

TOYOTA

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
4 Cyl.			4 Cyl. (Continued)			6 Cyl.		
1077CC KC OHV	1967-69	1	1968CC 18RC OHC	1972-74	30	2563CC 4ME OHC	1979-80	55
1166CC 3KC OHV	1970-79	2	1974CC 2CTLC OHC	1986-87	31	4 Cyl.		
1290CC 4KC OHV	1981-82	3	1995CC 2SELC OHC	1983-86	32	2694CC 2TRFE DOHC	2005-07	56
1290CC 4KE OHV	1983-84	4	1998CC 1AZFE DOHC	2001-03	33	2694CC 3RZFE DOHC	1994-04	57
1452CC 1AC OHC	1980	5	1998CC 3SFE DOHC	1987-00	34	6 Cyl.		
1452CC 3A OHC	1980-86	6	1998CC 3SGELC DOHC	1986-89	35	2754CC 5ME OHC	1981-82	58
1452CC 3AC OHC	1980-88	7	1998CC 3SGTE DOHC	1988-95	36	2754CC 5MGE DOHC	1982-88	59
1456CC 3E OHC	1987-90	8	1998CC 3YEC OHV	1984-85	37	V6		
1456CC 3EE OHC	1991-94	9	2164CC 5SFE DOHC	1990-01	38	2954CC 3VZE OHC	1988-95	60
1497CC 1NZFXE DOHC	2001-07	10	2164CC 5SFNE DOHC	2000-01	39	2954CC 3VZFE DOHC	1992-93	61
1497CC 1NZFE DOHC	2000-07	11	2188CC L OHC	1981-83	40	6 Cyl.		
1497CC 5EFE DOHC	1992-98	12	2189CC 20R OHC	1975-80	41	2954CC 7MGE DOHC	1986-92	62
1587CC 4AC SOHC	1983-87	13	2237CC 4YEC OHV	1986-89	42	2995CC 1MZFE DOHC	1994-06	63
1587CC 4AF DOHC	1988-89	14	6 Cyl.			2997CC 2JZGE DOHC	1993-97	64
1587CC 4AFE DOHC	1988-97	15	2253CC 2M OHC	1972	43	3300CC 3MZFE DOHC	2004-07	65
1587CC 4AGE DOHC	1988-91	16	4 Cyl.			3378CC 5VZFE DOHC	1995-04	66
1587CC 4AGEC DOHC	1985-87	17	2362CC 2AZFXE DOHC	2007	44	3456CC 2GRFE DOHC	2005-07	67
1587CC 4AGELC DOHC	1985-89	18	2366CC 22R OHC	1981-90	45	3878CC F OHV	1960-74	68
1587CC 4AGZE	1988-89	19	2366CC 22RE OHC	1988-95	46	3956CC 3FE OHV	1988-92	69
1587CC 4ALC SOHC	1984-88	20	2366CC 22REC OHC	1983-89	47	4000CC 1GRFE DOHC	2003-07	70
1588CC 2TC OHV	1971-79	21	2366CC 22RTEC OHC	1985-88	48	4227CC 2F OHV	1975-87	71
1762CC 2ZZGE DOHC	2000-06	22	2398CC 2AZFE DOHC	2001-07	49	4227CC B,3B OHV	1978-86	72
1794CC 1ZZFE DOHC	1998-07	23	2438CC 2RZFE DOHC	1995-04	50	4230CC 2H OHV	1985-87	73
1762CC 7AFE DOHC	1993-97	24	2438CC 2TZFE,2TZFZE	1991-97	51	4477CC 1FZFE DOHC	1993-97	74
1770CC 3TC OHV	1980-82	25	DOHC			8 Cyl.		
1839CC 1CLC OHC	1984-85	26	2446CC 2L,2LT OHC	1984-87	52	4663CC 2UZFE DOHC	1999-07	75
1839CC 1CTLC OHC	1984-85	27	V6					
1898CC 3RC OHV	1964-70	28	2508CC 2VZFE DOHC	1988-91	53			
1898CC 8RC OHC	1969-71	29	2563CC 4M OHC	1971-80	54			

