MS-2238P
MB-3786P(F)	STD,.25mm		MB-3813P	STD,.25mm	
Chrysler: 359 CID (2003-2005)	MS-2272P		Mitsubishi: 2497 CC (1995); Chrysler: 152 CID (1995-2000)		MS-2239P
MB-3787P	STD,.25mm,.50mm,.75mm		MB-3814P	STD,.25mm,.50mm	
Ford: 363 CID (2003-2010)	MS-2223P		Toyota: 2995 CC (1994-2002); Lexus: 2995 CC (1994-2003)		MS-2240P
MB-3788P(F)	STD,.25mm,.50mm,.75mm		MB-3815P	STD,.25mm,.50mm	
Ford: 363 CID (2003-2010)	MS-2223P		Toyota: 2995 CC (1994-2002); Lexus: 2995 CC (1994-2003)		MS-2240P
MB-3789HG	STD,10		MB-3817P	STD,.25mm,.50mm	
Chrysler: 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1973)	MS-2233HG		Toyota: 3378 CC (1995-2002)		MS-2241P
MB-3790A	STD,.25mm,.50mm		MB-3818P	STD,.25mm,.50mm	
Mitsubishi: 226 CID (2006-2009); Jeep: 226 CID (2002-2009); Chrysler: 226 CID (2002-2009)	MS-2244A		Toyota: 3378 CC (1995-2002)		MS-2241P
MB-3790P	STD,.25mm,.50mm		MB-3819ALU	STD,.25mm,.50mm	
Mitsubishi: 226 CID (2006-2009), 287 CID (2006-2007); Jeep: 226 CID (2002-2009), 287 CID (1999-2009); Chrysler: 226 CID (2002-2009), 287 CID (2000-2009)	MS-2242P MS-2244P		Toyota: 2362 CC (2001-2009); Scion: 2362 CC (2005-2009)		MS-2243AL
MB-3791P	STD,.25mm,.50mm		MB-3822AL	STD,.25mm,.50mm	
Mitsubishi: 2972 CC (1990-2005); Hyundai: 2972 CC (1990-1998); Chrysler: 181 CID (1990-2005)	MS-2226P		Mazda: 2261 CC (2001-2008); Ford: 121 CID (2004-2009), 140 CID (2001-2009)		MS-2245AL
MB-3792AL	STD,.25mm,.50mm		MB-3822H	STD	
Volkswagen: 1781 CC (1998-2005), 1896 CC (1993-2006); Audi: 1781 CC (1997-2001)	MS-2227AL		Mazda: 2261 CC (2003-2008); Ford: 121 CID (2004-2009), 140 CID (2001-2009)		MS-2245H
MB-3793AL	STD,.25mm,.50mm		MB-3823AL(F)	STD,.25mm,.50mm	
Volkswagen: 1781 CC (1998-2005), 1896 CC (1993-2006); Audi: 1781 CC (1997-2001)	MS-2227AL		Mazda: 2261 CC (2001-2008); Ford: 121 CID (2004-2009), 140 CID (2001-2009)		MS-2245AL
MB-3795P	STD		MB-3823H(F)	STD	
Volkswagen: 2771 CC (1998-1999); Audi: 2771 CC (1998-1999)	MS-2228P		Mazda: 2261 CC (2003-2008); Ford: 121 CID (2004-2009), 140 CID (2001-2009)		MS-2245H
MB-3797AL	STD,.25mm		MB-3824AL	STD,10,20,30	
Volkswagen: 2792 CC (1992-2002)	MS-2229AL		Saturn: 122 CID (2004-2009), 134 CID (2000-2007), 145 CID (2006-2009); GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010)		MS-2232AL
MB-3803P	STD,.25mm		MB-3825AL(F)	STD,10,20,30	
Hyundai: 1495 CC (1994-2002)	MS-2234P		Saturn: 122 CID (2004-2009), 134 CID (2000-2007), 145 CID (2006-2009); GM: 122 CID (2005-2009), 134 CID (2002-2010), 145 CID (2006-2010)		MS-2232AL
MB-3804P(F)	STD,.25mm		MB-3826P	STD,.25mm,.50mm	
Hyundai: 1495 CC (1994-2002)	MS-2234P		Freightliner: 165 CID (2002-2006); Chrysler: 165 CID (2003-2006)		MS-2248P
MB-3805P	STD,.25mm,.50mm		MB-3828H(F)	STD,.25mm	
Isuzu: 3165 CC (1992-2004), 3494 CC (1998-2004); Honda: 3165 CC (1994-2002); Acura: 3165 CC (1996-1997)	MS-2236P		Chrysler: 148 CID (2003-2007)		MS-2246H
MB-3806P	STD,.25mm,.50mm		MB-3828P(F)	STD,.25mm,.50mm	
Isuzu: 3165 CC (1992-2004), 3494 CC (1998-2004); Honda: 3165 CC (1994-2002); Acura: 3165 CC (1996-1997)	MS-2236P		Chrysler: 148 CID (2003-2007)		MS-2246P
			MB-3830H	STD,1,10	
			Ford: 351 CID (1969-1998)		MS-2256H
			MB-3830HX	STD	
			Ford: 351 CID (1969-1998)		MS-2256HX
			MB-3840AL(F)	STD,.25mm,.50mm	
			Subaru: 1820 CC (1993-1997), 2212 CC (1990-2001), 2457 CC (1996-1999)		MS-2258AL
			MB-3841A	STD,.25mm,.50mm	
			Ford: 281 CID (1993-2010)		MS-2259A



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-3841H	STD, .25mm, .026mm	MS-2259H MS-2259HK	MB-3891P	STD, .25mm, .50mm	MS-2262P
Ford: 281 CID (1993-2010)			Nissan: 2988 CC (1995-2001), 3498 CC (2001-2007); Infiniti: 2988 CC (1996-2001), 3498 CC (2001-2008)		
MB-3841HX	STD	MS-2259HX MS-2259HXK	MB-3892AL	STD, .25mm, .50mm	MS-2263AL
Ford: 281 CID (1993-2010)			Nissan: 2500 CC (2002-2006)		
MB-3842A(F)	STD, .25mm, .50mm	MS-2259A	MB-3893AL(F)	STD, .25mm, .50mm	MS-2263AL
Ford: 281 CID (1993-2010)			Nissan: 2500 CC (2002-2006)		
MB-3842H(F)	STD, .25mm, .026mm	MS-2259H MS-2259HK	MB-3894AL	STD, .25mm, .50mm	MS-2264AL
Ford: 281 CID (1993-2010)			Honda: 1668 CC (2001-2005)		
MB-3842HX(F)	STD	MS-2259HX MS-2259HXK	MB-3895AL	STD, .25mm, .50mm	MS-2265AL
Ford: 281 CID (1993-2010)			Honda: 1998 CC (2002-2005), 2354 CC (2002-2010); Acura: 1998 CC (2002-2006)		
MB-3850WU	STD	MB-3850WU(20)	MB-3896AL	STD, .25mm, .50mm	MS-2266AL
Custom Performance			Honda: 1339 CC (2003-2009), 1497 CC (2007-2010)		
MB-3874P	STD, .25mm, .50mm, .75mm	MS-2269P	MB-3897AL	STD, .25mm, .50mm	MS-2267AL
Ford: 391 CID (2008-2010)			Toyota: 1794 CC (1998-2007); GM: 110 CID (1998-2008)		
MB-3875P(F)	STD, .25mm, .50mm, .75mm	MS-2269P	MB-3898AL	STD, .25mm, .50mm	MS-2268AL
Ford: 391 CID (2008-2010)			Toyota: 1497 CC (2000-2007); Scion: 1497 CC (2004-2006)		
MB-3879WU	STD	MB-3879WU(20)	MB-3907A(F)	STD, .25mm, .50mm	MS-2279A
Custom Performance			Jeep: 148 CID (2002-2006); Chrysler: 148 CID (1995-2009)		
MB-3881A(F)	STD, .25mm, .50mm, .75mm	MS-2273A MS-2274A MS-2275A	MB-3907H(F)	STD, .25mm	MS-2279H
Saturn: 213 CID (2005-2006), 214 CID (2007-2008), 237 CID (2006-2007); Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2009), 207 CID (1991-2005), 213 CID (2004-2007), 214 CID (2006-2008), 237 CID (2006-2009)			Chrysler: 148 CID (1995-2009)		
MB-3883P	STD, .25mm, .50mm, .75mm	MS-2274A MS-2275A	MB-3907P(F)	STD, .25mm, .50mm	MS-2279P
Saturn: 213 CID (2006), 214 CID (2007-2008), 237 CID (2006-2007); GM: 213 CID (2006-2007), 214 CID (2006-2008), 237 CID (2006-2009)			Jeep: 148 CID (2002-2006); Chrysler: 148 CID (1995-2009)		
MB-3884A	STD, .25mm, .50mm, .75mm	MS-2275A	MB-3922A	.50mm	MS-2285A-.25mm MS-2286A-.25mm
Saturn: 214 CID (2007-2008), 237 CID (2006-2007); GM: 214 CID (2006-2008), 237 CID (2006-2009)			Mitsubishi: 226 CID (2006-2009), 287 CID (2006-2007); Jeep: 226 CID (2002-2009), 287 CID (1999-2009); Chrysler: 226 CID (2002-2009), 287 CID (2000-2009)		
MB-3885A	STD, .25mm, .50mm, .75mm	MS-2275A	MB-4000A(F)	STD, .25mm, .50mm	MS-2028A
Saturn: 214 CID (2007-2008), 237 CID (2006-2007); GM: 214 CID (2006-2008), 237 CID (2006-2009)			Mitsubishi: 1996 CC (1995-1999); Chrysler: 122 CID (1995-2005)		
MB-3886A	STD, 10, 20	MS-2276A	MB-4000P(F)	STD, .25mm, .50mm	MS-2028P MS-2257P
Suzuki: 3564 CC (2007-2009); Saturn: 217 CID (2007-2010); GM: 170 CID (2005-2007), 182 CID (2010), 217 CID (2004-2010)			Mitsubishi: 1996 CC (1995-1999); Chrysler: 122 CID (1995-2005)		
MB-3887A(F)	STD, 10, 20	MS-2276A	MB-4001A	STD, .25mm, .50mm	MS-2028A
Suzuki: 3564 CC (2007-2009); Saturn: 217 CID (2007-2010); GM: 170 CID (2005-2007), 182 CID (2010), 217 CID (2004-2010)			Mitsubishi: 1996 CC (1995-1999); Chrysler: 122 CID (1995-2005)		
MB-3888AL	STD, .25mm	MS-2270AL	MB-4001P	STD, .25mm, .50mm	MS-2028P MS-2257P
Saturn: 181 CID (2000-2005); GM: 181 CID (1997-2001), 197 CID (2003-2004)			Mitsubishi: 1996 CC (1995-1999); Chrysler: 122 CID (1995-2005)		
MB-3889AL	STD, .25mm	MS-2270AL	MB-4002H	STD, 1, 10	MS-2253H
Saturn: 181 CID (2000-2005); GM: 181 CID (1997-2001), 197 CID (2003-2004)			Chrysler: 488 CID (1992-2002)		
MB-3890AL(F)	STD, .25mm	MS-2270AL	MB-4002HX	STD	MS-2253HX
Saturn: 181 CID (2000-2005); GM: 181 CID (1997-2001), 197 CID (2003-2004)			Chrysler: 488 CID (1992-2002)		
			MB-4003H(F)	STD, 1, 10	MS-2253H
			Chrysler: 488 CID (1992-2002)		
			MB-4003HX(F)	STD	MS-2253HX
			Chrysler: 488 CID (1992-2002)		



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
SH-287S	STD GM: 265 CID (1955-1957), 283 CID (1957-1963), 327 CID (1962,1963) Contents: (2)SH-287 (1)SH-288 (1)SH-289 (1)SH-290	SH-777S	STD Ford: 140 CID (1990-1997), 153 CID (1998-2001); Mazda: 140 CID (1994-1997), 2492 CC (1998-2001) Contents: (4)SH-777	SH-1321S	STD Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998) Contents: (1)SH-1321 (1)SH-1322 (1)SH-1323 (1)SH-1324 (1)SH-1325
SH-290S	STD,10 GM: 265 CID (1994-1996), 305 CID (1990-2002), 350 CID (1990-2003); Hummer: 350 CID (1995,1996) Contents: (2)SH-287 (2)SH-288 (1)SH-290	SH-875S	STD Chrysler: 273 CID (1964-1969), 318 CID (1957-1978), 340 CID (1968-1973), 360 CID (1971-1978) Contents: (1)SH-326 (1)SH-327 (1)SH-328 (1)SH-329 (1)SH-875	SH-1326S	STD Chrysler: 135 CID (1990-1994), 153 CID (1990-1995) Contents: (1)SH-1256 (1)SH-1326
SH-291S	STD GM: 389 CID (1959-1962) Contents: (1)SH-291 (4)SH-292	SH-876S	STD Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1959-1971), 400 CID (1971-1978), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1979) Contents: (1)SH-403 (1)SH-404 (1)SH-405 (1)SH-406 (1)SH-876	SH-1349S	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 283 CID (1964-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1964-1969), 350 CID (1967-2003), 400 CID (1970-1980); Hummer: 350 CID (1995,1996) Contents: (1)SH-1349 (2)SH-1350 (2)SH-1351
SH-292S	STD GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1963-1966), 400 CID (1967-1979), 421 CID (1963-1966), 428 CID (1967-1969), 455 CID (1970-1976) Contents: (5)SH-292	SH-1030S	STD GM: 151 CID (1990-1993) Contents: (3)SH-400	SH-1350S	STD GM: 200 CID (1978,1979), 229 CID (1980-1984), 262 CID (1990-2010); Isuzu: 4294 CC (1997-2000) Contents: (1)SH-287 (2)SH-288 (1)SH-290
SH-313S	STD Chrysler: 392 CID (1957,1958) Contents: (1)SH-313 (3)SH-314 (1)SH-315	SH-1060S	STD Toyota: 3956 CC (1990-1992) Contents: (1)SH-1060 (1)SH-1061 (1)SH-1062 (1)SH-1063	SH-1351S	STD GM: 262 CID (1992-2006); Isuzu: 4294 CC (1997-2000) Contents: (1)SH-287 (1)SH-288 (2)SH-290
SH-398S	STD GM: 348 CID (1958-1961), 409 CID (1961-1965) Contents: (1)SH-398 (1)SH-399 (2)SH-400 (1)SH-401	SH-1092S	STD Ford: 445 CID (1990-2003) Contents: (1)SH-1092 (4)SH-1093	SH-1354S	STD GM: 400 CID (1968,1969), 425 CID (1965-1967), 455 CID (1968-1976) Contents: (1)SH-1354 (1)SH-1355 (1)SH-1356 (1)SH-1357 (1)SH-1358
SH-510S	STD Ford: 221 CID (1962,1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998) Contents: (1)SH-510 (1)SH-511 (1)SH-512 (1)SH-513 (1)SH-514	SH-1095S	STD Ford: 140 CID (1990-1997); Mazda: 140 CID (1994-1997) Contents: (1)SH-1095 (1)SH-1096	SH-1355S	STD GM: 307 CID (1990) Contents: (1)SH-1355 (1)SH-1356 (1)SH-1357 (1)SH-1358
SH-615S	STD GM: 366 CID (1966), 396 CID (1965,1966), 427 CID (1966) Contents: (1)SH-615 (1)SH-616 (2)SH-617 (1)SH-618	SH-1111S	STD Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998) Contents: (5)SH-1111	SH-1364S	STD,80 GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005,2006), 207 CID (1993-2005), 213 CID (2004-2007); Isuzu: 2827 CC (1990,1991), 3137 CC (1991-1994); Saturn: 213 CID (2005,2006) Contents: (1)SH-1362 (2)SH-1363 (1)SH-1364
SH-616S	STD GM: 366 CID (1967,1967-1998), 396 CID (1967-1970), 402 CID (1970-1972), 427 CID (1967-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007) Contents: (1)SH-615 (2)SH-616 (2)SH-617	SH-1112S	STD Chrysler: 318 CID (1979-2003), 360 CID (1979-2003), CID (1986,1986-1988); Jeep: 318 CID (1993-1998), 360 CID (1998) Contents: (1)SH-1112 (1)SH-1113 (1)SH-1114 (1)SH-329 (1)SH-875	SH-1365S	STD GM: 134 CID (1990-2003); Isuzu: 2189 CC (1996-2000) Contents: (2)SH-1363 (2)SH-1364 (1)SH-1365
SH-617S	STD GM: 366 CID (1967,1967-1998), 396 CID (1967-1970), 402 CID (1970-1972), 427 CID (1967-1969-1998), 454 CID (1970-2000), 496 CID (2001-2007) Contents: (5)SH-617	SH-1144S	STD Chrysler: 239 CID (1990-2003) Contents: (1)SH-1112 (1)SH-1114 (1)SH-329 (1)SH-875	SH-1366S	STD GM: 379 CID (1990-1993), 395 CID (1992-2002); Hummer: 379 CID (1992-1994), 395 CID (1994-2005) Contents: (1)SH-1366 (1)SH-1367 (1)SH-1368 (1)SH-1369 (1)SH-1370
SH-671S	STD Jeep: 360 CID (1990,1991) Contents: (1)SH-671 (1)SH-672 (1)SH-673 (1)SH-674 (1)SH-675	SH-1251S	STD Ford: 140 CID (1990-1994), 153 CID (1990,1991) Contents: (1)SH-1251 (2)SH-1252 (1)SH-1253		
SH-710S	STD Ford: 351 CID (1970-1982), 400 CID (1971-1982) Contents: (1)SH-511 (1)SH-512 (1)SH-513 (1)SH-514 (1)SH-710	SH-1254S	STD Ford: 300 CID (1990-1996) Contents: (2)SH-1254 (2)SH-567		
		SH-1305S	STD GM: 151 CID (1990,1991) Contents: (3)SH-1305		



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
SH-1371S	STD GM: 273 CID (1990-1992), 300 CID (1991-1995) Contents: (1)SH-1371 (1)SH-1372 (1)SH-1373 (1)SH-1374 (1)SH-1375	SH-1772S	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968,1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968,1969), 350 CID (1967-2002), 400 CID (1970-1980) Contents: (1)SH-1351 (4)SH-400	SH-1990S	STD Chrysler: 345 CID (2003-2009), 370 CID (2005-2009); Jeep: 345 CID (2005-2009), 370 CID (2006-2009) Contents: (1)SH-1990 (1)SH-1991 (1)SH-1992 (1)SH-1993 (1)SH-1994
SH-1390S	STD Ford: 177 CID (1990-1992) Contents: (1)SH-1390 (1)SH-1391 (1)SH-1392 (1)SH-1393	SH-1789S	STD Ford: 183 CID (1990-2008); Mazda: 183 CID (1994-2007) Contents: (1)SH-1334 (2)SH-1335 (1)SH-1789	SH-1995S	STD GM: 294 CID (2003-2007), 325 CID (2003-2007), 346 CID (2003-2005), 364 CID (2003-2007); Hummer: 364 CID (2003-2007); Isuzu: 5328 CC (2003-2006); Saab: 5328 CC (2005-2007) Contents: (2)SH-1814 (1)SH-1816 (2)SH-1995
SH-1396S	STD Toyota: 2237 CC (1990) Contents: (1)SH-1396 (1)SH-1397 (1)SH-1398 (1)SH-1399 (1)SH-1400	SH-1793S	STD Mazda: 2606 CC (1990-1994) Contents: (1)SH-1793 (1)SH-1794 (1)SH-1795	SH-1996S	STD Ford: 363 CID (2003-2010), 391 CID (2008-2010) Contents: (5)SH-1996
SH-1405S	STD Chrysler: 201 CID (1990-2008), 230 CID (1991-2008), 231 CID (2009); Jeep: 231 CID (2007-2009) Contents: (1)SH-1405 (1)SH-1406 (1)SH-1407 (1)SH-1408	SH-1796S	STD GM: 262 CID (1975,1976), 265 CID (1994-1996), 267 CID (1979-1982), 283 CID (1964-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1964-1969), 350 CID (1967-2002), 400 CID (1970-1980) Contents: (5)SH-1351	SH-1997S	STD Chrysler: 226 CID (2002-2009); Jeep: 226 CID (2002-2009); Mitsubishi: 226 CID (2006-2009) Contents: (1)SH-1997 (1)SH-1998
SH-1431S	STD GM: 239 CID (1990,1991) Contents: (1)SH-905 (2)SH-906	SH-1798S	STD GM: 231 CID (1995-2009), 262 CID (1992-2010); Isuzu: 4294 CC (1997-2000) Contents: (1)SH-1798	SH-1999S	STD GM: 403 CID (2001-2009); Hummer: 403 CID (2006) Contents: (1)SH-1999 (4)SH-2006
SH-1441S	STD Ford: 245 CID (1990-2000); Mazda: 4016 CC (1991-2000) Contents: (1)SH-1441 (1)SH-1442 (1)SH-1443 (1)SH-1444	SH-1812S	STD GM: 231 CID (1995-2009) Contents: (2)SH-1812 (2)SH-1813	SH-2000S	STD GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010); Hummer: 211 CID (2006), 223 CID (2007-2010); Isuzu: 2770 CC (2006), 2921 CC (2007,2008), 3460 CC (2006), 3654 CC (2007,2008) Contents: (1)SH-2007 (1)SH-2008 (1)SH-2009 (1)SH-2010
SH-1447S	STD Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008) Contents: (2)SH-1446 (2)SH-1447	SH-1814S	STD GM: 294 CID (1999-2003), 325 CID (1999-2003), 346 CID (1997-2003), 364 CID (1999-2003); Hummer: 364 CID (2003); Isuzu: 5328 CC (2003) Contents: (2)SH-1814 (2)SH-1815 (1)SH-1816	SH-2002S	STD GM: 134 CID (2002-2008), 145 CID (2006-2010); Saturn: 134 CID (2000-2007), 145 CID (2006-2009) Contents: (2)SH-2002
SH-1448S	STD GM: 204 CID (1990-1993), 231 CID (1990-1995) Contents: (2)SH-1361 (2)SH-1448	SH-1816S	STD Custom Performance Contents: (5)SH-1816	SH-2012ST	STD Custom Performance Contents: (5)SH-2012
SH-1465S	STD Chrysler: 98 CID (1990); Hyundai: 1595 CC (1992-1995), 1597 CC (1990); Mitsubishi: 1595 CC (1990-1992) Contents: (1)SH-1465 (1)SH-1466	SH-1817S	STD GM: 138 CID (1995), 146 CID (1996-2002) Contents: (5)SH-1817	SH-2013ST	STD Custom Performance Contents: (5)SH-2013
SH-1469S	STD Chrysler: 122 CID (1985-1998), 144 CID (1990-1996-2005); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998), 2351 CC (1990,1991); Kia: 2351 CC (2001-2006); Mitsubishi: 1997 CC (1985-1999), 2351 CC (1985-1987-2005) Contents: (1)SH-1467 (1)SH-1468 (1)SH-1469	SH-1818S	STD Chrysler: 488 CID (1994-2003) Contents: (1)SH-1818 (1)SH-1819 (1)SH-1820 (1)SH-1821 (1)SH-1822 (1)SH-1823	SH-2014ST	STD Custom Performance Contents: (5)SH-2014
SH-1526S	STD Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008) Contents: (2)SH-1526	SH-1977S	STD Ford: 245 CID (1997-2010); Mazda: 4016 CC (2001-2008) Contents: (1)SH-1977 (1)SH-1978	SH-2015ST	STD Custom Performance Contents: (1)SH-2015 (1)SH-2016 (1)SH-2017 (1)SH-2018 (1)SH-2019
SH-1766S	STD Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998) Contents: (5)SH-1766	SH-1980S	STD Chrysler: 150 CID (1996-2002); Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990) Contents: (1)SH-1980 (1)SH-550 (1)SH-551 (1)SH-552	SH-2020S	STD Chrysler: 287 CID (2000-2009); Jeep: 287 CID (1999-2009); Mitsubishi: 287 CID (2006,2007) Contents: (5)SH-2020

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
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SH-2121S	STD				
GM: 204 CID (2007-2009), 214 CID (2006-2008), 237 CID (2006-2009); Saturn: 214 CID (2007,2008), 237 CID (2006,2007)					
Contents: (1)SH-2121 (2)SH-2122 (1)SH-2123					
SH-2125S	STD				
GM: 294 CID (2003-2010), 325 CID (2003-2010), 346 CID (2003-2005), 364 CID (2003-2010), 376 CID (2007-2010), 427 CID (2006-2010); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008,2009); Isuzu: 5328 CC (2003-2006); Saab: 364 CID (2008), 5328 CC (2005-2009)					
Contents: (2)SH-1995 (2)SH-2124 (1)SH-2125					
SH-2127S	STD				
Custom Performance					
Contents: (1)SH-1111 (1)SH-277 (3)SH-710					



