

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
MAZDA											
M682	PB	0249-99-111 0259-23-200	4	68	38	+4.0	74	2 x 2.0	1 x 4.0	20.0 x 56	71
M685	B1	B1Y0-11-SA0	4	68	31.5	+0.5	63.5	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 52	174
M704	TB	0268-23-200 0271-23-200	4	70	39		71	2 x 2.0	1 x 4.0	20.0 x 56	71
M705	PC	0317-23-200	4	70	37	+5.5	74.5	2 x 2.0	1 x 4.0	19.985 x 54	101
M705B	PC	8698-23-200	4	70	37	+5.5	74.5	2 x 1.5	1 x 4.0	19.985 x 60	101
M706	E1	E101-23-200A	4	70	29	+6.0	67	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 61	101
M713	B3	B3Y0-11-SA0	4	71	28.7	-1.0	60	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 52	137
M7110	B3	B3Y4-11-102	4	71	28.9	-1.1	59.6	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 52	2
M7109	B3	B3Y6-11-SA0C B3C7-11-102	4	71	29.3	-8.6	60	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 52	301
M7117	B3	B3Z0-11-SA0	4	71	28.8	+0.5	60	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 52	301
M731	TC	0324-23-200	4	73	37		69	2 x 2.0	1 x 4.0	20.0 x 56	82
M731H	TC	0370-23-200	4	73	37	+0.5	70.5	2 x 2.0	1 x 4.0	20.0 x 56	101
M734	TC	8034-23-200	4	73	31	+1.2	64.2	2 x 1.5	1 x 4.0	19.98 x 65	82
M7406	JF	JFY3-11-SA0	V6	74	32.5	-1.0	62.5	2 x 1.5	1 x 4.0	19.98 x 61	195
M757	UA	0107-11-102 0603-23-200	4	75	41		78	2 x 2.5	1 x 4.0	22.0 x 65	1
M757B	UA	0571-23-200 0572-23-200	4	75	41		78	2 x 2.0	1 x 4.0	22.0 x 65	1

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MAZDA											
M7530	Z5	Z5Y0-11-SAO	4	75.3	28	-6.3	51.8	1 x 1.0 1 x 1.2	1 x 2.5	19.98 x 61	148
M773	UC	8569-23-200	4	77	31	-1.0	63	2 x 1.5	1 x 4.0	19.98 x 65	120
M773B	UC	D410-23-200	4	77	31	-1.0	63	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	120
M776	E5	E501-23-200	4	77	29	-2.5	61	1 x 1.2 1 x 1.5	1 x 4.0	19.98 x 65	133
M776B	E5	E502-23-200A	4	77	29	-2.5	61	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	133
M776F	E5	E580-23-200C	4	77	29		61	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	143
M776H	E3	E301-23-200	4	77	29	+0.8	61.8	1 x 1.2 1 x 1.5	1 x 4.0	19.98 x 65	135
M776HB	E3	E302-23-200A	4	77	29	+0.8	61.8	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	135
M150	UB	0222-23-200	4	78	41	+5.0	83	2 x 2.0	1 x 4.0	22.0 x 65	13
M180	VB	0290-23-200 3879-23-200	4	78	40	-2.5	77	2 x 1.5	1 x 4.0	22.0 x 65	5
M181	NA	0305-23-200	4	78	38.5	+2.7	78.2	2 x 1.5	1 x 4.0	22.0 x 65	13
M181B	NA	H602-23-200	4	78	38.5	+2.5	78	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	13
M181BB	NA	H601-23-200 8170-23-200	4	78	38.5	+2.5	78	1 x 1.2 1 x 1.5	1 x 4.0	19.98 x 65	13
M181H	NA	D27Z-6108B	4	78	37.5	+8.0	82.5	2 x 1.5	1 x 4.0	22.00 x 65	13
M7804	B6	B6Y0-11-SAOA	4	78	32	-2.0	63	2 x 1.5	1 x 4.0	19.98 x 61	137
M7806	B6-T	B6Z0-11-SAOC	4	78	32.2	-5.8	63.5	2 x 1.5	1 x 4.0	19.98x61.5	148

