

## Lancia

Lancia Delta HF Integrale 16V										
Engine details 2.0 Ltr 16V										
Engine code:HF Integrale 16V • Displacement:1995 cc • Valves: 16 Head cc's:42,70 • OEM Comp. Ratio:7,5:1 • Block Ht.: Bore:84,00 • Stroke:90,00 • Rod Length:145,00 OEM Gskt Thickness:1,74										
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
<b>Standard compression</b>										
KE218M845	84,50	0,50	38,94	-20,5	-	7,5:1	22	8450XX	384	1
KE218M85	85,00	1,00	38,94	-20,5	-	7,5:1	22	8500XX	390	
KE218M855	85,50	1,50	38,94	-20,5	-	7,5:1	22	8550XX	394	
<b>High Performance turbo</b>										
KE219M845	84,50	0,50	38,94	-10	-	8,5:1	22	8450XX	384	1
KE219M85	85,00	1,00	38,94	-10	-	8,5:1	22	8500XX	390	
KE219M855	85,50	1,50	38,94	-10	-	8,5:1	22	8550XX	394	

## Lotus/MG/Rover

Elise/MGB/418 (K-Series engine)										
Engine details 1.8 Ltr 16V										
Engine code:K-Serie • Displacement:1796 cc • Valves: 16 Head cc's:32,00 • OEM Comp. Ratio:10,5:1 • Block Ht.:N/A Bore:80,00 • Stroke:89,30 • Rod Length:133,10 OEM Gskt Thickness:N/A										
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
<b>High compression</b>										
KE158M80	80,00	Std.	23,80	0,5	-	11,2:1	18	8000XX	258	1,A*
KE158M802	80,20	0,20	23,80	0,5	-	11,2:1	18	3169XC*	262	
KE158M805	80,50	0,50	23,80	0,5	-	11,2:1	18	3169XC	267	
KE158M81	81,00	1,00	23,80	0,5	-	11,2:1	18	8100XX	271	

Elise (Toyota engine)										
Engine details 1.8 Ltr 16V										
Engine code:ZZZ • Displacement:1794 cc • Valves: 16 Head cc's:38 • OEM Comp. Ratio:10,0:1 • Block Ht.:211,75 Bore:82,00 • Stroke:85,00 • Rod Length:137,90 OEM Gskt Thickness:0,50										
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
<b>Turbo conversion</b>										
K565M82	82,00	Std.	31,20	-16	0,15-	8,8-9,0:1	20	8200XX	284	1
<b>High compression</b>										
K569M82	82,00	Std.	31,20	2	0,15-	11,25:1	20	8200XX	319	1

## Mazda

323/MX-5 (BP engine)										
Engine details 1.8 Ltr 16V										
Engine code:BP/BPT/BP-4W/BP-Z3 • Displ.:1839 cc • Valves: 16 Head cc's:52,00 • OEM Comp. Ratio:10,0:1 • Block Ht.:206,50 Bore:83,00 • Stroke:85,00 • Rod Length:133,00 OEM Gskt Thickness:0,79										
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
<b>Turbo conversion</b>										
K553M835	83,50	0,50	30,50	-4	0,5-	8,5:1-8,8:1	20	83500XX	301	1
K553M84	84,00	1,00	30,50	-4	0,5-	8,5:1-8,8:1	20	8400XX	309	
K553M845	84,50	1,50	30,50	-4	0,5-	8,5:1-8,8:1	20	8450XX	315	
<b>Standard compression</b>										
K590M835	83,50	0,50	30,50	7	0,5-	10,0:1-10,3:1	20	8350XX	288	1
K590M84	84,00	1,00	30,50	7	0,5-	10,0:1-10,3:1	20	8400XX	293	

626										
Engine details 2.0 Ltr 16V										
Engine code:FS • Displacement:1999 cc • Valves: 16 Head cc's:38,00 • OEM Comp. Ratio:9,7:1 • Block Ht.:211,50 Bore:83,00 • Stroke:92,00 • Rod Length:135,25 OEM Gskt Thickness:0,81										
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
<b>Turbo conversion</b>										
K614M83	83,00	Std.	29,85	-16,5	0,4-	9,0:1	19	8300XX	283	1
K614M835	83,50	0,50	29,85	-16,5	0,4-	9,0:1	19	8350XX	292	
K614M84	84,00	1,00	29,85	-16,5	0,4-	9,0:1	19	8400XX	298	

Please download 'Notes.pdf' for technical notes.

