

## Ford/Cosworth/Lotus

### Escort RS Turbo/Fiesta RS Turbo

#### Engine details 1.6 Ltr 8V

Engine code: CVH / LNA • Displacement: 1597 cc • Valves: 8 Head cc's: 0 • OEM Comp. Ratio: 8,3:1 • Block Ht.: N/A  
 Bore: 80,00 • Stroke: 79,52 • Rod Length: N/A 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 Performance</b>										
KE151M80	80,00	Std.	38,81	0	-	7,5:1	20.63	8000XX	338	1
KE151M805	80,50	0,50	38,81	0	-	7,5:1	20.63	8150XX	344	
KE151M81	81,00	1,00	38,81	0	-	7,5:1	20.63	8200XX	349	

### Pinto/OHC

#### Engine details 2.0 Ltr 8V

Engine code: OHC (Pinto SOHC) • Displacement: 1999 cc • Valves: 8 Head cc's: 49,00 • OEM Comp. Ratio: 9,2:1 • Block Ht.: 207,50  
 Bore: 90,80 • Stroke: 76,90 • Rod Length: 127,00 OEM Gskt Thickness: 1,00

#### 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>										
KE221M09094	90,94	0,14	41,60	0	0,46+	9,2:1	24	9100XX	450	1
KE221M915	91,50	0,70	41,60	0	0,46+	9,2:1	24	9150XX	455	
KE221M92	92,00	1,20	41,60	0	0,46+	9,2:1	24	9200XX	461	
KE221M93	93,00	2,20	41,60	0	0,46+	9,2:1	24	9300XX	465	
KE221M935	93,50	2,70	41,60	0	0,46+	9,2:1	24	9350XX	469	

### Escort RS2000/Sierra DOHC

#### Engine details 2.0 Ltr 8V & 16V

Engine code: Ford var. 8V & 16V engines • Displacement: 1998 • Head cc's: N/A • OEM Comp. Ratio: 10,3:1 • Block Ht.: N/A  
 Bore: 86,00 • Stroke: 86,00 • Rod Length: 149,30 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>Standard compression</b>										
KE235M86	86,00	Std.	-	-	-	10,3:1	20,63	8600XX	-	1

### Cosworth Escort/Sierra (YB)

#### Engine details 2.0 Ltr 16V

Engine code: Cosworth YB • Displacement: 1993 cc • Valves: 16 Head cc's: N/A • OEM Comp. Ratio: 8,0:1 • Block Ht.: 207,50  
 Bore: 91,82 • Stroke: 76,90 • Rod Length: 128,52 OEM Gskt Thickness: 1,00

#### 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>										
KE103M91	91,00	0,18	40,80	-20,2	0,27+	8,0:1	24	9100XX	414	1
KE103M915	91,50	0,68	40,80	-20,2	0,27+	8,0:1	24	9150XX	420	
KE103M92	92,00	1,18	40,80	-20,2	0,27+	8,0:1	24	9200XX	426	
KE103M925	92,50	2,18	40,80	-20,2	0,27+	8,0:1	24	9300XX	432	
KE103M93	93,00	3,18	40,80	-20,2	0,27+	8,0:1	24	9400XX	438	

### Zetec 2.0

#### Engine details 2.0 Ltr 16V

Engine code: Zetec 2,0 • Displacement: 1983 cc • Valves: 16 Head cc's: 44 • OEM Comp. Ratio: 10,0:1 • Block Ht.: 213,00  
 Bore: 84,80 mm • Stroke: 88,00 • Rod Length: 140,80 OEM Gskt Thickness: 0,69

#### 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 for 92 mm stroker crank</b>										
KE236M86	86,00 mm	1,20	26,20	-	0	12,5:1	19	8600XX	-	1,B

### Duratec 2.0

#### 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: 87,5 • 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
<b>Turbo conversion</b>										
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	
<b>High Performance turbo</b>										
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	

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

Gasket(s) Gasket	Con. Rods & Cranks (K1)		Bolts & Studs (ARP)				
	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit
C4218-040/C4350-051	FH5000AJABB4-A	-	151-6001	-	151-4201	151-5401	-
C4218-040/C4350-051	FH5000AJABB4-A	-	151-6001	-	151-4201	151-5401	-
C4218-040/C4350-051	FH5000AJABB4-A	-	151-6001	-	151-4201	151-5401	-
C4218-040/C4350-051	FH5000AJABB4-A	-	151-6001	-	151-4201	151-5401	-
C4218-040/C4350-051	FH5000AJABB4-A	-	151-6001	-	151-4201	151-5401	-

Gasket(s) Gasket	Con. Rods & Cranks (K1)		Bolts & Studs (ARP)				
	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit
-	FH5878AHCB4-A	-	-	-	-	-	-