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-277	STD		SH-401	STD	
Custom Performance		SH-2127S	GM: 348 CID (1958-1961), 409 CID (1961-1965)		SH-398S
SH-287	STD,10		SH-403	STD	
Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 200 CID (1978-1979), 229 CID (1980-1984), 262 CID (1990-2010), 265 CID (1955-1957, 1994-1996), 283 CID (1957-1963), 305 CID (1990-2002), 327 CID (1962-1963), 350 CID (1990-2003)		SH-287S SH-290S SH-1350S SH-1351S	Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1959-1971), 400 CID (1971-1978), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1979)		SH-876S
SH-288	STD,10		SH-404	STD	
Isuzu: 4294 CC (1997-2000); Hummer: 350 CID (1995-1996); GM: 200 CID (1978-1979), 229 CID (1980-1984), 262 CID (1990-2010), 265 CID (1955-1957, 1994-1996), 283 CID (1957-1963), 305 CID (1990-2002), 327 CID (1962-1963), 350 CID (1990-2003)		SH-287S SH-290S SH-1350S SH-1351S	Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1959-1971), 400 CID (1971-1978), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1979)		SH-876S
SH-289	STD		SH-405	STD	
GM: 265 CID (1955-1957), 283 CID (1957-1963), 327 CID (1962-1963)		SH-287S	Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1959-1971), 400 CID (1971-1978), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1979)		SH-876S
SH-291	STD		SH-406	STD	
GM: 389 CID (1959-1962)		SH-291S	Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1959-1971), 400 CID (1971-1978), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1979)		SH-876S
SH-292	STD		SH-510	STD	
GM: 326 CID (1963-1967), 350 CID (1968-1977), 389 CID (1959-1966), 400 CID (1967-1979), 421 CID (1963-1966), 428 CID (1967-1969), 455 CID (1970-1976)		SH-291S SH-292S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998)		SH-510S
SH-313	STD		SH-511	STD	
Chrysler: 392 CID (1957-1958)		SH-313S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998), 400 CID (1971-1982)		SH-510S SH-710S
SH-314	STD		SH-512	STD	
Chrysler: 392 CID (1957-1958)		SH-313S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998), 400 CID (1971-1982)		SH-510S SH-710S
SH-315	STD		SH-513	STD	
Chrysler: 392 CID (1957-1958)		SH-313S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998), 400 CID (1971-1982)		SH-510S SH-710S
SH-326	STD		SH-514	STD	
Chrysler: 273 CID (1964-1969), 318 CID (1957-1978), 340 CID (1968-1973), 360 CID (1971-1978)		SH-875S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998), 400 CID (1971-1982)		SH-510S SH-710S
SH-327	STD		SH-550	STD	
Chrysler: 273 CID (1964-1969), 318 CID (1957-1978), 340 CID (1968-1973), 360 CID (1971-1978)		SH-875S	Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990); Chrysler: 150 CID (1996-2002)		SH-1980S
SH-328	STD		SH-551	STD	
Chrysler: 273 CID (1964-1969), 318 CID (1957-1978), 340 CID (1968-1973), 360 CID (1971-1978)		SH-875S	Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990); Chrysler: 150 CID (1996-2002)		SH-1980S
SH-329	STD		SH-552	STD	
Jeep: 318 CID (1993-1998), 360 CID (1998); Chrysler: 239 CID (1990-2003), 273 CID (1964-1969), 318 CID (1957-2003), 340 CID (1968-1973), 360 CID (1971-2003), CID (1986, 1986, 1988)		SH-875S SH-1112S SH-1114S	Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990); Chrysler: 150 CID (1996-2002)		SH-1980S
SH-398	STD		SH-567	STD	
GM: 348 CID (1958-1961), 409 CID (1961-1965)		SH-398S	Ford: 300 CID (1990-1996)		SH-1254S
SH-399	STD				
GM: 348 CID (1958-1961), 409 CID (1961-1965)		SH-398S			
SH-400	STD				
GM: 151 CID (1990-1993), 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 302 CID (1968-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1968-1969), 348 CID (1958-1961), 350 CID (1967-2002), 400 CID (1970-1980), 409 CID (1961-1965)		SH-398S SH-1030S SH-1772S			



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-615	STD		SH-1095	STD	
GM: 366 CID (1966-1967,1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000), 496 CID (2001-2007)		SH-615S SH-616S	Mazda: 140 CID (1994-1997); Ford: 140 CID (1990-1997)		SH-1095S
SH-616	STD		SH-1096	STD	
GM: 366 CID (1966-1967,1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000), 496 CID (2001-2007)		SH-615S SH-616S	Mazda: 140 CID (1994-1997); Ford: 140 CID (1990-1997)		SH-1095S
SH-617	STD		SH-1111	STD	
GM: 366 CID (1966-1967,1980-1998), 396 CID (1965-1970), 402 CID (1970-1972), 427 CID (1966-1969,1980-1998), 454 CID (1970-2000), 496 CID (2001-2007)		SH-615S SH-616S SH-617S	Custom Performance; Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998)		SH-1111S SH-2127S
SH-618	STD		SH-1112	STD	
GM: 366 CID (1966), 396 CID (1965-1966), 427 CID (1966)		SH-615S	Jeep: 318 CID (1993-1998), 360 CID (1998); Chrysler: 239 CID (1990-2003), 318 CID (1979-2003), 360 CID (1979-2003), CID (1986,1986,1988)		SH-1112S SH-1114S
SH-671	STD		SH-1113	STD	
Jeep: 360 CID (1990-1991)		SH-671S	Jeep: 318 CID (1993-1998), 360 CID (1998); Chrysler: 318 CID (1979-2003), 360 CID (1979-2003), CID (1986,1986,1988)		SH-1112S
SH-672	STD		SH-1114	STD	
Jeep: 360 CID (1990-1991)		SH-671S	Jeep: 318 CID (1993-1998), 360 CID (1998); Chrysler: 239 CID (1990-2003), 318 CID (1979-2003), 360 CID (1979-2003), CID (1986,1986,1988)		SH-1112S SH-1114S
SH-673	STD		SH-1251	STD	
Jeep: 360 CID (1990-1991)		SH-671S	Ford: 140 CID (1990-1994), 153 CID (1990-1991)		SH-1251S
SH-674	STD		SH-1252	STD	
Jeep: 360 CID (1990-1991)		SH-671S	Ford: 140 CID (1990-1994), 153 CID (1990-1991)		SH-1251S
SH-675	STD		SH-1253	STD	
Jeep: 360 CID (1990-1991)		SH-671S	Ford: 140 CID (1990-1994), 153 CID (1990-1991)		SH-1251S
SH-710	STD		SH-1254	STD	
Ford: 351 CID (1970-1982), 400 CID (1971-1982)		SH-710S	Ford: 300 CID (1990-1996)		SH-1254S
SH-777	STD		SH-1256	STD	
Mazda: 140 CID (1994-1997), 2492 CC (1998-2001); Ford: 140 CID (1990-1997), 153 CID (1998-2001)		SH-777S	Chrysler: 135 CID (1990-1994), 153 CID (1990-1995)		SH-1326S
SH-875	STD		SH-1305	STD	
Jeep: 318 CID (1993-1998), 360 CID (1998); Chrysler: 239 CID (1990-2003), 273 CID (1964-1969), 318 CID (1957-2003), 340 CID (1968-1973), 360 CID (1971-2003), CID (1986,1986,1988)		SH-875S SH-1112S SH-1114S	GM: 151 CID (1990-1991)		SH-1305S
SH-876	STD		SH-1321	STD	
Chrysler: 350 CID (1958), 361 CID (1958-1966), 383 CID (1959-1971), 400 CID (1971-1978), 413 CID (1959-1965), 426 CID (1963-1971), 440 CID (1966-1979)		SH-876S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998)		SH-1321S
SH-905	STD		SH-1322	STD	
GM: 239 CID (1990-1991)		SH-1431S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998)		SH-1321S
SH-906	STD		SH-1323	STD	
GM: 239 CID (1990-1991)		SH-1431S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998)		SH-1321S
SH-1060	STD		SH-1324	STD	
Toyota: 3956 CC (1990-1992)		SH-1060S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998)		SH-1321S
SH-1061	STD		SH-1325	STD	
Toyota: 3956 CC (1990-1992)		SH-1060S	Ford: 221 CID (1962-1963), 255 CID (1980-1982), 260 CID (1962-1964), 289 CID (1963-1968), 302 CID (1968-2001), 351 CID (1969-1998)		SH-1321S
SH-1062	STD		SH-1326	STD	
Toyota: 3956 CC (1990-1992)		SH-1060S	Chrysler: 135 CID (1990-1994), 153 CID (1990-1995)		SH-1326S
SH-1063	STD				
Toyota: 3956 CC (1990-1992)		SH-1060S			
SH-1092	STD				
Ford: 445 CID (1990-2003)		SH-1092S			
SH-1093	STD				
Ford: 445 CID (1990-2003)		SH-1092S			



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-1334	STD Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)	SH-1789S	SH-1364	STD,80 Saturn: 213 CID (2005-2006); Isuzu: 2189 CC (1996-2000), 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 134 CID (1990-2003), 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2006), 207 CID (1993-2005), 213 CID (2004-2007)	SH-1364S SH-1365S
SH-1335	STD Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)	SH-1789S	SH-1365	STD Isuzu: 2189 CC (1996-2000); GM: 134 CID (1990-2003)	SH-1365S
SH-1349	STD Hummer: 350 CID (1995-1996); GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 283 CID (1964-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1964-1969), 350 CID (1967-2003), 400 CID (1970-1980)	SH-1349S	SH-1366	STD Hummer: 379 CID (1992-1994), 395 CID (1994-2005); GM: 379 CID (1990-1993), 395 CID (1992-2002)	SH-1366S
SH-1350	STD Hummer: 350 CID (1995-1996); GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 283 CID (1964-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1964-1969), 350 CID (1967-2003), 400 CID (1970-1980)	SH-1349S	SH-1367	STD Hummer: 379 CID (1992-1994), 395 CID (1994-2005); GM: 379 CID (1990-1993), 395 CID (1992-2002)	SH-1366S
SH-1351	STD Hummer: 350 CID (1995-1996); GM: 262 CID (1975-1976), 265 CID (1994-1996), 267 CID (1979-1982), 283 CID (1964-1967), 302 CID (1967-1969), 305 CID (1976-2002), 307 CID (1968-1973), 327 CID (1964-1969), 350 CID (1967-2003), 400 CID (1970-1980)	SH-1349S SH-1772S SH-1796S	SH-1368	STD Hummer: 379 CID (1992-1994), 395 CID (1994-2005); GM: 379 CID (1990-1993), 395 CID (1992-2002)	SH-1366S
SH-1354	STD GM: 400 CID (1965-1969), 425 CID (1965-1967), 455 CID (1968-1976)	SH-1354S	SH-1369	STD Hummer: 379 CID (1992-1994), 395 CID (1994-2005); GM: 379 CID (1990-1993), 395 CID (1992-2002)	SH-1366S
SH-1355	STD GM: 307 CID (1990), 400 CID (1965-1969), 425 CID (1965-1967), 455 CID (1968-1976)	SH-1354S SH-1355S	SH-1370	STD Hummer: 379 CID (1992-1994), 395 CID (1994-2005); GM: 379 CID (1990-1993), 395 CID (1992-2002)	SH-1366S
SH-1356	STD GM: 307 CID (1990), 400 CID (1965-1969), 425 CID (1965-1967), 455 CID (1968-1976)	SH-1354S SH-1355S	SH-1371	STD GM: 273 CID (1990-1992), 300 CID (1991-1995)	SH-1371S
SH-1357	STD GM: 307 CID (1990), 400 CID (1965-1969), 425 CID (1965-1967), 455 CID (1968-1976)	SH-1354S SH-1355S	SH-1372	STD GM: 273 CID (1990-1992), 300 CID (1991-1995)	SH-1371S
SH-1358	STD GM: 307 CID (1990), 400 CID (1965-1969), 425 CID (1965-1967), 455 CID (1968-1976)	SH-1354S SH-1355S	SH-1373	STD GM: 273 CID (1990-1992), 300 CID (1991-1995)	SH-1371S
SH-1359	STD GM: 307 CID (1990)	SH-1355S	SH-1374	STD GM: 273 CID (1990-1992), 300 CID (1991-1995)	SH-1371S
SH-1360	STD GM: 181 CID (1982-1988), 196 CID (1978-1979), 231 CID (1978-1989), 252 CID (1980-1984)	SH-1360	SH-1375	STD GM: 273 CID (1990-1992), 300 CID (1991-1995)	SH-1371S
SH-1361	STD GM: 204 CID (1990-1993), 231 CID (1990-1995)	SH-1448S	SH-1390	STD Ford: 177 CID (1990-1992)	SH-1390S
SH-1362	STD,80 Saturn: 213 CID (2005-2006); Isuzu: 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2006), 207 CID (1993-2005), 213 CID (2004-2007)	SH-1364S	SH-1391	STD Ford: 177 CID (1990-1992)	SH-1390S
SH-1363	STD,80 Saturn: 213 CID (2005-2006); Isuzu: 2189 CC (1996-2000), 2827 CC (1990-1991), 3137 CC (1991-1994); GM: 134 CID (1990-2003), 173 CID (1990-1993), 189 CID (1990-2005), 204 CID (2005-2006), 207 CID (1993-2005), 213 CID (2004-2007)	SH-1364S SH-1365S	SH-1392	STD Ford: 177 CID (1990-1992)	SH-1390S
			SH-1393	STD Ford: 177 CID (1990-1992)	SH-1390S
			SH-1396	STD Toyota: 2237 CC (1990)	SH-1396S
			SH-1397	STD Toyota: 2237 CC (1990)	SH-1396S
			SH-1398	STD Toyota: 2237 CC (1990)	SH-1396S
			SH-1399	STD Toyota: 2237 CC (1990)	SH-1396S
			SH-1400	STD Toyota: 2237 CC (1990)	SH-1396S
			SH-1404	STD Chrysler: 359 CID (1990-1998)	SH-1404



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PART NO.	UNDERSIZES	CONTAINED IN	PART NO.	UNDERSIZES	CONTAINED IN
APPLICATION			APPLICATION		
SH-1405	STD		SH-1469	STD	
Jeep: 231 CID (2007-2009); Chrysler: 201 CID (1990-2008), 230 CID (1991-2008), 231 CID (2009)		SH-1405S	Mitsubishi: 1997 CC (1985-1999), 2351 CC (1985-1987,1989-2005); Kia: 2351 CC (2001-2006); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998), 2351 CC (1990-1991); Chrysler: 122 CID (1985-1998), 144 CID (1990-1996,2001-2005)		SH-1469S
SH-1406	STD		SH-1526	STD	
Jeep: 231 CID (2007-2009); Chrysler: 201 CID (1990-2008), 230 CID (1991-2008), 231 CID (2009)		SH-1405S	Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008)		
SH-1407	STD		SH-1766	STD	
Jeep: 231 CID (2007-2009); Chrysler: 201 CID (1990-2008), 230 CID (1991-2008), 231 CID (2009)		SH-1405S	Ford: 370 CID (1980-1991), 429 CID (1968-1973), 460 CID (1968-1998)		
SH-1408	STD		SH-1789	STD	
Jeep: 231 CID (2007-2009); Chrysler: 201 CID (1990-2008), 230 CID (1991-2008), 231 CID (2009)		SH-1405S	Mazda: 183 CID (1994-2007); Ford: 183 CID (1990-2008)		SH-1789S
SH-1441	STD		SH-1793	STD	
Mazda: 4016 CC (1991-2000); Ford: 245 CID (1990-2000)		SH-1441S	Mazda: 2606 CC (1990-1994)		SH-1793S
SH-1442	STD		SH-1794	STD	
Mazda: 4016 CC (1991-2000); Ford: 245 CID (1990-2000)		SH-1441S	Mazda: 2606 CC (1990-1994)		SH-1793S
SH-1443	STD		SH-1795	STD	
Mazda: 4016 CC (1991-2000); Ford: 245 CID (1990-2000)		SH-1441S	Mazda: 2606 CC (1990-1994)		SH-1793S
SH-1444	STD		SH-1798	STD	
Mazda: 4016 CC (1991-2000); Ford: 245 CID (1990-2000)		SH-1441S	Isuzu: 4294 CC (1997-2000); GM: 231 CID (1995-2009), 262 CID (1992-2010)		SH-1798S
SH-1446	STD		SH-1812	STD	
Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008)			GM: 231 CID (1995-2009)		SH-1812S
SH-1447	STD		SH-1813	STD	
Ford: 232 CID (1990-2004), 238 CID (2004-2007), 256 CID (1997-2008)			GM: 231 CID (1995-2009)		SH-1812S
SH-1448	STD		SH-1814	STD	
GM: 204 CID (1990-1993), 231 CID (1990-1995)		SH-1448S	Saab: 5328 CC (2005-2007); Isuzu: 5328 CC (2003-2006); Hummer: 364 CID (2003-2007); GM: 294 CID (1999-2007), 325 CID (1999-2007), 346 CID (1997-2005), 364 CID (1999-2007)		SH-1814S SH-1995S
SH-1465	STD		SH-1815	STD	
Mitsubishi: 1595 CC (1990-1992); Hyundai: 1595 CC (1992-1995), 1597 CC (1990); Chrysler: 98 CID (1990)		SH-1465S	Isuzu: 5328 CC (2003); Hummer: 364 CID (2003); GM: 294 CID (1999-2003), 325 CID (1999-2003), 346 CID (1997-2003), 364 CID (1999-2003)		SH-1814S
SH-1466	STD		SH-1816	STD	
Mitsubishi: 1595 CC (1990-1992); Hyundai: 1595 CC (1992-1995), 1597 CC (1990); Chrysler: 98 CID (1990)		SH-1465S	Saab: 5328 CC (2005-2007); Custom Performance; Isuzu: 5328 CC (2003-2006); Hummer: 364 CID (2003-2007); GM: 294 CID (1999-2007), 325 CID (1999-2007), 346 CID (1997-2005), 364 CID (1999-2007)		SH-1814S SH-1816S SH-1995S
SH-1467	STD		SH-1817	STD	
Mitsubishi: 1997 CC (1985-1999), 2351 CC (1985-1987,1989-2005); Kia: 2351 CC (2001-2006); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998), 2351 CC (1990-1991); Chrysler: 122 CID (1985-1998), 144 CID (1990-1996,2001-2005)		SH-1469S	GM: 138 CID (1995), 146 CID (1996-2002)		SH-1817S
SH-1468	STD		SH-1818	STD	
Mitsubishi: 1997 CC (1985-1999), 2351 CC (1985-1987,1989-2005); Kia: 2351 CC (2001-2006); Hyundai: 1975 CC (1998-2001), 1997 CC (1992-1998), 2351 CC (1990-1991); Chrysler: 122 CID (1985-1998), 144 CID (1990-1996,2001-2005)		SH-1469S	Chrysler: 488 CID (1994-2003)		SH-1818S
			SH-1819	STD	
			Chrysler: 488 CID (1994-2003)		SH-1818S
			SH-1820	STD	
			Chrysler: 488 CID (1994-2003)		SH-1818S
			SH-1821	STD	
			Chrysler: 488 CID (1994-2003)		SH-1818S
			SH-1822	STD	
			Chrysler: 488 CID (1994-2003)		SH-1818S
			SH-1823	STD	
			Chrysler: 488 CID (1994-2003)		SH-1818S
			SH-1977	STD	
			Mazda: 4016 CC (2001-2008); Ford: 245 CID (1997-2010)		SH-1977S



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-1978	STD		SH-2008	STD	
Mazda: 4016 CC (2001-2008); Ford: 245 CID (1997-2010)		SH-1977S	Isuzu: 2770 CC (2006), 2921 CC (2007-2008), 3460 CC (2006), 3654 CC (2007-2008); Hummer: 211 CID (2006), 223 CID (2007-2010); GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010)		SH-2000S
SH-1980	STD		SH-2009	STD	
Jeep: 150 CID (1990-2002), 242 CID (1990-2006), 258 CID (1990); Chrysler: 150 CID (1996-2002)		SH-1980S	Isuzu: 2770 CC (2006), 2921 CC (2007-2008), 3460 CC (2006), 3654 CC (2007-2008); Hummer: 211 CID (2006), 223 CID (2007-2010); GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010)		SH-2000S
SH-1981	STD		SH-2010	STD	
Chrysler: 359 CID (1998-2005)		SH-1981	Isuzu: 2770 CC (2006), 2921 CC (2007-2008), 3460 CC (2006), 3654 CC (2007-2008); Hummer: 211 CID (2006), 223 CID (2007-2010); GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010)		SH-2000S
SH-1990	STD		SH-2012	STD	
Jeep: 345 CID (2005-2009), 370 CID (2006-2009); Chrysler: 345 CID (2003-2009), 370 CID (2005-2009)		SH-1990S	Custom Performance		SH-2012ST
SH-1991	STD		SH-2013	STD	
Jeep: 345 CID (2005-2009), 370 CID (2006-2009); Chrysler: 345 CID (2003-2009), 370 CID (2005-2009)		SH-1990S	Custom Performance		SH-2013ST
SH-1992	STD		SH-2014	STD	
Jeep: 345 CID (2005-2009), 370 CID (2006-2009); Chrysler: 345 CID (2003-2009), 370 CID (2005-2009)		SH-1990S	Custom Performance		SH-2014ST
SH-1993	STD		SH-2015	STD	
Jeep: 345 CID (2005-2009), 370 CID (2006-2009); Chrysler: 345 CID (2003-2009), 370 CID (2005-2009)		SH-1990S	Custom Performance		SH-2015ST
SH-1994	STD		SH-2016	STD	
Jeep: 345 CID (2005-2009), 370 CID (2006-2009); Chrysler: 345 CID (2003-2009), 370 CID (2005-2009)		SH-1990S	Custom Performance		SH-2015ST
SH-1995	STD		SH-2017	STD	
Saab: 364 CID (2008), 5328 CC (2005-2009); Isuzu: 5328 CC (2003-2006); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008-2009); GM: 294 CID (2003-2010), 325 CID (2003-2010), 346 CID (2003-2005), 364 CID (2003-2010), 376 CID (2007-2010), 427 CID (2006-2010)		SH-1995S SH-2125S	Custom Performance		SH-2015ST
SH-1996	STD		SH-2018	STD	
Ford: 363 CID (2003-2010), 391 CID (2008-2010)		SH-1996S	Custom Performance		SH-2015ST
SH-1997	STD		SH-2019	STD	
Mitsubishi: 226 CID (2006-2009); Jeep: 226 CID (2002-2009); Chrysler: 226 CID (2002-2009)		SH-1997S	Custom Performance		SH-2015ST
SH-1998	STD		SH-2020	STD	
Mitsubishi: 226 CID (2006-2009); Jeep: 226 CID (2002-2009); Chrysler: 226 CID (2002-2009)		SH-1997S	Mitsubishi: 287 CID (2006-2007); Jeep: 287 CID (1999-2009); Chrysler: 287 CID (2000-2009)		SH-2020S
SH-1999	STD		SH-2121	STD	
Hummer: 403 CID (2006); GM: 403 CID (2001-2009)		SH-1999S	Saturn: 214 CID (2007-2008), 237 CID (2006-2007); GM: 204 CID (2007-2009), 214 CID (2006-2008), 237 CID (2006-2009)		SH-2121S
SH-2002	STD		SH-2122	STD	
Saturn: 134 CID (2000-2007), 145 CID (2006-2009); GM: 134 CID (2002-2008), 145 CID (2006-2010)		SH-2002S	Saturn: 214 CID (2007-2008), 237 CID (2006-2007); GM: 204 CID (2007-2009), 214 CID (2006-2008), 237 CID (2006-2009)		SH-2121S
SH-2006	STD		SH-2123	STD	
Hummer: 403 CID (2006); GM: 403 CID (2001-2009)		SH-1999S	Saturn: 214 CID (2007-2008), 237 CID (2006-2007); GM: 204 CID (2007-2009), 214 CID (2006-2008), 237 CID (2006-2009)		SH-2121S
SH-2007	STD		SH-2124	STD	
Isuzu: 2770 CC (2006), 2921 CC (2007-2008), 3460 CC (2006), 3654 CC (2007-2008); Hummer: 211 CID (2006), 223 CID (2007-2010); GM: 169 CID (2004-2006), 178 CID (2007-2010), 211 CID (2004-2006), 223 CID (2007-2010)		SH-2000S	Saab: 364 CID (2008), 5328 CC (2005-2009); Isuzu: 5328 CC (2003-2006); Hummer: 325 CID (2008-2010), 364 CID (2003-2007), 376 CID (2008-2009); GM: 294 CID (2003-2010), 325 CID (2003-2010), 346 CID (2003-2005), 364 CID (2003-2010), 376 CID (2007-2010), 427 CID (2006-2010)		SH-2125S



