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replacement parts suitable for

PERKINS®

The ENGINE BOOK **3,4,6**

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CYLINDERS



All from **1** *source*



October 2015

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PROMO 103

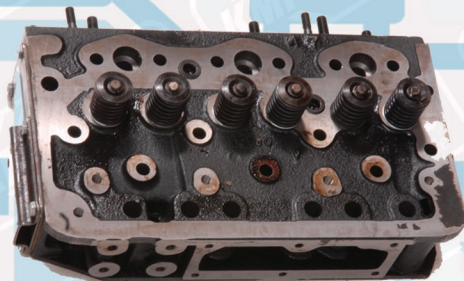




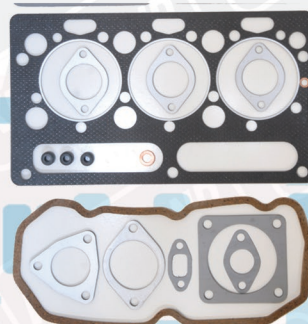
TIMING COVER



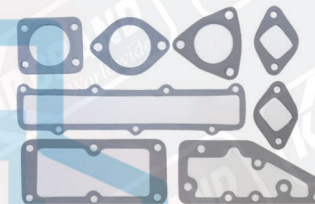
CON ROD BUSHING
CAMSHAFT BUSH



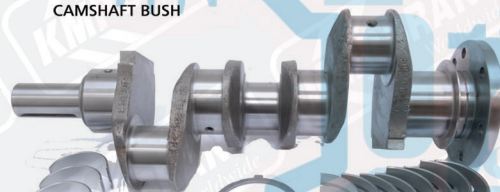
CYLINDER HEAD



GASKET KIT UPPER 3 CYL



PUSH ROD



CRANKSHAFT, MAIN BEARINGS AND THRUST WASHER



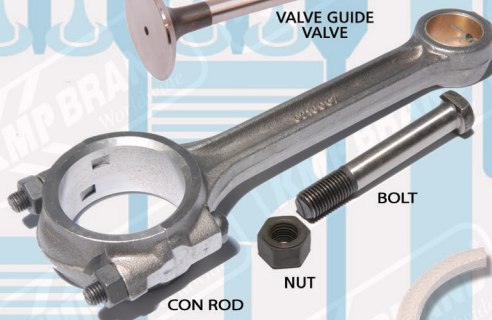
TAPPET



VALVE GUIDE
VALVE



VALVE SEAL
VALVE SPRING
VALVE LOCKS



CON ROD



NUT

BOLT



ROPE SEAL



RING GEAR



ELECTRONIC FUEL PUMP



FUEL PUMP

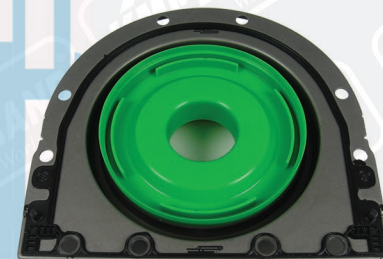
CYLINDER KIT



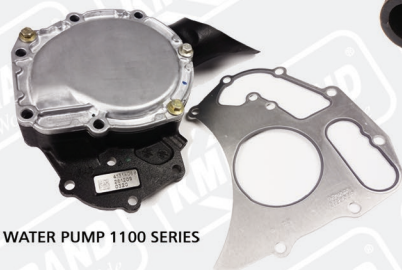
LIP SEAL



FRONT CRANK SEAL



REAR SEAL WITH HOUSING
1100 SERIES



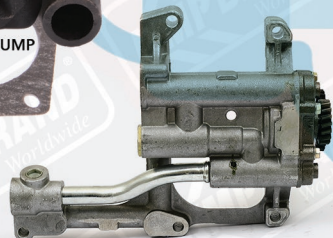
WATER PUMP 1100 SERIES



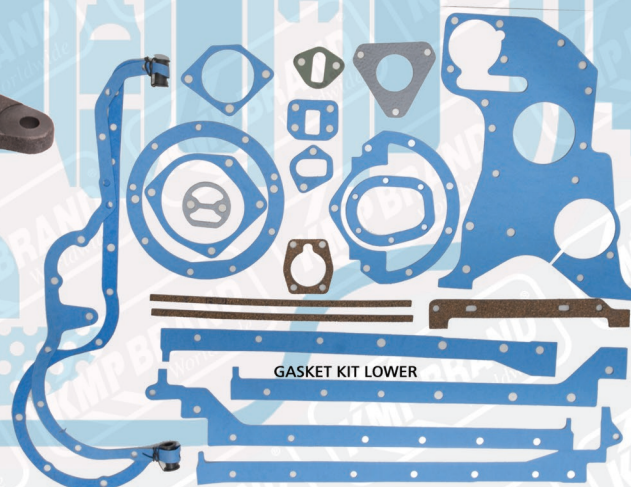
WATER PUMP



OIL PUMP



OIL PUMP 1100 ONLY



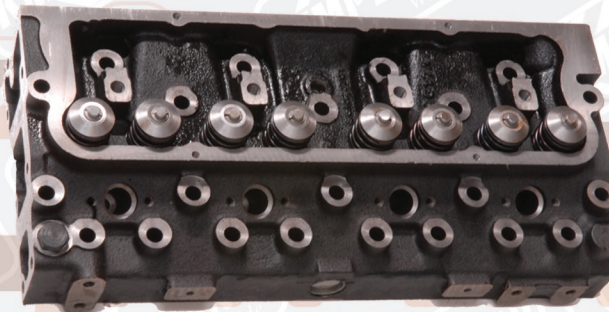
GASKET KIT LOWER



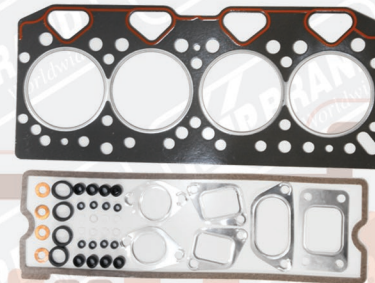
3 CYLINDERS



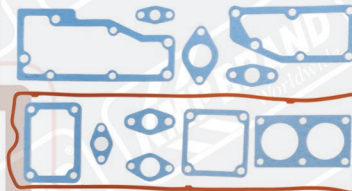
CON ROD BUSHING
CAMSHAFT BUSH



CYLINDER HEAD



GASKET KIT UPPER 4 CYL



PUSH ROD



TAPPET



VALVE GUIDE
VALVE



VALVE SEAL
VALVE SPRING
VALVE LOCKS



CRANKSHAFT, MAIN BEARINGS AND THRUST WASHER



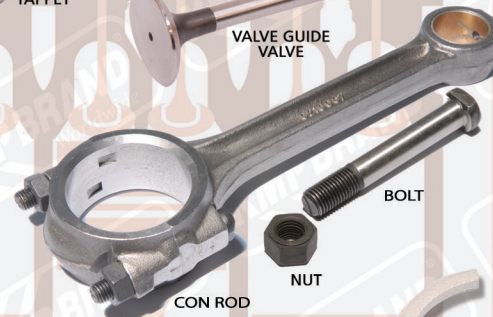
ELECTRONIC FUEL PUMP



CRANKSHAFT, MAIN BEARINGS AND THRUST WASHER



VALVE GUIDE
VALVE



CON ROD

BOLT

NUT



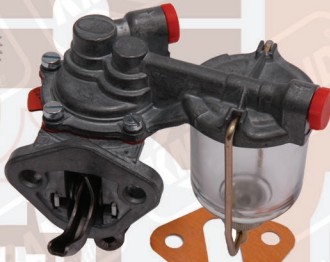
ROPE SEAL



RING GEAR



BALANCER UNIT



FUEL PUMP



CYLINDER KIT



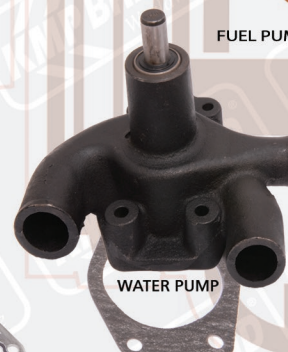
LIP SEAL



REAR SEAL WITH HOUSING
1100 SERIES



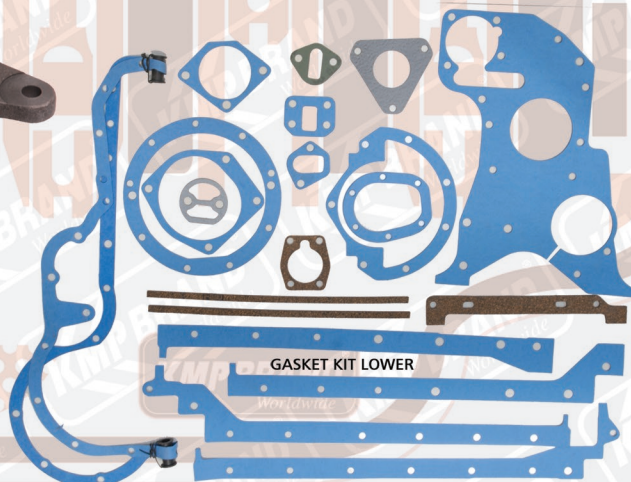
FRONT CRANK SEAL



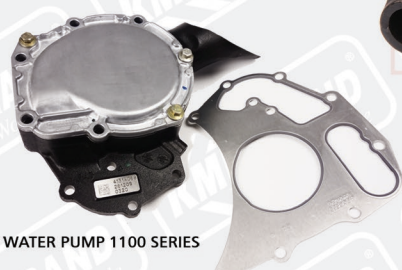
WATER PUMP



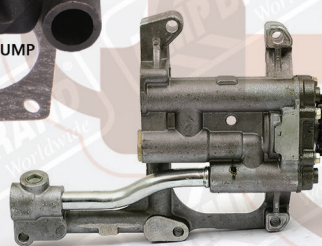
OIL PUMP



GASKET KIT LOWER



WATER PUMP 1100 SERIES



OIL PUMP 1100 ONLY



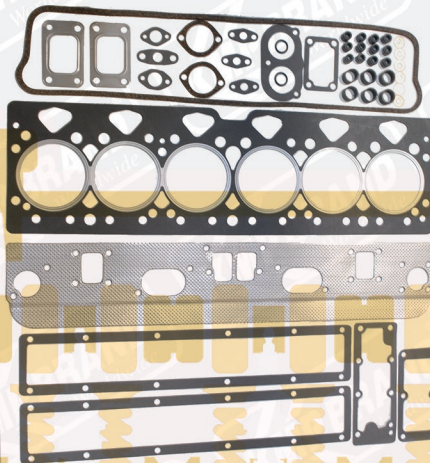
4 CYLINDERS



CON ROD BUSHING
CAMSHAFT BUSH



6 CYL CON ROD BEARING SET



GASKET KIT UPPER 6 CYL



PUSH ROD



TAPPET



VALVE GUIDE
VALVE



VALVE SEAL
VALVE SPRING
VALVE LOCKS

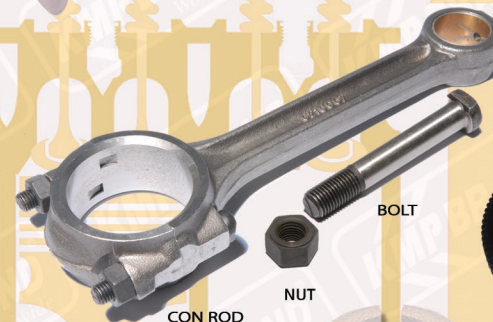


ELECTRONIC FUEL PUMP



6 CYL MAIN BEARING SET

CYLINDER KIT



CON ROD

BOLT

NUT



RING GEAR



THRUSH WASHER KIT SET OF 4



FUEL PUMP



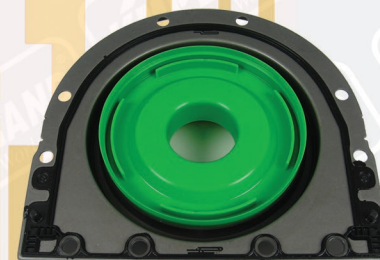
ROPE SEAL



FRONT CRANK SEAL



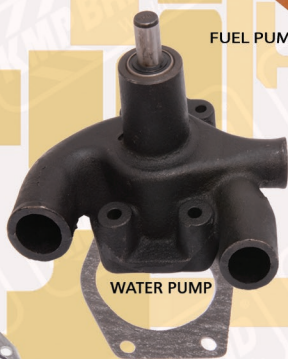
LIP SEAL



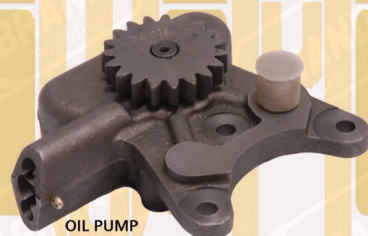
REAR SEAL WITH HOUSING
1100 SERIES



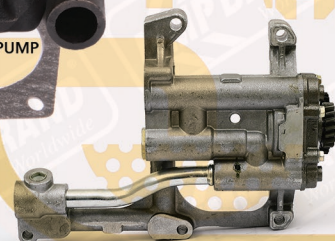
WATER PUMP 1100 SERIES



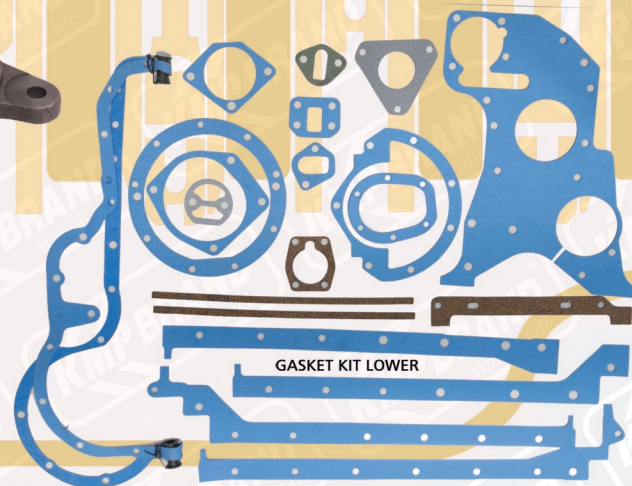
WATER PUMP



OIL PUMP



OIL PUMP 1100 ONLY



GASKET KIT LOWER



6 CYLINDERS



IT'S A WHOLE NEW WORLD!



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Spare parts suitable for

Caterpillar • Komatsu • Cummins • Detroit Diesel • Perkins • Navistar
Ford CNH • Massey Ferguson • John Deere • Case IH



ENGINE INDEX

PAGE NO	ENGINE	CYL	BORE DIA.	BUILD LIST NO
2	A3.152	3	91.49 MM	CD
5	AD3.152	3	91.49 MM	CE
9	403C-15	3	84.00 MM	HL, HLC, HLG
9	403C-17	3	84.00 MM	HM
12	403D-15	3	84.00 MM	GK
12	403D-15T	3	84.00 MM	GL
12	403D-17	3	84.00 MM	GS
15	1103A-33	3	105.00 MM	DJ
15	1103A-33T	3	105.00 MM	DK
15	1103B-33	3	105.00 MM	DF
15	1103B-33T	3	105.00 MM	DG
15	1103C-33	3	105.00 MM	DC
15	1103C-33T	3	105.00 MM	DD
15	1103C-33TA	3	105.00 MM	DE
19	903.27/27T	3	95.00 MM	CP, CR
20	A3.144	3	88.92 MM	CB
21	AT3.152.4	3	91.49 MM	CN
22	A4.203	4	91.49 MM	JD
24	AD4.203	4	91.49 MM	JE
28	A4.212	4	98.48 MM	LA
31	A4.236	4	98.48 MM	LD
36	AT4.236	4	98.48 MM	LJ
40	A4.248	4	101.05 MM	LF
46	404C-22	4	84.00 MM	HP, HPC, HPG,
46	404C-22T	4	84.00 MM	HR, HRC
49	404D-22	4	84.00 MM	GN
49	404D-22T	4	84.00 MM	GP
49	404D-22TA	4	84.00 MM	GR
52	1004.40	4	100.00 MM	AJ, AP
55	1004.40T	4	100.00 MM	AK, AM
58	1004.4T	4	100.00 MM	AH
61	1004.42	4	103.00 MM	AR, AS
64	1104A-44	4	105.00 MM	RR
64	1104A-44T	4	105.00 MM	RS
64	1104A-44TA	4	105.00 MM	RT
68	1104C-44	4	105.00 MM	RE
68	1104C-44T	4	105.00 MM	RG
68	1104C-44TA	4	105.00 MM	RJ
68	1104C-E44	4	105.00 MM	RF
68	1104C-E44T	4	105.00 MM	RH
68	1104C-E44TA	4	105.00 MM	RK
74	1104D-44	4	105.00 MM	NK
77	1104D-44T	4	105.00 MM	NL
79	1104D-44TA	4	105.00 MM	NM
82	1104D-E44T	4	105.00 MM	NH
84	1104D-E44TA	4	105.00 MM	NJ
87	20C	4	80.98 MM	
88	23C	4	84.14 MM	
89	A4.107	4	79.38 MM	

