

Line No.	Part Title	Part No	Description
<b>9</b>	<b>4.0-U,H (3969CC) DOHC ENG - 1990-00 - V8 - 87.5 MM Bore</b> (1998-00 GS400) (1990-00 LS400) (1992-00 SC400) (1UZFE) (Continued)		
	Belt	<b>B-0190</b>	1990-1997 209 TEETH
<b>10</b>	<b>4.3-N (4293CC) DOHC ENG - 2001-07 - 8 Cyl. - 91 MM Bore</b> (2001-07 GS430, 2001-06 LS430) (2002-07 SC430) (3UZFE)		
	Mell Lube	<b>M-10012</b>	
	Belt	<b>B-0298</b>	2001-2004 211 TEETH
<b>11</b>	<b>4.5-J (4477CC) DOHC ENG - 1996-97 - 6 Cyl. - 100 MM Bore (LX450)</b> 4.5-J (4477CC) DOHC ENG		
	Mell Lube	<b>M-10012</b>	
<b>12</b>	<b>4.6 (4608CC) DOHC ENG - 2007-07 - 8 Cyl - 94.0 MM Bore</b> (LS460) (1URFSE)		
	Mell Lube	<b>M-10012</b>	
<b>13</b>	<b>4.7 (4663CC) DOHC ENG - 1998-07 - V8 - 94 MM Bore</b> (1998-07 LX470) (2003-07 GX470) (2UZFE)		
	Mell Lube	<b>M-10012</b>	
	Belt	<b>B-0298</b>	1998-2004 211 TEETH

## MAZDA

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
			<b>V6</b>			<b>6 Cyl. (Continued)</b>		
1146CC (12A)	1970-85	1	1845CC (DOHC)	1992-95	16	2497CC (DOHC)	1993-02	32
<b>4 Cyl.</b>			<b>4 Cyl.</b>			<b>4 Cyl.</b>		
1169CC (OHV)	1970-72	2	1970CC (OHC)	1979-84	17	2555CC (OHC)	1987-88	33
1272CC (SOHC)	1976-78	3	1991CC (DOHC)	2001-04	18	2606CC (OHC)	1989-94	34
<b>2 Cyl.</b>			1991CC (DOHC)	1994-02	19	<b>6 Cyl.</b>		
1308CC ENG	2004-07	4	1998CC (OHC)	1983-87	20	2954CC (DOHC)	2001-06	35
			1998CC DIESEL	1983-85	21	<b>V6</b>		
1308CC (13B)	1974-95	5	2000CC (DOHC)	2001-03	22	2954CC (DOHC)	1990-95	36
<b>4 Cyl.</b>			2000CC (DOHC)	2004-07	23	<b>6 Cyl.</b>		
1415CC (OHC)	1978-80	6	2184CC (OHC)	1987-93	24	2954CC (OHV)	1998-07	37
1489CC (DOHC)	1995-98	7	2209CC (OHV)	1982-84	25	<b>V6</b>		
1490CC (OHC)	1979-85	8	2260CC (DOHC)	2003-07	26	2954CC (SOHC)	1988-98	38
1586CC (OHC)	1971-76	9	<b>6 Cyl.</b>			<b>6 Cyl.</b>		
1589CC (DOHC)	1999-01	10	2254CC (DOHC)	1995-02	27	2968CC (DOHC)	2003-07	39
1597CC (DOHC)	1988-95	11	<b>4 Cyl.</b>			3496CC (DOHC)	2007	40
1597CC (SOHC)	1986-94	12	2295CC (OHC)	1994-97	28	<b>V6</b>		
1796CC (OHC)	1977-78	13	2300CC (DOHC)	2002-07	29	4016CC (OHV)	1991-00	41
1839CC (DOHC)	1990-05	14	2492CC (SOHC)	1998-01	30	<b>6 Cyl.</b>		
1839CC (SOHC)	1990-94	15	<b>6 Cyl.</b>			4016CC (SOHC)	2001-07	42
			2497CC (DOHC)	2000-02	31			

  

Line No.	Part Title	Part No	Description
<b>1</b>	<b>1146CC (12A) ENG - 1970-85 (ROTARY ENG. MODEL RX7)</b>		
	Mell Lube	<b>M-10012</b>	
	Chain	<b>8MMSR54</b>	54 LINKS OIL PUMP
<b>2</b>	<b>1169CC (OHV) ENG - 1970-72 - 4 Cyl. - 70 MM Bore (1200)</b>		
	Mell Lube	<b>M-10012</b>	
	Valve Springs	<b>VS-1058</b> <b>VS-1059</b>	INNER OUTER
	Chain	<b>3SR94</b> <b>172</b>	94 LINKS CAMSHAFT 46 LINKS OIL PUMP
<b>3</b>	<b>1272CC (SOHC) ENG - 1976-78 - 4 Cyl. - 73 MM Bore (GLC,MIZER)</b>		
	Oil Pump Sprocket	<b>S561</b>	29 TEETH
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V5066</b>	HEAD DIA. 1.417
	<i>Continued on Next Page</i>		