Gasket(s)							Con. Rods & Cranks (K1)		Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit					
C4124-040	FLH5709AHGB4-A	-	-	-	-	-	-					
C4124-040	FLH5709AHGB4-A	-	-	-	-	-	-					
C4124-040	FLH5709AHGB4-A	-	-	-	-	-	-					
C4124-040	FLH5709AHGB4-A	-	-	-	-	-	-					
C4124-040	FLH5709AHGB4-A	-	-	-	-	-	-					
C4124-040	FLH5709AHGB4-A	-	-	-	-	-	-					

Gasket(s)							Con. Rods & Cranks (K1)		Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit					
-	-	-	-	-	-	-	-					
-	-	-	-	-	-	-	-					
-	-	-	-	-	-	-	-					
-	-	-	-	-	-	-	-					

Gasket(s)							Con. Rods & Cranks (K1)		Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit					
-	-	-	-	-	-	-	-					
-	-	-	-	-	-	-	-					

Gasket(s)							Con. Rods & Cranks (K1)		Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit					
-	ZH5234ACCB4-A	-	118-6401	-	218-4701	-	-					
-	ZH5234ACCB4-A	-	118-6401	-	218-4701	-	-					
-	ZH5234ACCB4-A	-	118-6401	-	218-4701	-	-					
-	ZH5234ACCB4-A	-	118-6401	-	218-4701	-	-					
-	ZH5234ACCB4-A	-	118-6401	-	218-4701	-	-					

Gasket(s)							Con. Rods & Cranks (K1)		Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit					
W6337	ZH5315AEAB4-A	-	-	-	218-4703	-	-					
W6337	ZH5315AEAB4-A	-	-	-	218-4703	-	-					
W6337	ZH5315AEAB4-A	-	-	-	218-4703	-	-					

Please download 'Technical.pdf' for technical details

## Mazda

3/5/6/MX-5										
Engine details 2.0 Ltr 16V										
Engine code: Duratec • Displacement:1998 • Valves: 16					Head cc's:42 • OEM Comp. Ratio:11,8:1 • Block Ht.:217,00					
Bore:87,50 • Stroke:83,00 • Rod Length:146,25					OEM Gskt Thickness:0,50					
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
Turbo conversion										
K628M875	87,50	Std.	28,50	-23	0,76-	8,8:1	21	8750XX	309	1
K628M88	88,00	0,50	28,50	-23	0,76-	8,8:1	21	8800XX	315	
K629M875	87,50	Std.	28,50	-7	0,76-	10,0:1	21	8750XX	306	1
K629M88	88,00	0,50	28,50	-7	0,76-	10,0:1	21	8800XX	311	
High compression										
KE237M875	87,50	Std.	28,50	5,3	0,76-	12,5:1	21	8750XX	-	1
KE237M88	88,00	0,50	28,50	5,3	0,76-	12,5:1	21	8800XX	-	
KE237M885	88,50	1,00	28,50	5,3	0,76-	12,5:1	21	8850XX	-	

MZR										
Engine details 2.3 Ltr 16V										
Engine code: MZR • Displacement:2261 cc • Valves: 16					Head cc's: 42,00 • OEM Comp. Ratio: 9,7:1 • Block Ht.: 231,00					
Bore:87,50 • Stroke: 94,00 • Rod Length: 154,75					OEM Gskt Thickness: 0,50					
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
Turbo conversion										
K628M875	87,50	Std.	28,50	-23	0,76-	8,8:1	21	8750XX	309	1
K628M88	88,00	0,50	28,50	-23	0,76-	8,8:1	21	8800XX	315	
High compression										
K629M875	87,50	Std.	28,50	-7	0,76-	11,0:1	21	8750XX	306	1
K629M88	88,00	0,50	28,50	-7	0,76-	11,0:1	21	8800XX	311	
High Performance compression (Race Piston)										
KE237M875	87,50	Std.	28,50	5,3	-0,76	13,3:1	21	8750XX	338	1
KE237M88	88,00	0,50	28,50	5,3	-0,76	13,3:1	21	8800XX	343	
KE237M885	88,50	1,00	28,50	5,3	-0,76	13,3:1	21	8850XX	349	