PAGE NO	ENGINE	CYL	BORE DIA.	BUILD LIST NO
90	A4.192	4	88.92 MM	
91	A4.318	4	114.31 MM	NC
92	A4.318.2	4	114.31 MM	ND
93	P4000	4	101.05 MM	
94	P4000T	4	101.05 MM	
95	P4001	4	101.05 MM	
96	P4001T	4	101.05 MM	
97	85 MM PETROL	4	85.00 MM	
98	87MM PETROL	4	87.00 MM	
99	4.41	4	101.05 MM	LM
100	A6.354	6	98.48 MM	TC
102	A6.354.1	6	98.48 MM	TG
104	A6.354.4	6	98.48 MM	TW
106	AT6.354.4	6	98.48 MM	TU
108	1006.6	6	100.00 MM	YA
111	1006.6T	6	100.00 MM	YB, YC, YD
115	1006.60	6	100.00 MM	YG
118	1006.60T	6	100.00 MM	YH, YJ
122	1106C-E60TA	6	100.00 MM	VK
125	1106C-E66TA	6	100.00 MM	PK
128	1106D-E66TA	6	100.00 MM	PJ
131	AT6.354	6	98.48 MM	TE
132	AT6.354.1	6	98.48 MM	TH
133	ATC6.354.1	6	98.48 MM	TT

A = AIR TO AIR CHARGE COOLING
C = COMPENSATED
D = DIRECT INJECTION
E = ELECTRONIC
P = TIMING CHAIN
T = TURBOCHARGED

A3.152 ENGINE BORE : 91.49MM

BUILD LIST NO : CD

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings Rope Seal)	ZZ90023	1
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90078	1
Crankshaft Pulley	31143733	1
Crankshaft Gear	31163495	1
Front Seal	2415344	1
Rear Seal (Rope type)	36883106	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Rope Seal & Gasket	USMK0401	1
Rear Housing	42422034	1
Main Bearing Kit STD	68084	1
Main Bearing Kit .010	68084A	1
Main Bearing Kit .020	68084B	1
Main Bearing Kit .030	68084C	1
Thrust Washer Kit STD	U5TW0003	1
Thrust Washer Kit .007	U5TW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90011	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bushing	31134151	3
Conrod Bearing Kit STD	85036	1
Conrod Bearing Kit .010	85036A	1
Conrod Bearing Kit .020	85036B	1
Conrod Bearing Kit .030	85036C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (Chrome Liner)	USMK0064	3
Piston, Pin & Rings (For Chrome Liner)	68503	3
Piston & Pin	81512	3
Piston Ring Set	41158058	3
Full Liner (Chrome)	31358308	3
Cylinder Kit (Cast Iron Liner)	USMK0033	3
Piston, Pin & Rings (For Cast Iron Liner)	68502	3
Piston & Pin	81512	3
Piston Ring Set (Inner Sprung Oil Ring)	41158057	3
Full Liner (Cast iron)	31358345	3
Semi-finished Liner (Cast iron)	31358323	3
Piston Ring Set (Duaflex)	68501	3

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80048	1
Valve, Inlet	31431261	3
Valve, Exhaust	0910002	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Tappet	0860012	6

CYL.BLOCK & COMPONENTS	PART No	QTY
Timing Cover	ZZ90039	1
Timing Cover	37354312	1
Camshaft Bushing	31134128	1
Idler Gear	4111A015	1
Idler Gear	31164362	1
Drain Cock	2461104	1
Oil Seal	30854	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0012	1
Gasket Kit Cylinder Block	U5LB0010	1
Head Gasket (Copper)	36812122	1
Valve Cover Gasket	0490491	1
Oil Pan Gasket	U5LB0501	1
Rear Housing Gskt(Rope seal)	36817134	1
Rear Housing Gskt (Lip seal)	33826115	1
Exhaust Manifold Gasket	36833167	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314078	1
Oil Pump Gear	41115086	1
Oil Filter	26540132	1
Oil Filter Assy	2654026	1
Oil Filter Head	37764251	1

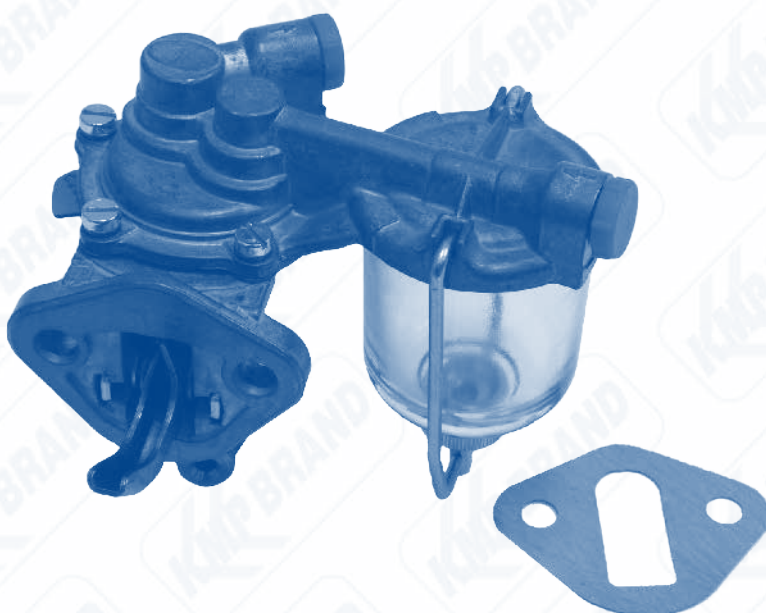
A3.152 ENGINE BORE : 91.49MM

BUILD LIST NO : CD

FUEL SYSTEM	PART No	QTY
Fuel Pump (2 Hole With Glass Bowl)	ULPK0018	1
Fuel Pump (2 Hole)	ULPK0006	1
Fuel Pump Repair Kit	26410042	1
Fuel Pump Repair Kit	26410056	1
Primary Fuel Filter	32327	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Injector Bolt	0095315	3
Washer	0921176	3
Copper Washer	0920113	3
Fuel Tank Cap	963023M2	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	41312487	1
Water Pump (With Pulley)	41312784	1
Water Pump (Without Pulley)	U5MW0023	1
Water Pump Repair Kit	U7LW0104	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1
Mainfold Exhaust	37781251	1



IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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A3.152 ENGINE EOK KIT LISTS

BUILD LIST NO : CD

EOK KIT P/N : 11010722 DESCRIPTION	OPTION A PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0064	3
Valve, Inlet	31431261	3
Valve, Exhaust	0910002	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT0012	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0064 Consists of :		
Piston, Pin & Clips	81512	1
Ring Set	41158058	1
Liner	31358308	1

EOK KIT P/N : 11010723 DESCRIPTION	OPTION B PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0033	3
Valve, Inlet	31431261	3
Valve, Exhaust	0910002	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT0012	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0033 Consists of :		
Piston, Pin & Clips	81512	1
Ring Set	41158057	1
Liner	31358345	1

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AD3.152 ENGINE BORE : 91.49 MM

BUILD LIST NO : CE

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings Rope Seal)	ZZ90023	1
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90078	1
Crankshaft Pulley	31143733	1
Crankshaft Gear	31163495	1
Front Seal	2415344	1
Front Seal	2418F437	1
Rear Seal (Rope type)	36883106	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Rope Seal & Gasket	U5MK0401	1
Rear Housing	41422034	1
Main Bearing Kit STD	68084	1
Main Bearing Kit .010	68084A	1
Main Bearing Kit .020	68084B	1
Main Bearing Kit .030	68084C	1
Thrust Washer Kit STD	U5TW0003	1
Thrust Washer Kit .007	U5TW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90010	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bushing	31134151	3
Conrod Bearing Kit STD	85036	1
Conrod Bearing Kit .010	85036A	1
Conrod Bearing Kit .020	85036B	1
Conrod Bearing Kit .030	85036C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (Cast Iron Liner)	U5MK0034	3
Piston, Pin & Rings	68504	3
Piston & Pin	68332	3
Piston ring Set (Inner Sprung Oil Ring)	41158057	3
Full Liner (Cast Iron)	31358345	3
Semi Finished Liner (Cast Iron)	31358323	3
Cylinder Kit (Cast Iron Liner)	U5MK0117	3
Piston, Pin & Rings	U5PR0002	3
Piston & Pin	89214	3
Piston Ring Set	41158065	3
Full Liner (Cast Iron)	31358345	3
Semi Finished Liner (Cast Iron)	31358323	3
Piston Ring Set (Duaflex)	68501	3
Piston & Pin (Alfin)	68332AL	3

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80082	1
Valve, Inlet (45 Deg Angle)	31431281	3
Valve, Inlet (35 Deg Angle)	31431681	3
Valve, Exhaust (45 Deg Angle)	31431591	3
Valve, Exhaust (35 Deg Angle)	31431011	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Tappet	0860012	6

CYL.BLOCK & COMPONENTS	PART No	QTY
Timing Cover	ZZ90039	1
Timing Cover	37354312	1
Camshaft	31415361	1
Camshaft Bushing	31134128	1
Idler Gear	4111A015	1
Idler Gear	31164362	1
Drain Cock	2461104	1
Oil Seal	30854	1
Heater Plug	2666108	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Head (Copper)	11050031	1
Gasket Kit Cylinder Block	U5LB0010	1
Gasket Kit Cylinder Block	747187M91	1
Head Gasket	3681E024	1
Head Gasket (Copper)	36812127	1
Valve Cover Gasket	36811115	1
Oil Pan Gasket	21826370	1
Oil Pan Gasket	U5LB0501	1
Rear Housing Gskt(Rope type)	36817134	1
Rear Housing Gskt(Lip type)	33826115	1
Exhaust Manifold Gasket	36862143	1

AD3.152 ENGINE BORE : 91.49 MM

AD3.152 ENGINE BORE : 91.49 MM

BUILD LIST NO : CE

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314078	1
Oil Pump Gear	41115086	1
Oil Filter	26540132	1
Oil Filter Assy	2654026	1
Oil Filter Head	37764251	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1
Manifold Exhaust	37781571	1
Manifold Exhaust	37781251	1
Manifold Exhaust	37781341	1

FUEL SYSTEM	PART No	QTY
Fuel Pump (2 Hole W/Glass Bowl)	ULPK0018	1
Fuel Pump (2 Hole)	ULPK0006	1
Fuel Pump (4 Hole)	ULPK0004	1
Fuel Pump Repair Kit	26410042	1
Fuel Pump Repair Kit	26410056	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Pipe Kit Consists of:	11060047	1
Pipe No 1	35342023	1
Pipe No 2	35342024	1
Pipe No 3	35342025	1
Injector Bolt	0095315	3
Washer	0921176	3
Injector Nozzle	BDLL150S6372	3
Copper Washer	0921173	3
Fuel Tank Cap (Economy)	963023M2	1
Fuel Tank Cap	1695732M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	41312487	1
Water Pump (With Pulley)	41312784	1
Water Pump (Without Pulley)	U5MW0023	1
Water Pump Repair Kit	U7LW0104	1
Water Pump Seal	2418M004	1
By Pass Hose	U5MH0006	1
Inlet Hose	U5MH0001	1



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AD3.152 ENGINE EOK KIT LISTS

BUILD LIST NO : CE

ENGINE: AD3.152 EOK KIT P/N : 11010714	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0034	3
Valve, Inlet	31431281	3
Valve, Exhaust	31431591	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD3.152 EOK KIT P/N : 11010715	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0034	3
Valve, Inlet	31431681	3
Valve, Exhaust	31431011	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD3.152 EOK KIT P/N : 11010716	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0117	3
Valve, Inlet	31431281	3
Valve, Exhaust	31431591	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0117 Consists of :		
Piston, Pin & Clips	89214	1
Ring Set	41158065	1
Liner	31358345	1

ENGINE: AD3.152 EOK KIT P/N : 11010717	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0117	3
Valve, Inlet	31431681	3
Valve, Exhaust	31431011	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0117 Consists of :		
Piston, Pin & Clips	89214	1
Ring Set	41158065	1
Liner	31358345	1

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AD3.152 ENGINE BORE : 91.49 MM

AD3.152 ENGINE EOK KIT LISTS

BUILD LIST NO : CE

ENGINE: AD3.152 EOK KIT P/N : 11010718	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0034	3
Valve, Inlet	31431281	3
Valve, Exhaust	31431591	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD3.152 EOK KIT P/N : 11010720	OPTION G	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0117	3
Valve, Inlet	31431281	3
Valve, Exhaust	31431591	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0117 Consists of :		
Piston, Pin & Clips	89214	1
Ring Set	41158065	1
Liner	31358345	1

ENGINE: AD3.152 EOK KIT P/N : 11010719	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0034	3
Valve, Inlet	31431681	3
Valve, Exhaust	31431011	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD3.152 EOK KIT P/N : 11010721	OPTION H	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68084	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bearing Kit STD	85036	1
Cylinder Kit	U5MK0117	3
Valve, Inlet	31431681	3
Valve, Exhaust	31431011	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Camshaft Bushing	31134128	1
Gasket Kit Cylinder Head	U5LT1138	1
Gasket Kit Cylinder Block	U5LB0010	1
Cylinder Kit U5MK0117 Consists of :		
Piston, Pin & Clips	89214	1
Ring Set	41158065	1
Liner	31358345	1

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403C-15/17 ENGINE BORE : 84 MM

BUILD LIST NO : HL, HLC, HLG, HM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (C/W Bearings 403C-15)	11010598	1
Crankshaft Kit (W/O Bearings 403C-15)	115256950	1
Crankshaft Kit (C/W Bearings 403C-17)	11010600	1
Crankshaft Kit (W/O Bearings 403C-17)	115256760	1
Crankshaft Pulley	115397350	1
Crankshaft Gear (403C-17)	115276200	1
Crankshaft Gear (403C-15)	U15276270	1
Front Seal	198636160	1
Rear Seal (403C-15)	198636170	1
Rear Seal (403C-17)	050209083	1
Main Bearing Kit STD	198586050	1
Main Bearing Kit .25mm	198586054	1
Main Bearing Kit .50mm	198586057	1
Thrust Washer Kit STD	199266200	2

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (403C-15)	115026251	3
Connecting Rod (403C-17)	115026330	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bushing	198517265	3
Conrod Bearing Kit STD	198586080	1
Conrod Bearing Kit .25mm	198586084	1
Conrod Bearing Kit .50mm	198586087	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (403C-15)	11010602	3
Piston, Pin & Rings STD (403C-15)	115017541	3
Piston & Pin STD (403C-15)	115017541-NR	3
Piston, Pin & Rings .50mm (403C-15)	115017541B	3
Piston & Pin .50mm (403C-15)	115017541B-NR	3
Piston Ring Set STD (403C-15)	115107970	3
Piston Ring Set .50mm (403C-15)	115107970B	3
Repair Liner	11010603	3
Cylinder Kit (403C-17)	11010605	3
Piston, Pin & Rings STD (403C-17)	115017491	3
Piston & Pin STD (403C-17)	115017491-NR	3
Piston, Pin & Rings .50mm (403C-17)	115017491B	3
Piston & Pin .50mm (403C-17)	115017491B-NR	3
Piston Ring Set STD (403C-17)	115107970	3
Piston Ring Set .50mm (403C-17)	115107970B	3
Repair Liner	11010603	3

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (403C-15)	TPN650	1
Cylinder Head (403C-15)	111018050	1
Cylinder Head (403C-17)	111011250	1
Valve, Inlet	120166390	3
Valve, Inlet .005mm	120166390 +.005	3
Valve, Exhaust	120176400	3
Valve, Exhaust .005mm	120176400 +.005	3
Valve Collet	120226070	12
Valve Seat, Inlet	U10136460	3
Valve Seat Exhaust	U10136470	3
Valve Spring (403C-15)	198217470	6
Valve Spring (403C-17)	198216700	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Push Rod	120456250	6
Tappet	120116160	6

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft	120026520	1
Camshaft Bushing STD	198517222	1
Camshaft Bushing .25 mm	198517226	1
Camshaft Bushing .50 mm	198517229	1
Camshaft Gear (Small 403C-15)	120736081	1
Camshaft Gear (Large)	120016050	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit (Complete overhaul)	U5LC0018	1
Gasket Kit (Complete overhaul 403C-15)	U5LC0019	1
Head Gasket 1.4mm	111147501	1
Head Gasket 1.3mm	111147491	1
Valve Cover Gasket	111996410	1
Oil Pan Gasket	110996910	1
Exhaust Manifold Gasket	135996590	1
Exhaust Manifold Gasket (403C-15)	135996541	1