PART NO.	UNDERSIZES	CONTAINED IN	PART NO.	UNDERSIZES	CONTAINED IN
APPLICATION			APPLICATION		

SH-2125	STD				
Saab: 364 CID (2008), 5328 CC (2005-2009);		SH-2125S			
Isuzu: 5328 CC (2003-2006); Hummer: 325 CID					
(2008-2010), 364 CID (2003-2007), 376 CID					
(2008-2009); GM: 294 CID (2003-2010), 325 CID					
(2003-2010), 346 CID (2003-2005), 364 CID					
(2003-2010), 376 CID (2007-2010), 427 CID					
(2006-2010)					



NUMERICAL LISTING OF THRUST WASHER SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
TW-120S	STD Chrysler: 426 CID (1963-1971) Contents: (2)MB-1739W(L) (2)MB-1739W(U)	TW-551S	STD Nissan: 1597 CC (1990-1999) Contents: (2)MB-3343W	TW-606S	STD Chrysler: 167 CID (1998-2009), 197 CID (1998-2001), 215 CID (1999-2010) Contents: (2)MB-3768W
TW-120SK	STD Chrysler: 426 CID (1963-1971) Contents: (2)MB-1739W(L) (2)MB-1739W(U)	TW-552S	STD Ford: 152 CID (1993-1997); Mazda: 2254 CC (1995-2002), 2497 CC (1993-1998), 2954 CC (1990-1998) Contents: (4)MB-3347W	TW-608S	STD Chrysler: 226 CID (2002-2009), 287 CID (2000-2009); Jeep: 226 CID (2002-2009), 287 CID (1999-2009); Mitsubishi: 226 CID (2006-2009), 287 CID (2006,2007) Contents: (2)MB-3771W
TW-130S	STD Chrysler: 426 CID (1963-1971) Contents: (2)MB-2292W(L) (2)MB-2292W(U)	TW-553S	STD Toyota: 1456 CC (1990-1994), 1497 CC (1992-1999) Contents: (4)MB-3348W	TW-610S	STD GM: 403 CID (2001-2009); Hummer: 403 CID (2006) Contents: (3)MB-3776W
TW-228S	STD Toyota: 2954 CC (1990-1992) Contents: (2)MB-627W(L) (2)MB-627W(U)	TW-554S	STD Lexus: 2507 CC (1990,1991), 2959 CC (1992,1993); Toyota: 2507 CC (1990,1991), 2958 CC (1990-1995), 2959 CC (1992,1993), 3378 CC (1995-2002) Contents: (4)MB-3350W	TW-611S	STD Chrysler: 345 CID (2003-2010), 370 CID (2005-2010); Jeep: 345 CID (2005-2010), 370 CID (2006-2010) Contents: (2)MB-3780W
TW-327S	STD Honda: 1493 CC (1990-1995) Contents: (0)MB-2753W(U)	TW-587S	STD Acura: 2156 CC (1997); Honda: 2156 CC (1990-1997), 2157 CC (1993-1997), 2259 CC (1992-1996); Isuzu: 2156 CC (1996,1997) Contents: (2)MB-3474W	TW-612S	STD Audi: 1781 CC (1997-2001); Volkswagen: 1781 CC (1998-2005), 1896 CC (1993-2006) Contents: (2)MB-3794WL (2)MB-3794WU
TW-368S	STD GM: 239 CID (1990,1991) Contents: (2)MB-2851W(L) (2)MB-2851W(U)	TW-588S	STD Lexus: 3969 CC (1990-2000), 4663 CC (1998-2009); Toyota: 4663 CC (1998-2009) Contents: (2)MB-3476W(L) (2)MB-3476W(U)	TW-613S	STD Audi: 2771 CC (1998,1999); Volkswagen: 2771 CC (1998,1999) Contents: (1)MB-3796WL (1)MB-3796WU
TW-401S	STD GM: 98 CID (1990-1997), 108 CID (1993-1997); Toyota: 1587 CC (1990-1997), 1762 CC (1993-1997) Contents: (2)MB-2965W(L) (2)MB-2965W(U)	TW-589S	STD Lexus: 2997 CC (1992-2005); Toyota: 2997 CC (1993-1998) Contents: (2)MB-3477W(L) (2)MB-3477W(U)	TW-614S	STD Volkswagen: 2792 CC (1992-2002) Contents: (2)MB-3798WL (2)MB-3798WU
TW-451S	STD Honda: 2559 CC (1994-1996); Isuzu: 2254 CC (1990-1995), 2559 CC (1990-1997) Contents: (2)MB-3061W	TW-590S	STD Infiniti: 1998 CC (1991-1996-2002); Nissan: 1998 CC (1991-1998) Contents: (2)MB-3478W	TW-615S	STD Acura: 3165 CC (1996,1997); Honda: 3165 CC (1994-2002); Isuzu: 3165 CC (1992-2004), 3494 CC (1998-2004) Contents: (2)MB-3807W
TW-455S	STD GM: 61 CID (1990-2001), 79 CID (1992-2001); Suzuki: 1298 CC (1990-1995) Contents: (2)MB-3172W	TW-592S	STD Toyota: 1998 CC (1990-2000), 2164 CC (1990-2001), 2237 CC (1990) Contents: (2)MB-3201W(L) (2)MB-3201W(U)	TW-616S	STD Mazda: 1844 CC (1992-1994) Contents: (4)MB-3810W
TW-458S	STD Chrysler: 152 CID (1995-2000), 181 CID (1990-2005); Hyundai: 2972 CC (1990-1998); Mitsubishi: 2497 CC (1995), 2972 CC (1990-2005) Contents: (2)MB-3108W(L) (2)MB-3108W(U)	TW-596S	STD Ford: 122 CID (1993-1997); Mazda: 1991 CC (1993-2003) Contents: (2)MB-3544W	TW-617S	STD Mitsubishi: 3497 CC (1994-2004) Contents: (1)MB-3812W
TW-462S	STD Toyota: 3956 CC (1990-1992) Contents: (2)MB-3195W(L) (2)MB-3195W(U)	TW-598S	STD Lexus: 4476 CC (1996,1997); Toyota: 4476 CC (1993-1997) Contents: (2)MB-3551W(L) (2)MB-3551W(U)	TW-618S	STD Lexus: 2995 CC (1994-2003); Toyota: 2995 CC (1994-2002) Contents: (4)MB-3816W
TW-463S	STD Toyota: 2366 CC (1990-1995) Contents: (2)MB-2925W(U) (2)MB2925W(L)	TW-599S	STD Daihatsu: 1295 CC (1990-1993), 1589 CC (1990-1995) Contents: (1)MB-3554W	TW-619S	STD Scion: 2362 CC (2005-2009); Toyota: 2362 CC (2001-2009) Contents: (2)MB-3821W
TW-472S	STD Ford: 81 CID (1990-1997), 98 CID (1991-1994), 112 CID (1991-1996); Kia: 1597 CC (1994-1997), 1839 CC (1995-1997); Mazda: 1489 CC (1995-1998), 1597 CC (1990-1996), 1839 CC (1990-1997-2005) Contents: (2)MB-3173W	TW-604S	STD Toyota: 2438 CC (1995-2001), 2694 CC (1994-2001) Contents: (4)MB-3762W	TW-620S	STD Chrysler: 165 CID (2003-2006); Freightliner: 165 CID (2002-2006) Contents: (4)MB-3826W
TW-473S	STD Acura: 1590 CC (1997-2000), 1678 CC (1992,1993), 1797 CC (1994-2001), 1834 CC (1990-2001); Honda: 1590 CC (1990-2000), 1595 CC (1994-1997,2000), 1958 CC (1990,1991), 1972 CC (1997-2001), 2056 CC (1990,1991), 2157 CC (1998-2001) Contents: (2)MB-3176W	TW-605S	STD Chrysler: 112 CID (1992-1996); Mitsubishi: 1834 CC (1992-2002) Contents: (2)MB-3763W	TW-677S	STD Chrysler: 144 CID (2001-2005); Mitsubishi: 1997 CC (1997-1999), 2351 CC (1997-2005) Contents: (1)MB-3854W
TW-478S	STD GM: 97 CID (1990-2002); Suzuki: 1590 CC (1990-2001) Contents: (2)MB-3209W			TW-678S	STD Infiniti: 2988 CC (1996-2001), 3498 CC (2001-2008); Nissan: 2988 CC (1995-2001), 3498 CC (2001-2007) Contents: (2)MB-3899W(L) (2)MB-3899W(U)



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
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TW-679S	STD	Nissan: 2500 CC (2002-2006) Contents: (2)MB-3900W(L) (2)MB-3900W(U)			
TW-680S	STD	Honda: 1668 CC (2001-2005) Contents: (2)MB-3901W			
TW-681S	STD	Acura: 1998 CC (2002-2006), 2254 CC (1998,1999), 2354 CC (2004-2008); Honda: 1998 CC (2002-2005), 2254 CC (1998-2002), 2354 CC (2002-2010) Contents: (2)MB-3902W			
TW-683S	STD	GM: 110 CID (1998-2008); Toyota: 1794 CC (1998-2007) Contents: (2)MB-3903W			
TW-684S	STD	Scion: 1497 CC (2004-2006); Toyota: 1497 CC (2000-2007) Contents: (2)MB-3904W			



NUMERICAL LISTING OF PIN BUSHINGS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
223-3484	STD Chrysler: 318 CID (1990-2003); Jeep: 318 CID (1993-1998)	223-3671	STD Ford: 363 CID (2003-2010)		
223-3576	STD GM: 379 CID (1990-1993), 395 CID (1992-2002); Hummer: 379 CID (1992-1994), 395 CID (1994-2005)	223-3679	STD Ford: 281 CID (2005-2010), 302 CID (2011), 330 CID (2005-2010), 415 CID (2005-2009)		
223-3583	STD Ford: 445 CID (1990-1994)				
223-3597	STD GM: 307 CID (1990)				
223-3611	STD Toyota: 2954 CC (1990-1992)				
223-3612	STD Toyota: 2366 CC (1990-1995)				
223-3618	STD Chrysler: 215 CID (1993-1997)				
223-3620	STD Ford: 281 CID (1991-2004), 330 CID (1997-2004), 415 CID (1997-2004)				
223-3644	STD Chrysler: 359 CID (1990-1998)				
223-3646	STD GM: 231 CID (1995-2007)				
223-3647	STD GM: 231 CID (1995-2009)				
223-3648	STD GM: 138 CID (1990,1991), 244 CID (1995-1999), 281 CID (1993-1999)				
223-3651	STD Ford: 155 CID (1995-2002), 181 CID (1996-2006), 207 CID (1996-1999); Jaguar: 181 CID (2000-2002); Mazda: 181 CID (2001-2006)				
223-3652	STD Ford: 445 CID (1994-2003)				
223-3653	STD Toyota: 1998 CC (1990,1991), 2164 CC (1990-2001)				
223-3654	STD Chrysler: 167 CID (1998-2009)				
223-3659	STD GM: 403 CID (2001-2009); Hummer: 403 CID (2006)				
223-3662	STD GM: 214 CID (1999-2002), 244 CID (2001-2003), 281 CID (2000-2003)				
223-3664	STD GM: 169 CID (2004-2006), 211 CID (2004-2006), 254 CID (2002-2006); Hummer: 211 CID (2006); Isuzu: 254 CID (2003-2007), 2770 CC (2006), 3460 CC (2006); Saab: 254 CID (2005-2007)				
223-3665	STD Chrysler: 165 CID (2003-2006); Freightliner: 165 CID (2002-2006)				
223-3668	STD GM: 169 CID (2004-2006), 211 CID (2004-2006), 254 CID (2002-2006); Hummer: 211 CID (2006); Isuzu: 254 CID (2003-2007), 2770 CC (2006), 3460 CC (2006); Saab: 254 CID (2005-2007)				
223-3670	STD GM: 134 CID (2002-2010); Saturn: 134 CID (2000-2007)				



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
099	3.622in/92.0mm x 3.307in/84.0mm	GM	2406395	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
099	3.622in/92.0mm x 3.622in/92.0mm	GM	2406395	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
0997	3.800in/96.5mm x 3.385in/86.0mm	GM	2406395	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
1	2.972in/75.5mm x 3.228in/82.0mm	Chrysler	2406395	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
121	3.780in/96.0mm x 3.268in/83.0mm	GM	2406395	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
121	3.780in/96.0mm x 3.622in/92.0mm	Hummer	2406782	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
121	3.898in/99.0mm x 3.622in/92.0mm	GM	2406782	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1357201	3.500in/88.9mm x 3.400in/84.0mm	GM	2406782	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
1357201	3.800in/96.5mm x 2.660in/67.6mm	GM	2406782	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
1357201	3.800in/96.5mm x 3.400in/86.4mm	GM	2406782	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
1357201	3.965in/100.8mm x 3.400in/86.4mm	GM	2406782	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
1357333	3.500in/88.9mm x 3.400in/84.0mm	GM	2406886	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
1357333	3.800in/96.5mm x 2.660in/67.6mm	GM	2406886	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
1357333	3.800in/96.5mm x 3.400in/86.4mm	GM	2406886	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
1357333	3.965in/100.8mm x 3.400in/86.4mm	GM	2406886	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
1377248	3.500in/88.9mm x 3.400in/84.0mm	GM	2406886	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
1377248	3.800in/96.5mm x 2.660in/67.6mm	GM	2406886	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
1377248	3.800in/96.5mm x 3.400in/86.4mm	GM	2406886	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
1377248	3.965in/100.8mm x 3.400in/86.4mm	GM	2468000	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
143	3.780in/96.0mm x 3.268in/83.0mm	GM	25509405	3.500in/88.9mm x 3.400in/84.0mm	GM
143	3.780in/96.0mm x 3.622in/92.0mm	Hummer	25509405	3.800in/96.5mm x 2.660in/67.6mm	GM
143	3.898in/99.0mm x 3.622in/92.0mm	GM	25509405	3.800in/96.5mm x 3.400in/86.4mm	GM
1618699	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	25509405	3.965in/100.8mm x 3.400in/86.4mm	GM
1618699	3.910in/99.3mm x 3.313in/84.2mm	Jeep	278410A	4.055in/103.0mm x 3.898in/99.0mm	Hummer
1618699	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	2899496	4.040in/102.6mm x 3.313in/84.1mm	Chrysler
1618699	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	2951908	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
1618699	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2951908	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
1618699	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	2951908	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
1673758	4.000in/101.6mm x 3.906in/99.2mm	Chrysler	2951908	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
1737692	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	2951908	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
1737692	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	2951908	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
1737692	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2951908	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
1737692	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	31	3.028in/76.9mm x 3.386in/86.0mm	Chrysler
1851535	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	31	3.240in/82.3mm x 2.953in/75.0mm	Chrysler
1851535	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	3172341	3.750in/95.3mm x 3.906in/99.2mm	Jeep
1851535	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	3173210	3.750in/95.3mm x 3.906in/99.2mm	Jeep
1851535	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	3180444	3.750in/95.3mm x 3.906in/99.2mm	Jeep
1851535	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	3182749	3.750in/95.3mm x 3.906in/99.2mm	Jeep
1851535	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	3182749	4.080in/103.6mm x 3.438in/87.3mm	Jeep
1851535	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	3185281	3.500in/88.9mm x 3.484in/88.4mm	GM
201	3.500in/88.9mm x 3.400in/84.0mm	GM	3185281	3.670in/93.2mm x 3.100in/78.7mm	GM
201	3.800in/96.5mm x 2.660in/67.6mm	GM	3185281	3.736in/95.0mm x 3.000in/76.2mm	GM
201	3.800in/96.5mm x 3.400in/86.4mm	GM	3185281	3.736in/95.0mm x 3.484in/88.4mm	GM
201	3.965in/100.8mm x 3.400in/86.4mm	GM	3185281	3.875in/98.4mm x 3.250in/82.6mm	GM
207	3.750in/95.3mm x 3.906in/99.2mm	Jeep	3185281	4.000in/101.6mm x 3.250in/82.6mm	GM
218LW	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	3185281	4.000in/101.6mm x 3.484in/88.5mm	GM
220	3.500in/88.9mm x 3.400in/84.0mm	GM	3196750	4.080in/103.6mm x 3.438in/87.3mm	Jeep
220	3.800in/96.5mm x 2.660in/67.6mm	GM	3197047	4.080in/103.6mm x 3.438in/87.3mm	Jeep
220	3.800in/96.5mm x 3.400in/86.4mm	GM	338	3.750in/95.3mm x 3.906in/99.2mm	Jeep
220	3.965in/100.8mm x 3.400in/86.4mm	GM	3418645	3.910in/99.3mm x 3.313in/84.2mm	Jeep
222	4.082in/103.7mm x 4.060in/103.1mm	GM	3418645	4.040in/102.6mm x 3.313in/84.1mm	Chrysler
222	4.300in/109.2mm x 4.060in/103.1mm	GM	351	3.875in/98.4mm x 3.190in/81.0mm	Jeep
222	4.300in/109.2mm x 4.300in/109.2mm	GM	352	3.750in/95.3mm x 3.906in/99.2mm	Jeep
2406395	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	3633111	4.082in/103.7mm x 4.060in/103.1mm	GM
2406395	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	3633111	4.300in/109.2mm x 4.060in/103.1mm	GM



CONNECTING ROD FORGING NUMBERS



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
3633111	4.300in/109.2mm x 4.300in/109.2mm	GM	3856239	4.125in/104.8mm x 3.766in/95.3mm	GM
3703526	3.500in/88.9mm x 3.484in/88.4mm	GM	3856239	4.250in/108.0mm x 3.766in/95.7mm	GM
3703526	3.670in/93.2mm x 3.100in/78.7mm	GM	3856239	4.250in/108.0mm x 4.000in/101.6mm	GM
3703526	3.736in/95.0mm x 3.000in/76.2mm	GM	3856240	3.938in/100.0mm x 3.766in/95.5mm	GM
3703526	3.736in/95.0mm x 3.484in/88.4mm	GM	3856240	4.094in/104.0mm x 3.766in/95.5mm	GM
3703526	3.750in/95.3mm x 3.000in/76.1mm	GM	3856240	4.125in/104.8mm x 3.766in/95.3mm	GM
3703526	3.875in/98.4mm x 3.000in/76.2mm	GM	3856240	4.250in/108.0mm x 3.766in/95.7mm	GM
3703526	3.875in/98.4mm x 3.250in/82.6mm	GM	3856240	4.250in/108.0mm x 4.000in/101.6mm	GM
3703526	4.000in/101.6mm x 3.000in/76.2mm	GM	3892671	3.500in/88.9mm x 3.484in/88.4mm	GM
3703526	4.000in/101.6mm x 3.250in/82.6mm	GM	3892671	3.670in/93.2mm x 3.100in/78.7mm	GM
3703526	4.000in/101.6mm x 3.484in/88.5mm	GM	3892671	3.736in/95.0mm x 3.000in/76.2mm	GM
3703527	3.500in/88.9mm x 3.484in/88.4mm	GM	3892671	3.736in/95.0mm x 3.484in/88.4mm	GM
3703527	3.670in/93.2mm x 3.100in/78.7mm	GM	3892671	3.875in/98.4mm x 3.250in/82.6mm	GM
3703527	3.736in/95.0mm x 3.000in/76.2mm	GM	3892671	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3703527	3.736in/95.0mm x 3.484in/88.4mm	GM	3901085	4.016in/102.0mm x 4.724in/120.0mm	Chrysler
3703527	3.750in/95.3mm x 3.000in/76.1mm	GM	3901566	4.016in/102.0mm x 4.724in/120.0mm	Chrysler
3703527	3.875in/98.4mm x 3.000in/76.2mm	GM	3916396	3.500in/88.9mm x 3.484in/88.4mm	GM
3703527	3.875in/98.4mm x 3.250in/82.6mm	GM	3916396	3.670in/93.2mm x 3.100in/78.7mm	GM
3703527	4.000in/101.6mm x 3.000in/76.2mm	GM	3916396	3.736in/95.0mm x 3.000in/76.2mm	GM
3703527	4.000in/101.6mm x 3.250in/82.6mm	GM	3916396	3.736in/95.0mm x 3.484in/88.4mm	GM
3703527	4.000in/101.6mm x 3.484in/88.5mm	GM	3916396	3.875in/98.4mm x 3.250in/82.6mm	GM
3732717	4.125in/104.8mm x 3.250in/82.6mm	GM	3916396	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3732717	4.313in/109.5mm x 3.500in/109.6mm	GM	3923282	3.500in/88.9mm x 3.484in/88.4mm	GM
3784000	3.500in/88.9mm x 3.484in/88.4mm	GM	3923282	3.670in/93.2mm x 3.100in/78.7mm	GM
3784000	3.670in/93.2mm x 3.100in/78.7mm	GM	3923282	3.736in/95.0mm x 3.000in/76.2mm	GM
3784000	3.736in/95.0mm x 3.000in/76.2mm	GM	3923282	3.736in/95.0mm x 3.484in/88.4mm	GM
3784000	3.736in/95.0mm x 3.484in/88.4mm	GM	3923282	3.875in/98.4mm x 3.250in/82.6mm	GM
3784000	3.750in/95.3mm x 3.000in/76.1mm	GM	3923282	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3784000	3.875in/98.4mm x 3.000in/76.2mm	GM	3933174	3.938in/100.0mm x 3.766in/95.5mm	GM
3784000	3.875in/98.4mm x 3.250in/82.6mm	GM	3933174	4.094in/104.0mm x 3.766in/95.5mm	GM
3784000	4.000in/101.6mm x 3.000in/76.2mm	GM	3933174	4.125in/104.8mm x 3.766in/95.3mm	GM
3784000	4.000in/101.6mm x 3.250in/82.6mm	GM	3933174	4.250in/108.0mm x 3.766in/95.7mm	GM
3784000	4.000in/101.6mm x 3.484in/88.5mm	GM	3933174	4.250in/108.0mm x 4.000in/101.6mm	GM
3795624	4.125in/104.8mm x 3.250in/82.6mm	GM	3946841	3.500in/88.9mm x 3.484in/88.4mm	GM
3795624	4.313in/109.5mm x 3.500in/109.6mm	GM	3946841	3.670in/93.2mm x 3.100in/78.7mm	GM
380282	3.800in/96.5mm x 3.385in/86.0mm	GM	3946841	3.736in/95.0mm x 3.000in/76.2mm	GM
380283	3.800in/96.5mm x 3.385in/86.0mm	GM	3946841	3.736in/95.0mm x 3.484in/88.4mm	GM
380383	3.800in/96.5mm x 3.385in/86.0mm	GM	3946841	3.875in/98.4mm x 3.250in/82.6mm	GM
3815281	3.500in/88.9mm x 3.484in/88.4mm	GM	3946841	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3815281	3.670in/93.2mm x 3.100in/78.7mm	GM	3951629	4.125in/104.8mm x 3.750in/95.2mm	GM
3815281	3.736in/95.0mm x 3.000in/76.2mm	GM	397858	4.000in/101.6mm x 3.980in/101.1mm	GM
3815281	3.736in/95.0mm x 3.484in/88.4mm	GM	397858	4.125in/104.8mm x 3.980in/101.1mm	GM
3815281	3.750in/95.3mm x 3.000in/76.1mm	GM	397858	4.125in/104.8mm x 4.250in/108.0mm	GM
3815281	3.875in/98.4mm x 3.000in/76.2mm	GM	398410	3.800in/96.5mm x 3.385in/86.0mm	GM
3815281	3.875in/98.4mm x 3.250in/82.6mm	GM	401406	4.000in/101.6mm x 3.980in/101.1mm	GM
3815281	4.000in/101.6mm x 3.000in/76.2mm	GM	401406	4.125in/104.8mm x 3.980in/101.1mm	GM
3815281	4.000in/101.6mm x 3.250in/82.6mm	GM	401406	4.125in/104.8mm x 4.250in/108.0mm	GM
3815281	4.000in/101.6mm x 3.484in/88.5mm	GM	401456	4.000in/101.6mm x 3.980in/101.1mm	GM
3837686	4.125in/104.8mm x 3.250in/82.6mm	GM	401456	4.125in/104.8mm x 3.980in/101.1mm	GM
3837686	4.313in/109.5mm x 3.500in/109.6mm	GM	401456	4.125in/104.8mm x 4.250in/108.0mm	GM
384759	4.000in/101.6mm x 3.980in/101.1mm	GM	408	3.800in/96.5mm x 2.660in/67.6mm	GM
384759	4.125in/104.8mm x 3.980in/101.1mm	GM	408	3.800in/96.5mm x 3.400in/86.4mm	GM
384759	4.125in/104.8mm x 4.250in/108.0mm	GM	40F	3.406in/86.5mm x 3.937in/100.0mm	Chrysler
3856239	3.938in/100.0mm x 3.766in/95.5mm	GM	410997	3.800in/96.5mm x 3.385in/86.0mm	GM
3856239	4.094in/104.0mm x 3.766in/95.5mm	GM	410999	4.000in/101.6mm x 3.980in/101.1mm	GM