Line No.	Part Title	Part No	Description
1	1077CC KC OHV ENG - 1967-69 - 4 Cyl. - 75 MM Bore (COROLLA 1100)		
	Mell Lube	M-10012	
	Damper	BD22	
2	1166CC 3KC OHV ENG - 1970-79 - 4 Cyl. - 75 MM Bore (COROLLA)		
	Mell Lube	M-10012	
	Lifters	JB-2069	1970-1977 MECH.
	Damper	BD22	
3	1290CC 4KC OHV ENG - 1981-82 - 4 Cyl. - 75 MM Bore (STARLET-KP61)		
	Mell Lube	M-10012	
	Damper	BD22	1981 TO 8/81
		BD71	FROM 8/88 TO 1982
4	1290CC 4KE OHV ENG - 1983-84 - 4 Cyl. - 75 MM Bore (STARLET-KP61)		
	Mell Lube	M-10012	
	Damper	BD71	
5	1452CC 1AC OHC ENG - 1980 - 4 Cyl. - 77 MM Bore (TERCEL-AL1)		
	Oil Pump	M147	
	Camshaft	TSC-6	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5107	HEAD DIA. 1.417
	Exhaust Valve	V5106	HEAD DIA. 1.220
	Belt	B-070	88 TEETH
	Cam Sprocket	S560	36 TEETH
	Crank Sprocket	S551	18 TEETH
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
5	1452CC 1AC OHC ENG - 1980 - 4 Cyl. - 77 MM Bore (TERCEL-AL1) (Continued)		
	Tensioner	BT66	
	Timing Kit	B-070-1	KIT INCLUDES [B-070], [S560], [S551] & [BT66]
6	1452CC 3A OHC ENG - 1980-86 - 4 Cyl. - 77 MM Bore (TERCEL)		
	Oil Pump	M147	
	Camshaft	TSC-6	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5107	HEAD DIA. 1.417
	Exhaust Valve	V5106	HEAD DIA. 1.220
	Belt	B-070	88 TEETH
	Cam Sprocket	S560	36 TEETH
	Crank Sprocket	S551	18 TEETH
	Tensioner	BT66	
	Timing Kit	B-070-1	KIT INCLUDES [B-070], [S560], [S551] & [BT66]
7	1452CC 3AC OHC ENG - 1980-88 - 4 Cyl. - 77 MM Bore (TERCEL)		
	Oil Pump	M147	
	Camshaft	TSC-6 TSC-5	EXC. 4 SPEED MECH. W/4 SPEED MECH.
	Mell Lube	M-10012	
	Intake Valve	V5107	HEAD DIA. 1.417
	Exhaust Valve	V5106	HEAD DIA. 1.220
	Belt	B-070	88 TEETH
	Cam Sprocket	S560	36 TEETH
	Crank Sprocket	S551	18 TEETH
	Tensioner	BT66	
	Timing Kit	B-070-1	KIT INCLUDES [B-070], [S560], [S551] & [BT66]
8	1456CC 3E OHC ENG - 1987-90 - 4 Cyl. - 73 MM Bore (TERCEL)		
	Oil Pump	M160	
	Screen Assy	285S	
	Camshaft	MC1247	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5390 V5310	HEAD DIA. .941 VALVE #2 HEAD DIA. 1.181 VALVE #1
	Exhaust Valve	V5311	HEAD DIA. 1.220
	Belt	B-0136	127 TEETH
	Tensioner	BT207 BT206	LEFT RIGHT
9	1456CC 3EE OHC ENG - 1991-94 - 4 Cyl. - 73 MM Bore (TERCEL)		
	Oil Pump	M160	
	Screen Assy	285S	
	Camshaft	MC1247	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5390 V5310	HEAD DIA. .941 VALVE #2 HEAD DIA. 1.181 VALVE #1
	Exhaust Valve	V5311	HEAD DIA. 1.220
	Belt	B-0233	127 TEETH
	Tensioner	BT207 BT206	LEFT RIGHT
10	1497CC 1NZFXE DOHC ENG - 2001-07 - 4 Cyl. - 75 MM Bore (PRIUS) HYBRID		
	Mell Lube	M-10012	
11	1497CC 1NZFE DOHC ENG - 2000-07 - 4 Cyl. - 75 MM Bore (00-05 ECHO, 2007 YARIS)		
	Mell Lube	M-10012	

TOYOTA (Continued)

Line No.	Part Title	Part No	Description
12	1497CC 5EFE DOHC ENG - 1992-98 - 4 Cyl. - 74 MM Bore (1992-97 PASEO) (1995-98 TERCEL)		
	Oil Pump	M203 M203	1992-1994 PASEO 1995 PASEO W/O CALIF. EMISS.
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Belt	B-0208	128 TEETH
13	1587CC 4AC SOHC ENG - 1983-87 - 4 Cyl. - 81 MM Bore (COROLLA 3 DOOR LIFTBACK, SPORT COUPE DLX, SR5 RWD)		
	Oil Pump	M147 M254	1983 TO 11/85 FROM 11/85 TO 1987 DLX, SR5
	Screen Assy	287S	
	Camshaft	TSC-6	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5107	HEAD DIA. 1.417
	Exhaust Valve	V5106	HEAD DIA. 1.220
	Belt	B-070	88 TEETH
	Cam Sprocket	S560	36 TEETH
	Crank Sprocket	S551	18 TEETH
	Tensioner	BT66	
	Timing Kit	B-070-1	KIT INCLUDES [B-070], [S560], [S551] & [BT66]
14	1587CC 4AF DOHC ENG - 1988-89 - 4 Cyl. - 81 MM Bore (COROLLA COUPE DLX, SR5 FWD)		
	Oil Pump	M147	
	Screen Assy	287S	
	Camshaft	MC1267 MC1266	EXH. MECH. INT. MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Intake Valve	V5314	HEAD DIA. 1.183
	Exhaust Valve	V5315	HEAD DIA. .964
	Belt	B-036	94 TEETH
	Cam Sprocket	S560	36 TEETH
	Crank Sprocket	S551	18 TEETH
	Tensioner	BT66	
15	1587CC 4AFE DOHC ENG - 1988-97 - 4 Cyl. - 81 MM Bore (1988-92 COROLLA ALL TRAC 4WD WAGON DLX, SR5) (1990 COROLLA COUPE DLX, SR5) (1988-97 COROLLA SEDAN, 2WD WAGON STD, DLX, LE) (1990-93 CELICA ST)		
	Oil Pump	M147 M147 M200	1988-1992 1993 CELICA 1993-1995 COROLLA
	Screen Assy	287S	
	Camshaft	MC1267 MC1266 MC1294 MC1293 MC1294 MC1293	1988-1992 EXH. MECH. 1988-1992 INT. MECH. 1993 EXH.CELICA MECH. 1993 INT. CELICA MECH. 1993-1997 EXH. COROLLA, MECH. 1993-1997 INT. COROLLA, MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003 JB-6054	1988-1992 MECH. 1993-1997 MECH.
	Intake Valve	V5314	1988-1992 HEAD DIA. 1.183
	Exhaust Valve	V5315	1988-1992 HEAD DIA. .964
	Belt	B-036 B-0239	1988-1992 94 TEETH 1993 94 TEETH CELICA ONLY
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
15	1587CC 4AFE DOHC ENG - 1988-97 - 4 Cyl. - 81 MM Bore (1988-92 COROLLA ALL TRAC 4WD WAGON DLX, SR5) (1990 COROLLA COUPE DLX, SR5) (1988-97 COROLLA SEDAN, 2WD WAGON STD, DLX, LE) (1990-93 CELICA ST) (Continued)		
	Belt	B-0236	1993-1997 117 TEETH COROLLA
	Cam Sprocket	S560 S560	1988-1992 36 TEETH COROLLA 1990-1993 36 TEETH CELICA- EXH.
	Crank Sprocket	S551 S551	1988-1992 18 TEETH 1993 18 TEETH CELICA
	Tensioner	BT66 BT66	1988-1992 1993 CELICA
	Timing Kit	B-036-1	1988-1992 KIT INCLUDES [B-036], [S560], [S551] & [BT66]
16	1587CC 4AGE DOHC ENG - 1988-91 - 4 Cyl. - 81 MM Bore (COROLLA GTS COUPE FWD)		
	Oil Pump	M147	
	Screen Assy	287S	
	Camshaft	MC1277 MC1276	EXH. MECH. INT. MECH.
	Mell Lube	M-10012	
	Intake Valve	V5176	HEAD DIA. 1.201
	Exhaust Valve	V5177	HEAD DIA. 1.005
	Belt	B-0112 B-0176	1988 TO 3/88 113 TEETH FROM 4/88 TO 1990 113 TEETH
	Cam Sprocket	S622	36 TEETH (2) REQ.
	Crank Sprocket	S631	18 TEETH
	Tensioner	BT135	
17	1587CC 4AGEC DOHC ENG - 1985-87 - 4 Cyl. - 81 MM Bore (COROLLA GTS SPORT COUPE RWD)		
	Oil Pump	M147	
	Screen Assy	287S	
	Camshaft	MC1277 MC1276	EXH. MECH. INT. MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Intake Valve	V5176	HEAD DIA. 1.201
	Exhaust Valve	V5177	HEAD DIA. 1.005
	Belt	B-0112	113 TEETH
	Cam Sprocket	S622	36 TEETH (2) REQ.
	Crank Sprocket	S631	18 TEETH
	Tensioner	BT135	
18	1587CC 4AGELC DOHC ENG - 1985-89 - 4 Cyl. - 81 MM Bore (MR2) (1987-88 COROLLA FX16 & FX16 GTS)		
	Oil Pump	M147	
	Screen Assy	287S	COROLLA
	Camshaft	MC1277 MC1276	EXH. MECH. INT. MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Intake Valve	V5176	HEAD DIA. 1.201
	Exhaust Valve	V5177	HEAD DIA. 1.005
	Belt	B-0176 B-0112	FROM 4/88 TO 12/89 113 TEETH 1985 TO 3/88 113 TEETH
	Cam Sprocket	S622	36 TEETH (2) REQ.
	Crank Sprocket	S631	18 TEETH
	Tensioner	BT135	