**MAZDA (Continued)**

Line No.	Part Title	Part No	Description
<b>3</b>	<b>1272CC (SOHC) ENG - 1976-78 - 4 Cyl. - 73 MM Bore (GLC,MIZER) (Continued)</b>		
	Exhaust Valve	V5099	HEAD DIA. 1.220
	Valve Springs	VS-1058 VS-1059	INNER OUTER
	Valve Locks	VL-669 VL-668	EXH. INT.
	Chain	3SR44	44 LINKS OIL PUMP
	Tensioner	BT47	
	Damper	BD82	LEFT
	Guide	BG86	RIGHT
<b>4</b>	<b>1308CC ENG - 2004-07 - 2 Cyl. (RX-8)</b>		
	Mell Lube	M-10012	
<b>5</b>	<b>1308CC (13B) ENG - 1974-95 (ROTARY ENG. MODEL RX7)</b>		
	Mell Lube	M-10012	
	Chain	8MMSR58	1984-1995 58 LINKS OIL PUMP
<b>6</b>	<b>1415CC (OHC) ENG - 1978-80 - 4 Cyl. - 78 MM Bore (GLC)</b>		
	Oil Pump Sprocket	S561	29 TEETH
	Mell Lube	M-10012	
	Intake Valve	V5066	HEAD DIA. 1.417
	Exhaust Valve	V5099	HEAD DIA. 1.220
	Valve Springs	VS-1058 VS-1059	INNER OUTER
	Chain	3DR90 3SR44	90 LINKS CAMSHAFT 44 LINKS OIL PUMP
	Cam Sprocket	S540	36 TEETH
	Tensioner	BT47	
	Damper	BD82	LEFT
	Guide	BG84	RIGHT
<b>7</b>	<b>1489CC (DOHC) ENG - 1995-98 - 4 Cyl. - 75 MM Bore (PROTEGE')</b>		
	Oil Pump	M191	
	Mell Lube	M-10012	
	Belt	B-0266	1995-1997 125 TEETH
	Tensioner	BT213	BELT
	Idler	BT214	1995-1997 LOWER
<b>8</b>	<b>1490CC (OHC) ENG - 1979-85 - 4 Cyl. - 78 MM Bore (GLC SEDAN,HATCHBACK &amp; WAGON)</b>		
	Oil Pump Sprocket	S561	29 TEETH WAGON
	Mell Lube	M-10012	
	Intake Valve	V5066	HEAD DIA. 1.417
	Exhaust Valve	V5099	HEAD DIA. 1.220
	Chain	3DR90 8MMSR52 3SR44	90 LINKS CAMSHAFT 52 LINKS OIL PUMP- HATCHBACK & SEDAN 44 LINKS OIL PUMP- WAGON
	Cam Sprocket	S540	36 TEETH WAGON
	Crank Sprocket	S543	18 TEETH INNER
	Tensioner	BT47	WAGON
	Damper	BD81 BD82	HATCHBACK & SEDAN LEFT WAGON LEFT
	Guide	BG80 BG84	HATCHBACK & SEDAN RIGHT WAGON RIGHT
<b>9</b>	<b>1586CC (OHC) ENG - 1971-76 - 4 Cyl. - 78 MM Bore (808 &amp; B1600)</b>		
	Oil Pump	M163	INCLUDES SCREEN
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>9</b>	<b>1586CC (OHC) ENG - 1971-76 - 4 Cyl. - 78 MM Bore (808 &amp; B1600) (Continued)</b>		
	Camshaft	<b>FCC-2</b>	FROM 1970-76 THE SPACER PROVIDED W/THIS CAM MUST BE USED-1977 DO NOT USE SPACER PROVIDED W/THIS CAM MECH.
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V5061</b>	HEAD DIA. 1.654
	Exhaust Valve	<b>V5060</b>	HEAD DIA. 1.300
	Valve Springs	<b>VS-1058</b> <b>VS-1059</b>	INNER OUTER
	Valve Locks	<b>VL-669</b> <b>VL-668</b>	1974-1976 EXH. 1974-1976 INT.
	Chain	<b>172</b> <b>3DR100</b>	46 LINKS OIL PUMP 1974-1976 100 LINKS CAMSHAFT
	Crank Sprocket	<b>S451</b> <b>S451</b> <b>S449</b>	19 TEETH OUTER 1971-1973 19 TEETH INNER 1974-1976 19 TEETH INNER
	Tensioner	<b>BT17</b> <b>BT46</b>	1971-1973 1974-1976
	Damper	<b>BD83</b>	LEFT
	Guide	<b>BG85</b> <b>BG88</b> <b>BG87</b>	1971 TO 5/73 RIGHT FROM 6/73 TO 4/74 RIGHT FROM 5/74 TO 1976 RIGHT
	Timing Kit	<b>3SR100-1</b>	1971-1973 KIT INCLUDES [3SR100], [172], (2) [S451], [S452], [S576], [BT17], [BD83] & [BG85]
<b>10</b>	<b>1589CC (DOHC) ENG - 1999-01 - 4 Cyl. - (PROTEGE')</b>		
	Mell Lube	<b>M-10012</b>	
	Belt	<b>B-0308</b>	123 TEETH
	Tensioner	<b>BT213</b>	
	Idler	<b>BT214</b>	
<b>11</b>	<b>1597CC (DOHC) ENG - 1988-95 - 4 Cyl. - 78 MM Bore (1988-89 323 TURBO) (1990-93 MX-5 MIATA) (1994-95 MX-3)</b>		
	Oil Pump	<b>M191</b>	1994-1995 MX-3
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-6053</b>	HYD.
	Intake Valve	<b>V5157</b>	HEAD DIA. 1.220
	Exhaust Valve	<b>V5159</b>	HEAD DIA. 1.031
	Belt	<b>B-0179</b>	1990-1995 145 TEETH
	Tensioner	<b>BT213</b>	
	Idler	<b>BT214</b>	
<b>12</b>	<b>1597CC (SOHC) ENG - 1986-94 - 4 Cyl. - 78 MM Bore (1986-94 323) (1992-93 MX-3)</b>		
	Oil Pump	<b>M141</b> <b>M268</b>	1986 TO 9/10/90 1992-1994
	Camshaft	<b>MC840</b> <b>MC841</b> <b>MC841</b>	1986-1987 MECH. 1988-1992 EXC. MX-3 HYD. 1993-1994 EXC. MX-3 & 323 CALIF.
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2254</b>	1988-1994 HYD.
	Intake Valve	<b>V5154</b>	HEAD DIA. 1.495 EXC. MX-3 & 1993-94 323 CALIF.
	Exhaust Valve	<b>V5155</b>	HEAD DIA. 1.260 EXC. MX-3 & 1993-94 323 CALIF.
	Belt	<b>B-0123</b> <b>B-0141</b> <b>B-0185</b>	FROM 1/1/86 TO 9/1/86 107 TEETH FROM 9/1/86 TO 2/7/89 107 TEETH FROM 2/7/89 TO 1994 107 TEETH
	Tensioner	<b>BT164</b>	