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
410999	4.125in/104.8mm x 3.980in/101.1mm	GM	C30E-A	3.500in/88.9mm x 2.880in/73.0mm	Ford
410999	4.125in/104.8mm x 4.250in/108.0mm	GM	C30E-A	3.680in/93.5mm x 3.000in/76.2mm	Ford
4448903	3.661in/93.0mm x 3.189in/81.0mm	Chrysler	C30E-A	3.800in/96.5mm x 2.870in/72.9mm	Ford
4448903	3.780in/96.0mm x 3.425in/86.8mm	Chrysler	C30E-A	4.000in/101.6mm x 2.870in/72.9mm	Ford
4448903	3.780in/96.0mm x 3.425in/87.0mm	Jeep	C30E-A	4.000in/101.6mm x 3.000in/76.2mm	Ford
461	3.800in/96.5mm x 2.660in/67.6mm	GM	C3AE-D	3.500in/88.9mm x 2.880in/73.0mm	Ford
461	3.800in/96.5mm x 3.400in/86.4mm	GM	C3AE-D	3.680in/93.5mm x 3.000in/76.2mm	Ford
5203385	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	C3AE-D	3.800in/96.5mm x 2.870in/72.9mm	Ford
529007	3.719in/94.5mm x 3.750in/95.3mm	GM	C3AE-D	4.000in/101.6mm x 2.870in/72.9mm	Ford
529007	3.875in/98.4mm x 3.750in/95.2mm	GM	C3AE-D	4.000in/101.6mm x 3.000in/76.2mm	Ford
529007	4.120in/104.6mm x 3.750in/95.3mm	GM	C3AE-J	3.500in/88.9mm x 2.880in/73.0mm	Ford
529238	3.719in/94.5mm x 3.750in/95.3mm	GM	C3AE-J	3.680in/93.5mm x 3.000in/76.2mm	Ford
529238	3.875in/98.4mm x 3.750in/95.2mm	GM	C3AE-J	3.800in/96.5mm x 2.870in/72.9mm	Ford
529238	4.120in/104.6mm x 3.750in/95.3mm	GM	C3AE-J	4.000in/101.6mm x 2.870in/72.9mm	Ford
529938	3.719in/94.5mm x 3.750in/95.3mm	GM	C3AE-J	4.000in/101.6mm x 3.000in/76.2mm	Ford
529938	3.875in/98.4mm x 3.750in/95.2mm	GM	C7917	3.189in/81.0mm x 3.504in/89.0mm	Acura
529938	4.120in/104.6mm x 3.750in/95.3mm	GM	C80E-A	3.500in/88.9mm x 2.880in/73.0mm	Ford
532294	3.719in/94.5mm x 3.750in/95.3mm	GM	C80E-A	3.680in/93.5mm x 3.000in/76.2mm	Ford
532294	3.875in/98.4mm x 3.750in/95.2mm	GM	C80E-A	3.800in/96.5mm x 2.870in/72.9mm	Ford
532294	4.120in/104.6mm x 3.750in/95.3mm	GM	C80E-A	4.000in/101.6mm x 2.870in/72.9mm	Ford
541000	3.719in/94.5mm x 3.750in/95.3mm	GM	C80E-A	4.000in/101.6mm x 3.000in/76.2mm	Ford
541000	3.875in/98.4mm x 3.750in/95.2mm	GM	C8DE	3.500in/88.9mm x 2.880in/73.0mm	Ford
541000	4.120in/104.6mm x 3.750in/95.3mm	GM	C8DE	3.680in/93.5mm x 3.000in/76.2mm	Ford
544956	3.719in/94.5mm x 3.750in/95.3mm	GM	C8DE	3.800in/96.5mm x 2.870in/72.9mm	Ford
544956	3.875in/98.4mm x 3.750in/95.2mm	GM	C8DE	4.000in/101.6mm x 2.870in/72.9mm	Ford
544956	4.120in/104.6mm x 3.750in/95.3mm	GM	C8DE	4.000in/101.6mm x 3.000in/76.2mm	Ford
63	3.622in/92.0mm x 3.307in/84.0mm	GM	C8VE	4.050in/102.9mm x 3.590in/91.2mm	Ford
63	3.622in/92.0mm x 3.622in/92.0mm	GM	C8VE	4.360in/110.7mm x 3.590in/91.2mm	Ford
673	3.500in/88.9mm x 3.400in/84.0mm	GM	C8VE	4.360in/110.7mm x 3.850in/97.8mm	Ford
673	3.800in/96.5mm x 2.660in/67.6mm	GM	C8VE-A	4.050in/102.9mm x 3.590in/91.2mm	Ford
673	3.800in/96.5mm x 3.400in/86.4mm	GM	C8VE-A	4.360in/110.7mm x 3.590in/91.2mm	Ford
673	3.965in/100.8mm x 3.400in/86.4mm	GM	C8VE-A	4.360in/110.7mm x 3.850in/97.8mm	Ford
699	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	C90E	4.000in/101.6mm x 3.500in/88.8mm	Ford
699	3.910in/99.3mm x 3.313in/84.2mm	Jeep	C90E	4.000in/101.6mm x 3.500in/88.8mm	Ford
707	3.750in/95.3mm x 3.906in/99.2mm	Jeep	D	3.028in/76.9mm x 3.386in/86.0mm	Chrysler
707	4.080in/103.6mm x 3.438in/87.3mm	Jeep	D	3.240in/82.3mm x 2.953in/75.0mm	Chrysler
72G	3.587in/91.1mm x 2.992in/76.0mm	Mitsubishi	D00E-A	4.050in/102.9mm x 3.590in/91.2mm	Ford
72W	3.587in/91.1mm x 2.992in/76.0mm	Mitsubishi	D00E-A	4.360in/110.7mm x 3.590in/91.2mm	Ford
763	3.500in/88.9mm x 3.400in/84.0mm	GM	D00E-A	4.360in/110.7mm x 3.850in/97.8mm	Ford
763	3.800in/96.5mm x 2.660in/67.6mm	GM	D1AE-A	4.000in/101.6mm x 3.500in/88.8mm	Ford
763	3.800in/96.5mm x 3.400in/86.4mm	GM	D1AE-A	4.000in/101.6mm x 4.000in/101.6mm	Ford
763	3.965in/100.8mm x 3.400in/86.4mm	GM	D42E-AA	3.780in/96.0mm x 3.125in/79.4mm	Mazda
779	3.500in/88.9mm x 3.400in/84.0mm	GM	D60E	4.000in/101.6mm x 3.500in/88.8mm	Ford
779	3.800in/96.5mm x 2.660in/67.6mm	GM	D60E	4.000in/101.6mm x 3.500in/88.8mm	Ford
779	3.800in/96.5mm x 3.400in/86.4mm	GM	D6VE	4.050in/102.9mm x 3.590in/91.2mm	Ford
779	3.965in/100.8mm x 3.400in/86.4mm	GM	D6VE	4.360in/110.7mm x 3.590in/91.2mm	Ford
782	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	D6VE	4.360in/110.7mm x 3.850in/97.8mm	Ford
782	3.910in/99.3mm x 3.313in/84.2mm	Jeep	D9TE	4.050in/102.9mm x 3.590in/91.2mm	Ford
875	3.622in/92.0mm x 3.307in/84.0mm	GM	D9TE	4.360in/110.7mm x 3.590in/91.2mm	Ford
875	3.622in/92.0mm x 3.622in/92.0mm	GM	D9TE	4.360in/110.7mm x 3.850in/97.8mm	Ford
C20E	3.500in/88.9mm x 2.880in/73.0mm	Ford	DC549AAA0143	3.917in/99.5mm x 3.580in/90.9mm	Chrysler
C20E	3.680in/93.5mm x 3.000in/76.2mm	Ford	DC549AAB0904	3.917in/99.5mm x 3.580in/90.9mm	Chrysler
C20E	3.800in/96.5mm x 2.870in/72.9mm	Ford	DOAE-A	4.000in/101.6mm x 3.500in/88.8mm	Ford
C20E	4.000in/101.6mm x 2.870in/72.9mm	Ford	E 0352 018	3.244in/82.4mm x 3.130in/75.9mm	Ford
C20E	4.000in/101.6mm x 3.000in/76.2mm	Ford	E2AE-AC	3.811in/96.8mm x 3.386in/86.0mm	Ford



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
E43E-AA	3.780in/96.0mm x 3.125in/79.4mm	Ford			
E6AE-AB	3.504in/89.0mm x 3.150in/80.0mm	Mazda			
F	3.028in/76.9mm x 3.386in/86.0mm	Chrysler			
F	3.240in/82.3mm x 2.953in/75.0mm	Chrysler			
OCB	3.953in/100.4mm x 3.318in/84.3mm	Ford			
PH7	3.425in/87.0mm x 2.953in/75.0mm	Acura			
PR4	3.189in/81.0mm x 3.504in/89.0mm	Acura			
RFF1AE6205-AD	3.551in/90.2mm x 3.542in/90.0mm	Ford			
S	3.028in/76.9mm x 3.386in/86.0mm	Chrysler			
S	3.240in/82.3mm x 2.953in/75.0mm	Chrysler			

FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
0-191561	4.125in/104.8mm x 3.250in/82.6mm	GM	1174N	3.543in/90.0mm x 3.031in/77.0mm	Mazda
0-191561	4.313in/109.5mm x 3.500in/109.6mm	GM	1174N	3.587in/91.1mm x 2.992in/76.0mm	Chrysler
003K	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	1174N	3.661in/93.0mm x 2.831in/71.9mm	Ford
003K	3.504in/89.0mm x 3.465in/88.0mm	GM	1174N	4.000in/101.6mm x 3.484in/88.4mm	GM
003K	3.543in/90.0mm x 3.031in/77.0mm	Mazda	1178	3.500in/88.9mm x 3.484in/88.4mm	GM
003K	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	1178	3.670in/93.2mm x 3.100in/78.7mm	GM
003K	3.661in/93.0mm x 2.831in/71.9mm	Ford	1178	3.736in/95.0mm x 3.000in/76.2mm	GM
003K	4.000in/101.6mm x 3.484in/88.4mm	GM	1178	3.736in/95.0mm x 3.484in/88.4mm	GM
003N	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	1178	3.750in/95.3mm x 3.000in/76.1mm	GM
003N	3.504in/89.0mm x 3.465in/88.0mm	GM	1178	3.875in/98.4mm x 3.000in/76.2mm	GM
003N	3.543in/90.0mm x 3.031in/77.0mm	Mazda	1178	3.875in/98.4mm x 3.250in/82.6mm	GM
003N	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	1178	4.000in/101.6mm x 3.000in/76.2mm	GM
003N	3.661in/93.0mm x 2.831in/71.9mm	Ford	1178	4.000in/101.6mm x 3.250in/82.6mm	GM
003N	4.000in/101.6mm x 3.484in/88.4mm	GM	1178	4.000in/101.6mm x 3.484in/88.5mm	GM
017	4.000in/101.6mm x 3.000in/76.2mm	GM	1182	3.500in/88.9mm x 3.484in/88.4mm	GM
020201A1	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	1182	3.670in/93.2mm x 3.100in/78.7mm	GM
020201A1	3.504in/89.0mm x 3.465in/88.0mm	GM	1182	3.736in/95.0mm x 3.000in/76.2mm	GM
020201A1	3.543in/90.0mm x 3.031in/77.0mm	Mazda	1182	3.736in/95.0mm x 3.484in/88.4mm	GM
020201A1	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	1182	3.875in/98.4mm x 3.250in/82.6mm	GM
020201A1	3.661in/93.0mm x 2.831in/71.9mm	Ford	1182	4.000in/101.6mm x 3.250in/82.6mm	GM
020201A1	4.000in/101.6mm x 3.484in/88.4mm	GM	1182	4.000in/101.6mm x 3.484in/88.5mm	Hummer
035D	3.189in/81.0mm x 3.386in/86.0mm	Audi	11M	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
035D	3.248in/82.5mm x 3.386in/86.0mm	Audi	11M	3.425in/87.0mm x 3.583in/91.0mm	Toyota
0819	4.125in/104.8mm x 3.250in/82.6mm	GM	11M	3.504in/89.0mm x 3.465in/88.0mm	GM
0819	4.313in/109.5mm x 3.500in/109.6mm	GM	11M	3.543in/90.0mm x 3.031in/77.0mm	Mazda
09N	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	11M	3.587in/91.1mm x 2.992in/76.0mm	Chrysler
09N	3.504in/89.0mm x 3.465in/88.0mm	GM	11M	3.661in/93.0mm x 2.831in/71.9mm	Ford
09N	3.543in/90.0mm x 3.031in/77.0mm	Mazda	11M	4.000in/101.6mm x 3.484in/88.4mm	GM
09N	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	11M	4.110in/104.4mm x 4.180in/106.2mm	Ford
09N	3.661in/93.0mm x 2.831in/71.9mm	Ford	11M-14	3.425in/87.0mm x 3.583in/91.0mm	Toyota
09N	4.000in/101.6mm x 3.484in/88.4mm	GM	11M-14	4.110in/104.4mm x 4.180in/106.2mm	Ford
1.9	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	1235413	3.701in/94.0mm x 3.160in/80.3mm	GM
1.9	3.504in/89.0mm x 3.465in/88.0mm	GM	1235419	3.800in/96.5mm x 3.385in/86.0mm	GM
1.9	3.543in/90.0mm x 3.031in/77.0mm	Mazda	1254083	3.500in/88.9mm x 3.400in/84.0mm	GM
1.9	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	1254083	3.800in/96.5mm x 2.660in/67.6mm	GM
1.9	3.661in/93.0mm x 2.831in/71.9mm	Ford	1254083	3.800in/96.5mm x 3.400in/86.4mm	GM
1.9	4.000in/101.6mm x 3.484in/88.4mm	GM	1254083	3.965in/100.8mm x 3.400in/86.4mm	GM
10-B	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	12552216	3.780in/96.0mm x 3.268in/83.0mm	GM
10-B	3.504in/89.0mm x 3.465in/88.0mm	GM	12552216	3.780in/96.0mm x 3.622in/92.0mm	Hummer
10-B	3.543in/90.0mm x 3.031in/77.0mm	Mazda	12552216	3.898in/99.0mm x 3.622in/92.0mm	GM
10-B	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	12553482	3.780in/96.0mm x 3.268in/83.0mm	GM
10-B	3.661in/93.0mm x 2.831in/71.9mm	Ford	12553482	3.780in/96.0mm x 3.622in/92.0mm	Hummer
10-B	4.000in/101.6mm x 3.484in/88.4mm	GM	12553482	3.898in/99.0mm x 3.622in/92.0mm	GM
103427	3.719in/94.5mm x 3.750in/95.3mm	GM	1255645	3.500in/88.9mm x 3.400in/84.0mm	GM
103427	3.875in/98.4mm x 3.750in/95.2mm	GM	1255645	3.800in/96.5mm x 2.660in/67.6mm	GM
103427	4.120in/104.6mm x 3.750in/95.3mm	GM	1255645	3.800in/96.5mm x 3.400in/86.4mm	GM
1130	3.500in/88.9mm x 3.484in/88.4mm	GM	1255645	3.965in/100.8mm x 3.400in/86.4mm	GM
1130	3.670in/93.2mm x 3.100in/78.7mm	GM	1255646	3.500in/88.9mm x 3.400in/84.0mm	GM
1130	3.736in/95.0mm x 3.000in/76.2mm	GM	1255646	3.800in/96.5mm x 2.660in/67.6mm	GM
1130	3.736in/95.0mm x 3.484in/88.4mm	GM	1255646	3.800in/96.5mm x 3.400in/86.4mm	GM
1130	3.875in/98.4mm x 3.250in/82.6mm	GM	1255646	3.965in/100.8mm x 3.400in/86.4mm	GM
1130	4.000in/101.6mm x 3.250in/82.6mm	GM	1255674	3.500in/88.9mm x 3.400in/84.0mm	GM
1130	4.000in/101.6mm x 3.484in/88.5mm	GM	1255674	3.800in/96.5mm x 2.660in/67.6mm	GM
1174N	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	1255674	3.800in/96.5mm x 3.400in/86.4mm	GM
1174N	3.504in/89.0mm x 3.465in/88.0mm	GM	1255674	3.965in/100.8mm x 3.400in/86.4mm	GM



CRANKSHAFT FORGING NUMBERS



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
1255846	3.500in/88.9mm x 3.400in/84.0mm	GM	1467292	4.300in/109.2mm x 4.300in/109.2mm	GM
1255846	3.800in/96.5mm x 2.660in/67.6mm	GM	147	3.500in/88.9mm x 3.484in/88.4mm	GM
1255846	3.800in/96.5mm x 3.400in/86.4mm	GM	147	3.736in/95.0mm x 3.484in/88.4mm	GM
1255846	3.965in/100.8mm x 3.400in/86.4mm	GM	147	4.000in/101.6mm x 3.484in/88.4mm	GM
1255862	3.500in/88.9mm x 3.400in/84.0mm	GM	1486424	4.082in/103.7mm x 4.060in/103.1mm	GM
1255862	3.800in/96.5mm x 2.660in/67.6mm	GM	1486424	4.300in/109.2mm x 4.060in/103.1mm	GM
1255862	3.800in/96.5mm x 3.400in/86.4mm	GM	1486424	4.300in/109.2mm x 4.300in/109.2mm	GM
1255862	3.965in/100.8mm x 3.400in/86.4mm	GM	1495094	4.082in/103.7mm x 4.060in/103.1mm	GM
1257125	3.500in/88.9mm x 3.400in/84.0mm	GM	1495094	4.300in/109.2mm x 4.060in/103.1mm	GM
1257125	3.800in/96.5mm x 2.660in/67.6mm	GM	1495094	4.300in/109.2mm x 4.300in/109.2mm	GM
1257125	3.800in/96.5mm x 3.400in/86.4mm	GM	1495095	4.082in/103.7mm x 4.060in/103.1mm	GM
1257125	3.965in/100.8mm x 3.400in/86.4mm	GM	1495095	4.300in/109.2mm x 4.060in/103.1mm	GM
1260877	3.500in/88.9mm x 3.400in/84.0mm	GM	1495095	4.300in/109.2mm x 4.300in/109.2mm	GM
1260877	3.800in/96.5mm x 2.660in/67.6mm	GM	1496793	4.082in/103.7mm x 4.060in/103.1mm	GM
1260877	3.800in/96.5mm x 3.400in/86.4mm	GM	1496793	4.300in/109.2mm x 4.060in/103.1mm	GM
1260877	3.965in/100.8mm x 3.400in/86.4mm	GM	1496793	4.300in/109.2mm x 4.300in/109.2mm	GM
1261438	3.500in/88.9mm x 3.400in/84.0mm	GM	1609142R	4.082in/103.7mm x 4.060in/103.1mm	GM
1261438	3.800in/96.5mm x 2.660in/67.6mm	GM	1609142R	4.300in/109.2mm x 4.060in/103.1mm	GM
1261438	3.800in/96.5mm x 3.400in/86.4mm	GM	1609142R	4.300in/109.2mm x 4.300in/109.2mm	GM
1261438	3.965in/100.8mm x 3.400in/86.4mm	GM	1617590	3.622in/92.0mm x 3.307in/84.0mm	GM
1261787	3.500in/88.9mm x 3.400in/84.0mm	GM	1617590	3.622in/92.0mm x 3.622in/92.0mm	GM
1261787	3.800in/96.5mm x 2.660in/67.6mm	GM	1626123	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1261787	3.800in/96.5mm x 3.400in/86.4mm	GM	1626123	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1261787	3.965in/100.8mm x 3.400in/86.4mm	GM	1629091	3.622in/92.0mm x 3.307in/84.0mm	GM
13111-03010-D	3.425in/87.0mm x 3.583in/91.0mm	Toyota	1629091	3.622in/92.0mm x 3.622in/92.0mm	GM
13111-03010-D	4.110in/104.4mm x 4.180in/106.2mm	Ford	1630270	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
135411	3.500in/88.9mm x 3.484in/88.4mm	GM	1630270	3.910in/99.3mm x 3.313in/84.2mm	Jeep
135411	3.736in/95.0mm x 3.484in/88.4mm	GM	1630276	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
135411	4.000in/101.6mm x 3.484in/88.4mm	GM	1630276	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1354N	3.500in/88.9mm x 3.484in/88.4mm	GM	1630937	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1354N	3.736in/95.0mm x 3.484in/88.4mm	GM	1632077	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1354N	4.000in/101.6mm x 3.484in/88.4mm	GM	1646737	3.622in/92.0mm x 3.307in/84.0mm	GM
1357898	3.500in/88.9mm x 3.400in/84.0mm	GM	1646737	3.622in/92.0mm x 3.622in/92.0mm	GM
1357898	3.800in/96.5mm x 2.660in/67.6mm	GM	1650270	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1357898	3.800in/96.5mm x 3.400in/86.4mm	GM	1650270	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1357898	3.965in/100.8mm x 3.400in/86.4mm	GM	1673755	4.000in/101.6mm x 3.906in/99.2mm	Chrysler
1375802	3.800in/96.5mm x 3.385in/86.0mm	GM	1732557	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1378351	3.500in/88.9mm x 3.400in/84.0mm	GM	1732557	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1378351	3.800in/96.5mm x 2.660in/67.6mm	GM	1732559	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1378351	3.800in/96.5mm x 3.400in/86.4mm	GM	1732559	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1378351	3.965in/100.8mm x 3.400in/86.4mm	GM	1732610	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1378354	3.500in/88.9mm x 3.400in/84.0mm	GM	1732610	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1378354	3.800in/96.5mm x 2.660in/67.6mm	GM	1737641	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
1378354	3.800in/96.5mm x 3.400in/86.4mm	GM	1737641	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
1378354	3.965in/100.8mm x 3.400in/86.4mm	GM	1737641	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
1398346	3.800in/96.5mm x 3.385in/86.0mm	GM	1737641	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
14024236	3.976in/101.0mm x 3.819in/97.0mm	GM	1737642	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
14024236	4.055in/103.0mm x 3.819in/97.0mm	Hummer	1737642	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
140N	3.425in/87.0mm x 3.583in/91.0mm	Toyota	1737642	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
140N	4.110in/104.4mm x 4.180in/106.2mm	Ford	1737642	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
143	3.500in/88.9mm x 3.484in/88.4mm	GM	1737642	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
143	3.736in/95.0mm x 3.484in/88.4mm	GM	1737642	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
143	4.000in/101.6mm x 3.484in/88.4mm	GM	1737642	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
1467292	4.082in/103.7mm x 4.060in/103.1mm	GM	176H	3.425in/87.0mm x 3.583in/91.0mm	Toyota
1467292	4.300in/109.2mm x 4.060in/103.1mm	GM	176H	4.110in/104.4mm x 4.180in/106.2mm	Ford



