

Mazda

Kit Part #	Bore MM / Inch	Over Sizes	Stroke	Rod Lgth.	Comp. Ht.	Head cc's	Dome Dish	Gasket Thkness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Dia.	Ring #	Gram	Foot Notes
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Mazda 2.0 FS (Fits Mazdaspeed 2003 Turbo, 626, and Probe)

K614M83	83.00 / 3.268	Std.	3.622	5.325	1.175			.032	.016-	8.327		.748	8300XX	283	
K614M835	83.50 / 3.287	.020	92	135.25	29.85	38	-16.5	0.81	0.4-	211.5	9.0	19mm	8350XX	292	1
K614M84	84.00 / 3.307	.040											8400XX	298	

Mazda MZR 2.3

K628M875	87.50 / 3.445	Std.	3.701	6.092	1.122	42	-23	.018	.030-	9.095	8.8	.827	8750XX	309	NEW 1
K628M88	88.00 / 3.464	.020	94	154.75	28.5			0.5	0.76-	231		21mm	8800XX	315	
K629M875	87.50 / 3.445	Std.	3.701	6.092	1.122	42	-7	.018	.030	9.095	11.0	.827	8750XX	306	NEW 1
K629M88	88.00 / 3.464	.020	94	154.75	28.5			0.5	0.76-	231		21mm	8800XX	311	

Miata 1.6 Liter

K554M785	78.50 / 3.090	.020	3.287	5.228	1.258			.043	.000	8.130		.787	7850XX	275	
K554M79	79.00 / 3.110	.040	83.5	132.8	31.95	36	-13	1.1	0	206.5	8.5	20mm	7900XX	284	1
K554M795	79.50 / 3.130	.060											7950XX	292	

Miata 1.8 Liter and Protégé 1.8 ("BP" engine code)

K553M835	83.50 / 3.287	.020	3.346	5.236	1.201			.031	.020-	8.130		.787	8350XX	301	
K553M84	84.00 / 3.307	.040	85	133	30.5	52	-4	0.79	0.5-	206.5	8.5 - 8.8	20mm	8400XX	309	1
K553M845	84.50 / 3.327	.060											8450XX	315	
K590M835	83.50 / 3.287	.020	3.346	5.236	1.201	52	7	.031	.020-	8.130	10.0 - 10.3	.787	8350XX	288	1
K590M84	84.00 / 3.307	.040	85	133	30.5			0.79	0.5-	206.5		20mm	8400XX	293	

Mini Cooper S 2002-06

Supercharged

K618M77	77.00 / 3.031	Std.	3.778	5.177	1.043		0 FT	.03	.08-	8.189		.827	7700XX	246	
K618M775	77.50 / 3.051	.020	85.8	131.5	26.5			0.75	2.0-	208	8.5	21mm	7750XX	250	1

Mitsubishi

1st generation • 6-Bolt

Eclipse 1988-92 4G63 2.0 Liter

K559M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.042	0	9.015		.827	8500XX	324	
K559M855	85.50 / 3.366	.020	88	150	35	47	-17	1.1	0	229	8.3	21mm	8550XX	332	1
K559M86	86.00 / 3.386	.040											8600XX	340	
K559M865	86.50 / 3.405	.060											8650XX	348	

Eclipse 1988-92 4G63 (1400H.D. with .225" Wall Tool Steel Pins)

K625M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.042	0	9.015		.827	8500XX	336	
K625M855	85.50 / 3.366	.020	88	150	35	47	-14	1.1	0	229	8.5	21mm	8550XX	343	NEW 1
K625M86	86.00 / 3.386	.040											8600XX	350	
K625M865	86.50 / 3.405	.060											8650XX	357	

Eclipse 1988-92 4G63 (9.0:1 version)

K560M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.042	0	9.015		.827	8500XX	343	
K560M855	85.50 / 3.366	.020	88	150	35	47	-10	1.1	0	229	9.0	21mm	8550XX	349	1
K560M86	86.00 / 3.386	.040											8600XX	361	
K560M865	86.50 / 3.405	.060											8650XX	369	

Eclipse 1988-92 4G63 with 4G64 Stroker (= 2.3 Liter)

K571M85	85.00 / 3.346	Std.	3.937	5.905	1.130			.042	.012	9.015		.827	8500XX	284	
K571M855	85.50 / 3.366	.020	100	150	28.7	47	-21	1.1	0.3	229	8.8	21mm	8550XX	289	1
K571M86	86.00 / 3.386	.040											8600XX	296	