**MAZDA (Continued)**

Line No.	Part Title	Part No	Description
<b>13</b>	<b>1796CC (OHC) ENG - 1977-78 - 4 Cyl. - 78 MM Bore (B1800 1977-78)</b>		
	Oil Pump	<b>M163</b>	INCLUDES SCREEN
	Camshaft	<b>FCC-2</b>	DO NOT USE THE SPACER PROVIDED W/THIS CAM MECH.
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V5061</b>	HEAD DIA. 1.654
	Exhaust Valve	<b>V5060</b>	HEAD DIA. 1.300
	Valve Springs	<b>VS-1058</b> <b>VS-1059</b>	INNER OUTER
	Valve Locks	<b>VL-669</b> <b>VL-668</b>	EXH. INT.
	Chain	<b>3DR106</b> <b>172</b>	106 LINKS CAMSHAFT 46 LINKS OIL PUMP
	Cam Sprocket	<b>S456</b>	38 TEETH
	Crank Sprocket	<b>S449</b> <b>S451</b>	19 TEETH INNER 19 TEETH OUTER
	Tensioner	<b>BT46</b>	
	Damper	<b>BD74</b> <b>BD40</b>	LEFT RIGHT
<b>14</b>	<b>1839CC (DOHC) ENG - 1990-05 - 4 Cyl. - 83 MM Bore (1990-00 PROTEGE') (1994-05 MIATA, MX5)</b> (NOTE: MIATA NOT MADE IN 1998)		
	Oil Pump	<b>M191</b> <b>M191</b>	1994-1997 MIATA 1994-1998 PROTEGE (W/B6S8 CAST #)
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-6053</b> <b>JB-6053</b>	1990-1996 HYD. PROTEGE 1990-1997 HYD. MIATA
	Intake Valve	<b>V5234</b>	1990-1995 HEAD DIA. 1.298
	Exhaust Valve	<b>V5235</b> <b>V5235</b> <b>V5235</b>	1990-1995 HEAD DIA. 1.103 1996 HEAD DIA. 1.103 M.T. 1996-1997 HEAD DIA. 1.103 MIATA
	Belt	<b>B-0179</b>	145 TEETH EXCLUDES 1999-00 PROTEGE
	Tensioner	<b>BT213</b>	EXC. 1999-00 PROTEGE
	Idler	<b>BT214</b>	EXC. 1999-00 PROTEGE
<b>15</b>	<b>1839CC (SOHC) ENG - 1990-94 - 4 Cyl. - 83 MM Bore (PROTEGE')</b>		
	Oil Pump	<b>M141</b>	1990-1991 PROTEGE (W/BP01 CAST #)
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2254</b>	HYD.
	Belt	<b>B-0185</b>	107 TEETH
<b>16</b>	<b>1845CC (DOHC) ENG - 1992-95 - V6 - 74.9 MM Bore (MX-3)</b>		
	Oil Pump	<b>M197</b>	
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-6053</b>	HYD.
	Belt	<b>B-0214</b>	192 TEETH
	Tensioner	<b>BT324</b> <b>BT129</b>	ARM
	Idler	<b>BT128</b> <b>BT325</b>	LOWER UPPER
<b>17</b>	<b>1970CC (OHC) ENG - 1979-84 - 4 Cyl. - 80 MM Bore (1979-82 626) (1979-84 B2000)</b>		
	Oil Pump	<b>M163</b>	INCLUDES SCREEN
	Camshaft	<b>FCC-2</b>	MECH.
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V5061</b>	HEAD DIA. 1.654
	Exhaust Valve	<b>V5060</b>	HEAD DIA. 1.300 EXC. 1982 B2000
	Valve Springs	<b>VS-1058</b>	1979-1982 INNER
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>17</b>	<b>1970CC (OHC) ENG - 1979-84 - 4 Cyl. - 80 MM Bore</b> (1979-82 626) (1979-84 B2000) (Continued)		