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
17M	3.425in/87.0mm x 3.583in/91.0mm	Toyota	19N	3.587in/91.1mm x 2.992in/76.0mm	Mitsubishi
17M	4.110in/104.4mm x 4.180in/106.2mm	Ford	1A	4.110in/104.4mm x 4.180in/106.2mm	Ford
1802224C92	3.425in/87.0mm x 3.583in/91.0mm	Toyota	1AA	4.110in/104.4mm x 4.180in/106.2mm	Ford
1802224C92	4.110in/104.4mm x 4.180in/106.2mm	Ford	1D	3.780in/96.0mm x 3.125in/79.4mm	Mazda
1802224C93	3.425in/87.0mm x 3.583in/91.0mm	Toyota	1J	3.500in/88.9mm x 2.880in/73.0mm	Ford
1802224C93	4.110in/104.4mm x 4.180in/106.2mm	Ford	1J	3.680in/93.5mm x 3.000in/76.2mm	Ford
1803420C1	3.425in/87.0mm x 3.583in/91.0mm	Toyota	1J	3.800in/96.5mm x 2.870in/72.9mm	Ford
1803420C1	4.110in/104.4mm x 4.180in/106.2mm	Ford	1J	4.000in/101.6mm x 2.870in/72.9mm	Ford
1805420C1	3.425in/87.0mm x 3.583in/91.0mm	Toyota	1J	4.000in/101.6mm x 3.000in/76.2mm	Ford
1805420C1	4.110in/104.4mm x 4.180in/106.2mm	Ford	1K	4.000in/101.6mm x 3.500in/88.8mm	Ford
1809954C1	4.110in/104.4mm x 4.180in/106.2mm	Ford	1K	4.000in/101.6mm x 4.000in/101.6mm	Ford
1812320C91	4.110in/104.4mm x 4.180in/106.2mm	Ford	1KA	4.000in/101.6mm x 3.500in/88.8mm	Ford
1816975C1	4.110in/104.4mm x 4.180in/106.2mm	Ford	1KA	4.000in/101.6mm x 4.000in/101.6mm	Ford
1821436	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	1M	3.500in/88.9mm x 2.880in/73.0mm	Ford
1821436	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	1M	3.680in/93.5mm x 3.000in/76.2mm	Ford
1821436	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	1M	3.800in/96.5mm x 2.870in/72.9mm	Ford
1821436	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	1M	4.000in/101.6mm x 2.870in/72.9mm	Ford
1821436	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	1M	4.000in/101.6mm x 3.000in/76.2mm	Ford
1821436	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	1MA	3.500in/88.9mm x 2.880in/73.0mm	Ford
1821436	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	1MA	3.680in/93.5mm x 3.000in/76.2mm	Ford
1826123	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	1MA	3.800in/96.5mm x 2.870in/72.9mm	Ford
1826123	3.910in/99.3mm x 3.313in/84.2mm	Jeep	1MA	4.000in/101.6mm x 2.870in/72.9mm	Ford
1826129	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	1MA	4.000in/101.6mm x 3.000in/76.2mm	Ford
1826129	3.910in/99.3mm x 3.313in/84.2mm	Jeep	1P	3.811in/96.8mm x 3.386in/86.0mm	Ford
1830276	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	1V	4.050in/102.9mm x 3.590in/91.2mm	Ford
1830276	3.910in/99.3mm x 3.313in/84.2mm	Jeep	1V	4.360in/110.7mm x 3.590in/91.2mm	Ford
1851436	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	1V	4.360in/110.7mm x 3.850in/97.8mm	Ford
1851436	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	1VA	4.050in/102.9mm x 3.590in/91.2mm	Ford
1851436	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	1VA	4.360in/110.7mm x 3.590in/91.2mm	Ford
1851436	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	1VA	4.360in/110.7mm x 3.850in/97.8mm	Ford
1851436	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	1VAB	4.050in/102.9mm x 3.590in/91.2mm	Ford
1851436	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	1VAB	4.360in/110.7mm x 3.590in/91.2mm	Ford
1851436	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	1VAB	4.360in/110.7mm x 3.850in/97.8mm	Ford
1851527	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	1YAB	4.050in/102.9mm x 3.590in/91.2mm	Ford
1851527	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	1YAB	4.360in/110.7mm x 3.590in/91.2mm	Ford
1851527	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	1YAB	4.360in/110.7mm x 3.850in/97.8mm	Ford
1851527	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2 MAE	4.110in/104.4mm x 4.180in/106.2mm	Ford
1851527	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	2006157	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
1851527	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	202B	4.110in/104.4mm x 4.180in/106.2mm	Ford
1851527	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	210008832	3.230in/82.0mm x 3.540in/89.9mm	Saturn
1855127	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	2128278	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1855127	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	2128278	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1855127	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	2128869	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1855127	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2128869	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1855127	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	2203155	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
1855127	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	2203155	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
1855127	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	2203155	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
188A	4.110in/104.4mm x 4.180in/106.2mm	Ford	2203155	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
1978698	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	2203157	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
1978698	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	2203157	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
1978698	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	2203157	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
1978698	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2203157	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
1978698	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	2205700	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
1978698	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	2205700	3.910in/99.3mm x 3.313in/84.2mm	Jeep
1978698	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	2205700	4.040in/102.6mm x 3.313in/84.1mm	Chrysler



CRANKSHAFT FORGING NUMBERS



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
2205702	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	230378	3.800in/96.5mm x 2.660in/67.6mm	GM
2205702	3.910in/99.3mm x 3.313in/84.2mm	Jeep	230378	3.800in/96.5mm x 3.400in/86.4mm	GM
2205702	4.040in/102.6mm x 3.313in/84.1mm	Chrysler	230378	3.965in/100.8mm x 3.400in/86.4mm	GM
2206157	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	230378	4.000in/101.6mm x 3.980in/101.1mm	GM
2206157	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	230378	4.125in/104.8mm x 3.980in/101.1mm	GM
2206157	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	230378	4.125in/104.8mm x 4.250in/108.0mm	GM
2206157	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	230905	3.800in/96.5mm x 3.385in/86.0mm	GM
2206157	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	230907	4.000in/101.6mm x 3.980in/101.1mm	GM
2206157	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	230907	4.125in/104.8mm x 3.980in/101.1mm	GM
2206157	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	230907	4.125in/104.8mm x 4.250in/108.0mm	GM
2206158	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	230908	4.000in/101.6mm x 3.980in/101.1mm	GM
2206158	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	230908	4.125in/104.8mm x 3.980in/101.1mm	GM
2206158	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	230908	4.125in/104.8mm x 4.250in/108.0mm	GM
2206158	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2463548	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
2206158	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	2465747	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
2206158	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	2465747	3.910in/99.3mm x 3.313in/84.2mm	Jeep
2206158	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	2482923	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
2206159	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	2482923	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
2206159	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	2482923	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
2206159	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	2482923	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
2206159	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	2532457	3.910in/99.3mm x 3.313in/84.2mm	Jeep
2206160	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	2532457	4.040in/102.6mm x 3.313in/84.1mm	Chrysler
2206160	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	25505554	3.500in/88.9mm x 3.400in/84.0mm	GM
2206160	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	25505554	3.800in/96.5mm x 2.660in/67.6mm	GM
2206160	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	25505554	3.800in/96.5mm x 3.400in/86.4mm	GM
2206160	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	25505554	3.965in/100.8mm x 3.400in/86.4mm	GM
2206160	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	25506397	3.500in/88.9mm x 3.400in/84.0mm	GM
2206160	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	25506397	3.800in/96.5mm x 2.660in/67.6mm	GM
2253120	3.622in/92.0mm x 3.346in/85.0mm	GM	25506397	3.800in/96.5mm x 3.400in/86.4mm	GM
2258393	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	25506397	3.965in/100.8mm x 3.400in/86.4mm	GM
2258393	3.910in/99.3mm x 3.313in/84.2mm	Jeep	25506818	3.500in/88.9mm x 3.400in/84.0mm	GM
2264182	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	25506818	3.800in/96.5mm x 2.660in/67.6mm	GM
2264182	3.910in/99.3mm x 3.313in/84.2mm	Jeep	25506818	3.800in/96.5mm x 3.400in/86.4mm	GM
230276	3.800in/96.5mm x 3.385in/86.0mm	GM	25506818	3.965in/100.8mm x 3.400in/86.4mm	GM
230277	3.500in/88.9mm x 3.400in/84.0mm	GM	25509404	3.500in/88.9mm x 3.400in/84.0mm	GM
230277	3.800in/96.5mm x 2.660in/67.6mm	GM	25509404	3.800in/96.5mm x 2.660in/67.6mm	GM
230277	3.800in/96.5mm x 3.400in/86.4mm	GM	25509404	3.800in/96.5mm x 3.400in/86.4mm	GM
230277	3.965in/100.8mm x 3.400in/86.4mm	GM	25509404	3.965in/100.8mm x 3.400in/86.4mm	GM
230278	3.500in/88.9mm x 3.400in/84.0mm	GM	25514290	3.500in/88.9mm x 3.400in/84.0mm	GM
230278	3.800in/96.5mm x 3.400in/86.4mm	GM	25514290	3.800in/96.5mm x 2.660in/67.6mm	GM
230278	3.965in/100.8mm x 3.400in/86.4mm	GM	25514290	3.800in/96.5mm x 3.400in/86.4mm	GM
230331	4.000in/101.6mm x 3.980in/101.1mm	GM	25514290	3.965in/100.8mm x 3.400in/86.4mm	GM
230331	4.125in/104.8mm x 3.980in/101.1mm	GM	25520329	3.500in/88.9mm x 3.400in/84.0mm	GM
230331	4.125in/104.8mm x 4.250in/108.0mm	GM	25520329	3.800in/96.5mm x 2.660in/67.6mm	GM
230376	3.500in/88.9mm x 3.484in/88.4mm	GM	25520329	3.800in/96.5mm x 3.400in/86.4mm	GM
230376	3.670in/93.2mm x 3.100in/78.7mm	GM	25520329	3.965in/100.8mm x 3.400in/86.4mm	GM
230376	3.736in/95.0mm x 3.000in/76.2mm	GM	2558393	3.910in/99.3mm x 3.313in/84.2mm	Jeep
230376	3.736in/95.0mm x 3.484in/88.4mm	GM	264	3.500in/88.9mm x 2.992in/76.0mm	GM
230376	3.800in/96.5mm x 3.385in/86.0mm	GM	264	3.504in/89.0mm x 3.307in/84.0mm	GM
230376	3.875in/98.4mm x 3.250in/82.6mm	GM	264	3.622in/92.0mm x 3.307in/84.0mm	GM
230376	4.000in/101.6mm x 3.484in/88.5mm	GM	2656278	3.910in/99.3mm x 3.313in/84.2mm	Jeep
230377	4.000in/101.6mm x 3.980in/101.1mm	GM	2658268	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
230377	4.125in/104.8mm x 3.980in/101.1mm	GM	2658268	3.910in/99.3mm x 3.313in/84.2mm	Jeep
230377	4.125in/104.8mm x 4.250in/108.0mm	GM	2658278	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
230378	3.500in/88.9mm x 3.400in/84.0mm	GM	2658278	3.910in/99.3mm x 3.313in/84.2mm	Jeep



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
2658393	3.910in/99.3mm x 3.313in/84.2mm	Jeep	2MAD	4.000in/101.6mm x 3.000in/76.2mm	Ford
2680	3.500in/88.9mm x 3.484in/88.4mm	GM	2MAE	3.500in/88.9mm x 2.880in/73.0mm	Ford
2680	3.670in/93.2mm x 3.100in/78.7mm	GM	2MAE	3.680in/93.5mm x 3.000in/76.2mm	Ford
2680	3.736in/95.0mm x 3.000in/76.2mm	GM	2MAE	3.800in/96.5mm x 2.870in/72.9mm	Ford
2680	3.736in/95.0mm x 3.484in/88.4mm	GM	2MAE	4.000in/101.6mm x 2.870in/72.9mm	Ford
2680	3.875in/98.4mm x 3.250in/82.6mm	GM	2MAE	4.000in/101.6mm x 3.000in/76.2mm	Ford
2680	4.000in/101.6mm x 3.250in/82.6mm	GM	2MAE	4.110in/104.4mm x 4.180in/106.2mm	Ford
2680	4.000in/101.6mm x 3.484in/88.5mm	GM	2N	3.500in/88.9mm x 2.880in/73.0mm	Ford
2690	3.500in/88.9mm x 3.484in/88.4mm	GM	2N	3.680in/93.5mm x 3.000in/76.2mm	Ford
2690	3.670in/93.2mm x 3.100in/78.7mm	GM	2N	3.800in/96.5mm x 2.870in/72.9mm	Ford
2690	3.736in/95.0mm x 3.000in/76.2mm	GM	2N	4.000in/101.6mm x 2.870in/72.9mm	Ford
2690	3.736in/95.0mm x 3.484in/88.4mm	GM	2N	4.000in/101.6mm x 3.000in/76.2mm	Ford
2690	3.875in/98.4mm x 3.250in/82.6mm	GM	2NA	3.500in/88.9mm x 2.880in/73.0mm	Ford
2690	4.000in/101.6mm x 3.484in/88.5mm	Hummer	2NA	3.680in/93.5mm x 3.000in/76.2mm	Ford
275	3.800in/96.5mm x 2.680in/67.6mm	GM	2NA	3.800in/96.5mm x 2.870in/72.9mm	Ford
275	3.800in/96.5mm x 3.400in/86.4mm	GM	2NA	4.000in/101.6mm x 2.870in/72.9mm	Ford
2780513	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	2NA	4.000in/101.6mm x 3.000in/76.2mm	Ford
2780533	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	2NAB	3.500in/88.9mm x 2.880in/73.0mm	Ford
2843868	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	2NAB	3.680in/93.5mm x 3.000in/76.2mm	Ford
2843868	3.910in/99.3mm x 3.313in/84.2mm	Jeep	2NAB	3.800in/96.5mm x 2.870in/72.9mm	Ford
2D	3.780in/96.0mm x 3.125in/79.4mm	Mazda	2NAB	4.000in/101.6mm x 2.870in/72.9mm	Ford
2H-A	3.500in/88.9mm x 2.880in/73.0mm	Ford	2NAB	4.000in/101.6mm x 3.000in/76.2mm	Ford
2H-A	3.680in/93.5mm x 3.000in/76.2mm	Ford	2NABC	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
2H-A	3.800in/96.5mm x 2.870in/72.9mm	Ford	2NABC	3.500in/88.9mm x 2.880in/73.0mm	Ford
2H-A	4.000in/101.6mm x 2.870in/72.9mm	Ford	2NABC	3.500in/88.9mm x 3.484in/88.4mm	GM
2H-A	4.000in/101.6mm x 3.000in/76.2mm	Ford	2NABC	3.504in/89.0mm x 3.780in/96.0mm	Nissan
2J	3.500in/88.9mm x 2.880in/73.0mm	Ford	2NABC	3.670in/93.2mm x 3.100in/78.7mm	GM
2J	3.680in/93.5mm x 3.000in/76.2mm	Ford	2NABC	3.680in/93.5mm x 3.000in/76.2mm	Ford
2J	3.800in/96.5mm x 2.870in/72.9mm	Ford	2NABC	3.736in/95.0mm x 3.000in/76.2mm	GM
2J	4.000in/101.6mm x 2.870in/72.9mm	Ford	2NABC	3.736in/95.0mm x 3.484in/88.4mm	GM
2J	4.000in/101.6mm x 3.000in/76.2mm	Ford	2NABC	3.800in/96.5mm x 2.870in/72.9mm	Ford
2M	3.500in/88.9mm x 2.880in/73.0mm	Ford	2NABC	3.875in/98.4mm x 3.250in/82.6mm	GM
2M	3.680in/93.5mm x 3.000in/76.2mm	Ford	2NABC	4.000in/101.6mm x 2.870in/72.9mm	Ford
2M	3.800in/96.5mm x 2.870in/72.9mm	Ford	2NABC	4.000in/101.6mm x 3.000in/76.2mm	Ford
2M	4.000in/101.6mm x 2.870in/72.9mm	Ford	2NABC	4.000in/101.6mm x 3.484in/88.5mm	GM
2M	4.000in/101.6mm x 3.000in/76.2mm	Ford	2NABC	4.050in/102.9mm x 3.590in/91.2mm	Ford
2MA	3.500in/88.9mm x 2.880in/73.0mm	Ford	2NABC	4.360in/110.7mm x 3.590in/91.2mm	Ford
2MA	3.680in/93.5mm x 3.000in/76.2mm	Ford	2NABC	4.360in/110.7mm x 3.850in/97.8mm	Ford
2MA	3.800in/96.5mm x 2.870in/72.9mm	Ford	2Y	4.050in/102.9mm x 3.590in/91.2mm	Ford
2MA	4.000in/101.6mm x 2.870in/72.9mm	Ford	2Y	4.360in/110.7mm x 3.590in/91.2mm	Ford
2MA	4.000in/101.6mm x 3.000in/76.2mm	Ford	2Y	4.360in/110.7mm x 3.850in/97.8mm	Ford
2MAB	3.500in/88.9mm x 2.880in/73.0mm	Ford	2Y68-76	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
2MAB	3.680in/93.5mm x 3.000in/76.2mm	Ford	2Y68-76	3.500in/88.9mm x 3.484in/88.4mm	GM
2MAB	3.800in/96.5mm x 2.870in/72.9mm	Ford	2Y68-76	3.504in/89.0mm x 3.780in/96.0mm	Nissan
2MAB	4.000in/101.6mm x 2.870in/72.9mm	Ford	2Y68-76	3.670in/93.2mm x 3.100in/78.7mm	GM
2MAB	4.000in/101.6mm x 3.000in/76.2mm	Ford	2Y68-76	3.736in/95.0mm x 3.000in/76.2mm	GM
2MAC	3.500in/88.9mm x 2.880in/73.0mm	Ford	2Y68-76	3.736in/95.0mm x 3.484in/88.4mm	GM
2MAC	3.680in/93.5mm x 3.000in/76.2mm	Ford	2Y68-76	3.875in/98.4mm x 3.250in/82.6mm	GM
2MAC	3.800in/96.5mm x 2.870in/72.9mm	Ford	2Y68-76	4.000in/101.6mm x 3.484in/88.5mm	GM
2MAC	4.000in/101.6mm x 2.870in/72.9mm	Ford	2Y68-76	4.050in/102.9mm x 3.590in/91.2mm	Ford
2MAC	4.000in/101.6mm x 3.000in/76.2mm	Ford	2Y68-76	4.360in/110.7mm x 3.590in/91.2mm	Ford
2MAD	3.500in/88.9mm x 2.880in/73.0mm	Ford	2Y68-76	4.360in/110.7mm x 3.850in/97.8mm	Ford
2MAD	3.680in/93.5mm x 3.000in/76.2mm	Ford	2YA	4.050in/102.9mm x 3.590in/91.2mm	Ford
2MAD	3.800in/96.5mm x 2.870in/72.9mm	Ford	2YA	4.360in/110.7mm x 3.590in/91.2mm	Ford
2MAD	4.000in/101.6mm x 2.870in/72.9mm	Ford	2YA	4.360in/110.7mm x 3.850in/97.8mm	Ford



CRANKSHAFT FORGING NUMBERS



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
2YAB	4.050in/102.9mm x 3.590in/91.2mm	Ford	3195292	4.080in/103.6mm x 3.438in/87.3mm	Jeep
2YAB	4.360in/110.7mm x 3.590in/91.2mm	Ford	3199738C	3.750in/95.3mm x 3.906in/99.2mm	Jeep
2YAB	4.360in/110.7mm x 3.850in/97.8mm	Ford	3199798	3.750in/95.3mm x 3.906in/99.2mm	Jeep
2YABC	4.050in/102.9mm x 3.590in/91.2mm	Ford	31M	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
2YABC	4.360in/110.7mm x 3.590in/91.2mm	Ford	31M	3.500in/88.9mm x 3.484in/88.4mm	GM
2YABC	4.360in/110.7mm x 3.850in/97.8mm	Ford	31M	3.504in/89.0mm x 3.780in/96.0mm	Nissan
306275	3.500in/88.9mm x 3.484in/88.4mm	GM	31M	3.670in/93.2mm x 3.100in/78.7mm	GM
306275	3.670in/93.2mm x 3.100in/78.7mm	GM	31M	3.736in/95.0mm x 3.000in/76.2mm	GM
306275	3.736in/95.0mm x 3.000in/76.2mm	GM	31M	3.736in/95.0mm x 3.484in/88.4mm	GM
306275	3.736in/95.0mm x 3.484in/88.4mm	GM	31M	3.875in/98.4mm x 3.250in/82.6mm	GM
306275	3.875in/98.4mm x 3.250in/82.6mm	GM	31M	4.000in/101.6mm x 3.484in/88.5mm	GM
306275	4.000in/101.6mm x 3.484in/88.5mm	Hummer	31M	4.050in/102.9mm x 3.590in/91.2mm	Ford
306276	3.500in/88.9mm x 3.484in/88.4mm	GM	31M	4.360in/110.7mm x 3.590in/91.2mm	Ford
306276	3.670in/93.2mm x 3.100in/78.7mm	GM	31M	4.360in/110.7mm x 3.850in/97.8mm	Ford
306276	3.736in/95.0mm x 3.000in/76.2mm	GM	3204904	3.750in/95.3mm x 3.906in/99.2mm	Jeep
306276	3.736in/95.0mm x 3.484in/88.4mm	GM	3208627	3.750in/95.3mm x 3.906in/99.2mm	Jeep
306276	3.875in/98.4mm x 3.250in/82.6mm	GM	3208794	3.750in/95.3mm x 3.906in/99.2mm	Jeep
306276	4.000in/101.6mm x 3.484in/88.5mm	Hummer	321	2.953in/75.0mm x 3.543in/90.0mm	Acura
30R	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	3213754	4.080in/103.6mm x 3.438in/87.3mm	Jeep
30R	3.500in/88.9mm x 3.484in/88.4mm	GM	3214722	3.750in/95.3mm x 3.906in/99.2mm	Jeep
30R	3.504in/89.0mm x 3.780in/96.0mm	Nissan	3214723	3.750in/95.3mm x 3.906in/99.2mm	Jeep
30R	3.670in/93.2mm x 3.100in/78.7mm	GM	3214724	4.080in/103.6mm x 3.438in/87.3mm	Jeep
30R	3.736in/95.0mm x 3.000in/76.2mm	GM	3235477	3.750in/95.3mm x 3.906in/99.2mm	Jeep
30R	3.736in/95.0mm x 3.484in/88.4mm	GM	3239611	3.875in/98.4mm x 3.190in/81.0mm	Jeep
30R	3.875in/98.4mm x 3.250in/82.6mm	GM	3279	3.500in/88.9mm x 3.484in/88.4mm	GM
30R	4.000in/101.6mm x 3.484in/88.5mm	GM	3279	3.670in/93.2mm x 3.100in/78.7mm	GM
30R	4.050in/102.9mm x 3.590in/91.2mm	Ford	3279	3.736in/95.0mm x 3.000in/76.2mm	GM
30R	4.360in/110.7mm x 3.590in/91.2mm	Ford	3279	3.736in/95.0mm x 3.484in/88.4mm	GM
30R	4.360in/110.7mm x 3.850in/97.8mm	Ford	3279	3.750in/95.3mm x 3.000in/76.1mm	GM
31-87	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	3279	3.875in/98.4mm x 3.000in/76.2mm	GM
31-87	3.500in/88.9mm x 3.484in/88.4mm	GM	3279	3.875in/98.4mm x 3.250in/82.6mm	GM
31-87	3.504in/89.0mm x 3.780in/96.0mm	Nissan	3279	4.000in/101.6mm x 3.000in/76.2mm	GM
31-87	3.670in/93.2mm x 3.100in/78.7mm	GM	3279	4.000in/101.6mm x 3.250in/82.6mm	GM
31-87	3.736in/95.0mm x 3.000in/76.2mm	GM	3279	4.000in/101.6mm x 3.484in/88.5mm	GM
31-87	3.736in/95.0mm x 3.484in/88.4mm	GM	3281N	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
31-87	3.875in/98.4mm x 3.250in/82.6mm	GM	3281N	3.500in/88.9mm x 3.484in/88.4mm	GM
31-87	4.000in/101.6mm x 3.484in/88.5mm	GM	3281N	3.504in/89.0mm x 3.780in/96.0mm	Nissan
31-87	4.050in/102.9mm x 3.590in/91.2mm	Ford	3281N	3.670in/93.2mm x 3.100in/78.7mm	GM
31-87	4.360in/110.7mm x 3.590in/91.2mm	Ford	3281N	3.736in/95.0mm x 3.000in/76.2mm	GM
31-87	4.360in/110.7mm x 3.850in/97.8mm	Ford	3281N	3.736in/95.0mm x 3.484in/88.4mm	GM
310514	3.500in/88.9mm x 3.484in/88.4mm	GM	3281N	3.875in/98.4mm x 3.250in/82.6mm	GM
310514	3.670in/93.2mm x 3.100in/78.7mm	GM	3281N	4.000in/101.6mm x 3.484in/88.5mm	GM
310514	3.736in/95.0mm x 3.000in/76.2mm	GM	3281N	4.050in/102.9mm x 3.590in/91.2mm	Ford
310514	3.736in/95.0mm x 3.484in/88.4mm	GM	3281N	4.360in/110.7mm x 3.590in/91.2mm	Ford
310514	3.875in/98.4mm x 3.250in/82.6mm	GM	3281N	4.360in/110.7mm x 3.850in/97.8mm	Ford
310514	4.000in/101.6mm x 3.484in/88.5mm	Hummer	3294	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
3159292	4.080in/103.6mm x 3.438in/87.3mm	Jeep	3294	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
3160035	3.750in/95.3mm x 3.906in/99.2mm	Jeep	3294	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
3169034	3.750in/95.3mm x 3.906in/99.2mm	Jeep	3294	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
3172218	3.750in/95.3mm x 3.906in/99.2mm	Jeep	3294	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
3172218R	3.750in/95.3mm x 3.906in/99.2mm	Jeep	3294	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
3178451C	4.080in/103.6mm x 3.438in/87.3mm	Jeep	3294	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
3188945	3.750in/95.3mm x 3.906in/99.2mm	Jeep	329880N	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
3188947	3.750in/95.3mm x 3.906in/99.2mm	Jeep	329880N	3.500in/88.9mm x 3.484in/88.4mm	GM
3193816	4.080in/103.6mm x 3.438in/87.3mm	Jeep	329880N	3.504in/89.0mm x 3.780in/96.0mm	Nissan



