



FORD / COSWORTH



Ford Escort RS Turbo / Fiesta RS Turbo " 1.6L 8V " CVH / LNA																
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	
KE151M80	80.00 / 3.150	Std.	3.131 79.52mm	5.197 132mm	1.528 38.81mm	0.0	-5cc	.052 1.32mm			7.5	S730 20.63mm - .812 x 2.500	8000XX	338	1	
KE151M805	80.50 / 3.169	0.020											3169XC	344		
KE151M81	81.00 / 3.189	0.040											8100XX	349		
Ford 2.0 OHC / Pinto • SOHC 8V																
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	
KE221M9094	90.94 / 3.580	0.006	3.028 76.9mm	5.000 127mm	1.638 41.6mm	49.0	0	.040 1.0mm	.017 .43mm	8.169 207.5mm	9.2	S627 24mm - .945 x 2.500	9100XX	428	1	
KE221M915	91.50 / 3.602	0.028											9150XX	430		
KE221M92	92.00 / 3.622	0.047											9200XX	435		
KE221M93	93.00 / 3.661	0.087											9300XX	445		
KE221M935	93.50 / 3.681	0.106											9350XX	450		
KE221M94	94.00 / 3.701	0.126											9400XX	455		
Cosworth Sierra DOHC / Scorpio 2.0L 8V • N9C/N9E (OEM Pin size 20.63mm)																
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	
KE246M86	86.00 / 3.386	Std.	3.386	5.878	1.275	42.0	-13cc	.062	.013	8.858	8.5	S623 20mm - .787 x 2.500	8600XX	324	1, R	
KE246M865	86.50 / 3.405	0.500	86mm	149.3mm	32.38mm	42.0	-13cc	1.58mm	.32mm	225mm	8.5	.787 x 2.500	8650XX	319		
KE235M86	86.00 / 3.386	Std.	3.386	5.878	1.275	42.0	-25cc	.062	.013	8.858	10.3	S623 20mm - .787 x 2.500	8600XX	337	1, R	
KE235M865	86.50 / 3.405	0.500	86mm	149.3mm	32.38mm	42.0	-25cc	1.58mm	.32mm	225mm	10.3	.787 x 2.500	8650XX	332		

Optional K1 Rod for Ford DOHC Series: Part # 011EF14149

Cosworth Escort/Sierra (YB) 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	
KE103M91	91.00 / 3.583	0.007	3.028 76.9mm	5.060 128.52mm	1.606 40.8mm	45.0	-20.2cc	.040 1.0mm	+.011 +.28mm	8.169 207.5mm	8.0	S627 24mm - .945 x 2.500	9100XX	414	1	
KE103M915	91.50 / 3.602	0.027											9150XX	420		
KE103M92	92.00 / 3.622	0.046											9200XX	426		
KE103M925	92.50 / 3.642	0.086											9250XX	432		


Optional K1 Rod for Ford YB Series: Part # 011BP29129

Ford Duratec 2.0 Liter																
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	.018	.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	42.0	-23cc	.50mm	.76mm	217mm	8.0	.827 x 2.002	8800XX	315		
K629M875	87.50 / 3.445	Std.	3.268	5.758	1.122	42.0	-7cc	.018	.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	42.0	-7cc	.50mm	.76mm	217mm	10.0	.827 x 2.002	8800XX	311		
KE237M875	87.50 / 3.445	Std.	3.268	5.758	1.122	42.0	5.3cc	.018	.030	8.543	12.3	S656 21mm - .827 x 2.002	8750XX	338	1	
KE237M88	88.00 / 3.464	0.020	83mm	146.25mm	28.5mm	42.0	5.3cc	.50mm	.76mm	217mm	12.4	.827 x 2.002	8800XX	343		