403C-15/17 ENGINE BORE : 84 MM

403C-15/17 ENGINE BORE : 84 MM

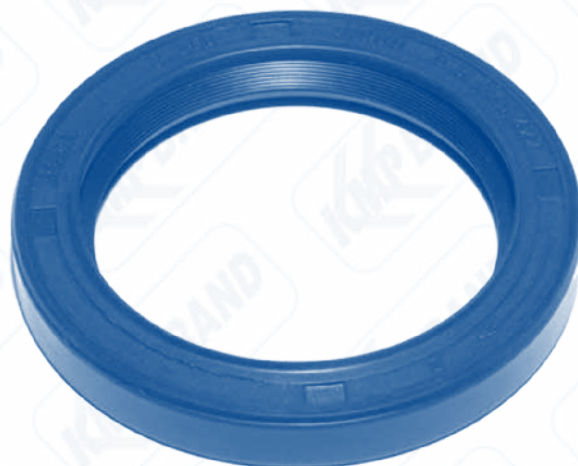
BUILD LIST NO : HL, HLC, HLG, HM

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	U5MK8266	1
Oil Filter Assy	140517050	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	130506351	1
Primary Fuel Filter	26561117	1
Fuel Filter Head & Assembly	2656613	1
Fuel Line No.1 (403C-15)	131507601	1
Fuel Line No.1 (403C-17)	131507700	1
Fuel Line No.2 (403C-15)	131507611	1
Fuel Line No.2 (403C-17)	131507710	1
Fuel Line No.3 (403C-15)	131507621	1
Fuel Line No.3 (403C-17)	131507720	1
Injector Nozzle	131406490	3
Injector Nozzle (403C-15)	131406500	3

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	145017951	1
Water Pump Pulley	145336620	1
Thermostat	145206182	1

MISCELLANEOUS	PART No	QTY
Ring Gear	U15376040	1
Manifold Exhaust (403C-15)	135617000	1



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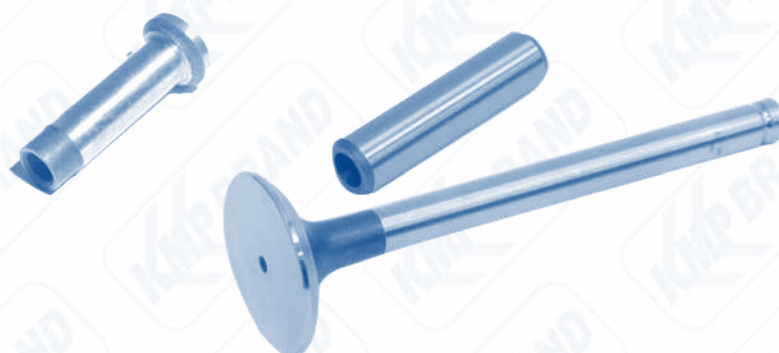
403C-15/17 ENGINE EOK KIT LISTS

BUILD LIST NO : HL, HLC, HLG, HM

ENGINE: 403C-15 EOK KIT P/N : 11010616	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	198636170	1
Main Bearing Kit STD	198586050	1
Thrust Washer Kit STD	199266200	2
Conrod Bushing	198517265	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bearing Kit STD	198586080	1
Piston, Pin, Clips & Rings	115017541	3
Valve, Inlet	120166390	3
Valve, Exhaust	120176400	3
Valve Collet	120226070	12
Valve Spring	198217470	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Camshaft Bushing STD	198517222	1
Gasket Kit Complete Overhaul	U5LC0018	1

ENGINE: 403C-15 EOK KIT P/N : 11010617	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	198636170	1
Main Bearing Kit STD	198586050	1
Thrust Washer Kit STD	199266200	2
Conrod Bushing	198517265	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bearing Kit STD	198586080	1
Piston, Pin, Clips & Rings STD	115017541	3
Valve, Inlet	120166390	3
Valve, Exhaust	120176400	3
Valve Collet	120226070	12
Valve Spring	198217470	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul)	U5LC0019	1

ENGINE: 403C-17 EOK KIT P/N : 11010615	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	050209083	1
Main Bearing Kit STD	198586050	1
Thrust Washer Kit STD	199266200	2
Conrod Bushing	198517265	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bearing Kit STD	198586080	1
Piston, Pin, Clips & Rings STD	115017491	3
Valve, Inlet	120166390	3
Valve, Exhaust	120176400	3
Valve Collet	120226070	12
Valve Spring	198216700	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Camshaft Bushing STD	198517222	1
Gasket kit Complete Overhaul	U5LC0018	1



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403C-15/17 ENGINE BORE : 84 MM

403D-15/15T/17 ENGINE BORE : 84 MM

BUILD LIST NO : GK, GL, GS

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit		
(C/W Bearings 403D-15/15T)	11010598	1
Crankshaft Kit		
(Without Bearings 403D-15/15T)	115256950	1
Crankshaft Kit		
(C/W Bearings 403D-17)	11010599	1
Crankshaft Kit		
(Without Bearings 403D-17)	115257020	1
Crankshaft Pulley	115397350	1
Crankshaft Gear	U15276270	1
Front Seal	198636160	1
Rear Seal (403D-15/15T)	198636170	1
Rear Seal (403D-17)	050209083	1
Main Bearing Kit STD	198586050	1
Main Bearing Kit .25mm	198586054	1
Main Bearing Kit .50mm	198586057	1
Thrust Washer Kit STD	199266200	2

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	115026251	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bushing	198517265	3
Conrod Bearing Kit STD	198586080	1
Conrod Bearing Kit .25mm	198586084	1
Conrod Bearing Kit .50mm	198586087	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (403D-15)	11010602	3
Piston, Pin & Rings STD (403D-15)	115017541	3
Piston & Pin STD (403D-15)	115017541-NR	3
Piston, Pin & Rings .50mm (403D-15)	115017541B	3
Piston & Pin .50mm (403D-15)	115017541B-NR	3
Piston Ring Set STD (403D-15)	115107970	3
Piston Ring Set .50mm (403D-15)	115107970B	3
Repair Liner	11010603	3
Cylinder Kit (403D-15T)	11010604	3
Piston, Pin & Rings STD (403D-15T)	115017551	3
Piston & Pin STD (403D-15T)	115017551-NR	3
Piston, Pin & Rings .50mm (403D-15T)	115017551B	3
Piston & Pin .50mm (403D-15T)	115017551B-NR	3
Piston Ring Set STD (403D-15T)	115104021	3
Piston Ring Set .50mm (403D-15T)	115104021B	3
Repair Liner	11010603	3

CYLINDER KIT & COMPONENTS (Continued)	PART No	QTY
Cylinder Kit (403D-17)	11010605	3
Piston, Pin & Rings STD (403D-17)	115017491	3
Piston & Pin STD (403D-17)	115017491-NR	3
Piston, Pin & Rings .50mm (403D-17)	115017491B	3
Piston & Pin .50mm (403D-17)	115017491B-NR	3
Piston Ring Set STD (403D-17)	115107970	3
Piston Ring Set .50mm (403D-17)	115107970B	3
Repair Liner	11010603	3

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (403D-15/15T)	111011050	1
Cylinder Head (403D-17)	111011460	1
Valve, Inlet	120166390	3
Valve, Inlet .005mm	120166390 +.005	3
Valve, Exhaust	120176400	3
Valve, Exhaust .005mm	120176400 +.005	3
Valve Collet	120226070	12
Valve Seat, Inlet	U10136470	3
Valve Seat Exhaust	U10136460	3
Valve Spring	198216700	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Push Rod	120456250	6
Tappet	120116160	6

CYL BLOCK & COMPONENTS	PART No	QTY
Camshaft	120026870	1
Camshaft Bushing STD	198517222	1
Camshaft Bushing .25 mm	198517226	1
Camshaft Bushing .50mm	198517229	1
Camshaft Gear (Large)	120016210	1
Camshaft Gear (Large 403D-17)	120016290	1
Camshaft Gear (Large 403D-17)	120736081	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit (Complete Overhaul)	11050111	1
Head Gasket 1.4mm	111147501	1
Head Gasket 1.3mm	111147491	1
Valve Cover Gasket	111996410	1
Oil Pan Gasket	110996910	1
Exhaust Manifold Gasket (403D-15/15T)	135997120	1
Exhaust Manifold Gasket (403D-17)	135996590	1

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403D-15/15T/17 ENGINE BORE : 84 MM

BUILD LIST NO : GK, GL, GS

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	U5MK8267	1
Oil Filter	140517050	1
Oil Cooler (403D-15/15T)	2486A218	1

FUEL SYSTEM	PART No	QTY
Fuel Pump (403D-15)	130506351	1
Fuel Pump (403D-15T)	130506351	1
Fuel Pump (403D-15T)	485510011	1
Fuel Pump (403D-17)	130506351	1
Fuel Pump (403D-17)	TPN920	1
Primary Fuel Filter	26561117	1
Fuel Filter Head & Assembly	2656613	1
Fuel Line No.1 (403D-15)	131507601	1
Fuel Line No.1 (403D-15)	131507450	1
Fuel Line No.1 (403D-15T)	131507601	1
Fuel Line No.1 (403D-17)	131507700	1
Fuel Line No.2 (403D-15)	131507611	1
Fuel Line No.2 (403D-15)	131507460	1
Fuel Line No.2 (403D-15T)	131507611	1
Fuel Line No.2 (403D-17)	131507710	1
Fuel Line No.3 (403D-15)	131507621	1
Fuel Line No.3 (403D-15)	131507470	1
Fuel Line No.3 (403D-15T)	131507621	1
Fuel Line No.3 (403D-17)	131507720	1
Injector Nozzle	131406490	3

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U45010062	1
Water Pump Pulley	145336620	1
Thermostat	145206230	1

TURBOCHARGER	PART No	QTY
Turbocharger (403D-15T)	135756220	1

MISCELLANEOUS	PART No	QTY
Ring Gear	U15376040	1
Manifold Exhaust (403D-15/15T)	135997120	1
Manifold Exhaust (403D-17)	135996590	1

403D-15/15T/17 ENGINE BORE : 84 MM

403D-15/15T/17 ENGINE EOK KIT LISTS

BUILD LIST NO : GK, GL, GS

ENGINE: 403D-15 EOK KIT P/N : 11010612	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	198636170	1
Main Bearing Kit STD	198586050	1
Thrust Washer Kit STD	199266200	2
Conrod Bushing	198517265	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bearing Kit STD	198586080	1
Piston, Pin, Clips & Rings STD	115017541	3
Valve, Inlet	120166390	3
Valve, Exhaust	120176400	3
Valve Collet	120226070	12
Valve Spring	198216700	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul)	11050111	1

ENGINE: 403D-17 EOK KIT P/N : 11010614	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	050209083	1
Main Bearing Kit STD	198586050	1
Thrust Washer Kit STD	199266200	2
Conrod Bushing	198517265	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bearing Kit STD	198586080	1
Piston, Pin, Clips & Rings STD	115017491	3
Valve, Inlet	120166390	3
Valve, Exhaust	120176400	3
Valve Collet	120226070	12
Valve Spring	198216700	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul)	11050111	1

ENGINE: 403D-15T EOK KIT P/N : 11010613	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	198636170	1
Main Bearing Kit STD	198586050	1
Thrust Washer Kit STD	199266200	2
Conrod Bushing	198517265	3
Conrod Bolt	115176140	6
Conrod Nut	020109120	6
Conrod Bearing Kit STD	198586080	1
Piston, Pin, Clips & Rings STD	115017551	3
Valve, Inlet	120166390	3
Valve, Exhaust	120176400	3
Valve Collet	120226070	12
Valve Spring	198216700	6
Valve Stem Seal Inlet	U20406140	3
Valve Stem Seal Exhaust	U20406140	3
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul)	11050111	1

403D-15/15T/17 ENGINE BORE : 84 MM

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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1103 SERIES ENGINE BORE : 105.00 MM

1103A-33 : DJ 1103A-33T : DK 1103B-33 : DF 1103B-33T : DG 1103C-33 : DC 1103C-33T : DD 1103C-33TA : DE

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	4181V017	1
Crankshaft Pulley (1103A-33, 1103B-33)	3114P071	1
Crankshaft Pulley (1103A-33T)	3114V061	1
Crankshaft Pulley (1103B-33)	3114P071	1
Crankshaft Pulley (1103B-33T, 1103C-33, 1103C-33T)	3114V041	1
Crankshaft Pulley (1103C-33TA)	3115T051	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0037	1
Main Bearing Kit .25mm	U5MB0037A	1
Main Bearing Kit .50mm	U5MB0037B	1
Main Bearing Kit .75mm	U5MB0037C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (Grade F)	4115C311	3
Connecting Rod (Grade G)	4115C312	3
Connecting Rod (Grade H)	4115C313	3
Connecting Rod (Grade J)	4115C314	3
Connecting Rod (Grade K)	4115C315	3
Connecting Rod (Grade L)	4115C316	3
Conrod Bolt	3212V003	6
Conrod Bushing	3112A005	3
Conrod Bearing Kit STD	U5ME0033	1
Conrod Bearing Kit .25mm	U5ME0033A	1
Conrod Bearing Kit .50mm	U5ME0033B	1
Conrod Bearing Kit .75mm	U5ME0033C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (1103A-33, 1103B-33, 1103C-33)	11010651	3
Piston, Pin & Rings STD (1103A-33, 1103B-33, 1103C-33)	4115P011	3
Piston, Pin & Rings .50mm	4115P012	3
Piston, Pin & Rings 1.00mm	4115P013	3
Piston & Pin STD	11010377	3
Piston & Pin .50mm	11010377B	3
Piston & Pin 1.00mm	11010377D	3
Piston Ring Set STD	UPRK0003	3
Piston Ring Set .50mm	UPRK0003B	3
Piston Ring Set 1.00mm	UPRK0003D	3
Full Liner	11010524	3

CYLINDER KIT & COMPONENTS (Continued)	PART No	QTY
Cylinder Kit (1103A-33T)	11010652	3
Piston, Pin & Rings STD (1103A-33T)	4115P025	3
Piston, Pin & Rings .50mm	4115P026	3
Piston, Pin & Rings 1.00mm	4115P027	3
Piston & Pin STD	11010380	3
Piston & Pin .50mm	11010380B	3
Piston & Pin 1.00mm	11010380D	3
Piston Ring Set STD	UPRK0002	3
Piston Ring Set .50mm	UPRK0002B	3
Piston Ring Set 1.00mm	UPRK0002D	3
Full Liner	11010524	3
Cylinder Kit (1103B-33T, 1103C-33T, 1103C-33TA)	11010653	3
Piston, Pin & Rings STD (1103B-33T, 1103C-33T, 1103C-33TA)	4115P015	3
Piston, Pin & Rings .50mm	4115P016	3
Piston, Pin & Rings 1.00mm	4115P017	3
Piston & Pin STD	11010372	3
Piston & Pin .50mm	11010372B	3
Piston & Pin 1.00mm	11010372D	3
Piston Ring Set STD	UPRK0002	3
Piston Ring Set .50mm	UPRK0002B	3
Piston Ring Set 1.00mm	UPRK0002D	3
Full Liner	11010524	3
Cylinder Kit (1103C-33)	11010654	3
Piston, Pin & Rings STD (1103C-33)	4115P021	3
Piston, Pin & Rings .50mm	4115P022	3
Piston, Pin & Rings 1.00mm	4115P023	3
Piston & Pin STD	11010373	3
Piston & Pin .50mm	11010373B	3
Piston & Pin 1.00mm	11010373D	3
Piston Ring Set STD	UPRK0003	3
Piston Ring Set .50mm	UPRK0003B	3
Piston Ring Set 1.00mm	UPRK0003D	3
Full Liner	11010524	3
Semi Finished Liner	11010383	3

1103 SERIES ENGINE BORE : 105.00 MM

1103 SERIES ENGINE BORE : 105.00 MM

1103A-33 : DJ 1103A-33T : DK 1103B-33 : DF 1103B-33T : DG 1103C-33 : DC 1103C-33T : DD 1103C-33TA : DE

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (1103A-33, 1103B-33)	4181V039	1
Cylinder Head (1103A-33T, 1103B-33T, 1103C-33, 1103C-33T, TA)	4181V041	1
Valve, Inlet	3142H071	3
Valve, Exhaust	3142A151	3
Valve Collet	3142W004	12
Valve Guide Inlet	3313A012	3
Valve Guide Exhaust	3313A012	3
Valve Seat, Inlet	3314A241	3
Valve Seat Exhaust	3314A231	3
Valve Spring	3174A016	6
Valve Stem Seal Inlet	2418M519	3
Valve Stem Seal Exhaust	2418M517	3
Push Rod	31434307	6
Tappet	3142U991	6

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	4181V018	1
Timing Cover	4142A503	1
Camshaft	4112K047	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117N001	1
Idle Gear	4111A034	1
Glow Plug	2666A016	3
Piston Cooling Nozzle	2113A003	3