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
329880N	3.670in/93.2mm x 3.100in/78.7mm	GM	3732444	3.736in/95.0mm x 3.484in/88.4mm	GM
329880N	3.736in/95.0mm x 3.000in/76.2mm	GM	3732444	3.875in/98.4mm x 3.250in/82.6mm	GM
329880N	3.736in/95.0mm x 3.484in/88.4mm	GM	3732444	4.000in/101.6mm x 3.484in/88.5mm	Hummer
329880N	3.875in/98.4mm x 3.250in/82.6mm	GM	3732692	4.125in/104.8mm x 3.250in/82.6mm	GM
329880N	4.000in/101.6mm x 3.484in/88.5mm	GM	3732692	4.313in/109.5mm x 3.500in/109.6mm	GM
329880N	4.050in/102.9mm x 3.590in/91.2mm	Ford	3733223	4.125in/104.8mm x 3.250in/82.6mm	GM
329880N	4.360in/110.7mm x 3.590in/91.2mm	Ford	3733223	4.313in/109.5mm x 3.500in/109.6mm	GM
329880N	4.360in/110.7mm x 3.850in/97.8mm	Ford	3733226	4.125in/104.8mm x 3.250in/82.6mm	GM
3418640	4.000in/101.6mm x 3.578in/90.9mm	Jeep	3733226	4.313in/109.5mm x 3.500in/109.6mm	GM
3418840-2	4.000in/101.6mm x 3.578in/90.9mm	Jeep	3734627	3.750in/95.3mm x 3.000in/76.1mm	GM
3418995	4.000in/101.6mm x 3.578in/90.9mm	Jeep	3734627	3.875in/98.4mm x 3.000in/76.2mm	GM
3462387	3.910in/99.3mm x 3.313in/84.2mm	Jeep	3734627	4.000in/101.6mm x 3.000in/76.2mm	GM
3462387	4.040in/102.6mm x 3.313in/84.1mm	Chrysler	3735236	3.750in/95.3mm x 3.000in/76.1mm	GM
3462923	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	3735236	3.875in/98.4mm x 3.000in/76.2mm	GM
3462923	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	3735236	4.000in/101.6mm x 3.000in/76.2mm	GM
3462923	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	3741640	4.125in/104.8mm x 3.250in/82.6mm	GM
3462923	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	3741640	4.313in/109.5mm x 3.500in/109.6mm	GM
3482387	3.625in/92.1mm x 3.313in/84.2mm	Chrysler	3741642	4.125in/104.8mm x 3.250in/82.6mm	GM
3482387	3.910in/99.3mm x 3.313in/84.2mm	Jeep	3741642	4.313in/109.5mm x 3.500in/109.6mm	GM
3520090	3.622in/92.0mm x 3.307in/84.0mm	GM	3751841	3.625in/92.1mm x 3.313in/84.2mm	Chrysler
3520090	3.622in/92.0mm x 3.622in/92.0mm	GM	3751841	3.910in/99.3mm x 3.313in/84.2mm	Jeep
3521	4.125in/104.8mm x 3.766in/95.3mm	GM	3751877	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
3521	4.250in/108.0mm x 4.000in/101.6mm	GM	3751877	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
353039	4.125in/104.8mm x 3.766in/95.3mm	GM	3751877	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
353039	4.250in/108.0mm x 4.000in/101.6mm	GM	3751877	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
354431	3.500in/88.9mm x 3.484in/88.4mm	GM	3751888	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
354431	3.670in/93.2mm x 3.100in/78.7mm	GM	3751888	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
354431	3.736in/95.0mm x 3.000in/76.2mm	GM	3751888	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
354431	3.736in/95.0mm x 3.484in/88.4mm	GM	3751888	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
354431	3.875in/98.4mm x 3.250in/82.6mm	GM	3751888	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
354431	4.000in/101.6mm x 3.484in/88.5mm	GM	3751888	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
359730	4.125in/104.8mm x 3.766in/95.3mm	GM	3751888	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
359730	4.250in/108.0mm x 4.000in/101.6mm	GM	3751888-5	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
3654	3.661in/93.0mm x 3.189in/81.0mm	Chrysler	3751888-5	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
3654	3.780in/96.0mm x 3.425in/86.8mm	Chrysler	3751888-5	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
3654	3.780in/96.0mm x 3.425in/87.0mm	Jeep	3751888-5	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
3698641	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	3751888-5	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
3698641	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	3751888-5	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
3698641	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	3751888-5	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
3698641	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	3782680	4.000in/101.6mm x 3.250in/82.6mm	GM
3698641	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	3782690	4.000in/101.6mm x 3.250in/82.6mm	GM
3698641	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	378354	3.500in/88.9mm x 3.400in/84.0mm	GM
3698641	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	378354	3.800in/96.5mm x 2.660in/67.6mm	GM
3727449	3.750in/95.3mm x 3.000in/76.1mm	GM	378354	3.800in/96.5mm x 3.400in/86.4mm	GM
3727449	3.875in/98.4mm x 3.000in/76.2mm	GM	378354	3.965in/100.8mm x 3.400in/86.4mm	GM
3727449	4.000in/101.6mm x 3.000in/76.2mm	GM	3788072	4.125in/104.8mm x 3.250in/82.6mm	GM
3727499	3.750in/95.3mm x 3.000in/76.1mm	GM	3788072	4.313in/109.5mm x 3.500in/109.6mm	GM
3727499	3.875in/98.4mm x 3.000in/76.2mm	GM	3795589	4.125in/104.8mm x 3.250in/82.6mm	GM
3727499	4.000in/101.6mm x 3.000in/76.2mm	GM	3795589	4.313in/109.5mm x 3.500in/109.6mm	GM
3729449	3.750in/95.3mm x 3.000in/76.1mm	GM	3804816	3.938in/100.0mm x 3.766in/95.5mm	GM
3729449	3.875in/98.4mm x 3.000in/76.2mm	GM	3804816	4.094in/104.0mm x 3.766in/95.5mm	GM
3729449	4.000in/101.6mm x 3.000in/76.2mm	GM	3804816	4.125in/104.8mm x 3.766in/95.3mm	GM
3732444	3.500in/88.9mm x 3.484in/88.4mm	GM	3804816	4.250in/108.0mm x 3.766in/95.7mm	GM
3732444	3.670in/93.2mm x 3.100in/78.7mm	GM	3804816	4.250in/108.0mm x 4.000in/101.6mm	GM
3732444	3.736in/95.0mm x 3.000in/76.2mm	GM	381	4.000in/101.6mm x 3.000in/76.2mm	GM



CRANKSHAFT FORGING NUMBERS



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
381269	3.800in/96.5mm x 3.385in/86.0mm	GM	3874874	4.250in/108.0mm x 3.766in/95.7mm	GM
3815822	4.000in/101.6mm x 3.250in/82.6mm	GM	3874874	4.250in/108.0mm x 4.000in/101.6mm	GM
381919	3.800in/96.5mm x 3.385in/86.0mm	GM	3876764	3.750in/95.3mm x 3.000in/76.1mm	GM
3824544	4.125in/104.8mm x 3.250in/82.6mm	GM	3876764	3.875in/98.4mm x 3.000in/76.2mm	GM
3824544	4.313in/109.5mm x 3.500in/109.6mm	GM	3876764	4.000in/101.6mm x 3.000in/76.2mm	GM
3824553	4.125in/104.8mm x 3.250in/82.6mm	GM	3876768	3.750in/95.3mm x 3.000in/76.1mm	GM
3824553	4.313in/109.5mm x 3.500in/109.6mm	GM	3876768	3.875in/98.4mm x 3.000in/76.2mm	GM
3824554	4.125in/104.8mm x 3.250in/82.6mm	GM	3876768	4.000in/101.6mm x 3.000in/76.2mm	GM
3824554	4.313in/109.5mm x 3.500in/109.6mm	GM	3882841	4.125in/104.8mm x 3.750in/95.2mm	GM
3829027	4.125in/104.8mm x 3.250in/82.6mm	GM	3882842	3.938in/100.0mm x 3.766in/95.5mm	GM
3829027	4.313in/109.5mm x 3.500in/109.6mm	GM	3882842	4.094in/104.0mm x 3.766in/95.5mm	GM
3832442	3.500in/88.9mm x 3.484in/88.4mm	GM	3882842	4.125in/104.8mm x 3.766in/95.3mm	GM
3832442	3.670in/93.2mm x 3.100in/78.7mm	GM	3882842	4.250in/108.0mm x 3.766in/95.7mm	GM
3832442	3.736in/95.0mm x 3.000in/76.2mm	GM	3882842	4.250in/108.0mm x 4.000in/101.6mm	GM
3832442	3.736in/95.0mm x 3.484in/88.4mm	GM	3882847	3.938in/100.0mm x 3.766in/95.5mm	GM
3832442	3.875in/98.4mm x 3.250in/82.6mm	GM	3882847	4.094in/104.0mm x 3.766in/95.5mm	GM
3832442	4.000in/101.6mm x 3.484in/88.5mm	Hummer	3882847	4.125in/104.8mm x 3.766in/95.3mm	GM
3835236TG	3.750in/95.3mm x 3.000in/76.1mm	GM	3882847	4.250in/108.0mm x 3.766in/95.7mm	GM
3835236TG	3.875in/98.4mm x 3.000in/76.2mm	GM	3882847	4.250in/108.0mm x 4.000in/101.6mm	GM
3835236TG	4.000in/101.6mm x 3.000in/76.2mm	GM	3882848	3.938in/100.0mm x 3.766in/95.5mm	GM
3836144	3.938in/100.0mm x 3.766in/95.5mm	GM	3882848	4.094in/104.0mm x 3.766in/95.5mm	GM
3836144	4.094in/104.0mm x 3.766in/95.5mm	GM	3882848	4.125in/104.8mm x 3.766in/95.3mm	GM
3836144	4.125in/104.8mm x 3.766in/95.3mm	GM	3882848	4.250in/108.0mm x 3.766in/95.7mm	GM
3836144	4.250in/108.0mm x 3.766in/95.7mm	GM	3882848	4.250in/108.0mm x 4.000in/101.6mm	GM
3836144	4.250in/108.0mm x 4.000in/101.6mm	GM	3882849	3.938in/100.0mm x 3.766in/95.5mm	GM
3836236	3.750in/95.3mm x 3.000in/76.1mm	GM	3882849	4.094in/104.0mm x 3.766in/95.5mm	GM
3836236	3.875in/98.4mm x 3.000in/76.2mm	GM	3882849	4.125in/104.8mm x 3.766in/95.3mm	GM
3836236	4.000in/101.6mm x 3.000in/76.2mm	GM	3882849	4.250in/108.0mm x 3.766in/95.7mm	GM
3836266	3.750in/95.3mm x 3.000in/76.1mm	GM	3882849	4.250in/108.0mm x 4.000in/101.6mm	GM
3836266	3.875in/98.4mm x 3.000in/76.2mm	GM	3887114	3.938in/100.0mm x 3.766in/95.5mm	GM
3836266	4.000in/101.6mm x 3.000in/76.2mm	GM	3887114	4.094in/104.0mm x 3.766in/95.5mm	GM
3837266	3.750in/95.3mm x 3.000in/76.1mm	GM	3887114	4.125in/104.8mm x 3.766in/95.3mm	GM
3837266	3.875in/98.4mm x 3.000in/76.2mm	GM	3887114	4.250in/108.0mm x 3.766in/95.7mm	GM
3837266	4.000in/101.6mm x 3.000in/76.2mm	GM	3887114	4.250in/108.0mm x 4.000in/101.6mm	GM
3837466	4.125in/104.8mm x 3.250in/82.6mm	GM	388766	3.800in/96.5mm x 3.385in/86.0mm	GM
3837466	4.313in/109.5mm x 3.500in/109.6mm	GM	390	4.000in/101.6mm x 3.000in/76.2mm	GM
3838266	3.750in/95.3mm x 3.000in/76.1mm	GM	390275	3.800in/96.5mm x 3.385in/86.0mm	GM
3838266	3.875in/98.4mm x 3.000in/76.2mm	GM	390370	4.000in/101.6mm x 3.980in/101.1mm	GM
3838266	4.000in/101.6mm x 3.000in/76.2mm	GM	390370	4.125in/104.8mm x 3.980in/101.1mm	GM
3838396	4.125in/104.8mm x 3.250in/82.6mm	GM	390370	4.125in/104.8mm x 4.250in/108.0mm	GM
3838396	4.313in/109.5mm x 3.500in/109.6mm	GM	3904815	3.938in/100.0mm x 3.766in/95.5mm	GM
384722	4.000in/101.6mm x 3.980in/101.1mm	GM	3904815	4.094in/104.0mm x 3.766in/95.5mm	GM
384722	4.125in/104.8mm x 3.980in/101.1mm	GM	3904815	4.125in/104.8mm x 3.766in/95.3mm	GM
384722	4.125in/104.8mm x 4.250in/108.0mm	GM	3904815	4.250in/108.0mm x 3.766in/95.7mm	GM
3849847	3.750in/95.3mm x 3.000in/76.1mm	GM	3904815	4.250in/108.0mm x 4.000in/101.6mm	GM
3849847	3.875in/98.4mm x 3.000in/76.2mm	GM	3904816	3.938in/100.0mm x 3.766in/95.5mm	GM
3849847	4.000in/101.6mm x 3.000in/76.2mm	GM	3904816	4.094in/104.0mm x 3.766in/95.5mm	GM
3863144	3.938in/100.0mm x 3.766in/95.5mm	GM	3904816	4.125in/104.8mm x 3.766in/95.3mm	GM
3863144	4.094in/104.0mm x 3.766in/95.5mm	GM	3904816	4.250in/108.0mm x 3.766in/95.7mm	GM
3863144	4.125in/104.8mm x 3.766in/95.3mm	GM	3904816	4.250in/108.0mm x 4.000in/101.6mm	GM
3863144	4.250in/108.0mm x 3.766in/95.7mm	GM	3907804	4.016in/102.0mm x 4.724in/120.0mm	Chrysler
3863144	4.250in/108.0mm x 4.000in/101.6mm	GM	3911000	3.500in/88.9mm x 3.484in/88.4mm	GM
3874874	3.938in/100.0mm x 3.766in/95.5mm	GM	3911000	3.670in/93.2mm x 3.100in/78.7mm	GM
3874874	4.094in/104.0mm x 3.766in/95.5mm	GM	3911000	3.736in/95.0mm x 3.000in/76.2mm	GM
3874874	4.125in/104.8mm x 3.766in/95.3mm	GM	3911000	3.736in/95.0mm x 3.484in/88.4mm	GM



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
3911000	3.875in/98.4mm x 3.250in/82.6mm	GM	3932444	3.875in/98.4mm x 3.250in/82.6mm	GM
3911000	4.000in/101.6mm x 3.250in/82.6mm	GM	3932444	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3911000	4.000in/101.6mm x 3.484in/88.5mm	GM	393654	3.800in/96.5mm x 3.385in/86.0mm	GM
3911001	3.500in/88.9mm x 3.484in/88.4mm	GM	3941172	3.500in/88.9mm x 3.484in/88.4mm	GM
3911001	3.670in/93.2mm x 3.100in/78.7mm	GM	3941172	3.670in/93.2mm x 3.100in/78.7mm	GM
3911001	3.736in/95.0mm x 3.000in/76.2mm	GM	3941172	3.736in/95.0mm x 3.000in/76.2mm	GM
3911001	3.736in/95.0mm x 3.484in/88.4mm	GM	3941172	3.736in/95.0mm x 3.484in/88.4mm	GM
3911001	3.875in/98.4mm x 3.250in/82.6mm	GM	3941172	3.875in/98.4mm x 3.250in/82.6mm	GM
3911001	4.000in/101.6mm x 3.250in/82.6mm	GM	3941172	4.000in/101.6mm x 3.250in/82.6mm	GM
3911001	4.000in/101.6mm x 3.484in/88.5mm	GM	3941172	4.000in/101.6mm x 3.484in/88.5mm	GM
3911011	3.500in/88.9mm x 3.484in/88.4mm	GM	3941174	3.500in/88.9mm x 3.484in/88.4mm	GM
3911011	3.670in/93.2mm x 3.100in/78.7mm	GM	3941174	3.670in/93.2mm x 3.100in/78.7mm	GM
3911011	3.736in/95.0mm x 3.000in/76.2mm	GM	3941174	3.736in/95.0mm x 3.000in/76.2mm	GM
3911011	3.736in/95.0mm x 3.484in/88.4mm	GM	3941174	3.736in/95.0mm x 3.484in/88.4mm	GM
3911011	3.875in/98.4mm x 3.250in/82.6mm	GM	3941174	3.875in/98.4mm x 3.250in/82.6mm	GM
3911011	4.000in/101.6mm x 3.250in/82.6mm	GM	3941174	4.000in/101.6mm x 3.250in/82.6mm	GM
3911011	4.000in/101.6mm x 3.484in/88.5mm	GM	3941174	4.000in/101.6mm x 3.484in/88.5mm	GM
391101A	3.500in/88.9mm x 3.484in/88.4mm	GM	3941180	3.938in/100.0mm x 3.766in/95.5mm	GM
391101A	3.670in/93.2mm x 3.100in/78.7mm	GM	3941180	4.094in/104.0mm x 3.766in/95.5mm	GM
391101A	3.736in/95.0mm x 3.000in/76.2mm	GM	3941180	4.125in/104.8mm x 3.766in/95.3mm	GM
391101A	3.736in/95.0mm x 3.484in/88.4mm	GM	3941180	4.250in/108.0mm x 3.766in/95.7mm	GM
391101A	3.875in/98.4mm x 3.250in/82.6mm	GM	3941180	4.250in/108.0mm x 4.000in/101.6mm	GM
391101A	4.000in/101.6mm x 3.250in/82.6mm	GM	3941184	3.500in/88.9mm x 3.484in/88.4mm	GM
391101A	4.000in/101.6mm x 3.484in/88.5mm	GM	3941184	3.670in/93.2mm x 3.100in/78.7mm	GM
3912335	3.500in/88.9mm x 3.484in/88.4mm	GM	3941184	3.736in/95.0mm x 3.000in/76.2mm	GM
3912335	3.670in/93.2mm x 3.100in/78.7mm	GM	3941184	3.736in/95.0mm x 3.484in/88.4mm	GM
3912335	3.736in/95.0mm x 3.000in/76.2mm	GM	3941184	3.875in/98.4mm x 3.250in/82.6mm	GM
3912335	3.736in/95.0mm x 3.484in/88.4mm	GM	3941184	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3912335	3.875in/98.4mm x 3.250in/82.6mm	GM	3942411	3.938in/100.0mm x 3.766in/95.5mm	GM
3912335	4.000in/101.6mm x 3.484in/88.5mm	Hummer	3942411	4.094in/104.0mm x 3.766in/95.5mm	GM
3914681	3.500in/88.9mm x 3.484in/88.4mm	GM	3942411	4.125in/104.8mm x 3.766in/95.3mm	GM
3914681	3.670in/93.2mm x 3.100in/78.7mm	GM	3942411	4.250in/108.0mm x 3.766in/95.7mm	GM
3914681	3.736in/95.0mm x 3.000in/76.2mm	GM	3942411	4.250in/108.0mm x 4.000in/101.6mm	GM
3914681	3.736in/95.0mm x 3.484in/88.4mm	GM	3951528	4.125in/104.8mm x 3.750in/95.2mm	GM
3914681	3.875in/98.4mm x 3.250in/82.6mm	GM	3951529D	4.125in/104.8mm x 3.750in/95.2mm	GM
3914681	4.000in/101.6mm x 3.250in/82.6mm	GM	395654	3.800in/96.5mm x 3.385in/86.0mm	GM
3914681	4.000in/101.6mm x 3.484in/88.5mm	GM	3962523	4.125in/104.8mm x 3.766in/95.3mm	GM
3914682	3.500in/88.9mm x 3.484in/88.4mm	GM	3962523	4.250in/108.0mm x 4.000in/101.6mm	GM
3914682	3.670in/93.2mm x 3.100in/78.7mm	GM	3963523	4.125in/104.8mm x 3.766in/95.3mm	GM
3914682	3.736in/95.0mm x 3.000in/76.2mm	GM	3963523	4.250in/108.0mm x 4.000in/101.6mm	GM
3914682	3.736in/95.0mm x 3.484in/88.4mm	GM	3963524	4.125in/104.8mm x 3.766in/95.3mm	GM
3914682	3.875in/98.4mm x 3.250in/82.6mm	GM	3963524	4.250in/108.0mm x 4.000in/101.6mm	GM
3914682	4.000in/101.6mm x 3.250in/82.6mm	GM	3967463	4.125in/104.8mm x 3.766in/95.3mm	GM
3914682	4.000in/101.6mm x 3.484in/88.5mm	GM	3967463	4.250in/108.0mm x 4.000in/101.6mm	GM
3930809	3.500in/88.9mm x 3.484in/88.4mm	GM	397303	4.000in/101.6mm x 3.980in/101.1mm	GM
3930809	3.670in/93.2mm x 3.100in/78.7mm	GM	397303	4.125in/104.8mm x 3.980in/101.1mm	GM
3930809	3.736in/95.0mm x 3.000in/76.2mm	GM	397303	4.125in/104.8mm x 4.250in/108.0mm	GM
3930809	3.736in/95.0mm x 3.484in/88.4mm	GM	397363	4.000in/101.6mm x 3.980in/101.1mm	GM
3930809	3.875in/98.4mm x 3.250in/82.6mm	GM	397363	4.125in/104.8mm x 3.980in/101.1mm	GM
3930809	4.000in/101.6mm x 3.250in/82.6mm	GM	397363	4.125in/104.8mm x 4.250in/108.0mm	GM
3930809	4.000in/101.6mm x 3.484in/88.5mm	GM	3975945	4.125in/104.8mm x 3.766in/95.3mm	GM
3932444	3.500in/88.9mm x 3.484in/88.4mm	GM	3975945	4.250in/108.0mm x 4.000in/101.6mm	GM
3932444	3.670in/93.2mm x 3.100in/78.7mm	GM	398261	3.800in/96.5mm x 3.385in/86.0mm	GM
3932444	3.736in/95.0mm x 3.000in/76.2mm	GM	398621	3.800in/96.5mm x 3.385in/86.0mm	GM
3932444	3.736in/95.0mm x 3.484in/88.4mm	GM	3A	2.874in/73.0mm x 3.425in/87.0mm	Toyota