Optional K1 Rod for Ford YB Series: Part # 011BP29129

Ford Duratec 2.3 Liter (OE naturally aspirated)																
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	.018	.030	9.095	8.9	S656 21mm - .827 x 2.002	8750XX	309	1	
K628M88	88.00 / 3.464	0.020	94mm	154.75mm	28.5mm	42.0	-23cc	.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	.018	.030	9.095	11.0	S656 21mm - .827 x 2.002	8750XX	306	1, B	
K629M88	88.00 / 3.464	0.020	94mm	154.75mm	28.5mm	42.0	-7cc	.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	.018	.030	9.095	12.5	S656 21mm - .827 x 2.002	8750XX	338	1	
KE257M88	88.00 / 3.464	0.020	94mm	154.75mm	28.5mm	42.0	5.3cc	.50mm	.76mm	231mm	12.6	.827 x 2.002	8800XX	343		

FORD / GENERAL MOTORS

 FORD (CONTINUED)

Ford Duratec 2.3 (OE DISI 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
K640M875	87.50 / 3.445	Std.	3.701	5.930	1.270	42.0	-13.3cc	.018	.040	9.095	9.5	S754 22.5mm - .886 x 2.362	8750XX	342	1
K640M88	88.00 / 3.464	0.020	94mm	150.75mm	32.25mm			.50mm	1.0mm	231mm			8800XX	347	

Ford Focus ST225/Mondeo ST220 2.5L 20V

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
KE327M83	83.00 / 3.268	Std.	3.669	5.630	1.201	51.0	-15.2cc	.063	+.004	8.661	8.5	23mm	8300XX	326	1, H
KE327M835	83.50 / 3.287	0.020	93.2mm	143mm	30.5mm			1.61mm	+.10mm	220mm			8350XX	331	
KE227M83	83.00 / 3.268	Std.	3.669	5.630	1.201	51.0	-13cc	.063	+.004	8.661	9.0	23mm	8300XX	330	1, H
KE227M835	83.50 / 3.287	0.020											93.2mm	143mm	
KE227M84	84.00 / 3.307	0.040											8400XX	340	

Optional K1 Rod for Ford RS Focus Series: Part # 044DW21143

 GENERAL MOTORS

GM Ecotec 2.2 Liter 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
K583M86	86.00 / 3.386	Std.	3.724	5.768	1.053	53.2	-8cc	.040	.017	8.700	8.9	S623 20mm - .787 x 2.500	8600XX	300	1, 3
K583M865	86.50 / 3.405	0.020	94.6mm	146.5mm	26.75mm			1.0mm	.43mm	221mm			8650XX	310	
K582M86	86.00 / 3.386	Std.	3.724	5.768	1.053	53.2	0	.040	.017	8.700	10.0	S623 20mm - .787 x 2.500	8600XX	276	1, 3
K582M865	86.50 / 3.405	0.020	94.6mm	146.5mm	26.75mm			1.0mm	.43mm	221mm			8650XX	283	

GM LD9 2.4L • 1996-2002

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
K584M90	90.00 / 3.543	Std.	3.701	5.709	1.181	61.5	-7.5	.040	0	8.740	9.0	S625 22mm - .866 x 2.500	9000XX	330	1, 3
K584M905	90.50 / 3.563	0.020	94mm	145mm	30mm			1.0mm	0	222mm			9050XX	335	

GM LNF 2.0L DI • 16V turbo 2007+ Solstice GXP, Sky Red line, '08+ Chevy HHR, Cobalt SS, Saab 9-3 2

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
K635M86	86.00 / 3.386	Std.	3.386	5.709	1.215	51.0	0	.025	.044	8.661	9.2	S752 23mm - .905 x 2.362	8600XX	359	1
K635M865	86.50 / 3.405	0.020											86mm	145mm	
K635M88 **	88.00 / 3.464	0.080											8800XX	387	

*** recommend sleeving for 88mm bore

GM 2ZZ Pontiac Vibe GT 1.8L 16V (also Celica and Lotus Elise, 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	

Foot Notes (far right column)

- 1 - Most Wiseco Pistons have offset pins. (Pins must be offset, same as OEM, for quietest operation).
 - 2 - Due to compression height that may protrude above the deck, it is recommended that a 1.00mm thick head gasket is used.
 - 3 - Optional pin upgrade available.
 - 4 - Utilizes extra deep valve pockets to expand the range of I-Vtec with big cams and milled heads
 - 6 - 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)