	Valve Springs	<b>VS-1059</b> <b>VS-1058</b>	1979-1982 OUTER 1983-1984 INNER B2000
	Valve Locks	<b>VL-669</b> <b>VL-668</b>	EXH. INT.
	Chain	<b>3DR106</b> <b>172</b> <b>8MMSR54</b>	106 LINKS CAMSHAFT 1979-1980 46 LINKS OIL PUMP 1981-1984 54 LINKS OIL PUMP
	Cam Sprocket	<b>S456</b>	38 TEETH
	Crank Sprocket	<b>S449</b> <b>S451</b> <b>S453</b>	19 TEETH INNER 1979-1980 19 TEETH OUTER 1981-1984 19 TEETH OUTER
	Tensioner	<b>BT47</b>	
	Damper	<b>BD74</b> <b>BD40</b>	LEFT 1979 TO 1/80
	Guide	<b>BG77</b>	FROM 8/81 TO 1984 RIGHT
	Timing Kit	<b>3DR106-3</b>  <b>3DR106-2</b>	1979 TO 1/80 KIT INCLUDES [3DR106], [172], [S456], [S449], [S451], [BT47], [BD40] & [BD74] FROM 8/81 TO 1984 KIT INCLUDES [3DR106], [8MMSR54], [S449], [S456], [S537], [S453], [BT47], [BD74] & [BG77]
<b>18</b>	<b>1991CC (DOHC) ENG - 2001-04 - 4 Cyl. - 84.8MM Bore</b> (TRIBUTE) ZTEC		
	Mell Lube	<b>M-10012</b>	
<b>19</b>	<b>1991CC (DOHC) ENG - 1994-02 - 4 Cyl. - 83 MM Bore</b> (626, MX-6)		
	Oil Pump	<b>M192</b>	1994-1997 NO SENSOR MOUNT
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-6053</b>	1994-1997 HYD.
	Belt	<b>B-0228</b>	135 TEETH
<b>20</b>	<b>1998CC (OHC) ENG - 1983-87 - 4 Cyl. - 86 MM Bore</b> (1983-87 626) (1985-87 B2000)		
	Oil Pump	<b>M140</b>	
	Camshaft	<b>MC797</b>	1985-1987 626 MECH.
	Mell Lube	<b>M-10012</b>	
	Valve Locks	<b>VL-669</b> <b>VL-668</b>	EXH. INT.
	Belt	<b>B-088</b> <b>B-0113</b> <b>B-0113</b> <b>B-0117</b> <b>B-0117</b>	1983-1984 109 TEETH 626 1985 109 TEETH 626 1986 109 TEETH B2000 1986-1987 109 TEETH 626 1987 109 TEETH B2000
	Tensioner	<b>BT117</b>	
<b>21</b>	<b>1998CC DIESEL ENG - 1983-85 - 4 Cyl. - 86 MM Bore</b> (626)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V5160</b>	HEAD DIA. 1.614
	Exhaust Valve	<b>V5161</b>	HEAD DIA. 1.417
	Belt	<b>B-0103</b>	148 TEETH FRONT
<b>22</b>	<b>2000CC (DOHC) ENG - 2001-03 - 4 Cyl. - 84.8 MM Bore</b> PROTEGE 2001-03)		
	Mell Lube	<b>M-10012</b>	
	Belt	<b>B-0228</b>	135 TEETH
<b>23</b>	<b>2000CC (DOHC) ENG - 2004-07 - 4 Cyl. - 87.5 MM Bore</b> (MAZDA3 2004-07) (MIATA 2006-07)		
	Mell Lube	<b>M-10012</b>	
<b>24</b>	<b>2184CC (OHC) ENG - 1987-93 - 4 Cyl. - 86 MM Bore</b> (1988-92 626 & MX-6 W/TURBO & W/O TURBO 12 VALVE) (1987-93 B2200 8 VALVE)		
	Oil Pump	<b>M151</b>	
	Camshaft	<b>MC1245</b>	1988-1992 626 & MX-6 HYD.
	<i>Continued on Next Page</i>		