CRANKSHAFT FORGING NUMBERS



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
3A	2.913in/74.0mm x 2.972in/75.5mm	GM	4027169	4.000in/101.6mm x 3.578in/90.9mm	Jeep
3A	2.913in/74.0mm x 3.420in/87.0mm	Toyota	4027172	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
3A	3.390in/86.1mm x 3.386in/86.0mm	Toyota	4027172	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
3A	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	4027172	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
3AC	2.874in/73.0mm x 3.425in/87.0mm	Toyota	4027172	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
3AC	2.913in/74.0mm x 2.972in/75.5mm	GM	4027175	4.063in/103.2mm x 3.375in/85.7mm	Chrysler
3AC	2.913in/74.0mm x 3.420in/87.0mm	Toyota	4027175	4.125in/104.8mm x 3.375in/85.7mm	Chrysler
3AC	3.390in/86.1mm x 3.386in/86.0mm	Toyota	4027175	4.188in/106.4mm x 3.750in/95.3mm	Chrysler
3AC	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	4027175	4.250in/108.0mm x 3.375in/85.9mm	Chrysler
3AH	2.874in/73.0mm x 3.425in/87.0mm	Toyota	4027175	4.250in/108.0mm x 3.750in/95.3mm	Chrysler
3AH	2.913in/74.0mm x 2.972in/75.5mm	GM	4027175	4.320in/109.7mm x 3.750in/95.2mm	Chrysler
3AH	2.913in/74.0mm x 3.420in/87.0mm	Toyota	4027175	4.342in/110.3mm x 3.375in/85.7mm	Chrysler
3AH	3.390in/86.1mm x 3.386in/86.0mm	Toyota	403707	4.000in/101.6mm x 3.980in/101.1mm	GM
3AH	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	403707	4.125in/104.8mm x 3.980in/101.1mm	GM
3B	2.874in/73.0mm x 3.425in/87.0mm	Toyota	403707	4.125in/104.8mm x 4.250in/108.0mm	GM
3B	2.913in/74.0mm x 2.972in/75.5mm	GM	404	3.800in/96.5mm x 2.660in/67.6mm	GM
3B	2.913in/74.0mm x 3.420in/87.0mm	Toyota	404	3.800in/96.5mm x 3.400in/86.4mm	GM
3B	3.390in/86.1mm x 3.386in/86.0mm	Toyota	405954	4.000in/101.6mm x 3.980in/101.1mm	GM
3B	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	405954	4.125in/104.8mm x 3.980in/101.1mm	GM
3C	4.000in/101.6mm x 3.500in/88.8mm	Ford	405954	4.125in/104.8mm x 4.250in/108.0mm	GM
3E	2.874in/73.0mm x 3.425in/87.0mm	Toyota	407N	3.189in/81.0mm x 3.031in/77.0mm	Toyota
3E	2.913in/74.0mm x 2.972in/75.5mm	GM	407N	3.346in/85.0mm x 3.465in/88.0mm	Chrysler
3E	2.913in/74.0mm x 3.420in/87.0mm	Toyota	407N	3.406in/86.5mm x 3.937in/100.0mm	Chrysler
3E	3.390in/86.1mm x 3.386in/86.0mm	Toyota	407N	3.504in/89.0mm x 3.780in/96.0mm	Nissan
3E	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	40F	3.189in/81.0mm x 3.031in/77.0mm	Toyota
3H	2.874in/73.0mm x 3.425in/87.0mm	Toyota	40F	3.346in/85.0mm x 3.465in/88.0mm	Chrysler
3H	2.913in/74.0mm x 2.972in/75.5mm	GM	40F	3.504in/89.0mm x 3.780in/96.0mm	Nissan
3H	2.913in/74.0mm x 3.420in/87.0mm	Toyota	418882	3.800in/96.5mm x 3.385in/86.0mm	GM
3H	3.390in/86.1mm x 3.386in/86.0mm	Toyota	4196N	3.189in/81.0mm x 3.031in/77.0mm	Toyota
3H	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	4196N	3.346in/85.0mm x 3.465in/88.0mm	Chrysler
3KC	2.874in/73.0mm x 3.425in/87.0mm	Toyota	4196N	3.406in/86.5mm x 3.937in/100.0mm	Chrysler
3KC	2.913in/74.0mm x 2.972in/75.5mm	GM	4196N	3.504in/89.0mm x 3.780in/96.0mm	Nissan
3KC	2.913in/74.0mm x 3.420in/87.0mm	Toyota	4434	3.425in/87.0mm x 2.953in/75.0mm	Acura
3KC	3.390in/86.1mm x 3.386in/86.0mm	Toyota	4456	2.953in/75.0mm x 3.543in/90.0mm	Acura
3KC	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	4487237	4.080in/103.6mm x 3.438in/87.3mm	Jeep
3M	4.000in/101.6mm x 3.500in/88.8mm	Ford	45-T	3.189in/81.0mm x 3.031in/77.0mm	Toyota
3MA	4.000in/101.6mm x 3.500in/88.8mm	Ford	45-T	3.346in/85.0mm x 3.465in/88.0mm	Chrysler
3SF	2.874in/73.0mm x 3.425in/87.0mm	Toyota	45-T	3.406in/86.5mm x 3.937in/100.0mm	Chrysler
3SF	2.913in/74.0mm x 2.972in/75.5mm	GM	45-T	3.504in/89.0mm x 3.780in/96.0mm	Nissan
3SF	2.913in/74.0mm x 3.420in/87.0mm	Toyota	4568749	3.500in/88.9mm x 3.484in/88.4mm	GM
3SF	3.390in/86.1mm x 3.386in/86.0mm	Toyota	4568749	3.670in/93.2mm x 3.100in/78.7mm	GM
3SF	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	4568749	3.736in/95.0mm x 3.000in/76.2mm	GM
3Y	4.050in/102.9mm x 3.590in/91.2mm	Ford	4568749	3.736in/95.0mm x 3.484in/88.4mm	GM
3Y	4.360in/110.7mm x 3.590in/91.2mm	Ford	4568749	3.875in/98.4mm x 3.250in/82.6mm	GM
3Y	4.360in/110.7mm x 3.850in/97.8mm	Ford	4568749	4.000in/101.6mm x 3.484in/88.5mm	Hummer
3YA	3.189in/81.0mm x 3.031in/77.0mm	Toyota	4577	3.500in/88.9mm x 3.484in/88.4mm	GM
3YA	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	4577	3.670in/93.2mm x 3.100in/78.7mm	GM
3YA	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	4577	3.736in/95.0mm x 3.000in/76.2mm	GM
3YA	3.504in/89.0mm x 3.780in/96.0mm	Nissan	4577	3.736in/95.0mm x 3.484in/88.4mm	GM
3YAB	4.050in/102.9mm x 3.590in/91.2mm	Ford	4577	3.875in/98.4mm x 3.250in/82.6mm	GM
3YAB	4.360in/110.7mm x 3.590in/91.2mm	Ford	4577	4.000in/101.6mm x 3.250in/82.6mm	GM
3YAB	4.360in/110.7mm x 3.850in/97.8mm	Ford	4577	4.000in/101.6mm x 3.484in/88.5mm	GM
400934	4.000in/101.6mm x 3.980in/101.1mm	GM	4672	3.500in/88.9mm x 3.484in/88.4mm	GM
400934	4.125in/104.8mm x 3.980in/101.1mm	GM	4672	3.670in/93.2mm x 3.100in/78.7mm	GM
400934	4.125in/104.8mm x 4.250in/108.0mm	GM	4672	3.736in/95.0mm x 3.000in/76.2mm	GM



CRANKSHAFT FORGING NUMBERS

MAHLE

FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
4672	3.736in/95.0mm x 3.484in/88.4mm	GM	4K	3.240in/82.3mm x 2.953in/75.0mm	Chrysler
4672	3.875in/98.4mm x 3.250in/82.6mm	GM	4K	3.445in/87.5mm x 3.268in/83.0mm	Chrysler
4672	4.000in/101.6mm x 3.250in/82.6mm	GM	4K05	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi
4672	4.000in/101.6mm x 3.484in/88.5mm	GM	4K05	3.028in/76.9mm x 3.386in/86.0mm	Chrysler
4813	3.719in/94.5mm x 3.750in/95.3mm	GM	4K05	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
4813	3.875in/98.4mm x 3.750in/95.2mm	GM	4K05	3.240in/82.3mm x 2.953in/75.0mm	Chrysler
4813	4.120in/104.6mm x 3.750in/95.3mm	GM	4K05	3.445in/87.5mm x 3.268in/83.0mm	Chrysler
481379	3.719in/94.5mm x 3.750in/95.3mm	GM	4M	4.000in/101.6mm x 3.500in/88.8mm	Ford
481379	3.875in/98.4mm x 3.750in/95.2mm	GM	4MA	4.000in/101.6mm x 3.500in/88.8mm	Ford
481379	4.120in/104.6mm x 3.750in/95.3mm	GM	4MAB	4.000in/101.6mm x 3.500in/88.8mm	Ford
481380	3.719in/94.5mm x 3.750in/95.3mm	GM	4U	4.050in/102.9mm x 3.590in/91.2mm	Ford
481380	3.875in/98.4mm x 3.750in/95.2mm	GM	4U	4.360in/110.7mm x 3.590in/91.2mm	Ford
481380	4.120in/104.6mm x 3.750in/95.3mm	GM	4U	4.360in/110.7mm x 3.850in/97.8mm	Ford
493654	3.719in/94.5mm x 3.750in/95.3mm	GM	4UA	4.050in/102.9mm x 3.590in/91.2mm	Ford
493654	3.875in/98.4mm x 3.750in/95.2mm	GM	4UA	4.360in/110.7mm x 3.590in/91.2mm	Ford
493654	4.120in/104.6mm x 3.750in/95.3mm	GM	4UA	4.360in/110.7mm x 3.850in/97.8mm	Ford
496452	3.719in/94.5mm x 3.750in/95.3mm	GM	4UAB	4.050in/102.9mm x 3.590in/91.2mm	Ford
496452	3.875in/98.4mm x 3.750in/95.2mm	GM	4UAB	4.360in/110.7mm x 3.590in/91.2mm	Ford
496452	4.120in/104.6mm x 3.750in/95.3mm	GM	4UAB	4.360in/110.7mm x 3.850in/97.8mm	Ford
496453	4.094in/104.0mm x 4.000in/101.6mm	GM	4UB	4.050in/102.9mm x 3.590in/91.2mm	Ford
496453	4.120in/104.6mm x 4.000in/101.6mm	GM	4UB	4.360in/110.7mm x 3.590in/91.2mm	Ford
496453	4.151in/105.4mm x 4.210in/107.0mm	GM	4UB	4.360in/110.7mm x 3.850in/97.8mm	Ford
4993111	4.000in/101.6mm x 3.000in/76.2mm	GM	4XC-U	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4A	3.189in/81.0mm x 3.031in/77.0mm	Toyota	4XC-U	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4A	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	4XC-UT	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4A	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	4XC-UT	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4A	3.504in/89.0mm x 3.780in/96.0mm	Nissan	4XC1-U	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi
4AC	3.189in/81.0mm x 3.031in/77.0mm	Toyota	4XC1-U	3.028in/76.9mm x 3.386in/86.0mm	Chrysler
4AC	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	4XC1-U	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
4AC	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	4XC1-U	3.240in/82.3mm x 2.953in/75.0mm	Chrysler
4AC	3.504in/89.0mm x 3.780in/96.0mm	Nissan	4XC1-U	3.445in/87.5mm x 3.268in/83.0mm	Chrysler
4AL	3.189in/81.0mm x 3.031in/77.0mm	Toyota	4XC1-U	3.445in/87.5mm x 3.268in/83.0mm	Chrysler
4AL	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	4XC1U	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi
4AL	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	4XC1U	3.028in/76.9mm x 3.386in/86.0mm	Chrysler
4AL	3.504in/89.0mm x 3.780in/96.0mm	Nissan	4XC1U	3.173in/80.6mm x 3.386in/86.0mm	Chrysler
4G-3	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi	4XC1U	3.240in/82.3mm x 2.953in/75.0mm	Chrysler
4G-3	3.028in/76.9mm x 3.386in/86.0mm	Chrysler	4XC1U	3.445in/87.5mm x 3.268in/83.0mm	Chrysler
4G-3	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	4XC1U	3.445in/87.5mm x 3.268in/83.0mm	Chrysler
4G-3	3.240in/82.3mm x 2.953in/75.0mm	Chrysler	4XC1U	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4G-3	3.445in/87.5mm x 3.268in/83.0mm	Chrysler	4XC1U	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4G1	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi	4XCUT	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4G1	3.028in/76.9mm x 3.386in/86.0mm	Chrysler	4XCUT	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4G1	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	4XCUT	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4G1	3.240in/82.3mm x 2.953in/75.0mm	Chrysler	4XCUT	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4G1	3.445in/87.5mm x 3.268in/83.0mm	Chrysler	4ZE1	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4G3	3.028in/76.9mm x 3.386in/86.0mm	Chrysler	4ZE1	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4G3	3.240in/82.3mm x 2.953in/75.0mm	Chrysler	4ZE1	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4G61	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi	5 E	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4G61	3.028in/76.9mm x 3.386in/86.0mm	Chrysler	5 E	3.500in/88.9mm x 2.992in/76.0mm	GM
4G61	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	504	3.504in/89.0mm x 3.307in/84.0mm	GM
4G61	3.240in/82.3mm x 2.953in/75.0mm	Chrysler	504	3.622in/92.0mm x 3.307in/84.0mm	GM
4G61	3.445in/87.5mm x 3.268in/83.0mm	Chrysler	504	2.972in/75.5mm x 3.287in/83.5mm	Hyundai
4K	2.972in/75.5mm x 3.228in/82.0mm	Mitsubishi	508E-6303	3.622in/92.0mm x 3.502in/89.0mm	Toyota
4K	3.028in/76.9mm x 3.386in/86.0mm	Chrysler	508E-6303	3.445in/87.5mm x 3.622in/92.0mm	Chrysler
4K	3.173in/80.6mm x 3.386in/86.0mm	Chrysler	5214738	3.661in/93.0mm x 3.406in/86.5mm	Jeep
			53020683	3.917in/99.5mm x 3.580in/90.9mm	Chrysler
			53021300AA	3.661in/93.0mm x 3.406in/86.5mm	Jeep
			53021409AA	3.719in/94.5mm x 3.750in/95.3mm	GM
			531369	3.875in/98.4mm x 3.750in/95.2mm	GM
			531369		



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
531369	4.120in/104.6mm x 3.750in/95.3mm	GM	6764	4.000in/101.6mm x 3.000in/76.2mm	GM
541585	3.719in/94.5mm x 3.750in/95.3mm	GM	684	4.000in/101.6mm x 3.000in/76.2mm	GM
541585	3.875in/98.4mm x 3.750in/95.2mm	GM	69-GU	3.346in/85.0mm x 3.465in/88.0mm	Chrysler
541585	4.120in/104.6mm x 3.750in/95.3mm	GM	69-GU	3.406in/86.5mm x 3.937in/100.0mm	Chrysler
542990	4.094in/104.0mm x 4.000in/101.6mm	GM	69-GU	3.445in/87.5mm x 3.622in/92.0mm	Chrysler
542990	4.120in/104.6mm x 4.000in/101.6mm	GM	6AM	3.346in/85.0mm x 3.465in/88.0mm	Chrysler
542990	4.151in/105.4mm x 4.210in/107.0mm	GM	6AM	3.406in/86.5mm x 3.937in/100.0mm	Chrysler
544191	3.719in/94.5mm x 3.750in/95.3mm	GM	6AM	3.445in/87.5mm x 3.622in/92.0mm	Chrysler
544191	3.875in/98.4mm x 3.750in/95.2mm	GM	6M	2.913in/74.0mm x 3.031in/77.0mm	GM
544191	4.120in/104.6mm x 3.750in/95.3mm	GM	6M	2.992in/76.0mm x 3.465in/88.0mm	Nissan
556607	3.800in/96.5mm x 3.385in/86.0mm	GM	6M	3.268in/83.0mm x 3.583in/91.0mm	Toyota
565524DYNA	2.972in/75.5mm x 3.287in/83.5mm	Hyundai	7115	3.938in/100.0mm x 3.766in/95.5mm	GM
565524DYNA	3.622in/92.0mm x 3.502in/89.0mm	Toyota	7115	4.094in/104.0mm x 3.766in/95.5mm	GM
5782680	4.000in/101.6mm x 3.250in/82.6mm	GM	7115	4.125in/104.8mm x 3.766in/95.3mm	GM
584722	4.000in/101.6mm x 3.980in/101.1mm	GM	7115	4.250in/108.0mm x 3.766in/95.7mm	GM
584722	4.125in/104.8mm x 3.980in/101.1mm	GM	7115	4.250in/108.0mm x 4.000in/101.6mm	GM
584722	4.125in/104.8mm x 4.250in/108.0mm	GM	7243N	2.913in/74.0mm x 3.031in/77.0mm	GM
59-PK	3.189in/81.0mm x 3.031in/77.0mm	Toyota	7243N	2.992in/76.0mm x 3.465in/88.0mm	Nissan
59-PK	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	7243N	3.268in/83.0mm x 3.583in/91.0mm	Toyota
5A	3.189in/81.0mm x 3.031in/77.0mm	Toyota	726N	3.500in/88.9mm x 3.484in/88.4mm	GM
5A	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	726N	3.736in/95.0mm x 3.484in/88.4mm	GM
5AK	3.189in/81.0mm x 3.031in/77.0mm	Toyota	726N	4.000in/101.6mm x 3.484in/88.4mm	GM
5AK	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	732	3.800in/96.5mm x 2.660in/67.6mm	GM
5G9-37	3.189in/81.0mm x 3.031in/77.0mm	Toyota	732	3.800in/96.5mm x 3.400in/86.4mm	GM
5G9-37	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	7416	4.125in/104.8mm x 3.766in/95.3mm	GM
5M	4.000in/101.6mm x 3.500in/88.8mm	Ford	7416	4.250in/108.0mm x 4.000in/101.6mm	GM
5M	4.000in/101.6mm x 4.000in/101.6mm	Ford	74TM	2.913in/74.0mm x 3.031in/77.0mm	GM
5MA	4.000in/101.6mm x 3.500in/88.8mm	Ford	74TM	2.992in/76.0mm x 3.465in/88.0mm	Nissan
5MA	4.000in/101.6mm x 4.000in/101.6mm	Ford	74TM	3.268in/83.0mm x 3.583in/91.0mm	Toyota
5MAB	4.000in/101.6mm x 3.500in/88.8mm	Ford	76TM	2.913in/74.0mm x 3.031in/77.0mm	GM
5MAB	4.000in/101.6mm x 4.000in/101.6mm	Ford	76TM	2.992in/76.0mm x 3.465in/88.0mm	Nissan
5MABC	4.000in/101.6mm x 3.500in/88.8mm	Ford	76TM	3.268in/83.0mm x 3.583in/91.0mm	Toyota
5MABC	4.000in/101.6mm x 4.000in/101.6mm	Ford	771	4.000in/101.6mm x 3.000in/76.2mm	GM
6-H	2.913in/74.0mm x 3.031in/77.0mm	GM	777	4.000in/101.6mm x 3.000in/76.2mm	GM
6-H	2.992in/76.0mm x 3.465in/88.0mm	Nissan	77A	2.913in/74.0mm x 3.031in/77.0mm	GM
6-H	3.268in/83.0mm x 3.583in/91.0mm	Toyota	77A	2.992in/76.0mm x 3.465in/88.0mm	Nissan
6223	3.938in/100.0mm x 3.766in/95.5mm	GM	77A	3.268in/83.0mm x 3.583in/91.0mm	Toyota
6223	4.094in/104.0mm x 3.766in/95.5mm	GM	78TM	2.913in/74.0mm x 3.031in/77.0mm	GM
6223	4.125in/104.8mm x 3.766in/95.3mm	GM	78TM	2.992in/76.0mm x 3.465in/88.0mm	Nissan
6223	4.250in/108.0mm x 3.766in/95.7mm	GM	78TM	3.268in/83.0mm x 3.583in/91.0mm	Toyota
6223	4.250in/108.0mm x 4.000in/101.6mm	GM	78TM-CA	2.913in/74.0mm x 3.031in/77.0mm	GM
63-GC	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	78TM-CA	2.992in/76.0mm x 3.465in/88.0mm	Nissan
63-GC	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	78TM-CA	3.268in/83.0mm x 3.583in/91.0mm	Toyota
63-GC	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	7HA	2.913in/74.0mm x 3.031in/77.0mm	GM
63GC	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	7HA	2.992in/76.0mm x 3.465in/88.0mm	Nissan
63GC	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	7HA	3.268in/83.0mm x 3.583in/91.0mm	Toyota
63GC	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	7HA-6303	2.913in/74.0mm x 3.031in/77.0mm	GM
63GU	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	7HA-6303	2.992in/76.0mm x 3.465in/88.0mm	Nissan
63GU	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	7HA-6303	3.268in/83.0mm x 3.583in/91.0mm	Toyota
63GU	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	7M	4.000in/101.6mm x 3.500in/88.8mm	Ford
65-RU	3.346in/85.0mm x 3.465in/88.0mm	Chrysler	7MA	4.000in/101.6mm x 3.500in/88.8mm	Ford
65-RU	3.406in/86.5mm x 3.937in/100.0mm	Chrysler	81-K	2.913in/74.0mm x 3.031in/77.0mm	GM
65-RU	3.445in/87.5mm x 3.622in/92.0mm	Chrysler	81-K	2.992in/76.0mm x 3.465in/88.0mm	Nissan
6764	3.750in/95.3mm x 3.000in/76.1mm	GM	81-K	3.268in/83.0mm x 3.583in/91.0mm	Toyota
6764	3.875in/98.4mm x 3.000in/76.2mm	GM	817	3.504in/89.0mm x 3.307in/84.0mm	GM



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
817	3.622in/92.0mm x 3.307in/84.0mm	GM	9166N	3.661in/93.0mm x 2.831in/71.9mm	Ford
82TM	3.504in/89.0mm x 3.465in/88.0mm	GM	9166N	3.953in/100.4mm x 3.318in/84.3mm	Mazda
82TM	3.661in/93.0mm x 2.831in/71.9mm	Ford	91A-6303-A	2.913in/74.0mm x 3.031in/77.0mm	GM
82TM-HAA	3.504in/89.0mm x 3.465in/88.0mm	GM	91A-6303-A	3.339in/84.8mm x 3.461in/87.9mm	Ford
82TM-HAA	3.661in/93.0mm x 2.831in/71.9mm	Ford	91A-6303-A	3.661in/93.0mm x 2.831in/71.9mm	Ford
851M	3.504in/89.0mm x 3.465in/88.0mm	GM	91A-6303-A	3.953in/100.4mm x 3.318in/84.3mm	Mazda
851M	3.661in/93.0mm x 2.831in/71.9mm	Ford	91A-6303-B	2.913in/74.0mm x 3.031in/77.0mm	GM
8698461	4.063in/103.2mm x 3.375in/85.7mm	Chrysler	91A-6303-B	3.339in/84.8mm x 3.461in/87.9mm	Ford
8698461	4.125in/104.8mm x 3.375in/85.7mm	Chrysler	91A-6303-B	3.661in/93.0mm x 2.831in/71.9mm	Ford
8698461	4.188in/106.4mm x 3.750in/95.3mm	Chrysler	91A-6303-B	3.953in/100.4mm x 3.318in/84.3mm	Mazda
8698461	4.250in/108.0mm x 3.375in/85.9mm	Chrysler	91H-6303-B	2.913in/74.0mm x 3.031in/77.0mm	GM
8698461	4.250in/108.0mm x 3.750in/95.3mm	Chrysler	91H-6303-B	3.339in/84.8mm x 3.461in/87.9mm	Ford
8698461	4.320in/109.7mm x 3.750in/95.2mm	Chrysler	91H-6303-B	3.661in/93.0mm x 2.831in/71.9mm	Ford
8698461	4.342in/110.3mm x 3.375in/85.7mm	Chrysler	91H-6303-B	3.953in/100.4mm x 3.318in/84.3mm	Mazda
86TM-BA	3.504in/89.0mm x 3.465in/88.0mm	GM	91K	2.913in/74.0mm x 3.031in/77.0mm	GM
86TM-BA	3.661in/93.0mm x 2.831in/71.9mm	Ford	91K	3.339in/84.8mm x 3.461in/87.9mm	Ford
8767	3.800in/96.5mm x 2.660in/67.6mm	GM	91K	3.661in/93.0mm x 2.831in/71.9mm	Ford
8767	3.800in/96.5mm x 3.400in/86.4mm	GM	91K	3.953in/100.4mm x 3.318in/84.3mm	Mazda
887652N	3.504in/89.0mm x 3.465in/88.0mm	GM	91TM-AA	2.913in/74.0mm x 3.031in/77.0mm	GM
887652N	3.661in/93.0mm x 2.831in/71.9mm	Ford	91TM-AA	3.339in/84.8mm x 3.461in/87.9mm	Ford
88TM-BA	3.504in/89.0mm x 3.465in/88.0mm	GM	91TM-AA	3.661in/93.0mm x 2.831in/71.9mm	Ford
88TM-BA	3.661in/93.0mm x 2.831in/71.9mm	Ford	91TM-AA	3.953in/100.4mm x 3.318in/84.3mm	Mazda
8F28	3.504in/89.0mm x 3.465in/88.0mm	GM	96TM-AA	2.795in/71.0mm x 3.290in/83.6mm	Ford
8F28	3.661in/93.0mm x 2.831in/71.9mm	Ford	96TM-AA	3.587in/91.1mm x 2.992in/76.0mm	Chrysler
8F28	3.780in/96.0mm x 3.125in/79.4mm	Mazda	96TM-AA	3.780in/96.0mm x 3.189in/81.0mm	Chrysler
8HA	3.504in/89.0mm x 3.465in/88.0mm	GM	96TM-AA	3.953in/100.4mm x 3.318in/84.3mm	Mazda
8HA	3.661in/93.0mm x 2.831in/71.9mm	Ford	9770488	4.094in/104.0mm x 4.000in/101.6mm	GM
8HA-6303	3.504in/89.0mm x 3.465in/88.0mm	GM	9770488	4.120in/104.6mm x 4.000in/101.6mm	GM
8HA-6303	3.661in/93.0mm x 2.831in/71.9mm	Ford	9770488	4.151in/105.4mm x 4.210in/107.0mm	GM
8M	4.000in/101.6mm x 3.500in/88.8mm	Ford	9773382	3.719in/94.5mm x 3.750in/95.3mm	GM
8M	4.000in/101.6mm x 4.000in/101.6mm	Ford	9773382	3.875in/98.4mm x 3.750in/95.2mm	GM
8MTH	3.504in/89.0mm x 3.465in/88.0mm	GM	9773382	4.120in/104.6mm x 3.750in/95.3mm	GM
8MTH	3.661in/93.0mm x 2.831in/71.9mm	Ford	9773383	3.719in/94.5mm x 3.750in/95.3mm	GM
90-21-0	2.913in/74.0mm x 3.031in/77.0mm	GM	9773383	3.875in/98.4mm x 3.750in/95.2mm	GM
90-21-0	3.339in/84.8mm x 3.461in/87.9mm	Ford	9773383	4.120in/104.6mm x 3.750in/95.3mm	GM
90-21-0	3.661in/93.0mm x 2.831in/71.9mm	Ford	9773384	4.094in/104.0mm x 4.000in/101.6mm	GM
90-21-0	3.953in/100.4mm x 3.318in/84.3mm	Mazda	9773384	4.120in/104.6mm x 4.000in/101.6mm	GM
90003C	3.504in/89.0mm x 3.465in/88.0mm	GM	9773384	4.151in/105.4mm x 4.210in/107.0mm	GM
90003C	3.661in/93.0mm x 2.831in/71.9mm	Ford	9773524	3.719in/94.5mm x 3.750in/95.3mm	GM
90TM-6303-AB	3.953in/100.4mm x 3.318in/84.3mm	Ford	9773524	3.875in/98.4mm x 3.750in/95.2mm	GM
90TM-AA	2.913in/74.0mm x 3.031in/77.0mm	GM	9773524	4.120in/104.6mm x 3.750in/95.3mm	GM
90TM-AA	3.339in/84.8mm x 3.461in/87.9mm	Ford	9773573	3.719in/94.5mm x 3.750in/95.3mm	GM
90TM-AA	3.661in/93.0mm x 2.831in/71.9mm	Ford	9773573	3.875in/98.4mm x 3.750in/95.2mm	GM
90TM-AA	3.953in/100.4mm x 3.318in/84.3mm	Mazda	9773573	4.120in/104.6mm x 3.750in/95.3mm	GM
90TM-AB	2.913in/74.0mm x 3.031in/77.0mm	GM	9782646	3.719in/94.5mm x 3.750in/95.3mm	GM
90TM-AB	3.339in/84.8mm x 3.461in/87.9mm	Ford	9782646	3.875in/98.4mm x 3.750in/95.2mm	GM
90TM-AB	3.661in/93.0mm x 2.831in/71.9mm	Ford	9782646	4.120in/104.6mm x 3.750in/95.3mm	GM
90TM-AB	3.953in/100.4mm x 3.318in/84.3mm	Mazda	9782769	4.094in/104.0mm x 4.000in/101.6mm	GM
9115	3.938in/100.0mm x 3.766in/95.5mm	GM	9782769	4.120in/104.6mm x 4.000in/101.6mm	GM
9115	4.094in/104.0mm x 3.766in/95.5mm	GM	9782769	4.151in/105.4mm x 4.210in/107.0mm	GM
9115	4.125in/104.8mm x 3.766in/95.3mm	GM	9782770	3.719in/94.5mm x 3.750in/95.3mm	GM
9115	4.250in/108.0mm x 3.766in/95.7mm	GM	9782770	3.875in/98.4mm x 3.750in/95.2mm	GM
9115	4.250in/108.0mm x 4.000in/101.6mm	GM	9782770	4.120in/104.6mm x 3.750in/95.3mm	GM
9166N	2.913in/74.0mm x 3.031in/77.0mm	GM	9783785	3.719in/94.5mm x 3.750in/95.3mm	GM
9166N	3.339in/84.8mm x 3.461in/87.9mm	Ford	9783785	3.875in/98.4mm x 3.750in/95.2mm	GM