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Line No.	Part Title	Part No	Description
19	1587CC 4AGZE DOHC ENG - 1988-89 - 4 Cyl. - 81 MM Bore (MR2 SUPERCHARGED)		
	Oil Pump	M147	
	Screen Assy	287S	
	Camshaft	MC1277 MC1276	EXH. MECH. INT. MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Intake Valve	V5176	HEAD DIA. 1.201
	Exhaust Valve	V5177	HEAD DIA. 1.005
	Belt	B-0112 B-0176	1988 TO 3/88 113 TEETH FROM 4/88 TO 1989 113 TEETH
	Cam Sprocket	S622	36 TEETH (2) REQ.
	Crank Sprocket	S631	18 TEETH
	Tensioner	BT135	
20	1587CC 4ALC SOHC ENG - 1984-88 - 4 Cyl. - 81 MM Bore (1987-88 COROLLA FX) (1984-87 COROLLA 4 DOOR SEDAN 5 DOOR LIFTBACK DLX FWD)		
	Oil Pump	M254 M147	1984-1986 1987-1988
	Screen Assy	287S	
	Camshaft	TSC-6	MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003	1985-1988 MECH.
	Intake Valve	V5107	HEAD DIA. 1.417
	Exhaust Valve	V5106	HEAD DIA. 1.220
	Belt	B-070	88 TEETH
	Cam Sprocket	S560	36 TEETH
	Crank Sprocket	S551	18 TEETH
	Tensioner	BT66	
	Timing Kit	B-070-1	KIT INCLUDES [B-070], [S560], [S551] & [BT66]
21	1588CC 2TC OHV ENG - 1971-79 - 4 Cyl. - 85 MM Bore (1971-79 COROLLA) (1972-73 CARINA TAIL)		
	Oil Pump	M-94C	from 8/74 TO 1979 INCLUDES SCREEN
	Mell Lube	M-10012	
	Lifters	JB-2070	1971-1973 MECH.
	Push Rods	MPR-350	INT.
	Intake Valve	V5017	1972-1979 HEAD DIA. 1.616
	Exhaust Valve	V5071	HEAD DIA. 1.417
	Chain	3DR60	60 LINKS
	Tensioner	BT01	
	Damper	BD23	
	Timing Kit	3DR60-1	KIT INCLUDES [3DR60], [S465], [S479], [BT01] & [BD23]
22	1762CC 2ZZGE DOHC ENG - 2000-06 - 4 Cyl. - 82 MM Bore (00-05 CELICA, 05-06 COROLLA, 03-06 MATRIX)		
	Mell Lube	M-10012	
23	1794CC 1ZZFE DOHC ENG - 1998-07 - 4 Cyl. - 79 MM Bore (00-05 CELICA, 98-07 COROLLA, 03-07 MATRIX, 00-05 MR2 SPYDER)		
	Oil Pump	M271	1998-1999
	Mell Lube	M-10012	
24	1762CC 7AFE DOHC ENG - 1993-97 - 4 Cyl. - 81 MM Bore (1993-97 COROLLA) (1994-97 CELICA)		
	Oil Pump	M185 M185 M217 M217	1993-1994 COROLLA 1994-1995 CELICA 1995-1997 COROLLA 1996-1997 CELICA
	Camshaft	MC1294	EXH. MECH.
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Line No.	Part Title	Part No	Description
24	1762CC 7AFE DOHC ENG - 1993-97 - 4 Cyl. - 81 MM Bore (1993-97 COROLLA) (1994-97 CELICA) (Continued)		
	Camshaft	MC1293	INT. MECH.
	Mell Lube	M-10012	
	Lifters	JB-6054	MECH.
	Belt	B-0235	121 TEETH
	Tensioner	BT342	1993 TO 4/97
25	1770CC 3TC OHV ENG - 1980-82 - 4 Cyl. - 85 MM Bore (COROLLA)		
	Oil Pump	M-94C	INCLUDES SCREEN
	Mell Lube	M-10012	
	Push Rods	MPR-350	INT.
	Intake Valve	V5017	HEAD DIA. 1.616
	Exhaust Valve	V5071	HEAD DIA. 1.417
	Chain	3DR60	60 LINKS
	Tensioner	BT01	
	Damper	BD23	
Timing Kit	3DR60-1	KIT INCLUDES [3DR60], [S465], [S479], [BT01] & [BD23]	
26	1839CC 1CLC OHC ENG - 1984-85 - 4 Cyl. - 83 MM Bore (COROLLA CE80 DIESEL)		
	Mell Lube	M-10012	
	Tensioner	BT124	LOWER
27	1839CC 1CTL OHC ENG - 1984-85 - 4 Cyl. - 83 MM Bore (CAMRY CV10 DIESEL)		
	Mell Lube	M-10012	
	Tensioner	BT124	LOWER
28	1898CC 3RC OHV ENG - 1964-70 - 4 Cyl. - 88 MM Bore (1965-67 STOUT) (1964-66 CROWN) (1968-70 CORONA) (1968-69 HILUX)		
	Mell Lube	M-10012	
	Cam Gear	2200	50 TEETH
	Gear Set	2201S	INCLUDES [2200] & [2201]
29	1898CC 8RC OHC ENG - 1969-71 - 4 Cyl. - 86 MM Bore (1971 CELICA) (1971-72 HILUX) (1969-71 CORONA)		
	Oil Pump	M-94	INCLUDES SCREEN TWO BOLT MOUNTING REPLACES THREE BOLT
	Mell Lube	M-10012	
	Chain	3DR62	62 LINKS (2) REQ.
	Intermediate Sprocket	S490	24 TEETH CAM DRIVE
	Timing Kit	3DR62-1	KIT INCLUDES (2) [3DR62], [S465], [S464], [S479], [S490], [BT04], [BT03] & [BD24]
30	1968CC 18RC OHC ENG - 1972-74 - 4 Cyl. - 88 MM Bore (1972-74 CELICA) (1972-74 CORONA) (1972-74 PICKUP) (1972 HILUX)		
	Oil Pump	M-94	INCLUDES SCREEN EXC. 1974 CORONA- TWO BOLT MOUNTING REPLACES THREE BOLT
	Mell Lube	M-10012	
	Exhaust Valve	V5024	HEAD DIA. 1.419
	Chain	3DR62	62 LINKS (2) REQ.
	Intermediate Sprocket	S490	24 TEETH CAM DRIVE
	Timing Kit	3DR62-1	KIT INCLUDES (2) [3DR62], [S465], [S464], [S479], [S490], [BT04], [BT03] & [BD24]
31	1974CC 2CTL OHC ENG - 1986-87 - 4 Cyl. - 86 MM Bore (CAMRY CV11 DIESEL)		
	Mell Lube	M-10012	
	Tensioner	BT124	LOWER