**MAZDA (Continued)**

Line No.	Part Title	Part No	Description
<b>24</b>	<b>2184CC (OHC) ENG - 1987-93 - 4 Cyl. - 86 MM Bore</b> (1988-92 626 & MX-6 W/TURBO & W/O TURBO 12 VALVE) (1987-93 B2200 8 VALVE) (Continued)		
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2254</b> <b>JB-2254</b>	1987-1993 HYD. B2200 1988-1992 HYD. 626 & MX-6
	Intake Valve	<b>V5162</b>	1988-1991 HEAD DIA. 1.280 626 & MX6 TURBO & NON-TURBO
	Exhaust Valve	<b>V5163</b> <b>V5164</b>	HEAD DIA. 1.339 MX6 & 626 EXC. TURBO HEAD DIA. 1.339 MX6 & 626 TURBO
	Belt	<b>B-0134</b>	110 TEETH
	Tensioner	<b>BT166</b>	
	Idler	<b>BT215</b>	
<b>25</b>	<b>2209CC (OHV) ENG - 1982-84 - 4 Cyl. - 88.9 MM Bore</b> (B2200 DIESEL)		
	Mell Lube	<b>M-10012</b>	
	Crank Gear	<b>2053</b>	1982 25 TEETH
	Idler Gear	<b>2055</b> <b>2057</b>	32 TEETH LEFT 32 TEETH RIGHT
<b>26</b>	<b>2260CC (DOHC) ENG - 2003-07 - 4 Cyl. - 87.4MM Bore</b> (MAZDA 3 2006-07) (MAZDA 5 2006-07) (MAZDA 6 2003-07) (MAZDA CX7 2007)		
	Mell Lube	<b>M-10012</b>	
<b>27</b>	<b>2254CC (DOHC) ENG - 1995-02 - V6 - 80.3 MM Bore</b> (MILLENNIA)		
	Mell Lube	<b>M-10012</b>	
<b>28</b>	<b>2295CC (OHC) ENG - 1994-97 - 4 Cyl. - 96 MM Bore</b> (B2300 PICK-UP)		
	Mell Lube	<b>M-10012</b>	
	Intake Valve	<b>V1304</b>	HEAD DIA. 1.739
	Exhaust Valve	<b>V1303</b>	HEAD DIA. 1.502
<b>29</b>	<b>2300CC (DOHC) ENG - 2002-07 - 4 Cyl. - 87.4 MM Bore</b> (B2300) FORD ENGINE		
	Mell Lube	<b>M-10012</b>	
	Chain	<b>705</b>	2002-2006 138 LINKS PRIMARY
	Tensioner	<b>BT452</b>	2002-2006 OIL PUMP CHAIN
	Guide	<b>BG449</b>	2002-2005 OIL PUMP CHAIN
<b>30</b>	<b>2492CC (SOHC) ENG - 1998-01 - 4 Cyl. - 3.779 Bore</b> (B2500 PICK-UP)		
	Oil Pump	<b>M212</b>	
	Camshaft	<b>MC835</b>	HYD ROLLER
	Mell Lube	<b>M-10012</b>	
	Belt	<b>B-0276</b>	131 TEETH
	Tensioner	<b>BT11</b>	
<b>31</b>	<b>2497CC (DOHC) ENG - 2000-02 - 6 Cyl. - 82.3MM Bore</b> (2002 MILLENNIA, 2000-01 MVP) DURATEC		
	Mell Lube	<b>M-10012</b>	
<b>32</b>	<b>2497CC (DOHC) ENG - 1993-02 - V6 - 84.5 MM Bore</b> (MX-6 1993-97)(626 1993-99)(MILLENNIA 1995-02)		
	Oil Pump	<b>M197</b>	
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-6053</b>	HYD. EXC. 1995 MILLENNIA INTAKE SIDE & 1998-99 626
	Belt	<b>B-0214</b>	192 TEETH
	Tensioner	<b>BT129</b> <b>BT324</b>	ARM 1993-1997
	Idler	<b>BT128</b> <b>BT325</b>	LOWER UPPER
<b>33</b>	<b>2555CC (OHC) ENG - 1987-88 - 4 Cyl. - 91.9 MM Bore</b> (B2600 W/MITSUBISHI ENG.)		
	Oil Pump	<b>M122</b>	
	Camshaft	<b>MC1281</b> <b>MC1286</b>	NOTE: THIS CAM HAS .020 O/S JOURNALS HYD. NOTE: THIS CAM HAS .040 O/S JOURNALS HYD.