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
9783785	4.120in/104.6mm x 3.750in/95.3mm	GM	B301	3.780in/96.0mm x 3.189in/81.0mm	Chrysler
9783786	3.719in/94.5mm x 3.750in/95.3mm	GM	B301	3.953in/100.4mm x 3.318in/84.3mm	Mazda
9783786	3.875in/98.4mm x 3.750in/95.2mm	GM	B3C7	2.965in/75.3mm x 3.268in/83.0mm	Mazda
9783786	4.120in/104.6mm x 3.750in/95.3mm	GM	B4A-6303-B	2.965in/75.3mm x 3.268in/83.0mm	Mazda
9783787	4.094in/104.0mm x 4.000in/101.6mm	GM	B4A-B	2.965in/75.3mm x 3.268in/83.0mm	Mazda
9783787	4.120in/104.6mm x 4.000in/101.6mm	GM	B5A-6303-B	2.965in/75.3mm x 3.268in/83.0mm	Mazda
9783787	4.151in/105.4mm x 4.210in/107.0mm	GM	B5A-6303-B	3.071in/78.0mm x 3.307in/84.0mm	Ford
9793573	3.719in/94.5mm x 3.750in/95.3mm	GM	B5Q-6303-A	3.071in/78.0mm x 3.307in/84.0mm	Ford
9793573	3.875in/98.4mm x 3.750in/95.2mm	GM	B5S-6303-A	3.071in/78.0mm x 3.307in/84.0mm	Ford
9793573	4.120in/104.6mm x 3.750in/95.3mm	GM	B616	3.071in/78.0mm x 3.307in/84.0mm	Ford
9794054	3.719in/94.5mm x 3.750in/95.3mm	GM	B630	3.071in/78.0mm x 3.307in/84.0mm	Mazda
9794054	3.875in/98.4mm x 3.750in/95.2mm	GM	B657	3.071in/78.0mm x 3.307in/84.0mm	Mazda
9794054	4.120in/104.6mm x 3.750in/95.3mm	GM	B6S	3.071in/78.0mm x 3.307in/84.0mm	Mazda
97954	3.719in/94.5mm x 3.750in/95.3mm	GM	B6S7	3.071in/78.0mm x 3.307in/84.0mm	Kia
97954	3.875in/98.4mm x 3.750in/95.2mm	GM	B7	3.445in/87.5mm x 3.268in/83.0mm	Toyota
97954	4.120in/104.6mm x 3.750in/95.3mm	GM	C0E-A	3.500in/88.9mm x 2.880in/73.0mm	Ford
9795479	3.719in/94.5mm x 3.750in/95.3mm	GM	C0E-A	3.680in/93.5mm x 3.000in/76.2mm	Ford
9795479	3.875in/98.4mm x 3.750in/95.2mm	GM	C0E-A	3.800in/96.5mm x 2.870in/72.9mm	Ford
9795479	4.120in/104.6mm x 3.750in/95.3mm	GM	C0E-A	4.000in/101.6mm x 2.870in/72.9mm	Ford
9799103	4.094in/104.0mm x 4.000in/101.6mm	GM	C0E-A	4.000in/101.6mm x 3.000in/76.2mm	Ford
9799103	4.120in/104.6mm x 4.000in/101.6mm	GM	C20E-A	3.500in/88.9mm x 2.880in/73.0mm	Ford
9799103	4.151in/105.4mm x 4.210in/107.0mm	GM	C20E-A	3.680in/93.5mm x 3.000in/76.2mm	Ford
97TM	2.795in/71.0mm x 3.290in/83.6mm	Ford	C20E-A	3.800in/96.5mm x 2.870in/72.9mm	Ford
97TM	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C20E-A	4.000in/101.6mm x 2.870in/72.9mm	Ford
97TM	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C20E-A	4.000in/101.6mm x 3.000in/76.2mm	Ford
97TM-	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C20Z	3.500in/88.9mm x 2.880in/73.0mm	Ford
981	3.504in/89.0mm x 3.307in/84.0mm	GM	C20Z	3.680in/93.5mm x 3.000in/76.2mm	Ford
981	3.622in/92.0mm x 3.307in/84.0mm	GM	C20Z	3.800in/96.5mm x 2.870in/72.9mm	Ford
A-6303	2.795in/71.0mm x 3.290in/83.6mm	Ford	C20Z	4.000in/101.6mm x 2.870in/72.9mm	Ford
A-6303	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C20Z	4.000in/101.6mm x 3.000in/76.2mm	Ford
A-6303	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C20Z-A	3.500in/88.9mm x 2.880in/73.0mm	Ford
A-6303	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C20Z-A	3.680in/93.5mm x 3.000in/76.2mm	Ford
A-6303-A	2.795in/71.0mm x 3.290in/83.6mm	Ford	C20Z-A	3.800in/96.5mm x 2.870in/72.9mm	Ford
A-6303-A	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C20Z-A	4.000in/101.6mm x 2.870in/72.9mm	Ford
A-6303-A	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C20Z-A	4.000in/101.6mm x 3.000in/76.2mm	Ford
A-6303-A	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C20Z	3.500in/88.9mm x 2.880in/73.0mm	Ford
A1D	2.795in/71.0mm x 3.290in/83.6mm	Ford	C20Z	3.680in/93.5mm x 3.000in/76.2mm	Ford
A1D	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C20Z	3.800in/96.5mm x 2.870in/72.9mm	Ford
A1D	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C20Z	4.000in/101.6mm x 2.870in/72.9mm	Ford
A1D	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C20Z	4.000in/101.6mm x 3.000in/76.2mm	Ford
A301	2.795in/71.0mm x 3.290in/83.6mm	Ford	C20Z-B	3.386in/86.0mm x 3.385in/86.0mm	GM
A301	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C20Z-B	3.500in/88.9mm x 2.880in/73.0mm	Ford
A301	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C20Z-B	3.680in/93.5mm x 3.000in/76.2mm	Ford
A301	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C20Z-B	3.800in/96.5mm x 2.870in/72.9mm	Ford
A6303	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C20Z-B	4.000in/101.6mm x 2.870in/72.9mm	Ford
AD	2.795in/71.0mm x 3.290in/83.6mm	Ford	C20Z-B	4.000in/101.6mm x 3.000in/76.2mm	Ford
AD	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C30E-B	3.500in/88.9mm x 2.880in/73.0mm	Ford
AD	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C30E-B	3.680in/93.5mm x 3.000in/76.2mm	Ford
AD	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C30E-B	3.800in/96.5mm x 2.870in/72.9mm	Ford
AY	2.795in/71.0mm x 3.290in/83.6mm	Ford	C30E-B	4.000in/101.6mm x 2.870in/72.9mm	Ford
AY	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C30E-B	4.000in/101.6mm x 3.000in/76.2mm	Ford
AY	3.780in/96.0mm x 3.189in/81.0mm	Chrysler	C30Z	3.500in/88.9mm x 2.880in/73.0mm	Ford
AY	3.953in/100.4mm x 3.318in/84.3mm	Mazda	C30Z	3.680in/93.5mm x 3.000in/76.2mm	Ford
B301	2.795in/71.0mm x 3.290in/83.6mm	Ford	C30Z	3.800in/96.5mm x 2.870in/72.9mm	Ford
B301	3.587in/91.1mm x 2.992in/76.0mm	Chrysler	C30Z	4.000in/101.6mm x 2.870in/72.9mm	Ford



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
C30Z	4.000in/101.6mm x 3.000in/76.2mm	Ford	D7AE-A	4.000in/101.6mm x 4.000in/101.6mm	Ford
C3AE-F	3.500in/88.9mm x 2.880in/73.0mm	Ford	D9TE-AA	4.050in/102.9mm x 3.590in/91.2mm	Ford
C3AE-F	3.680in/93.5mm x 3.000in/76.2mm	Ford	D9TE-AA	4.360in/110.7mm x 3.590in/91.2mm	Ford
C3AE-F	3.800in/96.5mm x 2.870in/72.9mm	Ford	D9TE-AA	4.360in/110.7mm x 3.850in/97.8mm	Ford
C3AE-F	4.000in/101.6mm x 2.870in/72.9mm	Ford	D9TE-B	4.050in/102.9mm x 3.590in/91.2mm	Ford
C3AE-F	4.000in/101.6mm x 3.000in/76.2mm	Ford	D9TE-B	4.360in/110.7mm x 3.590in/91.2mm	Ford
C3AF-N	3.386in/86.0mm x 3.385in/86.0mm	GM	D9TE-B	4.360in/110.7mm x 3.850in/97.8mm	Ford
C3AF-N	3.500in/88.9mm x 2.880in/73.0mm	Ford	D9TE-BA	4.050in/102.9mm x 3.590in/91.2mm	Ford
C3AF-N	3.680in/93.5mm x 3.000in/76.2mm	Ford	D9TE-BA	4.360in/110.7mm x 3.590in/91.2mm	Ford
C3AF-N	3.800in/96.5mm x 2.870in/72.9mm	Ford	D9TE-BA	4.360in/110.7mm x 3.850in/97.8mm	Ford
C3AF-N	4.000in/101.6mm x 2.870in/72.9mm	Ford	D9TE-EA	4.050in/102.9mm x 3.590in/91.2mm	Ford
C3AF-N	4.000in/101.6mm x 3.000in/76.2mm	Ford	D9TE-EA	4.360in/110.7mm x 3.590in/91.2mm	Ford
C3OE-B	3.386in/86.0mm x 3.385in/86.0mm	GM	D9TE-EA	4.360in/110.7mm x 3.850in/97.8mm	Ford
C3OZ	3.386in/86.0mm x 3.385in/86.0mm	GM	DOAE-A	4.000in/101.6mm x 3.500in/88.8mm	Ford
C3OZ	3.500in/88.9mm x 2.880in/73.0mm	Ford	DOHC	3.071in/78.0mm x 3.307in/84.0mm	Mazda
C3OZ	3.680in/93.5mm x 3.000in/76.2mm	Ford	E1AE	3.500in/88.9mm x 2.880in/73.0mm	Ford
C3OZ	3.800in/96.5mm x 2.870in/72.9mm	Ford	E1AE	3.680in/93.5mm x 3.000in/76.2mm	Ford
C3OZ	4.000in/101.6mm x 2.870in/72.9mm	Ford	E1AE	3.800in/96.5mm x 2.870in/72.9mm	Ford
C3OZ	4.000in/101.6mm x 3.000in/76.2mm	Ford	E1AE	4.000in/101.6mm x 2.870in/72.9mm	Ford
C3OZ-B	3.386in/86.0mm x 3.385in/86.0mm	GM	E1AE	4.000in/101.6mm x 3.000in/76.2mm	Ford
C3OZ-B	3.500in/88.9mm x 2.880in/73.0mm	Ford	E1AE-AA	3.500in/88.9mm x 2.880in/73.0mm	Ford
C3OZ-B	3.680in/93.5mm x 3.000in/76.2mm	Ford	E1AE-AA	3.680in/93.5mm x 3.000in/76.2mm	Ford
C3OZ-B	3.800in/96.5mm x 2.870in/72.9mm	Ford	E1AE-AA	3.800in/96.5mm x 2.870in/72.9mm	Ford
C3OZ-B	4.000in/101.6mm x 2.870in/72.9mm	Ford	E1AE-AA	4.000in/101.6mm x 2.870in/72.9mm	Ford
C3OZ-B	4.000in/101.6mm x 3.000in/76.2mm	Ford	E1AE-AA	4.000in/101.6mm x 3.000in/76.2mm	Ford
C80E-B	3.500in/88.9mm x 2.880in/73.0mm	Ford	E2AE	3.811in/96.8mm x 3.386in/86.0mm	Ford
C80E-B	3.680in/93.5mm x 3.000in/76.2mm	Ford	E2AE-AF	3.811in/96.8mm x 3.386in/86.0mm	Ford
C80E-B	3.800in/96.5mm x 2.870in/72.9mm	Ford	E2AE-DB	3.811in/96.8mm x 3.386in/86.0mm	Ford
C80E-B	4.000in/101.6mm x 2.870in/72.9mm	Ford	E2ZE-BA	3.780in/96.0mm x 3.125in/79.4mm	Mazda
C80E-B	4.000in/101.6mm x 3.000in/76.2mm	Ford	E3AA-AA	3.811in/96.8mm x 3.386in/86.0mm	Ford
C8SE-A	4.050in/102.9mm x 3.590in/91.2mm	Ford	E3AE	3.811in/96.8mm x 3.386in/86.0mm	Ford
C8SE-A	4.360in/110.7mm x 3.590in/91.2mm	Ford	E3AE-AA	3.811in/96.8mm x 3.386in/86.0mm	Ford
C8SE-A	4.360in/110.7mm x 3.850in/97.8mm	Ford	E4AE-BA	4.000in/101.6mm x 3.500in/88.8mm	Ford
C8VE	4.050in/102.9mm x 3.590in/91.2mm	Ford	E5EE-AA	3.226in/81.9mm x 3.460in/88.0mm	Ford
C8VE	4.360in/110.7mm x 3.590in/91.2mm	Ford	E63E-AA	3.680in/93.5mm x 3.578in/90.8mm	Ford
C8VE	4.360in/110.7mm x 3.850in/97.8mm	Ford	E63E-AB	3.680in/93.5mm x 3.578in/90.8mm	Ford
C8VE-A	4.050in/102.9mm x 3.590in/91.2mm	Ford	E6AE-A	3.504in/89.0mm x 3.150in/80.0mm	Mazda
C8VE-A	4.360in/110.7mm x 3.590in/91.2mm	Ford	E6AE-AH	3.504in/89.0mm x 3.150in/80.0mm	Mazda
C8VE-A	4.360in/110.7mm x 3.850in/97.8mm	Ford	E6AE-B	3.504in/89.0mm x 3.150in/80.0mm	Mazda
C9AE-A	4.050in/102.9mm x 3.590in/91.2mm	Ford	E6AE-C	3.504in/89.0mm x 3.150in/80.0mm	Mazda
C9AE-A	4.360in/110.7mm x 3.590in/91.2mm	Ford	E6AE-W	3.504in/89.0mm x 3.150in/80.0mm	Mazda
C9AE-A	4.360in/110.7mm x 3.850in/97.8mm	Ford	E7AE	3.500in/88.9mm x 2.880in/73.0mm	Ford
C9AE-B	4.050in/102.9mm x 3.590in/91.2mm	Ford	E7AE	3.680in/93.5mm x 3.000in/76.2mm	Ford
C9AE-B	4.360in/110.7mm x 3.590in/91.2mm	Ford	E7AE	3.800in/96.5mm x 2.870in/72.9mm	Ford
C9AE-B	4.360in/110.7mm x 3.850in/97.8mm	Ford	E7AE	4.000in/101.6mm x 2.870in/72.9mm	Ford
C9OE-A	4.000in/101.6mm x 3.500in/88.8mm	Ford	E7AE	4.000in/101.6mm x 3.000in/76.2mm	Ford
C9ZE-A	3.500in/88.9mm x 2.880in/73.0mm	Ford	E7AE-AA	3.500in/88.9mm x 2.880in/73.0mm	Ford
C9ZE-A	3.680in/93.5mm x 3.000in/76.2mm	Ford	E7AE-AA	3.680in/93.5mm x 3.000in/76.2mm	Ford
C9ZE-A	3.800in/96.5mm x 2.870in/72.9mm	Ford	E7AE-AA	3.800in/96.5mm x 2.870in/72.9mm	Ford
C9ZE-A	4.000in/101.6mm x 2.870in/72.9mm	Ford	E7AE-AA	4.000in/101.6mm x 2.870in/72.9mm	Ford
C9ZE-A	4.000in/101.6mm x 3.000in/76.2mm	Ford	E7AE-AA	4.000in/101.6mm x 3.000in/76.2mm	Ford
D	3.780in/96.0mm x 3.125in/79.4mm	Mazda	E88E-AB	3.780in/96.0mm x 3.125in/79.4mm	Mazda
D7AE	4.000in/101.6mm x 3.500in/88.8mm	Ford	E88EAB	3.780in/96.0mm x 3.125in/79.4mm	Mazda
D7AE	4.000in/101.6mm x 4.000in/101.6mm	Ford	E89E-AB	3.780in/96.0mm x 3.125in/79.4mm	Mazda
D7AE-A	4.000in/101.6mm x 3.500in/88.8mm	Ford	E89EAB	3.780in/96.0mm x 3.125in/79.4mm	Mazda



FORGING NO.	BORE & STROKE	MFG	FORGING NO.	BORE & STROKE	MFG
E8EEAB	3.780in/96.0mm x 3.125in/79.4mm	Mazda	O-191561	4.313in/109.5mm x 3.500in/109.6mm	GM
E9DE-BA	3.811in/96.8mm x 3.386in/86.0mm	Ford	OK	2.953in/75.0mm x 3.543in/90.0mm	GM
E9DE-BB	3.811in/96.8mm x 3.386in/86.0mm	Ford	PROBE	3.386in/86.0mm x 3.701in/94.0mm	Ford
E9SE-CB	3.811in/96.8mm x 3.386in/86.0mm	Ford	R9028036	3.386in/86.0mm x 3.385in/86.0mm	GM
F0SE-AA	3.811in/96.8mm x 3.386in/86.0mm	Ford	R90280395	3.386in/86.0mm x 3.385in/86.0mm	GM
F1AE-AD	3.551in/90.2mm x 3.542in/90.0mm	Ford	R90280399	3.386in/86.0mm x 3.385in/86.0mm	GM
F1AE-AD-5D	3.551in/90.2mm x 3.542in/90.0mm	Ford	RD51261	4.080in/103.6mm x 3.438in/87.3mm	Jeep
F1AE-AD-7D	3.551in/90.2mm x 3.542in/90.0mm	Ford	RD67703	3.750in/95.3mm x 3.906in/99.2mm	Jeep
F1AE-AD-8D	3.551in/90.2mm x 3.542in/90.0mm	Ford	RDJ1261	4.080in/103.6mm x 3.438in/87.3mm	Jeep
F1AE-AE	3.551in/90.2mm x 3.542in/90.0mm	Ford	RFE 6AE	3.504in/89.0mm x 3.150in/80.0mm	Mazda
F201	3.386in/86.0mm x 3.701in/94.0mm	Ford	RFF1AE6306-AD	3.551in/90.2mm x 3.542in/90.0mm	Ford
F4SE-BB	3.811in/96.8mm x 3.386in/86.0mm	Ford	S2	3.622in/92.0mm x 3.502in/89.0mm	Toyota
F5	3.425in/87.0mm x 3.268in/83.0mm	Nissan	SM	4.000in/101.6mm x 3.500in/88.8mm	Ford
F5	3.504in/89.0mm x 3.150in/80.0mm	Ford	SM	4.000in/101.6mm x 4.000in/101.6mm	Ford
F5	3.600in/91.4mm x 3.150in/80.0mm	Ford	T3A	3.587in/91.1mm x 2.992in/76.0mm	Mitsubishi
F5	3.602in/91.5mm x 3.268in/83.0mm	Nissan	VG30	3.425in/87.0mm x 3.268in/83.0mm	Nissan
F58E	3.504in/89.0mm x 3.150in/80.0mm	Mazda	VG30	3.602in/91.5mm x 3.268in/83.0mm	Nissan
F58E-AA	3.504in/89.0mm x 3.150in/80.0mm	Mazda	XBRO-1145	3.780in/96.0mm x 3.125in/79.4mm	Mazda
F58E-B	3.504in/89.0mm x 3.150in/80.0mm	Mazda	ZYA	4.050in/102.9mm x 3.590in/91.2mm	Ford
F5AE-AA	3.504in/89.0mm x 3.150in/80.0mm	Mazda	ZYA	4.360in/110.7mm x 3.590in/91.2mm	Ford
F5DE	3.504in/89.0mm x 3.150in/80.0mm	Mazda	ZYA	4.360in/110.7mm x 3.850in/97.8mm	Ford
F5TZ-6012-AA	3.953in/100.4mm x 3.318in/84.3mm	Ford			
FE-01	3.386in/86.0mm x 3.701in/94.0mm	Mazda			
FE-50	3.386in/86.0mm x 3.701in/94.0mm	Mazda			
FE201	3.386in/86.0mm x 3.701in/94.0mm	Mazda			
FS07	3.268in/83.0mm x 3.622in/92.0mm	Mazda			
G1	2.972in/75.5mm x 3.228in/82.0mm	Chrysler			
G37	3.173in/80.6mm x 3.386in/86.0mm	Mitsubishi			
G6	3.346in/85.0mm x 3.465in/88.0mm	Hyundai			
G93	3.189in/81.0mm x 3.504in/89.0mm	Chrysler			
GE	3.346in/85.0mm x 3.465in/88.0mm	Chrysler			
GE	3.406in/86.5mm x 3.937in/100.0mm	Chrysler			
GS-M	3.500in/88.9mm x 2.880in/73.0mm	Ford			
GS-M	3.680in/93.5mm x 3.000in/76.2mm	Ford			
GS-M	3.800in/96.5mm x 2.870in/72.9mm	Ford			
GS-M	4.000in/101.6mm x 2.870in/72.9mm	Ford			
GS-M	4.000in/101.6mm x 3.000in/76.2mm	Ford			
H	4.050in/102.9mm x 3.590in/91.2mm	Ford			
H	4.360in/110.7mm x 3.590in/91.2mm	Ford			
H	4.360in/110.7mm x 3.850in/97.8mm	Ford			
JE	3.543in/90.0mm x 3.031in/77.0mm	Mazda			
K-101	2.913in/74.0mm x 3.031in/77.0mm	GM			
K-N	2.953in/75.0mm x 3.543in/90.0mm	GM			
KL	3.160in/80.3mm x 2.921in/74.2mm	Mazda			
KN	2.953in/75.0mm x 3.543in/90.0mm	GM			
KN224	3.677in/93.4mm x 3.031in/77.0mm	Isuzu			
L1	3.622in/92.0mm x 3.502in/89.0mm	Toyota			
N	3.622in/92.0mm x 3.502in/89.0mm	Toyota			
N353039	4.125in/104.8mm x 3.766in/95.3mm	GM			
N353039	4.250in/108.0mm x 4.000in/101.6mm	GM			
N853039	4.125in/104.8mm x 3.766in/95.3mm	GM			
N853039	4.250in/108.0mm x 4.000in/101.6mm	GM			
N853638	4.125in/104.8mm x 3.766in/95.3mm	GM			
N853638	4.250in/108.0mm x 4.000in/101.6mm	GM			
O-191561	4.125in/104.8mm x 3.250in/82.6mm	GM			