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Line No.	Part Title	Part No	Description
32	1995CC 2SELC OHC ENG - 1983-86 - 4 Cyl. - 84 MM Bore (1986 CELICA) (1983-86 CAMRY)		
	Oil Pump	M148	
	Mell Lube	M-10012	
	Lifters	JB-6004	HYD.
	Intake Valve	V5316	HEAD DIA. 1.575
	Exhaust Valve	V5317	HEAD DIA. 1.339
	Belt	B-087	139 TEETH
	Tensioner	BT111 BT104	LEFT #2 RIGHT #1
33	1998CC 1AZFE DOHC ENG - 2001-03 - 4 Cyl. - 86 MM Bore (RAV4)		
	Mell Lube	M-10012	
34	1998CC 3SFE DOHC ENG - 1987-00 - 4 Cyl. - 86 MM Bore (1987-89 CELICA) (1987-91 CAMRY) (1992-95 NOT USED) (1996-00 RAV 4)		
	Oil Pump	M148 M216	1987-1991 1996-2000 RAV4
	Screen Assy	286S 286S	1987-1991 1996 RAV4
	Camshaft	MC1273 MC1272	1987-1991 EXH.- NOTE: CAM TO CAM GEARS NOT SUPPLIED. ORIGINAL GEARS MUST BE RE-USED OR REPLACED MECH. 1987-1991 INT.- NOTE: CAM TO CAM GEARS NOT SUPPLIED. ORIGINAL GEARS MUST BE RE-USED OR REPLACED MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003 JB-6054	1987-1991 MECH. 1996-2000 MECH.
	Intake Valve	V5318	1987-1991 HEAD DIA. 1.260 EXC. 4WD
	Exhaust Valve	V5320	1987-1991 HEAD DIA. 1.062
	Belt	B-0199	163 TEETH
	Tensioner	BT111 BT301	LOWER #2 UPPER
35	1998CC 3SGELC DOHC ENG - 1986-89 - 4 Cyl. - 86 MM Bore (CELICA)		
	Oil Pump	M148	
	Screen Assy	286S	
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Belt	B-0125	178 TEETH
	Tensioner	BT111	LOWER #2
36	1998CC 3SGTE DOHC ENG - 1988-95 - 4 Cyl. - 86 MM Bore (1988-93 CELICA) (1991-95 MR2)		
	Oil Pump	M183	
	Screen Assy	286S	
	Mell Lube	M-10012	
	Lifters	JB-6003	1988-1989 MECH.
	Intake Valve	V5325	1990-1995 HEAD DIA. 1.320
	Exhaust Valve	V5327	HEAD DIA. 1.138
	Belt	B-0125	178 TEETH
	Tensioner	BT111	LOWER #2
37	1998CC 3YEC OHV ENG - 1984-85 - 4 Cyl. - 86 MM Bore (VAN)		
	Oil Pump	M159	INCLUDES SCREEN
	Mell Lube	M-10012	
	Lifters	JB-969	HYD.
	Intake Valve	V5322	HEAD DIA. 1.576
	Exhaust Valve	V5323	HEAD DIA. 1.416
	Chain	3DR60	60 LINKS
	Tensioner	BT01	
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Line No.	Part Title	Part No	Description
37	1998CC 3YEC OHV ENG - 1984-85 - 4 Cyl. - 86 MM Bore (VAN) (Continued)		
	Damper	BD23	
	Timing Kit	3DR60-1	KIT INCLUDES [3DR60], [S465], [S479], [BT01] & [BD23]
38	2164CC 5SFE DOHC ENG - 1990-01 - 4 Cyl. - 87 MM Bore (1990-98 CELICA) (1991-95 MR2) (1992-01 CAMRY) (1999-01 SOLARA)		
	Oil Pump	M148 M183 M216 M186 M186 M183	1990 TO 8/95 CELICA & MR2 ONLY 1992-2001 CAMRY (WITHOUT SENSOR) 1996-1998 CELICA 1998-2001 CAMRY (WITH SENSOR) 1998-2001 SOLARA (WITH SENSOR) 1999-2001 SOLARA (WITHOUT SENSOR)
	Screen Assy	286S 286S 288S 288S	1990 TO 6/96 CELICA 1991-1995 MR2 1992-1999 CAMRY 1999-2001 SOLARA
	Camshaft	MC1273 MC1272	1990-1991 EXH.- NOTE: CAM TO CAM GEARS NOT SUPPLIED. ORIGINAL GEARS MUST BE RE-USED OR REPLACED MECH. 1990-1991 INT.- NOTE: CAM TO CAM GEARS NOT SUPPLIED. ORIGINAL GEARS MUST BE RE-USED OR REPLACED MECH.
	Mell Lube	M-10012	
	Lifters	JB-6003 JB-6054	1990-1991 MECH. EXC. TURBO 1992-2001 MECH.
	Intake Valve	V5318 V5318	1990-1991 HEAD DIA. 1.260 CELICA 1990-1991 HEAD DIA. 1.260 MR2
	Exhaust Valve	V5320 V5320	1990 TO 2/91 HEAD DIA. 1.062 CELICA 1990 TO 8/91 HEAD DIA. 1.062 MR2
	Belt	B-0199 B-0199 B-0199	1990-1993 163 TEETH CELICA GTS WITHOUT TURBO 1991-2001 163 TEETH MR2, CAMRY, SOLARA 1994-1998 163 TEETH CELICA
	Tensioner	BT111 BT301	LOWER #2 UPPER
39	2164CC 5SFNE DOHC - 2000-01 - 4 Cyl. - 87.0 MM Bore (CAMRY) CNG		
	Oil Pump	M186	
	Screen Assy	288S	
	Mell Lube	M-10012	
	Lifters	JB-6054	MECH.
	Tensioner	BT301	
40	2188CC L OHC ENG - 1981-83 - 4 Cyl. - 90 MM Bore (PICKUP DIESEL)		
	Mell Lube	M-10012	
	Cam Sprocket	S594	1981 TO 5/82 42 TEETH
	Crank Sprocket	S8033	FROM 6/82 TO 1983 21 TEETH
41	2189CC 20R OHC ENG - 1975-80 - 4 Cyl. - 88 MM Bore (CORONA, CELICA & PICKUP)		
	Oil Pump	M157 M145	1975-1977 1978-1980
	Camshaft	TSC-1	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5048	HEAD DIA. 1.696
	Exhaust Valve	V5037	HEAD DIA. 1.417
	Chain	3DR98	98 LINKS
	Tensioner	BT16	
	Damper	BD25 BD26	LEFT #1 RIGHT #2
	Timing Kit	3DR98-1	KIT INCLUDES [3DR98], [S459], [S483], [BT16], [BD26] & [BD25]
	<i>Continued on Next Page</i>		