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>33</b>	<b>2555CC (OHC) ENG - 1987-88 - 4 Cyl. - 91.9 MM Bore</b> (B2600 W/MITSUBISHI ENG.) (Continued)		
	Camshaft	<b>MC810</b>	NOTE: THIS CAM HAS STD. JOURNALS HYD.
	Camshaft Lifter Kit	<b>CL-MC810</b>	KIT INCLUDES 1-[MC810] CAM, 8-[JB-2250] LIFTERS & 4OZ MELL LUBE NOTE: THIS CAM HAS STD. JOURNALS
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2250</b>	HYD.
	Intake Valve	<b>V5145</b>	HEAD DIA. 1.811
	Exhaust Valve	<b>V5146</b>	HEAD DIA. 1.496
	Jet Valve	<b>V5417</b>	0.276
	Chain	<b>8MMSR90</b> <b>3DR102</b>	90 LINKS BAL. SHAFT 102 LINKS CAMSHAFT
	Crank Sprocket	<b>S455</b> <b>S407</b>	19 TEETH INNER 34 TEETH OUTER
	Balance Shaft Sprocket	<b>S567</b>	17 TEETH (2) REQ.
	Tensioner	<b>BT49</b>	
	Guide	<b>BD31</b> <b>BD30</b> <b>BG51</b> <b>BG48</b> <b>BG64</b>	LOOSE SIDE TENSION SIDE BAL. SHAFT LOWER LEFT BAL. SHAFT LOWER RIGHT BAL. SHAFT UPPER
	Timing Kit	<b>3DR102-2</b>  <b>8MMSR90-1</b>	KIT INCLUDES [3DR102], [S458], [S455], [BD31], [BD30] & [BT49] (CAM) KIT INCLUDES [8MMSR90], [S407], [S567] (2), [BG48], [BG64] & [BG51] (BALANCE SHAFT)
	Balance Shaft Elim. Kit	<b>BSEK122</b>	KIT INCLUDES CHAIN, OIL PUMP SHAFT PLUG, OIL GALLEY PLUG, OIL PUMP MOUNTING GASKET AND INSTRUCTION SHEET.
<b>34</b>	<b>2606CC (OHC) ENG - 1989-94 - 4 Cyl. - 92 MM Bore</b> (1989-93 B2600 PICK-UP) (1989-94 MPV)		
	Oil Pump	<b>M298</b>	
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2254</b>	HYD.
	Intake Valve	<b>V5243</b>	HEAD DIA. 1.311
	Exhaust Valve	<b>V5244</b>	HEAD DIA. 1.414
	Chain	<b>8MMSR84</b> <b>3SR102</b>	84 LINKS BAL. SHAFT 102 LINKS CAMSHAFT
	Tensioner	<b>BT168</b>	
	Guide	<b>BG173</b> <b>BG172</b> <b>BG171</b> <b>BG170</b> <b>BG169</b>	BAL. SHAFT GUIDE UPPER- EXC. B2600 BAL. SHAFT LOWER LEFT BAL. SHAFT LOWER RIGHT LOOSE SIDE TENSION SIDE
<b>35</b>	<b>2954CC (DOHC) ENG - 2001-06 - 6 Cyl. - 89.0,91.1MM Bore</b> (TRIBUTE) DURATEC		
	Oil Pump	<b>M211</b>	
	Screen Assy	<b>350S</b>	
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2271</b>	HYD.
	Valve Springs	<b>VS-2256</b>	
<b>36</b>	<b>2954CC (DOHC) ENG - 1990-95 - V6 - 90 MM Bore</b> (929 & 929S)		
	Mell Lube	<b>M-10012</b>	
	Belt	<b>B-0183</b>	1990-1994 239 TEETH
<b>37</b>	<b>2954CC (OHV) ENG - 1998-07 - V6 - 90 MM Bore</b> (B3000 PICK-UP) VULCAN		
	Oil Pump	<b>M256S</b>	1998-2005 INCLUDES SCREEN
	Camshaft	<b>MC1278</b>	1998-2003 HYD. ROLLER
	Mell Lube	<b>M-10012</b>	
	<i>Continued on Next Page</i>		