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0355	1
Gasket Kit Cylinder Block	U5LB0379	1
Head Gasket	3681E049	1
Valve Cover Gasket	3681A057	1
Oil Pan Gasket	3681K038	1
Exhaust Manifold Gasket	3681V513	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump (1103A-33)	4132F073	1
Oil Pump (1103A-33T, 1103B-33, 1103B-33T)	4132F072	1
Oil Pump (1103C-33, 1103C-33T, 1103C-33TA)	4132F072	1
Oil Pump (1103C-33, 1103C-33T, 1103C-33TA)	4132F071	1
Oil Filter	2654403	1
Oil Filter Head (1103A-33, 1103A-33T, 1103B-33, 1103B-33T, 1103C-33, 1103C-33T)	3773A061	1
Oil Filter Head (1103C-33TA)	3773A071	1
Oil Cooler (1103A-33T, 1103B-33, 1103B-33T, 1103C-33, 1103C-33T, 1103C-33TA)	2486A241	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	4132A016	1
Primary Fuel Filter	26560163	1
Fuel Line NO.1 (1103A-33, 1103A-33T)	3525A134	1
Fuel Line NO.2 (1103A-33, 1103A-33T)	3525A135	1
Fuel Line NO.3 (1103A-33, 1103A-33T)	3525A136	1
Fuel Line NO.1 (1103B-33, 1103B-33T, 1103C-33T, 1103C-33TA)	3525A114	1
Fuel Line NO.2 (1103B-33, 1103B-33T, 1103C-33T, 1103C-33TA)	3525A115	1
Fuel Line NO.3 (1103B-33, 1103B-33T, 1103C-33T, 1103C-33TA)	3525A116	1
Fuel Line NO.1 (1103C-33)	3525A111	1
Fuel Line NO.2 (1103C-33)	3525A112	1
Fuel Line NO.3 (1103C-33)	3525A113	1
Leak Off Pipe	2646E501	1
Washer	26460064	3
Injector with Nozzle (1103A-33, 1103B-33, 1103C-33)	2645K016	3
Injector with Nozzle (1103A-33T)	2645K022	3
Injector with Nozzle (1103B-33T, 1103C-33T, 1103C-33TA)	2645K017	3
Injector Nozzle (1103A-33T)	2645K616	3
Injector with Nozzle (1103B-33T, 1103C-33T, 1103C-33TA)	2645K611	3
Copper Washer	L311FF02	3

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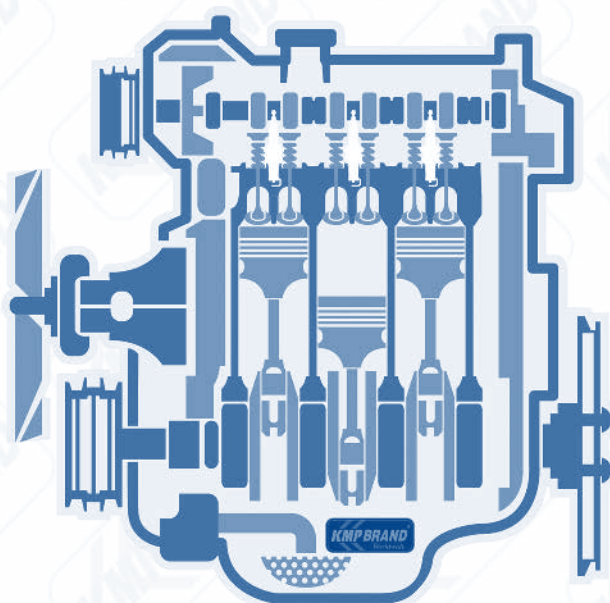
1103 SERIES ENGINE BORE : 105.00 MM

1103A-33 : DJ 1103A-33T : DK 1103B-33 : DF 1103B-33T : DG 1103C-33 : DC 1103C-33T : DD 1103C-33TA : DE

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0208	1
Water Pump Repair Kit	U7LW0174	1
Thermostat	2485C041	1

TURBOCHARGER	PART No	QTY
Turbocharger (1103C-33T, 1103C-33TA, 1103B-33T)	2674A405	1
Turbocharger (1103C-33T, 1103A-33T)	2674A405	1
Turbocharger (1103A-33T)	2674A423	1
Turbocharger (1103A-33T)	2674A431	1
Turbocharger (1103D-33T, 1103D-33TA)	2674A721	1
Turbocharger (1103D-33TA)	2674A722	1

MISCELLANEOUS	PART No	QTY
Ring Gear (1103A-33,1103A-33T)	31162121	1
Ring Gear (1103C-33,1103C-33T,1103C-33TA)	0410236	1
Manifold Exhaust (1103A-33T,1103B-33 1103B-33T,1103C-33,1103C-33T/TA)	3778C111	1
Manifold Exhaust (1103A-33)	3778C121	1



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1103 SERIES ENGINE EOK KIT LISTS

1103A-33 : DJ 1103A-33T : DK 1103B-33 : DF 1103B-33T : DG 1103C-33 : DC 1103C-33T : DD 1103C-33TA : DE

ENGINE: 1103A-33T EOK KIT P/N : 11010657	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0037	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	3
Conrod Bolt	3212V003	6
Conrod Bearing Kit STD	U5ME0033	1
Piston, Pin, Clips & Rings STD	4115P025	3
Valve, Inlet	3142H071	3
Valve, Exhaust	3142A151	3
Valve Collet	3142W004	12
Valve Guide Inlet	3313A012	3
Valve Guide Exhaust	3313A012	3
Valve Spring	3174A016	6
Valve Stem Seal Inlet	2418M519	3
Valve Stem Seal Exhaust	2418M517	3
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0355	1
Gasket Kit Cylinder Block	U5LB0379	1

ENGINE: 1103B-33T, 1103C-33T, 1103C-33TA EOK KIT P/N : 11010655	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0037	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	3
Conrod Bolt	3212V003	6
Conrod Bearing Kit STD	U5ME0033	1
Piston, Pin, Clips & Rings STD	4115P015	3
Valve, Inlet	3142H071	3
Valve, Exhaust	3142A151	3
Valve Collet	3142W004	12
Valve Guide Inlet	3313A012	3
Valve Guide Exhaust	3313A012	3
Valve Spring	3174A016	6
Valve Stem Seal Inlet	2418M519	3
Valve Stem Seal Exhaust	2418M517	3
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0355	1
Gasket Kit Cylinder Block	U5LB0379	1

ENGINE: 1103A/B/C EOK KIT P/N : 11010656	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0037	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	3
Conrod Bolt	3212V003	6
Conrod Bearing Kit STD	U5ME0033	1
Piston, Pin, Clips & Rings STD	4115P011	3
Valve, Inlet	3142H071	3
Valve, Exhaust	3142A151	3
Valve Collet	3142W004	12
Valve Guide Inlet	3313A012	3
Valve Guide Exhaust	3313A012	3
Valve Spring	3174A016	6
Valve Stem Seal Inlet	2418M519	3
Valve Stem Seal Exhaust	2418M517	3
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0355	1
Gasket Kit Cylinder Block	U5LB0379	1

ENGINE: 1103C-33 EOK KIT P/N : 11010658	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0037	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	3
Conrod Bolt	3212V003	6
Conrod Bearing Kit STD	U5ME0033	1
Piston, Pin, Clips & Rings STD	4115P021	3
Valve, Inlet	3142H071	3
Valve, Exhaust	3142A151	3
Valve Collet	3142W004	12
Valve Guide Inlet	3313A012	3
Valve Guide Exhaust	3313A012	3
Valve Spring	3174A016	6
Valve Stem Seal Inlet	2418M519	3
Valve Stem Seal Exhaust	2418M517	3
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0355	1
Gasket Kit Cylinder Block	U5LB0379	1

903.27/27T ENGINE BORE : 95.00 MM

BUILD NO : CP, CR

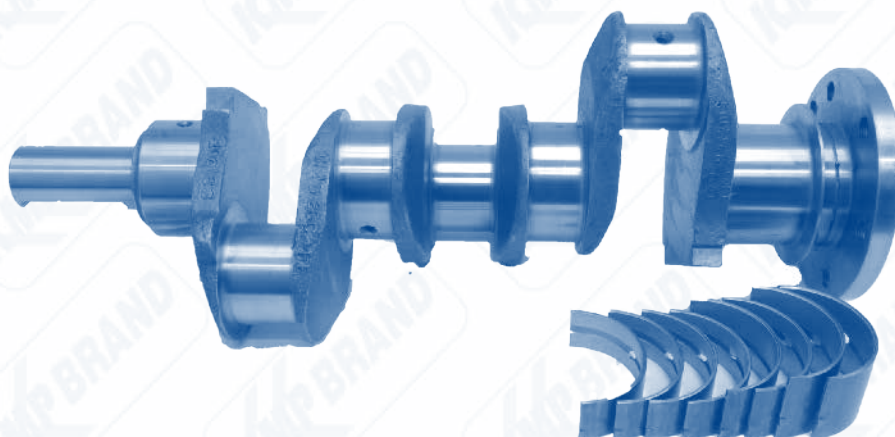
CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	2415344	1
Front Seal (Leather)	2414111	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1

CYL.BLOCK & COMPONENTS	PART No	QTY
Idle Gear	4111A015	1

GASKET KITS & GASKETS	PART No	QTY
Oil Pan Gasket	4224458M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314078	1
Oil Pump Gear	41115086	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0004	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter (903.27T)	26561117	1



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903.27/27T ENGINE BORE : 95.00 MM

A3.144 ENGINE BORE : 88.92 MM

BUILD LIST NO : CB

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit Rope Seal (Inc. Bearings)	ZZ90023	1
Crankshaft Kit Lip Seal (Inc. Bearings)	ZZ90078	1
Crankshaft Pulley	31143733	1
Crankshaft Gear	31163495	1
Front Seal	2415344	1
Rear Seal (Rope type)	36883106	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Rope Seal & Gasket	U5MK0401	1
Rear Housing	41422034	1
Main Bearing Kit STD	68084	1
Main Bearing Kit .010	68084A	1
Main Bearing Kit .020	68084B	1
Main Bearing Kit .030	68084C	1
Thrust Washer Kit STD	U5TW0003	1
Thrust Washer Kit .007	U5TW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bearing Kit STD	85036	1
Conrod Bearing Kit .010	85036A	1
Conrod Bearing Kit .020	85036B	1
Conrod Bearing Kit .030	85036C	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80048	1
Valve, Inlet	31431261	3
Valve, Exhaust	0910002	3
Valve Collet	0230001	12
Valve Guide Inlet	3316A031	3
Valve Guide Exhaust	3316A031	3
Valve Spring Outer	0780006	6
Tappet	0860012	6

CYL.BLOCK & COMPONENTS	PART No	QTY
Timing Cover	ZZ90039	1
Timing Cover	37354312	1
Idle Gear	4111A015	1
Idle Gear	31164362	1
Drain Cock	2461104	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0012	1
Gasket Kit Cylinder Block	U5LB0010	1
Head Gasket (Copper)	36812122	1
Valve Cover Gasket	0490491	1
Oil Pan Gasket	U5LB0501	1
Oil Pan Gasket	4224458M1	1
Rear Housing Gasket	36817134	1
Exhaust Manifold Gasket	36833167	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314078	1
Oil Pump Gear	41115086	1
Oil Filter	26540132	1

FUEL SYSTEM	PART No	QTY
Fuel Pump (2 Hole With Glass Bowl)	ULPK0018	1
Fuel Pump (Two Hole)	ULPK0006	1
Fuel Pump Repair Kit	26410042	1
Fuel Pump Repair Kit	26410056	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter	32327	1
Primary Fuel Filter	26561117	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	0995260	1
Fuel Tank Cap	963023M2	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	41312784	1
Water Pump (With Pulley)	41312487	1
Water Pump (Without Pulley)	U5MW0023	1
Water Pump Repair Kit	U7LW0104	1
By Pass Hose	U5MH0006	1
Inlet Hose	U5MH0001	1

MISCELLANEOUS	PART No	QTY
Mainfold Exhaust	37781251	1

AT3.152.4 ENGINE BORE : 91.49 MM

BUILD LIST NO : CN

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Pulley	31143733	1
Front Seal	2415344	1
Rear Seal	2418F475	1
Main Bearing Kit STD	68084	1
Main Bearing Kit .010	68084A	1
Main Bearing Kit .020	68084B	1
Main Bearing Kit .030	68084C	1
Thrust Washer Kit STD	U5TW0003	1
Thrust Washer Kit .007	U5TW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90010	3
Conrod Bolt	0095250	6
Conrod Nut	33221327	6
Conrod Bushing	31134151	3
Conrod Bearing Kit STD	85036	1
Conrod Bearing Kit .010	85036A	1
Conrod Bearing Kit .020	85036B	1
Conrod Bearing Kit .030	85036C	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Exhaust	31431011	3
Valve Collet	0230001	12
Valve Guide Exhaust	3316A031	3
Valve Spring Inner	0780007	6
Valve Spring Outer	0780006	6

CYL.BLOCK & COMPONENTS	PART No	QTY
Timing Cover	ZZ90039	1
Timing Cover	37354312	1
Idler Gear	4111A015	1
Idler Gear	31164362	1
Drain Cock	2461104	1
Heater Plug	2666108	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cyl Head	U5LT1138	1
Gasket Kit Cyl Head Copper	11050031	1
Gasket Kit Cyl Block	U5LB0010	1
Head Gasket	3681E024	1
Head Gasket (Copper)	36812127	1
Valve Cover Gasket	36811115	1
Oil Pan Gasket	4224458M1	1
Rear Housing Gasket	33826115	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314078	1
Oil Pump Gear	41115086	1

FUEL SYSTEM	PART No	QTY
Fuel Pump (4 Hole)	ULPK0004	1
Fuel Pump Repair Kit	ULPR0005	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Injector Bolt	0095315	3
Washer	0921176	3
Copper Washer	0921173	3
Fuel Tank Cap	1695732M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	41312487	1
Water Pump (Without Pulley)	U5MW0023	1
Water Pump Repair Kit	U7LW0104	1
Water Pump Seal	2418M004	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1

AT3.152.4 ENGINE BORE : 91.49 MM

A4.203 ENGINE BORE : 91.49 MM

BUILD LIST NO : JD

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90020	1
Crankshaft Pulley	31148677	1
Front Seal	2415344	1
Rear Seal (Rope type)	36883106	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Rope Seal & Gasket	U5MK0401	1
Rear Housing	41422034	1
Main Bearing Kit STD	68082	1
Main Bearing Kit .010	68082A	1
Main Bearing Kit .020	68082B	1
Main Bearing Kit .030	68082C	1
Thrust Washer Kit STD	U5TW0003	1
Thrust Washer Kit .007	U5TW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90011	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bushing	31134151	4
Conrod Bearing Kit STD	85035	1
Conrod Bearing Kit .010	85035A	1
Conrod Bearing Kit .020	85035B	1
Conrod Bearing Kit .030	85035C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (Chrome Liner)	U5MK0064	4
Piston, Pin & Rings (For Chrome Liner)	68503	4
Piston & Pin	81512	4
Piston Ring Set	41158058	4
Full Liner (Chrome)	31358308	4
Cylinder Kit (Cast Iron Liner)	U5MK0033	4
Piston, Pin & Rings (For Cast Iron Liner)	68502	4
Piston & Pin	81512	4
Piston Ring Set (Inner Sprung Oil Ring)	41158057	4
Full Liner (Cast Iron)	31358345	4
Semi Finished Liner (Cast Iron)	31358323	4
Piston Ring Set (Duaflex)	68501	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80089	1
Valve, Inlet	31431261	4
Valve, Exhaust	0910002	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Tappet	0860012	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Bushing	31134119	1
Idle Gear	0050345	1
Drain Cock	2461104	1
Oil Seal	30854	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0509	1
Gasket Kit Cylinder Block	U5LB0502	1
Head Gasket (Copper)	36812141	1
Rear Housing Gskt(Rope type)	36817134	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314033	1
Oil Filter	26560090	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0009	1
Fuel Pump Repair Kit	26410063	1
Primary Fuel Filter	32327	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Injector Bolt	0095315	4
Washer	0921176	4
Copper Washer	0920113	4

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	U5MW0089	1
Water Pump (Without Pulley)	U5MW0089NP	1
Thermostat	2485668	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1

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A4.203 ENGINE EOK KIT LISTS

BUILD LIST NO : JD

ENGINE: A4.203 EOK KIT P/N : 11010706	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	U5MK0064	4
Valve, Inlet	31431261	4
Valve, Exhaust	0910002	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0509	1
Gasket Kit Cylinder Block	U5LB0502	1
Cylinder Kit U5MK0064 Consists of :		
Piston, Pin & Clips	81512	1
Ring Set	41158058	1
Liner	31358308	1

ENGINE: A4.203 EOK KIT P/N : 11010707	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	U5MK0033	4
Valve, Inlet	31431261	4
Valve, Exhaust	0910002	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0509	1
Gasket Kit Cylinder Block	U5LB0502	1
Cylinder Kit U5MK0033 Consists of :		
Piston, Pin & Clips	81512	1
Ring Set	41158057	1
Liner	31358345	1

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A4.203 ENGINE BORE : 91.49 MM