TOYOTA (Continued)

Line No.	Part Title	Part No	Description
41	2189CC 20R OHC ENG - 1975-80 - 4 Cyl. - 88 MM Bore (CORONA, CELICA & PICKUP) (Continued)		
	Expansion Plug Kits	MPE-140BR MPE-140R MPE-140B MPE-140	BAGGED, BRASS KIT INCLUDES (6) MPC-212-B BLOCK BAGGED, STEEL KIT INCLUDES (6) MPC-212 BLOCK CARDED, BRASS KIT INCLUDES (6) MPC-212-B BLOCK CARDED, STEEL KIT INCLUDES (6) MPC-212 BLOCK
42	2237CC 4YEC OHV ENG - 1986-89 - 4 Cyl. - 91 MM Bore (VAN)		
	Oil Pump	M159	INCLUDES SCREEN
	Mell Lube	M-10012	
	Lifters	JB-969	HYD.
	Chain	3DR60	60 LINKS
	Tensioner	BT01	
	Damper	BD23	
	Timing Kit	3DR60-1	KIT INCLUDES [3DR60], [S465], [S479], [BT01] & [BD23]
43	2253CC 2M OHC ENG - 1972 - 6 Cyl. - 75 MM Bore MARK II		
	Mell Lube	M-10012	
	Intake Valve	V5049	HEAD DIA. 1.575
	Exhaust Valve	V5046	HEAD DIA. 1.335
	Chain	3DR112	112 LINKS
	Intermediate Sprocket	S457	30 TEETH
	Tensioner	BT18	
	Damper	BD43	RIGHT #1
44	2362CC 2AZFXE DOHC - 2007 - 4 Cyl. - 88.5 MM Bore (CAMRY) HYBRID		
	Mell Lube	M-10012	
45	2366CC 22R OHC ENG - 1981-90 - 4 Cyl. - 92 MM Bore (1981 CORONA) (1981-84 CELICA) (1981-90 PICKUP) (CARB ENGS.)		
	Oil Pump	M145 M146	1981-1984 1985-1990
	Screen Assy	289S	2WD PICK-UP
	Camshaft	TSC-1	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5328	HEAD DIA. 1.770
	Exhaust Valve	V5330	HEAD DIA. 1.457
	Rocker Arms	MR-935	1981 TO 3/89
	Chain	3DR98 3SR98 3SR96	1981-1982 98 LINKS 1983-1984 98 LINKS 1985-1990 96 LINKS
	Cam Sprocket	S600	1983-1990 36 TEETH
	Crank Sprocket	S593	1983-1990 18 TEETH
	Tensioner	BT16 BT100	1981-1982 1983-1990
	Damper	BD25 BD26 BD101 BD102 BD132	1981-1982 LEFT #1 1981-1982 RIGHT #2 1983-1984 RIGHT #2 1983-1990 LEFT #1 1985-1990 RIGHT #2
	Timing Kit	3DR98-1 3SR98-1 3SR96-1	1981-1982 KIT INCLUDES [3DR98], [S459], [S483], [BT16], [BD26] & [BD25] 1983-1984 KIT INCLUDES [3SR98], [S593], [S600], [BT100], [BD102] & [BD101] 1985-1990 KIT INCLUDES [3SR96], [S593], [S600], [BT100], [BD102] & [BD132]
	Timing Cover	MOC300	1984-1990
	Expansion Plug Kits	MPE-140BR	1981-1986 BAGGED, BRASS KIT INCLUDES (6) MPC-212-B BLOCK
	<i>Continued on Next Page</i>		