**MAZDA (Continued)**

Line No.	Part Title	Part No	Description
<b>37</b>	<b>2954CC (OHV) ENG - 1998-07 - V6 - 90 MM Bore (B3000 PICK-UP) VULCAN (Continued)</b>		
	Lifters	<b>JB-2205</b>	1998-1999 HYD. ROLLER
	Exhaust Valve	<b>V1535</b>	1998-2000 HEAD DIA. 1.371
	Valve Springs	<b>VS-2211</b>	1998-2000
	Chain	<b>374</b> <b>396</b>	1998 62 LINKS 1999-2004 62 LINKS
	Cam Sprocket	<b>S636</b> <b>S856</b>	1998 38 TEETH 1999-2004 38 TEETH
	Crank Sprocket	<b>S649</b> <b>S859</b>	1998 19 TEETH 1999-2004 19 TEETH
	3pc Set	<b>3-374S</b> <b>3-396S</b>	1998 INCLUDES [374], [S636] & [S649] 1999-2004 INCLUDES [396], [S859], [S856]
<b>38</b>	<b>2954CC (SOHC) ENG - 1988-98 - V6 - 90 MM Bore (1988-91 929) (1989-98 MPV)</b>		
	Oil Pump	<b>M193</b> <b>M193</b>	1989-1995 MPV 1990-1991 929
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2254</b>	HYD.
	Intake Valve	<b>V5245</b>	HEAD DIA. 1.297
	Exhaust Valve	<b>V5246</b>	1988-1995 HEAD DIA. 1.495
	Valve Locks	<b>VL-669</b>	EXH.
	Belt	<b>B-0146</b>	173 TEETH
	Idler	<b>BT216</b> <b>BT293</b>	LEFT HAND RIGHT HAND
<b>39</b>	<b>2968CC (DOHC) ENG - 2003-07 - 6 Cyl. - 89.0 MM Bore (MAZDA 6)</b>		
	Mell Lube	<b>M-10012</b>	
<b>40</b>	<b>3496CC (DOHC) ENG - 2007 - 6 Cyl. - 92.5 MM Bore (CX-9) FORD ENG DURATEC</b>		
	Mell Lube	<b>M-10012</b>	
<b>41</b>	<b>4016CC (OHV) ENG - 1991-00 - V6 - 100.3 MM Bore (1991-94 NAVAJO) (1994-00 B4000 PICK-UP)</b>		
	Oil Pump	<b>M128</b>	
	Intermediate Shaft	<b>IS141</b>	
	Camshaft	<b>MC1260</b> <b>MC1259</b> <b>MC1259</b> <b>MC1289</b> <b>MC1259</b> <b>MC1259</b> <b>MC1289</b>	1991-1992 W/AUTO TRANS. HYD. ROLLER 1991-1992 W/MANUAL TRANS. HYD. ROLLER 1993-1994 NAVAJO EXC. CALIF. HYD. ROLLER 1993-1994 NAVAJO W/CALIF. HYD. ROLLER 1994-1997 B4000 HYD. ROLLER 1998-2000 B4000 EXC. CALIF. HYD. ROLLER 1998-2000 B4000 W/CALIF. HYD. ROLLER
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-2244</b>	HYD. ROLLER
	Push Rods	<b>MPR-471</b>	
	Intake Valve	<b>V5387</b>	1991-1997 HEAD DIA. 1.710
	Exhaust Valve	<b>V5388</b>	1991-1997 HEAD DIA. 1.360
	Valve Springs	<b>VS-2223</b>	
	Valve Locks	<b>VL-680</b> <b>VL-570</b>	EXH. INT.
	Rocker Arms	<b>MR-927</b>	
	Rocker Arm Shaft	<b>MRS-676</b>	
	Chain	<b>3SRH64</b>	1991-1997 64 LINKS
	Cam Sprocket	<b>S650</b>	38 TEETH
	Crank Sprocket	<b>S651</b> <b>S821</b>	1991-1994 19 TEETH 1995-1997 19 TEETH
	Tensioner	<b>BT157</b> <b>BT345</b>	1991-1994 1995-1999
	Guide	<b>BG261</b>	
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
<b>41</b>	<b>4016CC (OHV) ENG - 1991-00 - V6 - 100.3 MM Bore (1991-94 NAVAJO) (1994-00 B4000 PICK-UP)</b> (Continued)		
	Timing Kit	<b>3-3SRH64S</b> <b>3-3SRH64AS</b>	1991-1994 KIT INCLUDES [3SRH64], [S650], [S651], [BT157] & [BG261] 1995-1997 KIT INCLUDES [3SRH64], [S650], [S821], [BT345], [BG261]
	3pc Set	<b>3-3SRH64</b> <b>3-3SRH64A</b>	1991-1994 INCLUDES [3SRH64], [S650] & [S651] 1995-1997 INCLUDES [3SRH64], [S650] & [S821]
<b>42</b>	<b>4016CC (SOHC) ENG - 2001-07 - 6 Cyl. - 100.4MM Bore (B4000)</b>		
	Oil Pump	<b>M128</b>	2001-2006
	Screen Assy	<b>352S</b>	2001-2006
	Mell Lube	<b>M-10012</b>	
	Lifters	<b>JB-7500</b>	2001-2006
	Intake Valve	<b>V1913</b>	2001-2006 HEAD DIA. 1.811
	Exhaust Valve	<b>V1914</b>	2001-2006 HEAD DIA. 1.535
	Valve Springs	<b>VS-2239</b>	2001-2006
	Valve Spring Retainers	<b>VSR-700</b>	2001-2006
	Rocker Arms	<b>MR-943</b>	2001-2006
	Balance Shaft Sprocket	<b>S875</b>	2001-2006 21 TEETH
	Timing Kit	<b>3-398S</b>	2001-2006 SOLD AS KIT ONLY ENGINES W/ BALANCE SHAFT