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
MAZDA											
MD7807	PN	PN11-11-SA0B PN20-11-SA0	4	78	41.2	-1.4	76	1 x 2.0 1 x 1.5	1 x 3.0	25.0 x 6	239
M7811	B6	B6Z7-11-SA0	4	78	31.9	-2.6	62.5	2 x 1.5	1 x 3.0	20.0 x 56.5	148
M7813	B6	B6Y2-11-SA0	4	78	31.9	-2.6	62.5	2 x 1.5	1 x 3.0	20.0 x 56.5	148
M7814	Z6	Z6Y1-11-SA0	4	78	29.8	-1.9	48.3	2 x 1.2	1 x 2.5	18.98 x 58	217
M7815	B6BF	B6BF-11-102 BP05-11-102	4	78	32	-2.7	62.5	2 x 1.5	1 x 3.0	20.0 x 58	217
M7818	ZM	ZMY0-11-SA0	4	78	31	-3.8	54.5	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 61	148
M7819	ZL-VE	ZLY2-11-SA0	4	78	30.6	-1.6	54	1 x 1.2 1 x 1.5	1 x 3.0	19.98 x 61	148
M182	VC	0453-23-200	4	80	36	-2.0	73	2 x 2.0	1 x 4.0	22.0 x 65	5
M184CL	VC	H802-23-200	4	80	36	-2.0	73	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	5
M183	MA	3975-23-200	4	80	36.2		73.2	2 x 2.0	1 x 4.0	22.0 x 65	1
M184B	MA	4112-23-200 8682-23-200A HE01-23-200	4	80	36.2		73.2	1 x 1.2 1 x 1.5	1 x 4.0	19.98 x 65	1
M184BL	MA	4116-23-200 8171-23-200 H801-23-200	4	80	36	-2.0	73	1 x 1.2 1 x 1.5	1 x 4.0	19.98 x 65	5
M184C	MA	HE41-23-200	4	80	36.2		73.2	1 x 1.5 1 x 2.0	1 x 4.0	19.98 x 65	1
M8103	F6	F601-23-200	4	81	34		71	2 x 1.5	1 x 4.0	21.98 x 67	175
M8103H	F6	F605-23-200	4	81	34	+4.5	75.5	2 x 1.5	1 x 4.0	21.98 x 67	174

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
MAZDA											
M824	VA	0164-23-200	4	82	44.5	-6.0	83	2 x 2.5	1 x 4.5	21.98 x 71	5
M824B	VA	2477-23-200	4	82	44.5	-6.0	83	2 x 2.5	1 x 4.5	21.98 x 71	5
M824X	VA	0553-23-200	4	82	45		83.5	2 x 2.0	1 x 4.5	21.98 x 71	1
M8308H	BP	BPY1-11-SAO BPY1-11-SAOA	4	83	30.6	+0.5	61	2 x 1.5	1 x 3.0	20.0 x 56.5	263
M8308L	BP	BPY3-11-SAO	4	83	31.2	-2.5	61.5	2 x 1.5	1 x 3.0	20.0 x 56.5	217
M8309	FS	FSY3-11-SAO	4	83	29.9	-8.5	53.9	1 x 1.2 1 x 1.5	1 x 3.0	19.0 x 58.5	148
M8605	F8	F801-23-200	4	86	34		71	2 x 1.5	1 x 4.0	21.98 x 67	175
M8605L	FE	FE01-23-200	4	86	34	-2.7	71	2 x 1.5	1 x 4.0	21.98 x 67	137
M8606T	R2/RF	RF01-23-200	4	86	47.5	-1.6	86.3	2 x 2.0	1 x 4.0	25.0 x 68	145
M8611	F2	F2Y2-11-SAO	4	86	36.5	-6.7	71.5	2 x 1.5	1 x 4.0	21.98 x 67	148
M8612	F2	F2Y4-11-SAO	4	86	36	-5.4	71	2 x 1.5	1 x 4.0	21.98 x 67	137
M8614	FE	FE30-23-200A	4	86	34	-6.0	71	2 x 1.5	1 x 4.0	21.98 x 67	137
MC8623T	R2	R2Y0-11-SAO	4	86	47.2	-1.6	86.2	2 x 2.0	1 x 3.0	25.0 x 68	145
M8624T	RF-T	RFY0-11-SAOA	4	86	47.2	-1.2 -3.0	86.2	1 x 2.0k 1 x 2.0	1 x 4.0	30.0 x 68	149
MC8624BT	RF	RFJ5-11-SAO	4	86	47.2	-1.2 -3.2	86.2	2 x 2.0	1 x 3.0	30.0 x 68.5	239
MC8639T	RF-T	RFY4-11-SAO	4	86	47.2	-1.2	86.2	1 x 2.0k 1 x 2.0	1 x 3.0	30.0 x 68	145