Gasket(s) Gasket	Con. Rods & Cranks (K1)		Bolts & Studs (ARP)				
	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit
C4218-040/C4350-051	FH5059AJABB4-A	-	-	251-6301	251-4701	-	-
C4218-040/C4350-051	FH5059AJABB4-A	-	-	251-6301	251-4701	-	-
C4218-040/C4350-051	FH5059AJABB4-A	-	-	251-6301	251-4701	-	-
C4218-040/C4350-051	FH5059AJABB4-A	-	-	251-6301	251-4701	-	-
C4218-040/C4350-051	FH5059AJABB4-A	-	-	251-6301	251-4701	-	-

Gasket(s) Gasket	Con. Rods & Cranks (K1)		Bolts & Studs (ARP)				
	Connecting Rods	Crank	Rod Bolts HP7840	Rod Bolts ARP2000	Head Stud Kit	Main Stud Kit	Main Bolt Kit
C4279-027	-	Z920ZETEC-B	151-6005	-	251-4702	151-5404	-

Gasket(s) Gasket	Con. Rods & Cranks (K1)		Bolts & Studs (ARP)				
	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	-

## Ford/Cosworth/Lotus

### Duratec 2.0 (continued)

#### High compression

Kit Part #	Bore (mm)	Over size	Comp. Ht.	Dome/Dish cc's	Deck Clr.	Comp Ratio	Pin Ø	Ring #	Gram	Foot Notes
KE237M875	87,50	Std.	28,5	5,3	0,76-	12,5:1	21	8750XX	338	1
KE237M88	88,00	0,50	28,5	5,3	0,76-	12,5:1	21	8800XX	343	
KE237M885	88,50	1,00	28,5	5,3	0,76-	12,5:1	21	8850XX	349	

### Duratec 2.3

#### Engine details 2.3 Ltr 16V

Engine code: Duratec 2,3 • 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
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#### 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	

### Focus RS

#### Engine details 2.5 Ltr 20V

Engine code:ST Turbo • Displacement:2522 cc • Valves: 20 Head cc's:51 • OEM Comp. Ratio:9,0:1 • Block Ht.:N/A  
Bore:83,00 • Stroke:93,20 • Rod Length:143 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
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#### Standard compression

KE227M83	83,00	Std.	30,50	0	0,1+	9,0:1	23	8300XX	330	1,H
KE227M835	83,50	0,50	30,50	0	0,1+	9,0:1	23	8350XX	335	
KE227M84	84,00	1,000	30,50	0	0,1+	9,0:1	23	8400XX	340	

## Honda

### D16Z6/D16Y7 as in Civic SOHC 92+

#### Engine details 1.6 Ltr 16V

Engine code:D16Z6/D16Y7 • Displacement:1590 cc • Valves: 16 Head cc's:34,60 • OEM Comp. Ratio:9,3:1 • Block Ht.:212,00  
Bore:75,00 • Stroke:90,00 • Rod Length:137,00 OEM Gskt Thickness:0,71

#### 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
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#### Turbo conversion

K546M755	75,50	0,50	29,80	-15,4	0,18-	8,5:1	19	7550XX	232	1
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### D16Y8 as in Civic SOHC '96-00

#### Engine details 1.6 Ltr 16V

Engine code:D16Y8 • Displacement:1590 cc • Valves: 16 Head cc's:32,80 • OEM Comp. Ratio:9,6:1 • Block Ht.:212,00  
Bore:75,00 • Stroke:90,00 • Rod Length:137,00 OEM Gskt Thickness:0,71

#### 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
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#### Turbo conversion

K543M75	75,00	Std.	29,15	-14	0,84-	8,5:1-9,0:1	19	7500XX	232	1
K543M755	75,50	0,50	29,15	-14	0,84-	8,5:1-9,0:1	19	7550XX	230	

### B16A as in Civic SI (Must use at least a 1.00 mm thick gasket)

#### Engine details 1.6 Ltr 16V

Engine code:B16A • Displacement:1595 • Valves: 16 Head cc's:42,70 • OEM Comp. Ratio:10,2:1 • Block Ht.:203,00  
Bore:81,00 • Stroke:77,40 • Rod Length:134,40 OEM Gskt Thickness:0,75

#### 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
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#### Standard compression

K542M81	81,00	Std.	29,85	-4 FT	0,56-	9,7:1-10,2:1	21	8100XX	268	1,2
K542M815	81,50	0,50	29,85	-4 FT	0,56-	9,7:1-10,2:1	21	8150XX	276	
K542M82	82,00	1,00	29,85	-4 FT	0,56-	9,7:1-10,2:1	21	8200XX	281	

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	-

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	-

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
W6085/W6170	-	-	-	-	208-4301	-	-

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
W6085/W6170	-	-	-	-	208-4305	-	-
W6085/W6170	-	-	-	-	208-4305	-	-

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
W6167	HH5433ACFB4	-	-	208-6401	208-4303	208-5403	-
W6167	HH5433ACFB4	-	-	208-6401	208-4303	208-5403	-
W6167	HH5433ACFB4	-	-	208-6401	208-4303	208-5403	-