Line No.	Part Title	Part No	Description
45	2366CC 22R OHC ENG - 1981-90 - 4 Cyl. - 92 MM Bore (1981 CORONA) (1981-84 CELICA) (1981-90 PICKUP) (CARB ENGS.) (Continued)		
	Expansion Plug Kits	MPE-140R MPE-140B MPE-140	1981-1986 BAGGED, STEEL KIT INCLUDES (6) MPC-212 BLOCK 1981-1986 CARDED, BRASS KIT INCLUDES (6) MPC-212-B BLOCK 1981-1986 CARDED, STEEL KIT INCLUDES (6) MPC-212 BLOCK
	46 2366CC 22RE OHC ENG - 1988-95 - 4 Cyl. - 92 MM Bore (2WD & 4WD PICKUP & 4 RUNNER) (MFI ENGS.)		
	Oil Pump	M146	
	Screen Assy	289S	2WD PICK-UP
	Camshaft	TSC-1	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5328	HEAD DIA. 1.770
	Exhaust Valve	V5330	HEAD DIA. 1.457
	Chain	3SR96	96 LINKS
	Cam Sprocket	S600	36 TEETH
	Crank Sprocket	S593	18 TEETH
	Tensioner	BT100	
	Damper	BD102 BD132	LEFT #1 RIGHT #2
	Timing Kit	3SR96-1	KIT INCLUDES [3SR96], [S593], [S600], [BT100], [BD102] & [BD132]
	Timing Cover	MOC300	
47	2366CC 22REC OHC ENG - 1983-89 - 4 Cyl. - 92 MM Bore (1984-89 TRUCK) (1983-85 CELICA) (MFI ENGS.)		
	Oil Pump	M145 M146	1983-1984 1985-1989
	Screen Assy	289S	2WD PICK-UP
	Camshaft	TSC-1	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5328	HEAD DIA. 1.770
	Exhaust Valve	V5330	HEAD DIA. 1.457
	Chain	3SR98 3SR96	1983-1984 98 LINKS 1985-1989 96 LINKS
	Cam Sprocket	S600	36 TEETH
	Crank Sprocket	S593	18 TEETH
	Tensioner	BT100	
	Damper	BD102 BD101 BD132	LEFT #1 1983-1984 RIGHT #2 1985-1989 RIGHT #2
	Timing Kit	3SR96-1	1985-1989 KIT INCLUDES [3SR96], [S593], [S600], [BT100], [BD102] & [BD132]
	Timing Cover	MOC300	1984-1989
48	2366CC 22RTEC OHC ENG - 1985-88 - 4 Cyl. - 92 MM Bore (TRUCKS) (OHC TURBO ENGS.)		
	Oil Pump	M146	
	Camshaft	TSC-1	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5328	HEAD DIA. 1.770
	Exhaust Valve	V5331	HEAD DIA. 1.456
	Chain	3SR96	96 LINKS
	Cam Sprocket	S600	36 TEETH
	Crank Sprocket	S593	18 TEETH
	Tensioner	BT100	
	Damper	BD132	RIGHT #2
	Timing Kit	3SR96-1	KIT INCLUDES [3SR96], [S593], [S600], [BT100], [BD102] & [BD132]

TOYOTA (Continued)