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
MAZDA											
MC8657T	RF2	RFY2-11-SAO	4	86	46.8	-4.8 -15.9	85.8	2 x 2.0	1 x 3.0	30.0 x 68	145
MC8649T	RF8	RFY8-11-SAO	4	86	46.8		75.8	2 x 2.0	1 x 3.0	30.0 x 68	239
MC8634T	R2	R2Y3-11-SAOB	4	86	43.2	-1.1 -2.1	82	2 x 2.0	1 x 3.0	25.0 x 64.0	145
M8630	R2	R220-11-SAO	4	86	36.6	-9.6	71.5	2 x 1.5	1 x 4.0	21.978x67	148
M8631	FE	FEYA-11-SAO FEYB-11-SAO	4	86	37.5	-1.6	71.5	2 x 1.5	1 x 4.0	22.0 x 72	217
M8632	FE	FEYC-11-SAO	4	86	34.5	-0.5	71	2 x 1.5	1 x 4.0	22.0 x 72	217
M8636	FE	FEJK-11-SAOA	4	86	34	-2.4	70.5	2 x 1.5	1 x 4.0	21.98 x 67	137
M8755L	LF	LFY1-11-SAO	4	87.5	28.5	-0.4	51	2 x 1.2	1 x 2.5	21.0 x 61	2
M8755	LF	LFY2-11-SAO	4	87.5	28.5	-2.0	51	2 x 1.2	1 x 2.5	21.0 x 61	2
M8756	L3	L3Y5-11-SAO	4	87.5	28.5	-4.0	51	2 x 1.2	1 x 2.5	21.0 x 61	315
M8757	L3	L3Y7-11-SAO	4	87.5	28.5	-3.3	51	2 x 1.2	1 x 2.5	21.0 x 61	315
M8757H	LF	LFY5-11-SAO	4	87.5	28.5	-1.8	51	2 x 1.2	1 x 2.5	21.0 x 61	315
M889 M889/6	XA YA	0559-23-200 0636-23-200 0750-23-200	4 6	88.9	60.18		115.7	3 x 3/32	2 x 3/16	31.75 x 75	1
M8901F	XA	0911-99-111B	4	88.9	60.3		103.3	2 x 3/32	1 x 3/16	28.0 x 73	1
M8901	S5	S501-23-200 S501-99-111	4	88.9	60.3	-1.8	103.3	2 x 3/32	1 x 3/16	28.0 x 73	95
M8900	S2	1456-23-200A	4	88.9	50.7	-1.9	95	2 x 3/32	1 x 3/16	28.0 x 73	95