AD4.203 ENGINE BORE 91.49 MM

BUILD LIST NO : JE

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90020	1
Crankshaft Pulley	31148677	1
Front Seal	2415344	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal (Rope type)	36883106	2
Rear Seal (Lip type)	2418F475	1
Rear Seal (Red silicone)	2415391	1
Main Bearing Kit STD	68082	1
Main Bearing Kit .010	68082A	1
Main Bearing Kit .020	68082B	1
Main Bearing Kit .030	68082C	1
Thrust Washer Kit STD	USTW0003	1
Thrust Washer Kit .007	USTW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90010	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bushing	31134151	4
Conrod Bearing Kit STD	85035	1
Conrod Bearing Kit .010	85035A	1
Conrod Bearing Kit .020	85035B	1
Conrod Bearing Kit .030	85035C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (Cast Iron Liner)	U5MK0034	4
Piston, Pin & Rings (For Cast Iron Liner)	68504	4
Piston & Pin	68332	4
Piston Ring Set (Inner Sprung Oil Ring)	41158057	4
Full Liner (Cast Iron)	31358345	4
Cylinder Kit (Chrome Liner)	59582	4
Piston, Pin & Rings (For Chrome Liner)	59618	4
Piston & Pin	68332	4
Piston Ring Set	41158058	4
Full Liner (Chrome)	31358308	4
Piston Ring Set (Duaflex)	68501	4
Semi Finished Liner (Cast Iron)	31358323	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80033	1
Cylinder Head	ZZ90030	1
Valve, Inlet (45 Deg Angle)	31431281	4
Valve, Inlet (35 Deg Angle)	31431681	4
Valve, Exhaust (45 Deg Angle)	31431591	4
Valve, Exhaust (35 Deg Angle)	31431011	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	4
Valve Spring Outer	0780006	8
Valve Stem Seal (Inlet 35 Deg. Only)	2415258	4
Tappet	0860012	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Bushing	31134119	1
Idler Gear	0050345	1
Drain Cock	2461104	1
Oil Seal	30854	1
Heater Plug	2666805	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Head Gasket	3681E023	1
Head Gasket Copper	11050045	1
Valve Cover Gasket	36811112	1
Oil Pan Gasket	21826401	1
Rear Housing Gasket	4223587M1	1
Rear Housing Gasket	33826115	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314033	1
Oil Filter	26540132	1
Oil Filter	26560090	1
Oil Filter Assy	2654026	1

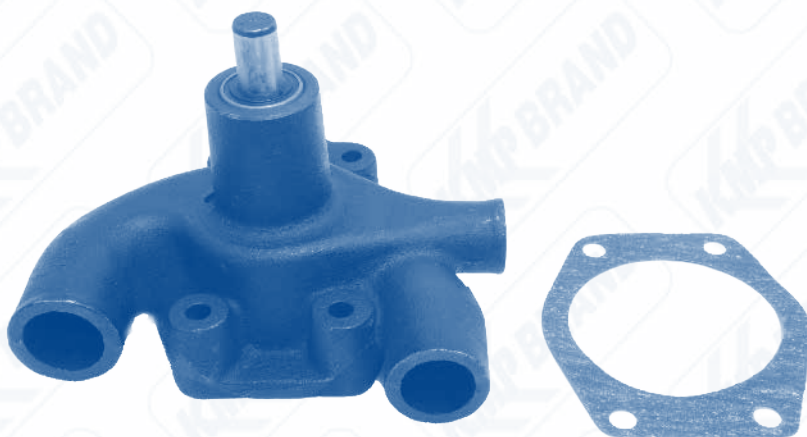
AD4.203 ENGINE BORE 91.49 MM

BUILD LIST NO : JE

FUEL SYSTEM	PART No	QTY
Fuel Pump (2 Hole)	ULPK0010	1
Fuel Pump (With Glass Bowl)	ULPK0009	1
Fuel Pump	ULPK0004	1
Fuel Pump Repair Kit	26410063	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter	32327	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Injector Bolt	0095315	4
Washer	0921176	4
Injector Nozzle	13060046	4
Copper Washer	0921173	4
Fuel Tank Cap	963022M2	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	U5MW0089	1
Water Pump (Without Pulley)	U5MW0089NP	1
Water Pump Repair Kit	U7LW0101	1
Water Pump Repair Kit	31146952	1
Thermostat	2485668	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1



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AD4.203 ENGINE EOK KIT LISTS

BUILD LIST NO : JE

ENGINE: AD4.203 EOK KIT P/N : 11010694	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	59582	4
Valve, Inlet	31431281	4
Valve, Exhaust	31431591	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit 59582 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158058	1
Liner	31358308	1

ENGINE: AD4.203 EOK KIT P/N : 11010695	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	U5MK0034	4
Valve, Inlet	31431281	4
Valve, Exhaust	31431591	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit U5MK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD4.203 EOK KIT P/N : 1101069	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	U5MK0034	4
Valve, Inlet	31431681	4
Valve, Exhaust	31431011	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Valve Stem Seal Inlet	2415258	4
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit U5MK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD4.203 EOK KIT P/N : 11010697	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2415344	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	U5TW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	59582	4
Valve, Inlet	31431681	4
Valve, Exhaust	31431011	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Valve Stem Seal Inlet	2415258	4
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit 59582 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158058	1
Liner	31358308	1

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AD4.203 ENGINE EOK KIT LISTS

BUILD LIST NO : JE

ENGINE: AD4.203 EOK KIT P/N : 11010698	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	USTW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	USMK0034	4
Valve, Inlet	31431281	4
Valve, Exhaust	31431591	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit USMK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD4.203 EOK KIT P/N : 11010699	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	USTW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	USMK0034	4
Valve, Inlet	31431681	4
Valve, Exhaust	31431011	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Valve Stem Seal Inlet	2415258	4
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit USMK0034 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158057	1
Liner	31358345	1

ENGINE: AD4.203 EOK KIT P/N : 11010700	OPTION G	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	USTW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	59582	4
Valve, Inlet	31431281	4
Valve, Exhaust	31431591	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit 59582 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158058	1
Liner	31358308	1

ENGINE: AD4.203 EOK KIT P/N : 11010701	OPTION H	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883106	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68082	1
Thrust Washer Kit STD	USTW0003	1
Conrod Bushing	31134151	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bearing Kit STD	85035	1
Cylinder Kit	59582	4
Valve, Inlet	31431681	4
Valve, Exhaust	31431011	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Valve Stem Seal Inlet	2415258	4
Camshaft Bushing	31134119	1
Gasket Kit Cylinder Head	U5LT0069	1
Gasket Kit Cylinder Block	U5LB0117	1
Cylinder Kit 59582 Consists of :		
Piston, Pin & Clips	68332	1
Ring Set	41158058	1
Liner	31358308	1

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AD4.203 ENGINE BORE 91.49 MM

A4.212 ENGINE BORE : 98.48 MM

BUILD LIST NO : LA

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings Rope Seal)	ZZ90100	1
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90077	1
Crankshaft Pulley	31148791	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal (Rope type)	36883108	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Seal & Gasket	ZZ90044	1
Main Bearing Kit STD	81558	1
Main Bearing Kit .010	81558A	1
Main Bearing Kit .020	81558B	1
Main Bearing Kit .030	81558C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bushing	31134123	4
Conrod Bearing Kit STD	85042	1
Conrod Bearing Kit .010	85042A	1
Conrod Bearing Kit .020	85042B	1
Conrod Bearing Kit .030	85042C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (Later 3 Ring Piston)	11010278	4
Piston, Pin & Rings (Later 3 Ring Piston)	68515	4
Piston & Pin (Later 3 Ring Piston)	89206	4
Piston Ring Set (Later 3 Ring Piston)	41158045	4
Full Liner	31358394	4
Cylinder Kit (Earlier 4 Ring Piston)	USMK0066	4
Piston, Pin & Rings (Earlier 4 Ring Piston)	68514	4
Piston & Pin (Earlier 4 Ring Piston)	86721	4
Piston Ring Set (Earlier 4 Ring Piston)	41158044	4
Full Liner	31358394	4
Semi Finished Liner	31358393	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80175	1
Valve, Inlet	31431641	4
Valve, Inlet	31431315	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Valve Stem Seal C/W Spring	33817117S	4
Push Rod	31434307	8
Tappet	31434165	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft	31415321	1
Camshaft	31415361	1
Camshaft Bushing	31134165	1
Camshaft Gear	31171353	1
Idler Gear	41115023	1
Idler Gear	0050345	1
Drain Cock	2461104	1
Tachometer	2758348	1
Heater Plug	2666108	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Head Gasket	3681E021	1
Valve Cover Gasket	3681A026	1
Oil Pan Gasket	3681K005	1
Rear Housing Gskt (Rope type)	36817136	1
Exhaust Manifold Gasket	36862134	1

A4.212 ENGINE BORE : 98.48 MM

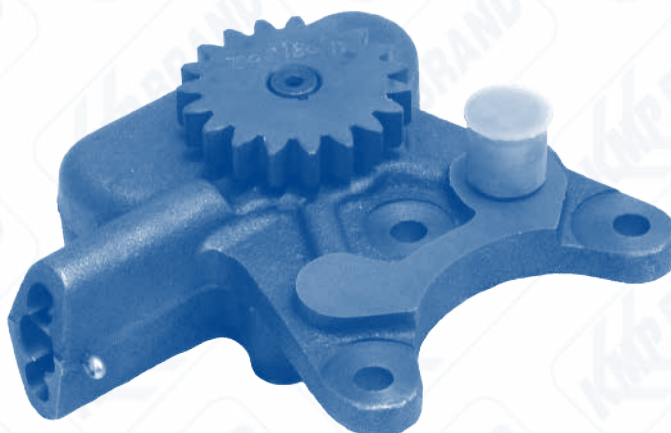
BUILD LIST NO : LA

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314054	1
Front Bearing	2557182	1
Rear Bearing	2557181	1
Shaft Long	31171276	1
Shaft Short	32731127	1
Drive Gear	31165531	1
Driven Gear	31165461	1
Driven Gear	31164582	1
Oil Filter	26560090	1
Oil Filter Head	37764181	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1
Mainfold Exhaust	37781781	1
Mainfold Exhaust	37781333	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0011	1
Fuel Pump Repair Kit	26410050	1
Primary Fuel Filter	26561117	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Leak Off Pipe	35587344	1
Pipe Kit Consists of:	11060048	1
Pipe No 1	35343136	1
Pipe No 2	35343137	1
Pipe No 3	35343138	1
Pipe No 4	35343139	1
Injector Bolt	0095315	4
Washer	0921176	4
Copper Washer	0921173	4
Fuel Tank Cap	963023M2	1
Damper	883623M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	U5MW0104P	1
Water Pump (Without Pulley)	U5MW0104	1
Water Pump Repair Kit	U7LW0025	1
Water Pump Repair Kit	U7LW0095	1
Thermostat	2485644	1



A4.212 ENGINE BORE : 98.48 MM

A4.212 ENGINE EOK KIT LISTS

BUILD LIST NO : LA

ENGINE: A4.212 EOK KIT P/N : 11010702	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0066	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0066 Consists of :		
Piston, Pin & Clips	86721	1
Ring Set	41158044	1
Liner	31358394	1

ENGINE: A4.212 EOK KIT P/N : 11010703	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010278	4
Valve, Inlet	31431315	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010278 Consists of :		
Piston, Pin & Clips	89206	1
Ring Set	41158045	1
Liner	31358394	1

ENGINE: A4.212 EOK KIT P/N : 11010704	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0066	4
Valve, Inlet	31431315	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LT0016	1
Cylinder Kit USMK0066 Consists of :		
Piston, Pin & Clips	86721	1
Ring Set	41158044	1
Liner	31358394	1

ENGINE: A4.212 EOK KIT P/N : 11010705	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010278	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010278 Consists of :		
Piston, Pin & Clips	89206	1
Ring Set	41158045	1
Liner	31358394	1

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A4.236 ENGINE BORE : 98.48 MM

BUILD LIST NO : LD

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings Rope Seal)	ZZ90093	1
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90081	1
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90082	1
Crankshaft Pulley	31148791	1
Crankshaft Pulley	31148713	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal (Rope type)	36883108	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Rope Seal & Gasket	ZZ90044	1
Main Bearing Kit STD	81558	1
Main Bearing Kit .010	81558A	1
Main Bearing Kit .020	81558B	1
Main Bearing Kit .030	81558C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bushing	31134123	4
Conrod Bearing Kit STD	85042	1
Conrod Bearing Kit .010	85042A	1
Conrod Bearing Kit .020	85042B	1
Conrod Bearing Kit .030	85042C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	USMK0038	4
Piston, Pin & Rings	68506	4
Piston & Pin	82878	4
Piston Ring Set	41158041	4
Full Liner (Std Block)	31358394	4
Cylinder Kit	USMK0171	4
Piston, Pin & Rings	68516	4
Piston & Pin	68301	4
Piston Ring Set	41158041	4
Full Liner (Std Block)	31358394	4
Cylinder Kit	USMK0286	4
Piston, Pin & Rings	68516	4
Piston & Pin	68301	4
Piston Ring Set	41158041	4
Full Liner (New Block)	3135X032	4
Piston & Pin (Alfin)	68301AL	4
Semi Finished Liner (Std Block)	31358393	4
Semi finished Liner (New Block)	3135X031	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80175	1
Valve, Inlet (Low Rated)	31431641	4
Valve, Inlet (High Rated)	31431315	4
Valve, Inlet .003" (Low Rated)	31431401	4
Valve, Inlet .015" (Low Rated)	31431402	4
Valve, Inlet .030" (Low Rated)	31431403	4
Valve, Exhaust (Low Rated)	31431881	4
Valve, Exhaust (High Rated)	3142A052	4
Valve, Exhaust .003" (Low Rated)	31431882	4
Valve, Exhaust .015" (Low Rated)	31431883	4
Valve, Exhaust .030" (Low Rated)	31431884	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Valve Stem Seal C/W Spring	33817117S	4
Push Rod	31434307	8
Tappet	31434165	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft	31415361	1
Camshaft	31415321	1
Camshaft Gear	31171353	1
Camshaft Bush	31134165	1
Idler Gear	41115023	1
Drain Cock	2461104	1
Heater Plug	2666103	1
Heater Plug	2666108	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	USLT0015	1
Gasket Kit Cylinder Head	USLT0065	1
Gasket Kit Cylinder Block	USLB0016	1
Head Gasket	3681E021	1
Head Gasket	3681E034	1
Head Gasket	3681E036	1
Valve Cover Gasket	3681A026	1
Oil Pan Gasket	3681K005	1
Rear Housing Gskt(Rope type)	36817136	1
Rear Housing Gskt(Lip type)	4223587M1	1
Exhaust Manifold Gasket	36862134	1

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A4.236 ENGINE BORE : 98.48 MM

A4.236 ENGINE BORE : 98.48 MM

BUILD LIST NO : LD

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	4111K053	1
Balancer Unit	41733082	1
Balancer Unit Repair Kit Minor	11040020	1
Balancer Unit Repair Kit Major	11040019	1
Front Bearing	2557182	1
Front Bearing	2551A009	1
Rear Bearing	2557181	1
Rear Bearing	2551A014	1
Shaft Long	31171276	1
Shaft Long	3117V003	1
Shaft Long	70750043	1
Shaft Short	32731127	1
Shaft Short	70750045	1
Drive Gear	31165531	1
Drive Gear	3116W001	1
Driven Gear	31165461	1
Driven Gear	31164582	1
Oil Filter	26560090	1
Oil Filter Head	37764181	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0001	1
Fuel Pump	2641A073	1
Fuel Pump	ULPK0011	1
Fuel Pump Repair Kit	26410050	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Leak Off Pipe	35587344	1
Pipe Kit Consists of :	11060048	1
Pipe No 1	35343136	1
Pipe No 2	35343137	1
Pipe No 3	35343138	1
Pipe No 4	35343139	1
Injector Bolt	0095315	4
Washer	0921176	4
Injector Nozzle	13060030	4
Copper Washer	0921173	4
Fuel Tank Cap	963023M2	1
Fuel Tank Cap	1695732M1	1
Fuel Tank Cap	3041489M4	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	U5MW0104P	1
Water Pump (Without Pulley)	U5MW0095	1
Water Pump (Without Pulley)	U5MW0195	1
Water Pump (Without Pulley)	U5MW0104	1
Water Pump (Without Pulley)	U5MW0132	1
Water Pump (Without Pulley)	U5MW0197	1
Water Pump (Without Pulley)	U5MW0206	1
Water Pump Repair Kit	U7LW0025	1
Water Pump Repair Kit	U7LW0095	1
Water Pump Repair Kit	31146952	1
Water Pump Seal	2418M004	1
Thermostat	2485645	1
Thermostat	2485644	1
Thermostat	2485613	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1
Mainfold Exhaust	37781781	1
Mainfold Exhaust	37781333	1



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A4.236 ENGINE EOK KIT LISTS

BUILD LIST NO : LD

ENGINE: A4.236 EOK KIT P/N : 11010730	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0171	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0171 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	31358394	1

ENGINE: A4.236 EOK KIT P/N : 11010731	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0286	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0286 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	3135X032	1