Line No.	Part Title	Part No	Description
49	2398CC 2AZFE DOHC ENG - 2001-07 - 4 Cyl. - 88.5 MM Bore (02-07 CAMRY, 01-07 HIGHLANDER, 04-07 RAV4, 02-07 SOLARA)		
	Mell Lube	M-10012	
50	2438CC 2RZFE DOHC ENG - 1995-04 - 4 Cyl. - 95 MM Bore (TACOMA 2WD)		
	Mell Lube	M-10012	
	Lifters	JB-6054	MECH.
	Chain	3SR102	102 LINKS CAMSHAFT
	Crank Sprocket	S593	18 TEETH
	Tensioner	BT359	
51	2438CC 2TZFE,2TZFZE DOHC ENG - 1991-97 - 4 Cyl. - 95 MM Bore (PREVIA)		
	Mell Lube	M-10012	
	Lifters	JB-6054	MECH.
	Chain	3SR102 8MMSR60	102 LINKS CAMSHAFT 60 LINKS OIL PUMP
	Cam Sprocket	S754	36 TEETH LEFT
	Crank Sprocket	S771	1991-1995 18 TEETH 2TZFE ONLY
	Tensioner	BT199	1991-1994
	Guide	BG200	1991-1994 RIGHT
52	2446CC 2L,2LT OHC ENG - 1984-87 - 4 Cyl. - 92 MM Bore (1984-85 2L NON-TURBO) (1985-87 2LT TURBO)		
	Mell Lube	M-10012	
	Crank Sprocket	S8033	21 TEETH
53	2508CC 2VZFE DOHC ENG - 1988-91 - V6 - 87 MM Bore (CAMRY)		
	Oil Pump	M204	
	Mell Lube	M-10012	
	Lifters	JB-6003	MECH.
	Intake Valve	V5332	HEAD DIA. 1.397
	Exhaust Valve	V5333	HEAD DIA. 1.071
	Belt	B-0157	179 TEETH
	Expansion Plug Kits	MPE-255R	BAGGED, STEEL KIT INCLUDES (11) MPC-224
54	2563CC 4M OHC ENG - 1971-80 - V6 - 80 MM Bore (1978-80 CRESSIDA) (1972-76 CORONA MARK II) (1971-73 CROWN)		
	Mell Lube	M-10012	
	Intake Valve	V5049 V5085	1971-1976 HEAD DIA. 1.575 1978-1980 HEAD DIA. 1.494
	Exhaust Valve	V5046	1971-1976 HEAD DIA. 1.335
	Chain	3DR112	112 LINKS
	Intermediate Sprocket	S457	30 TEETH
	Tensioner	BT68 BT18	CRESSIDA CROWN & CORONA
	Damper	BD43	RIGHT #1
55	2563CC 4ME OHC ENG - 1979-80 - 6 Cyl. - 80 MM Bore (CELICA & CRESSIDA)		
	Mell Lube	M-10012	
	Intake Valve	V5085	HEAD DIA. 1.494
	Chain	3DR112	112 LINKS
	Intermediate Sprocket	S457	30 TEETH
	Tensioner	BT68	
56	2694CC 2TRFE DOHC ENG - 2005-07 - 4 Cyl. - 95 MM Bore (TACOMA)		
	Mell Lube	M-10012	
	Tensioner	BT358	2005-2006 SECONDARY

Line No.	Part Title	Part No	Description
57	2694CC 3RZFE DOHC ENG - 1994-04 - 4 Cyl. - 95 MM Bore (96-00 4-RUNNER, 94-98 T100 PICKUP & 95-04 TACOMA)		
	Mell Lube	M-10012	
	Lifters	JB-6054	MECH.
	Chain	8MMSRH82 3SRH106	82 LINKS INNER 106 LINKS OUTER
	Cam Sprocket	S754	36 TEETH INTAKE
	Crank Sprocket	S593	18 TEETH OUTER
	Tensioner	BT358 BT359	INNER OUTER
	Damper	BD364 BD363 BD362 BD361	INNER LEFT HAND INNER LOWER INNER UPPER OUTER LEFT HAND
	Guide	BG360	OUTER RIGHT HAND
	Timing Kit	3-3SRH106	KIT INCLUDES [3SRH106], [8MMSRH82], [S754], [S593], [BT358], [BT359], [BG360], [BD361], [BD362], [BD363], [BD364]
58	2754CC 5ME OHC ENG - 1981-82 - 6 Cyl. - 83 MM Bore (1981-82 CELICA-SUPRA) (1981-82 CRESSIDA-MX6)		
	Mell Lube	M-10012	
	Chain	3DR112	112 LINKS
	Intermediate Sprocket	S457	30 TEETH
	Tensioner	BT68	
59	2754CC 5MGE DOHC ENG - 1982-88 - 6 Cyl. - 83 MM Bore (1982-86 CELICA-SUPRA) (1982-88 CRESSIDA-MX6 & MX7)		
	Oil Pump	M156	FROM 7/84 TO 1988 INCLUDES SCREEN
	Camshaft	TSC-8 TSC-7	EXH. HYD. INT. HYD.
	Mell Lube	M-10012	
	Lifters	JB-6004	HYD.
	Intake Valve	V5335	HEAD DIA. 1.733
	Exhaust Valve	V5336	HEAD DIA. 1.418
	Belt	B-074 B-0101	1982-1983 142 TEETH 1984-1988 169 TEETH
	Intermediate Sprocket	S8038	1984-1988 46 TEETH
	Tensioner	BT96	
60	2954CC 3VZE OHC ENG - 1988-95 - V6 - 87 MM Bore (1988-95 PICKUP & 4 RUNNER) (1993-94 T100)		
	Oil Pump	M184	
	Screen Assy	293S 290S	PICKUP T-100 & 4 RUNNER
	Camshaft	MC1299 MC1298 MC1319 MC1318	L.H. MECH. R.H. MECH. 1989-1995 WITH .020" OVERSIZE JOURNALS L.H. MECH. SAME AS [MC1299] 1989-1995 WITH .020" OVERSIZE JOURNALS R.H. MECH. SAME AS [MC1298]
	Mell Lube	M-10012	
	Lifters	JB-6010	MECH.
	Exhaust Valve	V5340	HEAD DIA. 1.380
	Belt	B-0154 B-0240	1988-1992 193 TEETH 1993-1995 193 TEETH
	Tensioner	BT209	LOWER
	<i>Continued on Next Page</i>		

TOYOTA (Continued)

