



HYUNDAI / LOTUS / MAZDA

HYUNDAI

Hyundai Beta 1 • 2.0L 16V Tiburon Turbo 1996-2002 Engine G4GF

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K585M825	82.50 / 3.248	0.020	3.681	5.753	1.220		-11.5cc	.028				S623 20mm - .787 x 2.500	8250XX	294	1, 3
K585M83	83.00 / 3.268	0.040	93.5mm	146.1mm	31mm			.71mm					8300XX	296	

Hyundai4B11 Theta 2 • 2.0L 16V Hyundai Genesis Turbo G4KF

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K651M86	86.00 / 3.386	Std.	3.386	5.748	1.181			.026	.015	8.858		S751 22mm - .866 x 2.362	8600XX	356	1, 3
K651M865	86.50 / 3.405	0.020	86mm	146mm	30mm	50.5	-4cc	.66mm	.38mm	225mm	9.3		8650XX	359	

Optional K1 Rod for Hyundai 2.0" Genesis Series: Part # 016CA17146

LOTUS

Lotus 2ZZ Elise • 1.8L 16V (also Pontiac Vibe and Toyota Celica, Sleeve bore for best results)

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K565M82	82.00 / 3.228	Std.	3.346	5.429	1.228	38.0	-16cc	.020	.006	8.336	8.9	S549 20mm - .787 x 2.002	8200XX	284	1
K569M82	82.00 / 3.228	Std.	85mm	137.9mm	31.2mm		.2cc	.50mm	.15mm	211.75mm	11.3		8200XX	319	

MAZDA

Mazda Miata 1.6L 16V Turbo (B6)

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K554M785	78.50 / 3.090	0.020	3.287	5.234	1.258	36.0	-13cc	.043	+ .006	8.130	8.6	S623 20mm - .787 x 2.500	7850XX	275	1, 3
K554M79	79.00 / 3.110	0.040											7900XX	284	
K554M795	79.50 / 3.130	0.060											7950XX	292	

Mazda Miata MX-5 & Protégé 1.8L 16V ("BP" engine code) 207mm deck & different valve angles on 1999+

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K553M835	83.50 / 3.287	0.020	3.346	5.234	1.201	52.0	-4cc	.031	.020	8.130	8.4	S641 20mm - .787 x 1.986	8350XX	301	1, 3
K553M84	84.00 / 3.307	0.040											8400XX	309	
K553M845	84.50 / 3.327	0.060											8450XX	315	
K590M835	83.50 / 3.287	0.020	3.346	5.234	1.201	52.0	7cc	.031	.020	8.130	9.9	S641 20mm - .787 x 1.986	8350XX	288	1
K590M84	84.00 / 3.307	0.040											8400XX	293	

Optional K1 Rod for Mazda 1.8 BP: Part # 028CC14133

Mazda Miata 1.6L 16V Turbo (B6)

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K554M785	78.50 / 3.090	0.020	3.287	5.234	1.258	36.0	-13cc	.043	+ .006	8.130	8.6	S623 20mm - .787 x 2.500	7850XX	275	1, 3
K554M79	79.00 / 3.110	0.040											7900XX	284	
K554M795	79.50 / 3.130	0.060											7950XX	292	

Mazda Duratec 2.0L 16V

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K628M875	87.50 / 3.445	Std.	3.268	5.758	1.122	42.0	-23cc	.020	.030	8.543	7.9	S656 21mm - .827 x 2.002	8750XX	309	1, 3
K628M88	88.00 / 3.464	0.020	83mm	146.25mm	28.5mm			.50mm	.76mm	217mm	8.0		8800XX	315	
K629M875	87.50 / 3.445	Std.	3.268	5.758	1.122	42.0	-7cc	.020	.030	8.543	9.9	S656 21mm - .827 x 2.002	8750XX	306	1, 3
K629M88	88.00 / 3.464	0.020	83mm	146.25mm	28.5mm			.50mm	.76mm	217mm	10.0		8800XX	311	
KE237M875	87.50 / 3.445	Std.	3.268	5.758	1.122	42.0	5.3cc	.020	.030	8.543	12.3	S656 21mm - .827 x 2.002	8750XX	338	1, 3
KE237M88	88.00 / 3.464	0.020	83mm	146.25mm	28.5mm			.50mm	.76mm	217mm	12.4		8800XX	343	

Optional K1 Rod for Ford Duratec Series: Part # 011BL16576

MAZDA / MERCEDES / MITSUBISHI

MAZDA (CONTINUED)