ENGINE: A4.236 EOK KIT P/N : 11010732	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0038	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0038 Consists of :		
Piston, Pin & Clips	82878	1
Ring Set	41158041	1
Liner	31358394	1

ENGINE: A4.236 EOK KIT P/N : 11010733	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0038	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0038 Consists of :		
Piston, Pin & Clips	82878	1
Ring Set	41158041	1
Liner	31358394	1

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A4.236 ENGINE BORE : 98.48 MM

A4.236 ENGINE EOK KIT LISTS

BUILD LIST NO : LD

ENGINE: A4.236 EOK KIT P/N : 11010734	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	16
Conrod Nut	33221328	16
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0038	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0038 Consists of :		
Piston, Pin & Clips	82878	1
Ring Set	41158041	1
Liner	31358394	1

ENGINE: A4.236 EOK KIT P/N : 11010735	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0038	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0038 Consists of :		
Piston, Pin & Clips	82878	1
Ring Set	41158041	1
Liner	31358394	1

ENGINE: A4.236 EOK KIT P/N : 11010736	OPTION G	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0171	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0171 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	31358394	1

ENGINE: A4.236 EOK KIT P/N : 11010737	OPTION H	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0171	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0171 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	31358394	1

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A4.236 ENGINE EOK KIT LISTS

BUILD LIST NO : LD

A4.236 ENGINE BORE : 98.48 MM

ENGINE: A4.236 EOK KIT P/N : 11010738	OPTION J	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0171	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5MK0171	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0171 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	31358394	1

ENGINE: A4.236 EOK KIT P/N : 11010739	OPTION K	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0286	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0286 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	3135X032	1

ENGINE: A4.236 EOK KIT P/N : 11010740	OPTION L	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0286	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit U5MK0286 Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	3135X032	1

ENGINE: A4.236 EOK KIT P/N : 11010741	OPTION M	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	U5MK0286	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit Consists of :		
Piston, Pin & Clips	68301	1
Ring Set	41158041	1
Liner	3135X032	1

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AT4.236 ENGINE BORE : 98.48 MM
BUILD LIST NO : LJ

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90082	1
Crankshaft Pulley	31148713	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Main Bearing Kit STD	81558	1
Main Bearing Kit .010	81558A	1
Main Bearing Kit .020	81558B	1
Main Bearing Kit .030	81558C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90013	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bushing	31134131	4
Conrod Bearing Kit STD	U5ME0006	1
Conrod Bearing Kit .010	U5ME0006A	1
Conrod Bearing Kit .020	U5ME0006B	1
Conrod Bearing Kit .030	U5ME0006C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0169	4
Piston, Pin & Rings	U5PR0025	4
Piston & Pin	U5LP0022	4
Piston Ring Set	4181A022	4
Full Liner (New Block)	3135X032	4
Cylinder Kit	11010441	4
Piston, Pin & Rings	11010443	4
Piston & Pin	U5LP0006	4
Piston Ring Set	41158005	4
Full Liner (New Block)	3135X032	4
Cylinder Kit	11010442	4
Piston, Pin & Rings	11010443	4
Piston & Pin	U5LP0006	4
Piston Ring Set	41158005	4
Full Liner (Std Block)	31358394	4
Semi Finished Liner (Std Block)	31358393	4
Semi Finished Liner (New Block)	3135X031	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	4
Valve Spring Outer	31745121	4
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Valve Seal C/W Spring	33817117S	8
Push Rod	31434307	8
Tappet	31434165	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft	31415361	1
Camshaft Bushing	31134165	1
Camshaft Gear	31171353	1
Idle Gear	0050345	1
Drain Cock	2461104	1
Tachometer	2758348	1
Heater Plug	2666108	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0046	1
Gasket Kit Cylinder Head	U5LT1014	1
Gasket Kit Cylinder Block	U5LB0145	1
Head Gasket	3681E034	1
Head Gasket	3681E021	1
Rear Housing Gasket	4223587M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Oil Pump	4132F012	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Drive Gear	3116W001	1

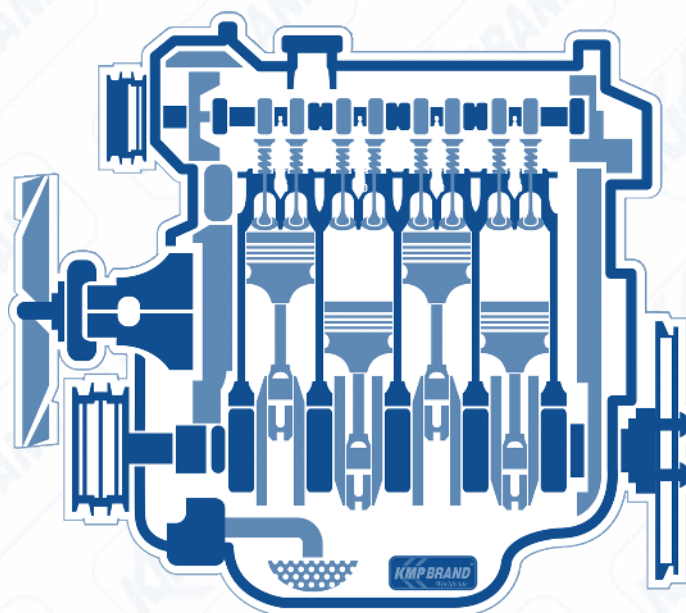
AT4.236 ENGINE BORE : 98.48 MM

BUILD LIST NO : LJ

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0001	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter	26560602	1
Fuel Bowl 1	26560075	1
Injector Bolt	0095315	4
Washer	0921176	4
Injector Nozzle	6801027	4
Copper Washer	0921173	4
Fuel Tank Cap	1695732M1	1
Fuel Tank Cap	963023M2	1
Fuel Tank Cap	3041489M4	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0095	1
Water Pump (Without Pulley)	U5MW0195	1
Water Pump Repair Kit	U7LW0096	1
Water Pump Seal	2418M004	1
Thermostat	2485613	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1



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AT4.236 ENGINE BORE : 98.48 MM

AT4.236 ENGINE EOK KIT LISTS

BUILD LIST NO : LJ

ENGINE: AT4.236 EOK KIT P/N : 11010724	OPTION A PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0006	1
Cylinder Kit	U5MK0169	4
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3342F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0046	1
Gasket Kit Cylinder Block	U5LB0145	1
Cylinder Kit U5MK0169 Consists of :		
Piston, Pin & Clips	U5LP0022	1
Ring Set	4181A022	1
Liner	3135X032	1

ENGINE: AT4.236 EOK KIT P/N : 11010726	OPTION C PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0006	1
Cylinder Kit	11010441	4
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0046	1
Gasket Kit Cylinder Block	U5LB0145	1
Cylinder Kit 11010441 Consists of :		
Piston, Pin & Clips	U5LP0006	1
Ring Set	41158005	1
Liner	3135X032	1

ENGINE: AT4.236 EOK KIT P/N : 11010725	OPTION B PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0006	1
Cylinder Kit	U5MK0169	4
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1014	1
Gasket Kit Cylinder Block	U5LB0145	1
Cylinder Kit U5MK0169 Consists of :		
Piston, Pin & Clips	U5LP0022	1
Ring Set	4181A022	1
Liner	3135X032	1

ENGINE: AT4.236 EOK KIT P/N : 11010727	OPTION D PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0006	1
Cylinder Kit	11010441	4
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1014	1
Gasket Kit Cylinder Block	U5LB0145	1
Cylinder Kit 11010441 Consists of :		
Piston, Pin & Clips	U5LP0006	1
Ring Set	41158005	1
Liner	3135X032	1

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AT4.236 ENGINE EOK KIT LISTS

BUILD LIST NO : LJ

ENGINE: AT4.236 EOK KIT P/N : 11010728	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0006	1
Cylinder Kit	11010442	4
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0046	1
Gasket Kit Cylinder Block	U5LB0145	1
Cylinder Kit 11010442 Consists of :		
Piston, Pin & Clips	U5LP0006	1
Ring Set	41158005	1
Liner	31358394	1

ENGINE: AT4.236 EOK KIT P/N : 11010729	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0006	1
Cylinder Kit	11010442	4
Valve, Inlet	3142H002	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1014	1
Gasket Kit Cylinder Block	U5LB0145	1
Cylinder Kit 11010442 Consists of :		
Piston, Pin & Clips	U5LP0006	1
Ring Set	41158005	1
Liner	31358394	1



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AT4.236 ENGINE BORE : 98.48 MM

A4.248 ENGINE BORE : 101.05 MM

BUILD LIST NO : LF

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings Rope Seal)	ZZ90093	1
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90081	1
Crankshaft Pulley	31148713	1
Crankshaft Pulley	31148791	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal (Rope type)	36883108	2
Rear Seal (Lip type)	2418F475	1
Rear Housing With Rope Seal & Gasket	ZZ90044	1
Main Bearing Kit STD	81558	1
Main Bearing Kit .010	81558A	1
Main Bearing Kit .020	81558B	1
Main Bearing Kit .030	81558C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bushing	31134123	4
Conrod Bearing Kit STD	85042	1
Conrod Bearing Kit .010	85042A	1
Conrod Bearing Kit .020	85042B	1
Conrod Bearing Kit .030	85042C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0039	4
Piston, Pin & Rings (4 Ring Piston)	68508	4
Piston & Pin (4 Ring Piston)	89207	4
Piston Ring Set (4 Ring)	4181A009	4
Semi Finished Liner	31358343	4
Cylinder Kit (4 Ring Piston)	U5MK0067	4
Piston, Pin & Rings (4 Ring Piston)	68508	4
Piston & Pin (4 Ring Piston)	89207	4
Piston Ring Set (4 Ring)	4181A009	4
Full Liner (Std Block)	31358352	4
Cylinder Kit (3 Ring Piston)	11010287	4
Piston, Pin & Rings (3 Ring Piston)	11010286	4
Piston & Pin (3 Ring Piston)	U5LP0009	4
Piston Ring Set (3 Ring)	41158022	4
Full Liner (Std Block)	31358352	4
Cylinder Kit (3 Ring Piston)	11010448	4
Piston, Pin & Rings (3 Ring Piston)	11010286	4
Piston & Pin (3 Ring Piston)	U5LP0009	4
Piston Ring Set (3 Ring)	41158022	4
Full Liner (New Block)	3135X034	4

CYLINDER KIT & COMPONENTS (Continued)	PART No	QTY
Cylinder Kit (5 Ring Alfin)	11010253	4
Piston & Pin (5 Ring Alfin)	11010125	4
Piston Ring Set (5 Ring Alfin)	11010229	4
Full Liner	31358352	4
Piston & Pin (4 Ring Alfin)	89207AL	4
Semi Finished Liner (Std Block)	31358346	4
Semi Finished Liner (New Block)	3135X033	4
Semi Finished Liner	31358343	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80175	1
Valve, Inlet (Low Rated)	31431641	4
Valve, Inlet (High Rated)	31431315	4
Valve, Inlet .003" (Low Rated)	31431401	4
Valve, Inlet .015" (High Rated)	31431402	4
Valve, Inlet .030" (Low Rated)	31431403	4
Valve, Exhaust (Low Rated)	31431881	4
Valve, Exhaust (High Rated)	3142A052	4
Valve, Exhaust .003" (Low Rated)	31431882	4
Valve, Exhaust .015" (Low Rated)	31431883	4
Valve, Exhaust .030" (Low Rated)	31431884	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Valve Stem Seal C/W Spring	33817117S	4
Push Rod	31434307	8
Tappet	31434165	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft (Fast lift lobes)	31415321	1
Camshaft	31415361	1
Camshaft Bushing	31134165	1
Camshaft Gear	31171353	1
Idler Gear	41115023	1
Idler Gear	0050345	1
Drain Cock	2461104	1
Tachometer	2758348	1
Heater Plug	2666103	1
Heater Plug	2666108	1

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A4.248 ENGINE BORE : 101.05 MM

BUILD LIST NO : LF

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Head Copper	11050031	1
Gasket Kit Cylinder Block	U5LB0016	1
Head Gasket	3681E021	1
Head Gasket	3681E034	1
Head Gasket	3681E036	1
Head Gasket Copper	36812127	1
Valve Cover Gasket	3681A026	1
Oil Pan Gasket	3681K005	1
Rear Housing Gskt (Rope type)	36817136	1
Rear Housing Gskt	4223587M1	1
Exhaust Manifold Gasket	36862134	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	37417472	1
Balancer Unit	41733082	1
Balancer Unit	4111K053	1
Balancer Unit Repair Kit Major	11040019	1
Balancer Unit Repair Kit Minor	11040020	1
Front Bearing	2557182	1
Front Bearing	2551A009	1
Rear Bearing	2557181	1
Rear Bearing	2551A014	1
Shaft Long	31171276	1
Shaft Long	3117V003	1
Shaft Short	32731127	1
Drive Gear	31165531	1
Drive Gear	3116W001	1
Driven Gear	31165461	1
Driven Gear	31164582	1
Oil Filter	26560090	1
Oil Filter Head	37764181	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	2641A073	1
Fuel Pump	ULPK0001	1
Fuel Pump	ULPK0011	1
Fuel Pump Repair Kit	26410096	1
Fuel Pump Repair Kit	26410050	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Leak Off Pipe	35587344	1
Pipe Kit Consists of:	11060048	1
Pipe No 1	35343136	1
Pipe No 2	35343137	1
Pipe No 3	35343138	1
Pipe No4	35343139	1
Injector Bolt	0095315	4
Washer	0921176	4
Injector Nozzle	13060030	4
Injector Nozzle	13060048	4
Copper Washer	0921173	4

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	U5MW0104P	1
Water Pump (Without Pulley)	U5MW0104	1
Water Pump Repair Kit	U7LW0025	1
Water Pump Repair Kit	U7LW0095	1
Water Pump Repair Kit	U7LW0096	1
Water Pump Repair Kit	31146952	1
Water Pump Seal	2418M004	1
Thermostat	2485613	1
Thermostat	2485645	1
Thermostat	2485644	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1
Manifold Exhaust 90 Deg Outlet	37781781	1
Manifold Exhaust 180 Deg Outlet	37781333	1

A4.248 ENGINE BORE : 101.05 MM

A4.248 ENGINE EOK KIT LISTS

BUILD LIST NO : LF

ENGINE:A4.248 EOK KIT P/N : 11010742	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0067	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0067 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358352	1

ENGINE: A4.248 EOK KIT P/N : 11010743	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010448	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010448 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	3135X034	1

ENGINE: A4.248 EOK KIT P/N : 11010744	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010448	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010448 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	3135X034	1

ENGINE: A4.248 EOK KIT P/N : 11010745	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0067	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0067 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358352	1

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A4.248 ENGINE EOK KIT LISTS

BUILD LIST NO : LF

ENGINE: A4.248 EOK KIT P/N : 11010746	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0067	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0067 Consists of :		
Piston, Pin & Clips	89207	4
Ring Set	4181A009	4
Liner	31358352	4

ENGINE: A4.248 EOK KIT P/N : 11010747	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0067	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0067 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358352	1

ENGINE: A4.248 EOK KIT P/N : 11010748	OPTION G	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010287	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010287 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	31358352	1

ENGINE: A4.248 EOK KIT P/N : 11010749	OPTION H	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010287	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010287 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	31358352	1

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A4.248 ENGINE BORE : 101.05 MM

A4.248 ENGINE EOK KIT LISTS

BUILD LIST NO : LF

ENGINE: A4.248 EOK KIT P/N : 11010750	OPTION J	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010287	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010287 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	31358352	1

ENGINE: A4.248 EOK KIT P/N : 11010751	OPTION K	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010448	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010448 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	3135X034	1

ENGINE: A4.248 EOK KIT P/N : 11010752	OPTION L	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010448	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010448 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	3135X034	1

ENGINE: A4.248 EOK KIT P/N : 11010753	OPTION M	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	11010287	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit 11010287 Consists of :		
Piston, Pin & Clips	U5LP0009	1
Ring Set	41158022	1
Liner	31358352	1

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A4.248 ENGINE EOK KIT LISTS

BUILD LIST NO : LF

ENGINE: A4.248 EOK KIT P/N : 11010754	OPTION N	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0039	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0039 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358343	1

ENGINE: A4.248 EOK KIT P/N : 11010755	OPTION O	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0039	4
Valve, Inlet	31431641	4
Valve, Exhaust	31431881	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0039 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358343	1

ENGINE: A4.248 EOK KIT P/N : 11010756	OPTION P	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0039	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0015	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0039 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358343	1

ENGINE: A4.248 EOK KIT P/N : 11010757	OPTION Q	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	81558	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	4
Conrod Bolt	32762116	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	85042	1
Cylinder Kit	USMK0039	4
Valve, Inlet	31431315	4
Valve, Exhaust	3142A052	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0065	1
Gasket Kit Cylinder Block	U5LB0016	1
Cylinder Kit USMK0039 Consists of :		
Piston, Pin & Clips	89207	1
Ring Set	4181A009	1
Liner	31358343	1