MZR Disi										
Engine details 2.3 Ltr 16V										
Engine code:MZR DISI • Displacement:2251 cc • Valves: 16					Head cc's:42,00 • OEM Comp. Ratio:9.5:1 • Block Ht.:231,00					
Bore:87,50 • Stroke:94,00 • Rod Length:150,75					OEM Gskt Thickness:0,50					
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
Standard compression										
K640M875	87,50	Std.	32,26	-13,3	1,00-	9,5:1	22,50	8750XX	340	1
K640M88	88,00	0,50	32,26	-13,3	1,00-	9,5:1	22,50	8800XX	344	

## Mercedes

EVO 1 M102E23										
Engine details 2.3 Ltr 16V										
Engine code:M102E23.983 • Displacement:2299 cc • Valves: 16					Head cc's:57 cc • OEM Comp. Ratio:9,7-10,5:1 • Block Ht.:N/A					
Bore:95,50 • Stroke:80,25 • Rod Length:145,00					OEM Gskt Thickness:N/A					
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
Turbo conversion to be used with K1 rod center to center 149,00 mm										
KE230M955	95,50	Std.	38,90	-10	-	9,0:1	22,00	9550XX	468	1,P,G
KE230M96	96,00	0,50	38,90	-10	-	9,0:1	22,00	9550XX	474	
KE230M965	96,50	1,00	38,90	-10	-	9,0:1	22,00	9650XX	479	

EVO 2 M102E25										
Engine details 2.5 Ltr 16V										
Engine code:M102E25 • Displacement:2499 cc • Valves: 16					Head cc's:57 cc • OEM Comp. Ratio:9,7:1 • Block Ht.:N/A					
Bore:95,50 • Stroke:87,20 • Rod Length:149,00					OEM Gskt Thickness:N/A					
Wiseco Piston Kit										
Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
Turbo conversion										
KE228M955	95,50	Std.	34,10	-10	-	9,0:1	22,00	9550XX	468	1,P
KE228M96	96,00	0,50	34,10	-10	-	9,0:1	22,00	9600XX	474	
KE228M965	96,50	1,00	34,10	-10	-	9,0:1	22,00	9650XX	479	

Gasket(s)							Con. Rods & Cranks (K1)			Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						
-	-	-	-	-	-	218-5402	-						

Gasket(s)							Con. Rods & Cranks (K1)			Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit						
C4481-030	-	-	-	-	-	218-5402	-						
C4481-030	-	-	-	-	-	218-5402	-						
C4481-030	-	-	-	-	-	218-5402	-						
C4481-030	-	-	-	-	-	218-5402	-						
C4481-030	-	-	-	-	-	218-5402	-						
C4481-030	-	-	-	-	-	218-5402	-						
C4481-030	-	-	-	-	-	218-5402	-						

Gasket(s)							Con. Rods & Cranks (K1)			Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit						
C4481-030	ZH5927AJGB4-A	-	-	-	-	-	-						
C4481-030	ZH5927AJGB4-A	-	-	-	-	-	-						

Gasket(s)							Con. Rods & Cranks (K1)			Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit						
-	MBH5866BAGB4-A	-	-	-	-	-	-						
-	MBH5866BAGB4-A	-	-	-	-	-	-						
-	MBH5866BAGB4-A	-	-	-	-	-	-						

Gasket(s)							Con. Rods & Cranks (K1)			Bolts & Studs (ARP)			
Gasket	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit						
-	MBH5866BAGB4-A	-	-	-	-	-	-						
-	MBH5866BAGB4-A	-	-	-	-	-	-						
-	MBH5866BAGB4-A	-	-	-	-	-	-						