MERCEDES BENZ

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
<b>4 Cyl.</b>			<b>6 Cyl. (Continued)</b>			<b>8 Cyl. (Continued)</b>		
1.8 (1796CC) DOHC	2003-05	1	2.8 (2799CC) DOHC	1993-97	13	4.2 (4196CC) SOHC	1986-91	27
2.0 (1988CC) SOHC	1967-68	2	2.8 (2799CC) SOHC	1998-00	14	4.3 (4266CC) SOHC	1998-05	28
<b>6 Cyl.</b>			3.0 (2962CC) SOHC	1986-93	15	4.5 (4520CC) SOHC	1972-80	29
2.2 (2195CC) SOHC	1951-68	3	3.0 (2962CC) DOHC	1990-93	16	5.0 (4973CC) SOHC	1984-85	30
<b>4 Cyl.</b>			3.0 (2996CC) SOHC	1954-59	17	5.0 (4973CC) SOHC	1999-05	31
2.2 (2197CC) SOHC	1968-73	4	3.0 (2996CC) DOHC	1995-99	18	5.0 4973CC) DOHC	1990-99	32
2.2 (2197CC) SOHC	1984-85	5	<b>5, 6 Cyl.</b>			5.5 (5439CC) SOHC	1999-05	33
2.2 (2199CC) DOHC	1994-96	6	3.0 (2998CC) SOHC	1983-87	19	<b>12 Cyl.</b>		
2.3 (2295CC) DOHC	1997-04	7	<b>5 Cyl.</b>			5.5 (5499CC) SOHC	2003-05	34
<b>6 Cyl.</b>			3.0 (3005CC) SOHC	1975-82	20	<b>8 Cyl.</b>		
2.3 (2306CC) SOHC	1966-69	8	<b>6 Cyl.</b>			5.6 (5547CC) SOHC	1986-91	35
<b>4 Cyl.</b>			3.2 (3199CC) SOHC	1998-05	21	<b>12 Cyl.</b>		
2.3 (2307CC) SOHC	1974-78	9	3.2 (3199CC) DOHC	1992-99	22	5.8 (5800CC) SOHC	2001-02	36
<b>5 Cyl.</b>			3.2 (3222CC) DOHC	2005	23	6.0 (5980CC) SOHC	2005-06	37
2.5 (2497CC) SOHC	1986-93	10	3.7 (3699CC) SOHC	2003-05	24	6.0 (5987CC) DOHC	1992-02	38
<b>6 Cyl.</b>			<b>8 Cyl.</b>			<b>8 Cyl.</b>		
2.6 (2597CC) SOHC	2001-05	11	3.8 (3839CC) SOHC	1981-85	25	6.3 (6329CC) ENG	1964-72	39
2.6 (2599CC) SOHC	1987-93	12	4.2 (4196CC) DOHC	1992-99	26	6.8 (6835CC) SOHC	1977-79	40

Line No.	Part Title	Part No	Description
<b>1</b>	<b>1.8 (1796CC) DOHC ENG - 2003-05 - 4 Cyl. - 82 MM Bore (KOMPRESSOR)</b>		
	Mell Lube	<b>M-10012</b>	
<b>2</b>	<b>2.0 (1988CC) SOHC ENG - 1967-68 - 4 Cyl. - 87 MM Bore (200)</b>		
	Mell Lube	<b>M-10012</b>	
	Chain	<b>3DR130</b> <b>3DR136</b>	130 LINKS 200 136 LINKS 200D/8
<b>3</b>	<b>2.2 (2195CC) SOHC ENG - 1951-68 - 6 Cyl. - 80 MM Bore (219,220,220A,220B,220S,220SB,220SE,220SEB)</b>		
	Mell Lube	<b>M-10012</b>	
	Chain	<b>3DR122</b>	122 LINKS 219, 220, 220A, 220S
	<i>Continued on Next Page</i>		