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A4.248 ENGINE BORE : 101.05 MM

404C-22/22T ENGINE BORE : 84 MM

BUILD LIST NO : HRC, HP, HPC, HPG, HR

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (C/W Bearings)	11010601	1
Crankshaft Kit (Without Bearings)	115256750	1
Crankshaft Pulley	U15397401	1
Crankshaft Gear	115276200	1
Front Seal	198636160	1
Rear Seal	050209083	1
Main Bearing Kit STD	198586140	1
Main Bearing Kit .25mm	198586150	1
Main Bearing Kit .50mm	198586160	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	115026330	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bushing	198517265	4
Conrod Bearing Kit STD	U5ME0011	1
Conrod Bearing Kit .25mm	U5ME0011A	1
Conrod Bearing Kit .50mm	U5ME0011B	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (404C-22)	11010605	4
Piston, Pin & Rings STD (404C-22)	115017491	4
Piston & Pin (404C-22)	115017491-NR	4
Piston, Pin & Rings .50mm (404C-22)	115017491B	4
Piston & Pin .50mm (404C-22)	115017491B-NR	4
Piston Ring Set STD (404C-22)	115107970	4
Piston Ring Set .50mm (404C-22)	115107970B	4
Repair Liner	11010603	4
Cylinder Kit (404C-22T)	11010606	4
Piston, Pin & Rings STD (404C-22T)	115017581	4
Piston & Pin (404C-22T)	115017581-NR	4
Piston, Pin & Rings .50mm (404C-22T)	115017581B	4
Piston & Pin .50mm (404C-22T)	115017581B-NR	4
Piston Ring Set STD (404C-22T)	115104021	4
Piston Ring Set .50mm (404C-22T)	115104021B	4
Repair Liner	11010603	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (404C-22)	111017930	1
Cylinder Head (404C-22T)	TPN488	1
Valve, Inlet	120166390	4
Valve, Inlet .005mm	120166390 + .005	4
Valve, Exhaust	120176400	4
Valve, Exhaust .005mm	120176400 + .005	4
Valve Collet	120226070	16
Valve Seat, Inlet (404C-22)	110136400	4
Valve Seat, Inlet (404C-22T)	U10136470	4
Valve Seat Exhaust	U10136460	4
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Push Rod	120456310	8
Tappet	120116160	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft (404C-22)	120026680	1
Camshaft (404C-22T)	120026550	1
Camshaft Bushing STD	198517222	1
Camshaft Bushing .25mm	198517226	1
Camshaft Bushing .50mm	198517229	1
Camshaft Gear (Small)	120736081	1
Camshaft Gear (Large 404C-22)	120016170	1
Camshaft Gear (Large 404C-22T)	120016050	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit (Complete overhaul 404C-22)	U5LC0016	1
Gasket Kit (Complete overhaul 404C-22T)	11050113	1
Head Gasket	111147741	1
Valve Cover Gasket	111996401	1
Valve Cover Gasket	120996130	1
Oil Pan Gasket	110996920	1
Exhaust Manifold Gasket	135996780	1

404C-22/22T ENGINE BORE : 84 MM

BUILD LIST NO : HRC, HP, HPC, HPG, HR

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	U5MK8266	1
Oil Filter	140517050	1
Oil Cooler	2486A218	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	130506351	1
Primary Fuel Filter	26561117	1
Fuel Filter Head & Assembly	2656613	1
Fuel Line No.1 (404C-22T)	131507700	1
Fuel Line No.1 (404C-22)	131507700	1
Fuel Line No.1 (404C-22)	131507520	1
Fuel Line No.2 (404C-22T)	131507710	1
Fuel Line No.2 (404C-22)	131507710	1
Fuel Line No.2 (404C-22)	131507530	1
Fuel Line No.3 (404C-22T)	131507720	1
Fuel Line No.3 (404C-22)	131507720	1
Fuel Line No.3 (404C-22)	131507540	1
Fuel Line No.4 (404C-22T)	131507730	1
Fuel Line No.4 (404C-22)	131507730	1
Fuel Line No.4 (404C-22)	131507550	1
Injector Nozzle (404C-22T)	131406490	4
Injector Nozzle (404C-22)	131406490	4
Injector Nozzle (404C-22)	131406500	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	145017951	1
Water Pump Pulley	145336620	1
Thermostat	145206182	1

TURBOCHARGER	PART No	QTY
Turbocharger (404C-22T)	135756180	1

MISCELLANEOUS	PART No	QTY
Ring Gear	U15376160	1
Manifold Exhaust (404C-22)	135617130	1
Manifold Exhaust (404C-22T)	135617460	1

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404C-22/22T ENGINE BORE : 84 MM

404C-22/22T ENGINE EOK KIT LISTS

BUILD LIST NO : HRC, HP, HPC, HPG, HR

ENGINE: 404C-22 EOK KIT P/N : 11010607	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	050209083	1
Main Bearing Kit STD	198586140	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1
Conrod Bushing	198517265	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bearing Kit STD	U5ME0011	1
Piston, Pin, Clips & Rings STD	115017491	4
Valve, Inlet	120166390	4
Valve, Exhaust	120176400	4
Valve Collet	120226070	16
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Camshaft Bushing STD	198517222	1
Gasket Kit Complete Overhaul	U5LC0016	1

ENGINE: 404C-22T EOK KIT P/N : 11010608	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	198636160	1
Rear Seal Lip	050209080	1
Main Bearing Kit STD	198586140	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1
Conrod Bushing	198517265	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bearing Kit STD	U5ME0011	1
Piston, Pin, Clips & Rings STD	115017581	4
Valve, Inlet	100166390	4
Valve, Exhaust	120176400	4
Valve Collet	120226070	16
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Camshaft Bushing STD	198517222	1
Gasket Kit Complete Overhaul	11050113	1

404D-22/22T/22TA ENGINE BORE : 84 MM

BUILD LIST NO : GN, GP, GR

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (C/W Bearings)	11010597	1
Crankshaft Kit (Without Bearings)	115256990	1
Crankshaft Pulley	U15397401	1
Crankshaft Gear	U15276270	1
Front Seal	198636160	1
Rear Seal	050209083	1
Main Bearing Kit STD	U5MB0025	1
Main Bearing Kit .25mm	U5MB0025A	1
Main Bearing Kit .50mm	U5MB0025B	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	115026330	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bushing	198517265	4
Conrod Bearing Kit STD	U5ME0030	1
Conrod Bearing Kit .25mm	U5ME0030A	1
Conrod Bearing Kit .50mm	U5ME0030B	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (404D-22)	11010605	4
Piston, Pin & Rings STD (404D-22)	115017491	4
Piston & Pin (404D-22)	115017491-NR	4
Piston, Pin & Rings .50mm (404D-22)	115017491B	4
Piston & Pin .50mm (404D-22)	115017491B-NR	4
Piston Ring Set STD (404D-22)	115107970	4
Piston Ring Set .50mm (404D-22)	115107970B	4
Repair Liner	11010603	4
Cylinder Kit (404D-22T/TA)	11010606	4
Piston, Pin & Rings STD (404D-22T/TA)	115017581	4
Piston & Pin (404D-22T/TA)	115017581-NR	4
Piston, Pin & Rings .50mm (404D-22T/TA)	115017581B	4
Piston & Pin .50mm (404D-22T/TA)	115017581B-NR	4
Piston Ring Set STD (404D-22T/TA)	115104021	4
Piston Ring Set .50mm (404D-22T/TA)	115104021B	4
Repair Liner	11010603	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (404D-22)	111011030	1
Cylinder Head (404D-22T/TA)	111011090	1
Valve, Inlet	120166390	4
Valve, Inlet .005mm	120166390 + .005	4
Valve, Exhaust	120176400	4
Valve, Exhaust .005mm	120176400 + .005	4
Valve Collet	120226070	16
Valve Seat, Inlet	U10136470	4
Valve Seat Exhaust	U10136460	4
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Push Rod	120456310	8
Tappet	120116160	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft (404D-22)	120026880	1
Camshaft (404D-22T/TA)	120026860	1
Camshaft Bushing STD	198517222	1
Camshaft Bushing .25mm	198517226	1
Camshaft Bushing .50mm	198517229	1
Camshaft Gear (Large)	120016210	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit (Complete Overhaul W/O H.G)	11050112	1
Head Gasket 1.1 mm	111147751	1
Head Gasket 1.2 mm	111147761	1
Head Gasket 1.3 mm	111147771	1
Head Gasket 1.2 mm	111147711	1
Head Gasket 1.3 mm	111147721	1
Valve Cover Gasket	111996401	1
Oil Pan Gasket	110996920	1
Exhaust Manifold Gasket	135996780	1

111147711 & 111147721 up to S/N U929888S and N404315S

111147751, 111147761 & 111147771 from S/N U929888S and N404315S

Kit 11050112 is supplied without head gasket

404D-22/22T/22TA ENGINE BORE : 84 MM

404D-22/22T/22TA ENGINE BORE : 84 MM

BUILD LIST NO : GN, GP, GR

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	U5MK8267	1
Oil Filter	140517050	1
Oil Cooler	2486A218	1

FUEL SYSTEM	PART No	QTY
Fuel Pump (404D-22T/TA)	130506351	1
Fuel Pump 404D-22T	130506351	1
Fuel Pump 404D-22T	130506140	1
Primary Fuel Filter	26561117	1
Fuel Filter Head & Assembly	2656613	1
Fuel Line NO.1 (404D-22T/TA)	131507700	1
Fuel Line NO.1 (404D-22)	131507700	1
Fuel Line NO.1 (404D-22)	131501030	1
Fuel Line NO.1 (404D-22)	131507520	1
Fuel Line NO.2 (404D-22T/TA)	131507710	1
Fuel Line NO.2 (404D-22)	131507710	1
Fuel Line NO.2 (404D-22)	131501040	1
Fuel Line NO.2 (404D-22)	131507530	1
Fuel Line NO.3 (404D-22T/TA)	131507720	1
Fuel Line NO.3 (404D-22)	131507720	1
Fuel Line NO.3 (404D-22)	131501050	1
Fuel Line NO.3 (404D-22)	131507540	1
Fuel Line NO.4 (404D-22T/TA)	131507730	1
Fuel Line NO.4 (404D-22)	131507730	1
Fuel Line NO.4 (404D-22)	131501060	1
Fuel Line NO.4 (404D-22)	131507550	1
Injector Nozzle (404D-22)	131406490	4
Injector Nozzle (404D-22T/TA)	131406540	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U45010062	1
Water Pump Pulley	145336620	1
Thermostat (404D-22/22T)	145206230	1
Thermostat (404D-22TA)	145206182	1

TURBOCHARGER	PART No	QTY
Turbocharger (404D-22T, 404D-22TA)	135756180	1
Turbocharger (404D-22TA)	135756210	1

MISCELLANEOUS	PART No	QTY
Ring Gear	U15376160	1
Manifold Exhaust (404D-22)	135617120	1
Manifold Exhaust	135617460	1

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404D-22/22T/22TA ENGINE EOK KIT LISTS

BUILD LIST NO : GN, GP, GR

ENGINE: 404D-22 EOK KIT P/N : 11010611	OPTION A PART No	QTY
DESCRIPTION		
Front Seal	198636160	1
Rear Seal Lip	050209083	1
Main Bearing Kit STD	U5MB0025	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1
Conrod Bushing	198517265	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bearing Kit STD	U5ME0030	1
Piston, Pin, Clips & Rings STD	115017491	4
Valve, Inlet	120166390	4
Valve, Exhaust	120176400	4
Valve Collet	120226070	16
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul W/O HG)	11050112	1

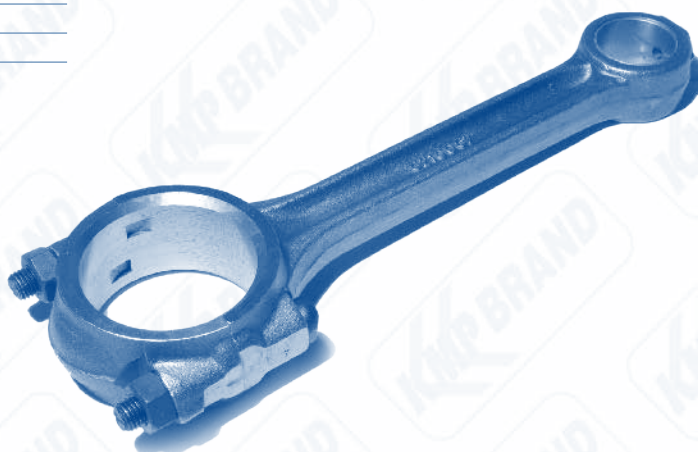
* Head gasket sold separately

ENGINE: 404D-22TA EOK KIT P/N : 11010610	OPTION A PART No	QTY
DESCRIPTION		
Front Seal	198636160	1
Rear Seal Lip	050209083	1
Main Bearing Kit STD	U5MB0025	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1
Conrod Bushing	198517265	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bearing Kit STD	U5ME0030	1
Cylinder Kit	115017581	4
Valve, Inlet	120166390	4
Valve, Exhaust	120176400	4
Valve Collet	120226070	16
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul W/O HG)	11050112	1

*Head Gasket sold separately

ENGINE: 404D-22T EOK KIT P/N : 11010609	OPTION A PART No	QTY
DESCRIPTION		
Front Seal	198636160	1
Rear Seal Lip	050209083	1
Main Bearing Kit STD	U5MB0025	1
Thrust Washer STD	199266200	2
Thrust Washer STD	199266210	1
Conrod Bushing	198517265	4
Conrod Bolt	115176140	8
Conrod Nut	020109120	8
Conrod Bearing Kit STD	U5ME0030	1
Piston, Pin, Clips & Rings	115017581	4
Valve, Inlet	120166390	4
Valve, Exhaust	120176400	4
Valve Collet	120226070	16
Valve Spring	198216700	8
Valve Stem Seal Inlet	U20406140	4
Valve Stem Seal Exhaust	U20406140	4
Camshaft Bushing	198517222	1
Gasket Kit (Complete Overhaul W/O H.G)	11050112	1

*Head Gasket sold separately



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404D-22/22T/22TA ENGINE BORE : 84 MM

1004.40 ENGINE BORE : 100.00 MM

BUILD LIST NO : AJ, AP

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90238	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal	2418F475	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0034	1
Main Bearing Kit .25 mm	U5MB0034A	1
Main Bearing Kit .50 mm	U5MB0034B	1
Main Bearing Kit .75 mm	U5MB0034C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade H	4115C334	4
Connecting Rod Grade J	4115C335	4
Connecting Rod Grade K	4115C336	4
Connecting Rod Grade L	4115C337	4
Connecting Rod Grade F	4115C311	4
Connecting Rod Grade G	4115C312	4
Connecting Rod Grade H	4115C313	4
Connecting Rod Grade J	4115C314	4
Connecting Rod Grade K	4115C315	4
Connecting Rod Grade L	4115C316	4
Conrod Bolt (4115C311)	3212V003	8
Con Rod Bolt (4115C334)	32762145	8
Conrod Nut (4115C334)	33221328	8
Conrod Bushing (4115C311)	3112A005	4
Con Rod Bushing (4115C334)	3112E041	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25 mm	U5ME0034A	1
Conrod Bearing Kit .50 mm	U5ME0034B	1
Conrod Bearing Kit .75 mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010290	4
Piston, Pin & Rings STD	U5PR0054	4
Piston & Pin STD	U5LP0057	4
Piston Ring Set STD	4181A033	4
Full Liner	3135X062	4
Semi Finished Liner	3135X063	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80253	1
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	8
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Seat, Inlet	3314A071	4
Valve Seat Exhaust	3314A009	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Push Rod	31434307	8
Tappet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50307	1
Timing Cover	3716M153	1
Camshaft	U3141D131	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L012	1
Idle Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3681A027	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB0146	1
Gasket Kit Cylinder Block	U5LB1319	1
Head Gasket	3681E037	1
Valve Cover Gasket	3681A049	1
Oil Pan Gasket	3681K005	1
Rear Housing Gasket	11050099	1
Timing Cover gasket	21826410	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Oil Pump Gear	4111A021	1
Balancer Unit	4111K093	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Drive Gear	3116W001	1
Oil Filter	2654403	1
Oil Filter Head	3773K004	1

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1004.40 ENGINE BORE : 100.00 MM

BUILD LIST NO : AJ, AP

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0034	1
Fuel Pump Repair Kit	ULPR0005	1
Fuel Filter	26561117	1
Fuel Filter Head assy	2656615	1
Fuel Line NO.1	3521H065	1
Fuel Line NO.2	3521H083	1
Fuel Line NO.2	3521H066	1
Fuel Line NO.3	3521H067	1
Fuel Line NO.4	3521H068	1
Leak Off Pipe	3558X051	1
Injector Assy	2645A043	4
Injector Nozzle	2645A627	4
Washer	L311FF02	4
Fuel Tank Cap	3782340M1	1
Damper	3781N042	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0192	1
Water Pump (Without Pulley)	U5MW0190	1
Water Pump Repair Kit	U7LW0173	1
Thermostat	2485C036	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Manifold Exhaust	4147K004	1