Line No.	Part Title	Part No	Description	
60	2954CC 3VZE OHC ENG - 1988-95 - V6 - 87 MM Bore (1988-95 PICKUP & 4 RUNNER) (1993-94 T100) (Continued)			
	Expansion Plug Kits	MPE-255R	BAGGED, STEEL KIT INCLUDES (11) MPC-224	
61	2954CC 3VZFE DOHC ENG - 1992-93 - V6 - 87 MM Bore (CAMRY)			
	Oil Pump	M204		
	Mell Lube	M-10012		
	Lifters	JB-6054	MECH.	
	Belt	B-0200	191 TEETH	
	Expansion Plug Kits	MPE-255R	BAGGED, STEEL KIT INCLUDES (11) MPC-224	
62	2954CC 7MGE DOHC ENG - 1986-92 - 6 Cyl. - 83 MM Bore (ALSO 7MGTE) (1986-92 SUPRA 7MGE) (1987-92 SUPRA 7MGTE) (1989-92 CRESSIDA 7MGE)			
	Camshaft	MC1311 MC1310	EXH. W/O GEAR MECH. INT. W/O GEAR MECH.	
	Mell Lube	M-10012		
	Lifters	JB-6003	MECH.	
	Intake Valve	V5337	HEAD DIA. 1.258	
	Exhaust Valve	V5338	HEAD DIA. 1.082	
	Belt	B-0126 B-0237	1986-1990 159 TEETH 1991-1992 159 TEETH	
	Tensioner	BT205		
	63	2995CC 1MZFE DOHC ENG - 1994-06 - V6 - 87 MM Bore (94-06 CAMRY) (95-04 AVALON) (98-03 SIENNA VAN) (99-03 SOLARA) (01-03 HIGHLANDER)		
Oil Pump		M219 M219 M219 M219	1994-2001 CAMRY 1995-1999 AVALON 1998-2000 SIENNA 1999-2003 SOLARA	
Mell Lube		M-10012		
Lifters		JB-6054	MECH.	
Intake Valve		V5552	HEAD DIA. 1.340	
Exhaust Valve		V5553	HEAD DIA. 1.075	
Belt		B-0257	211 TEETH	
64		2997CC 2JZGE DOHC ENG - 1993-97 - 6 Cyl. - 86 MM Bore (ALSO 2JZGTE) (SUPRA)		
		Mell Lube	M-10012	
	Belt	B-0215	143 TEETH	
65	3300CC 3MZFE DOHC ENG - 2004-07 - V6 - 92 MM Bore (04-06 CAMRY, 04-07 HIGHLANDER, 04-06 SIENNA, 04-07 SOLARA)			
	Mell Lube	M-10012		
	Lifters	JB-6054	2004-2006 MECH.	
	Intake Valve	V5552	2004-2006 HEAD DIA. 1.340	
	Exhaust Valve	V5553	2004-2006 HEAD DIA. 1.075	
66	3378CC 5VZFE DOHC ENG - 1995-04 - V6 - 93 MM Bore (00-04 TUNDRA, 96-02 4-RUNNER, 95-98 T100 & 95-04 TACOMA 2WD)			
	Oil Pump	M242		
	Mell Lube	M-10012		
	Lifters	JB-6054	MECH.	
	Intake Valve	V5305	HEAD DIA. 1.340	
	Exhaust Valve	V5306	HEAD DIA. 1.075	
	Belt	B-0271	191 TEETH	
67	3456CC 2GRFE DOHC ENG - 2005-07 - V6 - 94 MM Bore (05-07 AVALON, 2007 CAMRY, 06-07 RAV4, 2007 SIENNA))			
	Mell Lube	M-10012		

Line No.	Part Title	Part No	Description
68	3878CC F OHV ENG - 1960-74 - 6 Cyl. - 90 MM Bore (LANDCRUISER FJ40 & FJ55)		
	Camshaft	MC803	1969-1974 MECH.
	Mell Lube	M-10012	
	Intake Valve	V5070	1969-1974 HEAD DIA. 1.810
	Exhaust Valve	V5343	1969-1974 HEAD DIA. 1.474
	Cam Gear	2202	54 TEETH
	Crank Gear	2203	27 TEETH
69	3956CC 3FE OHV ENG - 1988-92 - 6 Cyl. - 94 MM Bore (LANDCRUISER FJ80)		
	Camshaft	MC803	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5070	HEAD DIA. 1.810
	Exhaust Valve	V5342	HEAD DIA. 1.475
70	4000CC 1GRFE DOHC ENG - 2003-07 - V6 - 94 MM Bore (03-07 4RUNNER, 2007 FJ CRUISER, 05-07 TACOMA, 05-07 TUNDRA)		
	Mell Lube	M-10012	
71	4227CC 2F OHV ENG - 1975-87 - 6 Cyl. - 94 MM Bore (LANDCRUISER FJ40, FJ55, FJ60)		
	Oil Pump	M153	from 6/76 TO 1987 INCLUDES SCREEN
	Camshaft	MC803	MECH.
	Mell Lube	M-10012	
	Intake Valve	V5070	HEAD DIA. 1.810
	Exhaust Valve	V5343	HEAD DIA. 1.474
	Cam Gear	2202	54 TEETH
	Crank Gear	2203	27 TEETH
72	4227CC B,3B OHV ENG - 1978-86 - 6 Cyl. - (1978-81 LANDCRUISER BJ40, BJ60) (1980-86 LANDCRUISER B 3B) (DIESEL-CANADA)		
	Mell Lube	M-10012	
73	4230CC 2H OHV ENG - 1985-87 - 6 Cyl. - (LANDCRUISER HJ60) (NOT IN U.S.)		
	Mell Lube	M-10012	
74	4477CC 1FZFE DOHC ENG - 1993-97 - 6 Cyl. - 100 MM Bore (LANDCRUISER FZJ80)		
	Mell Lube	M-10012	
75	4663CC 2UZFE DOHC ENG - 1999-07 - 8 Cyl. - 3.70 Bore (00-07 TUNDRA, 01-07 SEQUOIA, 98-07 LAND CRUISER, 03-07 4RUNNER)		
	Mell Lube	M-10012	
	Belt	B-0298	1999-2004 211 TEETH

TRIUMPH

Engine	Year	Line	Engine	Year	Line	Engine	Year	Line
4 Cyl.			6 Cyl.			6 Cyl.		
1147CC OHV	1961-67	1	1998CC OHV	1966-74	5	2498CC OHV	1968-76	8
1296CC OHV	1967-72	2	4 Cyl.					
1493CC OHV	1973-80	3	1998CC OHV	1975-81	6			
1991CC OHV	1954-61	4	2138CC OHV	1961-67	7			
Line No.	Part Title	Part No	Description					
1	1147CC OHV ENG - 1961-67 - 4 Cyl. - 2.7279 Bore (HERALD, SPITFIRE MK I & II)							
	Mell Lube	M-10012						
	Chain	3SR62	62 LINKS					
2	1296CC OHV ENG - 1967-72 - 4 Cyl. - 2.8995 Bore (SPITFIRE MK III & IV)							
	Mell Lube	M-10012						
	Chain	3SR62	62 LINKS					