Mazda 2.3 Liter MZR (OE naturally aspirated) Not Mazdaspeed3 with 22.5mm pin

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K628M875	87.50 / 3.445	Std.	3.701	6.092	1.122	42.0	-23cc	.020	.030	9.095	8.8	S656 21mm -	8750XX	309	1, 3
K628M88	88.00 / 3.464	0.020	94mm	154.75mm	28.5mm			.50mm	.76mm	231mm	8.9	.827 x 2.002	8800XX	315	
K629M875	87.50 / 3.445	Std.	3.701	6.092	1.122	42.0	-7cc	.020	.030	9.095	11.0	S656 21mm -	8750XX	306	1, 3
K629M88	88.00 / 3.464	0.020	94mm	154.75mm	28.5mm			.50mm	.76mm	231mm	11.1	.827 x 2.002	8800XX	311	
KE257M875	87.50 / 3.445	Std.	3.701	6.092	1.122	42.0	5.3cc	.020	.030	9.095	12.5	S656 21mm -	8750XX	338	1, 3
KE257M88	88.00 / 3.464	0.020	94mm	154.75mm	28.5mm			.50mm	.76mm	231mm	12.6	.827 x 2.002	8800XX	343	

Optional K1 Rod for Mazda 2.3 Series: Part # 011BM16155

Mazda 2.3 Liter MZR DISI (OE DISI Turbo) Mazdaspeed 3 / Mazdaspeed 6

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note
K640M875	87.50 / 3.445	Std.	3.701	5.927	1.270	42.0	-13.3cc	.020	.040	9.095	9.8	S754 22.5mm	8750XX	342	1
K640M88	88.00 / 3.464	0.020	94mm	150.55mm	32.25mm			.50mm	1.0mm	231mm	9.9	-.886 x 2.362	8800XX	346	

Optional K1 Rod for Mazda 2.3 DISI Turbo: Part # 028CF19151

MERCEDES

Mercedes EVO 1 M102E23 • 2.3L 16V • Turbo (must use aftermarket 149mm rod, OEM rod is 145mm)

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note				
KE230M955	95.50 / 3.760	Std.	3.159	5.866	1.531	57.0	-10cc	.069	1.75mm		9.0	S710 22mm -	9550XX	468	1, G, P				
KE230M96	96.00 / 3.780	0.020											80.25mm	149mm		38.9cc	.866 x 2.500	9600XX	474
KE230M965	96.50 / 3.799	0.040																9650XX	479

Optional K1 Rod for M102E23 Series: Part # MBH5866BAGB4-A

Mercedes EVO 2 M102E25 • 2.5L 16V • Turbo

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note				
KE228M955	95.50 / 3.760	Std.	3.433	5.866	1.343	57.0	-10cc	.069	1.75mm		9.0	S710 22mm -	9550XX	398	1, P				
KE228M96	96.00 / 3.780	0.020											87.2mm	149mm		34.1mm	.866 x 2.500	9600XX	408
KE228M965	96.50 / 3.799	0.040																9650XX	413

Optional K1 Rod for M102E25 Series: Part # MBH5866BAGB4-A

MITSUBISHI DSM

FIRST GENERATION

Mitsubishi 4G63 2.0L Gen 1 • Lancer EVO 1-3/Eclipse/Galant VR-4 • 1988-92 • 6-Bolt

Kit Part #	Bore mm / Inch	Oversize	Stroke	Rod	Comp. Ht.	Head cc's	Volume	Gasket Thickness	Deck Clearance	Block Ht.	Comp. Ratio	Pin Part # (Included)	Ringset (Included)	Avg. Wt.	Foot- note				
<i>Includes .200" wall pin</i>																			
K559M85	85.00 / 3.346	Std.	3.465	5.906	1.378	47.0	-17cc	.042	1.1mm	0	9.015	S709 21mm -	8500XX	324	1				
K559M855	85.50 / 3.366	0.020											88mm	150mm		35mm	.827 x 2.500	8550XX	332
K559M86	86.00 / 3.386	0.040																8600XX	340
K559M865	86.50 / 3.405	0.060											8650XX	348					
K560M85	85.00 / 3.346	Std.	3.465	5.906	1.378	47.0	-10cc	.042	1.1mm	0	9.015	S709 21mm -	8500XX	343	1				
K560M855	85.50 / 3.366	0.020											88mm	150mm		35mm	.827 x 2.500	8550XX	349
K560M86	86.00 / 3.386	0.040																	8600XX
K560M865	86.50 / 3.405	0.060											8650XX	369					

Foot Notes (far right column)

- Most Wiseco Pistons have offset pins. (Pins must be offset, same as OEM, for quietest operation).
 - Due to compression height that may protrude above the deck, it is recommended that a 1.00mm thick head gasket is used.
 - Optional pin upgrade available.
 - Utilizes extra deep valve pockets to expand the range of I-Vtec with big cams and milled heads
 - These pistons have an oil ring groove that is lower than OE. Will not work with sleeves with access hole if the oil ring is not pinned in place.
- B - Build to order.
C - Stroker Kit for B25 stroker Crank.
D - Weight reduction possible.
E - With valve pockets online K557M Series.
G - Only with 2.5L connecting rods
H - Based on Volvo rod 23mm. Ford OEM 21mm.
- P - Piston guided rod, washer required.
Q - Oil Squirter modification required.
R - Pin 20mm, OEM = 20.65mm (13/16)