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
MAZDA											
M8900T	S2	8259-23-200C	4	88.9	50.7	-1.9	95	2 x 3/32	1 x 3/16	28.0 x 73	95
M9008-R/L	JE	JEY7-11-SAYA(R) JEY7-11-SLYA(L)	V6	90	35.5	-3.6	71.2	2 x 1.5	1 x 4.0	22.98 x 63	282 283
M9009-R/L	JE-ZE	JEY8-11-SAO JE27-11-SAO JEY9-11-SLO	V6	90	35.5	-3.6	71.2	2 x 1.5	1 x 4.0	22.98 x 63	282 283
M9010	JE-ZE	JEY6-11-SAO	6	90	35.5	-3.6	74	2 x 1.5	1 x 4.0	23.0 x 77	195
M9216	G6	G602-11-SAO	4	92	35.7	-8.7	73.7	2 x 1.5	1 x 4.0	22.98 x 63	5
M9217	G5	G501-11-SAO	4	92	37.9	-6.7	75.8	2 x 1.5	1 x 4.0	22.98 x 63	5
M921 M921/6	XB ZB	0528-23-200	4 6	92.025	60.1		115.6	3 x 3/32	2 x 3/16	31.75 x 75	1
M924T	ZB	V101-23-200	6	92.025	60.3		103.3	2 x 3/32	1 x 3/16	31.75 x 75	1
MC9307T	WL	WLY1-11-SAO	4	93	47.9	-3.1	87.4	1 x 2.5 1 x 2.0	1 x 3.0	32.0 x 70	149
MC9308T	WL	WLY3-11-SAOC	4	93	47.8	-1.2 -3.0	87.3	1 x 2.5 1 x 2.0	1 x 3.0	32.0 x 70	149
MC9319T	WL-C	WLYE-11-SAO	4	93	51.7	-15.1 -7.1	81.2	1 x 2.5 1 x 2.0	1 x 2.0	34.0 x 70	158
MC9511T	W9	W9Y1-11-SAO WQY1-11-SAO	4	95	47.8	-3.1	87.3	1 x 2.5 1 x 2.0	1 x 3.0	32.0 x 70	328
M954	HA	1363-23-200	4	95.025	58.3		115.3	2 x 3/32	1 x 3/16	31.75 x 75	1
M954T	HA	0933-23-200	4	95.025	58.3		115.3	2 x 3/32	1 x 3/16	31.75 x 75	1
M955T	HA	SE01-23-20A	4	95.025	53.5	-2.0	100.5	2 x 3/32	1 x 3/16	30.0 x 79	289
MC9612T	MZR-CD	WEY1-11-SAO	4	96	51.8	-3.1	86.3	1 x 2.0 1 x 1.5	1 x 2.0	34.0 x 70	158

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MAZDA											
M1008T	SL	SL01-23-200A	4	100	58	-11.7 -21.3	105	1 x 2.5k 1 x 2.0	1 x 4.5	34.0 x 82	112
MC1008Z	SL	SL07-23-200	4	100	58	-11.7 -21.3	105	1 x 2.5 1 x 2.0	1 x 4.5	34.0 x 82	112
MFC1009T	SL	SL50-11-SAO	4	100	58	-9.5 -18.5	105	1 x 2.5 1 x 2.0	1 x 4.5	34.0 x 82	112
MFC1010T	SLA1	SLA1-11-SAO	4	100	58	-10.2 -18.6	105	1 x 2.5 1 x 2.0	1 x 4.5	34.0 x 82	112
MC1011T	SLM1	SLM1-11-SAO	4	100	58	-10.4 -18.8	105	1 x 2.5 1 x 2.0	1 x 4.5	34.0 x 82	112
M1012	SL	SL70-11-SAO	4	100	58	-10.5 -19.0	105	1 x 2.5k 1 x 2.0	1 x 4.5	34.0 x 82	272
MF1051T	TF	TF01-11-SAO	4	105.51	61.4	-12.0 -22.0	108.3	1 x 2.5k 1 x 2.0	1 x 4.5	35.0 x 87	237
MC1058T	TF	TF20-11-SAO	4	105.51	61.4	-12.0 -22.0	108.3	1 x 2.5k 1 x 2.0	1 x 4.5	35.0 x 87	237

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