Mitsubishi

2nd generation • 7-Bolt

Kit Part #	Bore MM / Inch	Over Sizes	Stroke	Rod Lgth.	Comp. Ht.	Head cc's	Dome Dish	Gasket Thkness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Dia.	Ring #	Gram	Foot Notes
Eclipse 1993-01 4G63 2.0 Liter															
K548M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.042	0	9.015		.866	8500XX	327	
K548M855	85.50 / 3.366	.020	88	150	35			1.1	0	229		22mm	8550XX	336	
K548M86	86.00 / 3.386	.040				47	-17				8.3		8600XX	342	1
K548M865	86.50 / 3.405	.060											8650XX	353	
K548M87	87.00 / 3.425	.080											8700XX	360	
Eclipse 1993-01 (1400H.D. with .225" wall tool steel pins)															
K626M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.042	0	9.015		.866	8500XX	334	
K626M855	85.50 / 3.366	.020	88	150	35			1.1	0	229		22mm	8550XX	341	NEW
K626M86	86.00 / 3.386	.040				47	-14				8.5		8600XX	349	1
K626M865	86.50 / 3.405	.060											8650XX	356	
Eclipse 1993-01 4G63 (9.0:1 compression version)															
K597M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.042	0	9.015		.866	8500XX	341	
K597M855	85.50 / 3.366	.020	88	150	35			1.1	0	229		22mm	8550XX	345	1
K597M86	86.00 / 3.386	.040				47	-10				9.0		8600XX	350	
Eclipse 4G63 with 4G64 Stroker (= 2.3 Liter)															
K596M85	85.00 / 3.346	Std.	3.937	5.905	1.130			.042	.011-	9.015		.866	8500XX	284	
K596M855	85.50 / 3.366	.020	100	150	28.7			1.1	0.3	229		22mm	8550XX	292	1
K596M86	86.00 / 3.386	.040				43	-21				9.0		8600XX	310	
Eclipse 4G63 with 4G64 Stroker (= 2.3 Liter) (1400H.D. with .225" wall tool steel pins)															
K627M85	85.00 / 3.346	Std.	3.465	5.905	1.130			.042	.011-	9.015		.866	8500XX	292	NEW
K627M855	85.50 / 3.366	.020	88	150	28.7			1.1	0.3	229		22mm	8550XX	299	1
K627M86	86.00 / 3.386	.040				43	-21				9.0		8600XX	305	



Optional K1 Rod for 4G63, 2nd Generation Series:

Part # MH5906ACGB4

(Billet H-Beam 5.906 4G63 S/4) Housing Bore 1.890" • Shaft 1.771" • Bolt 3/8" • Grams 595

ALL NEW



Optional K1 4G63 Crank • 4340 Billet Lightweight

Part # M8804G63-L 88mm Stroke

Part # M9704G63-L 97mm Stroke

Part # M10004G63-L 100mm Stroke

All have: 7-Bolt Flanges • 4G63 Main & Rod Journals • 31 lbs.



Optional K1 4G63 Crank • 4340 Billet

Part # M8804G63 88mm Stroke

Part # M8804G63 94mm Stroke

Part # M9704G63 97mm Stroke

Part # M10004G63 100mm Stroke

All have: 7-Bolt Flanges • 4G63 Main & Rod Journals • 32 lbs.

* Pistons listed with a compression ratio range: low number is with un-cut deck, high number is block decked to .030 piston to cylinder head clearance.

* Always check piston to valve clearance - If using VTEC or like mechanisms-check w/ longer duration higher lift lobe.

* **Always run at least .030 piston to head clearance including gasket thickness.**

* If piston appears to be different than expected, please do not hesitate to call Wiseco at 800-321-1364 to verify compatibility.

1. Most Wiseco pistons have offset pins. **Pins must be offset same as o.e. for quietest operation (pin offset will be opposite of direction of engine rotation).**

Mitsubishi

Evo 8 & 9

Kit Part #	Bore MM / Inch	Over Sizes	Stroke	Rod Lgth.	Comp. Ht.	Head cc's	Dome Dish	Gasket Thkness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Dia.	Ring #	Gram	Foot Notes
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Evo 8 & 9 2003-07 (9.0:1 compression)

K595M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.034	0	9.015		.866	8500XX	335	
K595M855	85.50 / 3.366	.020	88	150	35	43	-14	0.86	0	229	9.0	22mm	8550XX	340	1
K595M86	86.00 / 3.386	.040											8600XX	345	

Evo 8 & 9 2003-07 (1400H.D. with .225" wall tool steel pins)

K626M85	85.00 / 3.346	Std.	3.465	5.905	1.378			.034	0	9.015		.866	8500XX	334	
K626M855	85.50 / 3.366	.020	88	150	35	43	-14	0.86	0	229	9.0	22mm	8550XX	341	NEW
K626M86	86.00 / 3.386	.040											8600XX	349	1
K626M865	86.50 / 3.406	.060											8650XX	356	

Evo 8 & 9 2003-07 4G63 with 4G64 Stroker (= 2.3 Liter)

K596M85	85.00 / 3.346	Std.	3.937	5.905	1.130			.034	.011-	9.015		.866	8500XX	284	
K596M855	85.50 / 3.366	.020	100	150	28.7	43	-21	0.86	0.3-	229	9.0	22mm	8550XX	292	1
K596M86	86.00 / 3.386	.040											8600XX	310	

Evo 8 & 9 2001-07 4G63 with 4G64 Stroker (= 2.3 Liter) (1400H.D. with .225" wall tool steel pins)

K627M85	85.00 / 3.346	Std.	3.937	5.905	1.130			.034	.011-	9.015		.866	8500XX	292	
K627M855	85.50 / 3.366	.020	100	150	28.7	43	-21	0.86	0.3-	229	9.0	22mm	8550XX	299	NEW
K627M86	86.00 / 3.386	.040											8600XX	305	1

4G64

4G64 1988-92 with 4G63 Head (21mm pin)

K564M865	86.50 / 3.405	Std.	3.937	5.905	1.378			.042	0	9.251		.827	8650XX	330	
K564M87	87.00 / 3.425	.020	100	150	35mm	47	-22	1.1	0	235	8.5 - 8.7	21mm	8700XX	336	1

4G64 1993-02 with 4G63 Head (22mm pin)

K548M865	86.50 / 3.405	Std.	3.937	5.905	1.378			.042	0	9.251		.866	8650XX	353	
K548M87	87.00 / 3.425	.020	100	150	35	47	-17	1.1	0	235	9.0 - 9.3	22mm	8700XX	360	1

4G64 1988-92 with 4G63 Head (21mm pin, 1400HD with .225" tool steel pins)

K625M865	86.50 / 3.405	Std.	3.937	5.905	1.378			.042	0	9.251		.827	8650XX	357	
			100	150	35	47	-14	1.1	0	235	9.7	21mm	8650XX	357	NEW

4G64 1993-01 with 4G63 Head (22mm 1400H.D. with .225" wall tool steel pins)

K626M865	86.50 / 3.405	Std.	3.937	5.905	1.378			.042	0	9.251		.866	8650XX	356	
			100	150	35	47	-14	1.1	0	235	9.7	22mm	8650XX	356	NEW

420A

Eclipse 1995-02 DOHC (Same as Neon DOHC engine)

K580M875	87.50 / 3.445	Std.	3.268	5.472	1.236			.040	.004-	8.346		.827	8750XX	331	
K580M88	88.00 / 3.464	.020	83	139	31.4	52	-5	1	0.1-	212	8.8	21mm	8800XX	339	1
K580M885	88.50 / 3.484	.040											8850XX	347	
K581M875	87.50 / 3.445	Std.	3.268	5.472	1.236			.040	.004-	8.346		.827	8750XX	334	
K581M88	88.00 / 3.464	.020	83	139	31.4	52	5	1	0.1-	212	10.5	21mm	8800XX	341	1
K581M885	88.50 / 3.484	.040											8850XX	349	

Starion Conquest TSI 1984-89 G54B

K555M92	92.00 / 3.622	.031	3.858	6.535	1.390			.052	.028-	9.882		.866	9200XX	382	
K555M925	92.50 / 3.642	.051	98	166	35.3	73.5	-17	1.3	0.7-	251	7.25 - 7.8	22mm	9250XX	396	1

3000GT 6G72

K570M915	91.50 / 3.602	.015	2.991	5.548	1.250			.050	.019-	8.313		.866	9150XX	343	
K570M92	92.00 / 3.622	.035	76	140.9	31.75	48	-14	1.27	0.48-	211.15	8.0 - 8.3	22mm	9200XX	355	1
K570M925	92.50 / 3.642	.055											9250XX	362	