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1004.40 ENGINE BORE : 100.00 MM

1004.40 ENGINE EOK KIT LISTS

BUILD LIST NO : AJ, AP

ENGINE: 1004.40 EOK KIT P/N : 11010643	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB0146	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1004.40 EOK KIT P/N : 11010644	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F475	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring Inner	3174P409	8
Valve Stem Seal	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1004.40 EOK KIT P/N : 11010645	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418N506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB0146	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1004.40 EOK KIT P/N : 11010646	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

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1004.40T ENGINE BORE : 100.00 MM

BUILD LIST NO : AK,AM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90238	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal	2418F475	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0034	1
Main Bearing Kit .25mm	U5MB0034A	1
Main Bearing Kit .50mm	U5MB0034B	1
Main Bearing Kit .75mm	U5MB0034C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (Grade F)	4115C311	4
Connecting Rod (Grade G)	4115C312	4
Connecting Rod (Grade H)	4115C313	4
Connecting Rod (Grade J)	4115C314	4
Connecting Rod (Grade K)	4115C315	4
Connecting Rod (Grade L)	4115C316	4
Connecting Rod (Grade H)	4115C334	4
Connecting Rod (Grade J)	4115C335	4
Connecting Rod (Grade K)	4115C336	4
Connecting Rod (Grade L)	4115C337	4
Conrod Bolt (4115C311)	3212V003	8
Con Rod Bolt (4115C334)	32762145	8
Conrod Nut (4115C334)	33221328	8
Conrod Bushing (4115C334)	3112E041	4
Con Rod Bush (4115C311)	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010290	4
Piston, Pin & Rings STD	U5PR0054	4
Piston & Pin STD	U5LP0057	4
Piston Ring Set STD	4181A033	4
Full Liner	3135X062	4
Semi Finished Liner	3135X063	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80252	1
Cylinder Head	ZZ80253	1
Valve, Inlet	3142D041	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D031	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Seat, Inlet	3314A061	4
Valve Seat Exhaust	3314A051	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Push Rod	31434307	8
Tappet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50297	1
Timing Cover	21826412	1
Camshaft	3141D133	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L023	1
Idler Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3861A027	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Head Gasket	3681E037	1
Valve Cover Gasket	3681A049	1
Oil Pan Gasket	3681K005	1
Exhaust Manifold Gasket	3688C042	2
Exhaust Manifold Gasket	3688C035	2
Timing Cover Gasket	21826412	1

1004.40T ENGINE BORE : 100.00 MM

1004.40T ENGINE BORE : 100.00 MM

BUILD LIST NO : AK,AM

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Drive Gear	3116W001	1
Oil Filter	2654407	1
Oil Filter Head	3773K043	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0034	1
Fuel Pump Repair Kit	ULPR0005	1
Fuel Filter	26561117	1
Fuel Filter Head Assy	2656615	1
Fuel Bowl	26560075	1
Fuel Line NO.1	3521H065	1
Fuel Line NO.2	3521H066	1
Fuel Line NO.2	3521H083	1
Fuel Line NO.3	3521H067	1
Fuel Line NO.4	3521H068	1
Leak Off Pipe	3558X051	1
Injector Assy	2645A051	4
Injector Nozzle	2645A635	4
Washer	L311FF02	4
Fuel Tank Cap	3782340M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0192	1
Water Pump (Without Pulley)	U5MW0190	1
Water Pump Repair Kit	U7LW0173	1
Thermostat	2485C036	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A375	1
Turbocharger	2674A391	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Manifold Exhaust	U5MK0605	1
Manifold Exhaust	4147K006	1

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1004.40T ENGINE EOK KIT LISTS

BUILD LIST NO : AK,AM

ENGINE: 1004.40T EOK KIT P/N : 11010647	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1004.40T EOK KIT P/N 11010648 OPTION B		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142L081	4
Valve, Exhaust	3142D051	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1004.40T EOK KIT P/N : 11010649	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142D041	4
Valve, Exhaust	3142D031	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1004.40T EOK KIT P/N : 11010650	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	11010290	4
Valve, Inlet	3142D041	4
Valve, Exhaust	3142D031	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P409	8
Valve Stem Seal Inlet	2418M506	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1202	1
Gasket Kit Cylinder Block	U5LB1319	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

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1004.40T ENGINE BORE : 100.00 MM

1004.4T ENGINE BORE : 100.00 MM

BUILD LIST NO : AH

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90238	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal	2418F475	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0034	1
Main Bearing Kit .25mm	U5MB0034A	1
Main Bearing Kit .50mm	U5MB0034B	1
Main Bearing Kit .75mm	U5MB0034C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	2

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	4115C331	4
Connecting Rod	4115C321	4
Conrod Bolt (4115C331)	32762145	8
Con Rod Bolt (4115C321)	3212V003	8
Conrod Nut (4115C331)	33221328	8
Conrod Bushing (4115C321)	3112A006	4
Conrod Bushing (4115C331)	31134131	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25 mm	U5ME0034A	1
Conrod Bearing Kit .50 mm	U5ME0034B	1
Conrod Bearing Kit .75 mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0275	4
Piston, Pin & Rings STD	U5PR0040	4
Piston & Pin STD	U5LL0016	4
Piston Ring Set STD	4181A026	4
Full Liner	3135X042	4
Semi Finished Liner	3135X041	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80220	1
Valve, Inlet	3142L072	4
Valve, Exhaust	3142A051	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Seat, Inlet	3324E003	4
Valve Seat Exhaust	3314A121	4
Valve Spring Inner	31745122	4
Valve Spring Outer	31744133	4
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Push Rod	31434307	8
Tapet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50293	1
Timing Cover	4142A166	1
Camshaft	3141F211	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L023	1
Idler Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3681A027	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1196	1
Gasket Kit Cylinder Block	U5LB0146	1
Head Gasket	3681E037	1
Valve Cover Gasket (Plastic)	3681A028	1
Valve Cover Gasket (Cork)	3681A021	1
Oil Pan Gasket	3681K005	1
Exhaust Manifold Gasket	36862189	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	4111K093	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Drive Gear	3116W001	1
Oil Filter	2654407	1
Oil Filter Head	3773K043	1
Oil Cooler	2486A219	1

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1004.4T ENGINE BORE : 100.00 MM

BUILD LIST NO : AH

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0034	1
Fuel Pump Repair Kit	ULPR0005	1
Fuel Filter	26561117	1
Fuel Filter Head assy	2656615	1
Fuel Line NO.1	3521K102	1
Fuel Line NO.1	3521K124	1
Fuel Line NO.1	3521K207	1
Fuel Line NO.1	2646C167	1
Fuel Line NO.2	3521K103	1
Fuel Line NO.2	3521K125	1
Fuel Line NO.2	3521K208	1
Fuel Line NO.2	2646C168	1
Fuel Line NO.3	3521K104	1
Fuel Line NO.3	3521K126	1
Fuel Line NO.3	3521K099	1
Fuel Line NO.3	2646C157	1
Fuel Line NO.4	3521K105	1
Fuel Line NO.4	3521K127	1
Fuel Line NO.4	3521K101	1
Fuel Line NO.4	2646C158	1
Leak Off Pipe	3558X019	1
Injector Bolt	0095315	3
Washer	0921173	4
Injector Nozzle	2645A621	4
Copper Washer	3311A042	4
Fuel Tank Cap	3782340M1	1

COOLING SYSTEM	PART No	QTY
Water Pump Pulley	3115K021	1
Water Pump (Without Pulley)	U5MW0108	1
Water Pump Repair Kit	U7LW0096	1
Thermostat	2485613	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674396	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Manifold Exhaust	36862189	2

1004.4T ENGINE BORE : 100.00 MM

1004.4T ENGINE EOK KIT LISTS

BUILD LIST NO : AH

ENGINE: 1004.4T EOK KIT P/N : 11010618	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	3112A006	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	U5MK0275	4
Valve, Inlet	3142L072	4
Valve, Exhaust	3142A051	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744133	8
Valve Spring Outer	31745122	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1196	1
Gasket Kit Cylinder Block	U5LB0146	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

ENGINE: 1004.4T EOK KIT P/N : 11010621	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134131	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Cylinder Kit	U5MK0275	4
Valve, Inlet	3142L072	4
Valve, Exhaust	3142A051	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Spring Inner	31744133	8
Valve Spring Outer	31745122	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1196	1
Gasket Kit Cylinder Block	U5LB0146	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

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1004.42 ENGINE BORE : 103.00 MM

BUILD LIST NO : AR,AS

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90238	1
Crankshaft Gear	31171681	1
Crankshaft Gear	3117C062	1
Front Seal	2418F437	1
Rear Seal	2418F475	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0034	1
Main Bearing Kit .25 mm	U5MB0034A	1
Main Bearing Kit .50 mm	U5MB0034B	1
Main Bearing Kit .75 mm	U5MB0034C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade H	4115C334	4
Connecting Rod Grade J	4115C335	4
Connecting Rod Grade K	4115C336	4
Connecting Rod Grade L	4115C337	4
Connecting Rod Grade F	4115C311	4
Connecting Rod Grade G	4115C312	4
Connecting Rod Grade H	4115C313	4
Connecting Rod Grade J	4115C314	4
Connecting Rod Grade K	4115C315	4
Connecting Rod Grade L	4115C316	4
Conrod Bolt (4115C334)	32762145	8
Con Rod Bolt (4115C311)	3212V003	8
Conrod Nut (4115C334)	33221328	8
Conrod Bushing (4115C334)	3112E041	4
Con Rod Bushing (4115C311)	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25 mm	U5ME0034A	1
Conrod Bearing Kit .50 mm	U5ME0034B	1
Conrod Bearing Kit .75 mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010483	4
Piston, Pin & Rings STD	11010452	4
Piston, Pin & Rings 0.50 mm	11010452B	4
Piston, Pin & Rings 1.00 mm	11010452D	4
Piston & Pin STD	U5LP0058	4
Piston & Pin 0.50 mm	U5LP0058B	4
Piston & Pin 1.00 mm	U5LP0058D	4
Piston Ring Set STD	4181A045	4
Piston Ring Set 0.50mm	4181A046	4
Piston Ring Set 1.00mm	4181A047	4
Semi Finished Liner	11010382	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80255	1
Valve, Inlet	3142H041	4
Valve, Exhaust	3142D061	4
Valve Collet	3142W004	8
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Seat, Inlet	3314A101	4
Valve Seat Exhaust	3314A102	4
Valve Spring	3174P412	4
Valve Stem Seal Inlet	2418M507	4
Valve Stem Seal Exhaust	2418M505	4
Push Rod	31434307	8
Tappet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50300	1
Timing Cover	4142A407	1
Camshaft	3141D174	1
Camshaft Bushing	3113A165	1
Camshaft Gear	3117L023	1
Idler Gear	0050345	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3681A027	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0317	1
Gasket Kit Cylinder Block	U5LB0146	1
Gasket Kit Cylinder Block	U5LB1319	1
Head Gasket	3681E042	1
Valve Cover Gasket	3681A049	1
Oil Pan Gasket	3681K005	1
Rear Housing Gasket	11050099	1
Exhaust Manifold Gasket	3688C035	1
Timing Cover Gasket	21826410	1

1004.42 ENGINE BORE : 103.00 MM

1004.42 ENGINE BORE : 103.00 MM

BUILD LIST NO : AR,AS

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	4111K066	1
Balancer Unit	4111K091	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Drive Gear	3116W001	1
Oil Filter	2654407	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0034	1
Fuel Pump Repair Kit	ULPR0005	1
Fuel Filter Head Assy	2656615	1
Fuel Filter	26561117	1
Fuel Bowl	26560075	1
Fuel Line NO.1	3521H065	1
Fuel Line NO.2	3521H066	1
Fuel Line NO.2	3521H083	1
Fuel Line NO.2	3525A034	1
Fuel Line NO.3	3521H067	1
Fuel Line NO.4	3521H068	1
Leak Off Pipe	3558X051	1
Injector Assy	U2645A058	4
Injector Nozzle	2645K609	4
Washer	0921173	4
Copper Washer	L311FF02	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0195	1
Water Pump (Without Pulley)	U5MW0192	1
Water Pump Repair Kit	U7LW0173	1
Thermostat	2485C036	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Manifold Exhaust	3778E111	1
Manifold Exhaust	3778E121	1

1004.42 ENGINE EOK KIT LISTS

BUILD LIST NO : AR,AS

ENGINE: 1004.42 EOK KIT P/N : 11010622	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	11010452	4
Valve, Inlet	3142H041	4
Valve, Exhaust	3142D061	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P412	8
Valve Stem Seal Inlet	2418M507	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0317	1
Gasket Kit Cylinder Block	U5LB0146	1
Piston, Pin, Clips & Rings STD 11010452 Consists of :		
Piston, Pin & Clips	U5LP0058	1
Ring Set	4181A045	1

ENGINE: 1004.42 EOK KIT P/N : 11010623	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	4
Conrod Bolt	32762145	8
Conrod Nut	33221328	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	11010452	4
Valve, Inlet	3142H041	4
Valve, Exhaust	3142D061	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P412	8
Valve Stem Seal Inlet	2418M507	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0317	1
Gasket Kit Cylinder Block	U5LB1319	1
Piston, Pin, Clips & Rings STD 11010452 Consists of :		
Piston, Pin & Clips	U5LP0058	1
Ring Set	4181A045	1

ENGINE: 1004.42 EOK KIT P/N : 11010627	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	11010452	4
Valve, Inlet	3142H041	4
Valve, Exhaust	3142D061	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P412	8
Valve Stem Seal Inlet	2418M507	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0317	1
Gasket Kit Cylinder Block	U5LB0146	1
Piston, Pin, Clips & Rings STD 11010452 Consists of :		
Piston, Pin & Clips	U5LP0058	1
Ring Set	4181A045	1

ENGINE: 1004.42 EOK KIT P/N : 11010628	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0034	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	11010452	4
Valve, Inlet	3142H041	4
Valve, Exhaust	3142D061	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3318A705	4
Valve Spring	3174P412	8
Valve Stem Seal Inlet	2418M507	4
Valve Stem Seal Exhaust	2418M505	4
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0317	1
Gasket Kit Cylinder Block	U5LB1319	1
Piston, Pin, Clips & Rings STD 11010452 Consists of :		
Piston, Pin & Clips	U5LP0058	1
Ring Set	4181A045	1

1004.42 ENGINE BORE : 103.00 MM

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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1104A SERIES ENGINE BORE : 105.00 MM

1104A-44 BUILD NO : RR 1104A-44T BUILD NO : RS 1104A-44TA BUILD NO : RT

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings) up to U491476T	ZZ90239	1
Crankshaft Kit (Inc. Bearings) from U491477T	ZZ90237	1
Crankshaft Pulley (1104A-44,1104A-44T)	3114V041	1
Crankshaft Pulley (1104A-44,1104A-44T)	3114C111	1
Crankshaft Pulley (1104A-44TA)	3115T051	1
Crankshaft Pulley (1104A-44TA)	3115A141	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F (up to U491476T)	4115C311	4
Connecting Rod Grade G (up to U491476T)	4115C312	4
Connecting Rod Grade H (up to U491476T)	4115C313	4
Connecting Rod Grade J (up to U491476T)	4115C314	4
Connecting Rod Grade K (up to U491476T)	4115C315	4
Connecting Rod Grade L (up to U491476T)	4115C316	4
Connecting Rod Grade R (from U491477T)	4115C361	4
Connecting Rod Grade O (from U491477T)	4115C362	4
Connecting Rod Grade W (from U491477T)	4115C363	4
Connecting Rod Grade G (from U491477T)	4115C364	4
Connecting Rod Grade B (from U491477T)	4115C365	4
Connecting Rod Grade P (from U491477T)	4115C366	4
Conrod Bolt (up to U491476T)	3212V003	8
Conrod Bolt (from U491477T)	T400001	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (1104A-44)	11010651	4
Piston, Pin & Rings STD (1104A-44)	4115P011	4
Piston, Pin & Rings .50mm	4115P012	4
Piston, Pin & Rings 1.00mm	4115P013	4
Piston & Pin STD	11010377	4
Piston & Pin .50mm	11010377B	4
Piston & Pin 1.00mm	11010377D	4
Piston Ring Set STD	UPRK0003	4
Piston Ring Set .50mm	UPRK0003B	4
Piston Ring Set 1.00mm	UPRK0003D	4
Full Liner	11010524	4
Cylinder Kit (1104A-44)	11010654	4
Piston, Pin & Rings STD (1104A-44)	4115P021	4
Piston, Pin & Rings .50mm	4115P022	4
Piston, Pin & Rings 1.00mm	4115P023	4
Piston & Pin STD	11010373	4
Piston & Pin .50mm	11010373B	4
Piston & Pin 1.00mm	11010373D	4
Piston Ring Set STD	UPRK0003	4
Piston Ring Set .50mm	UPRK0003B	4
Piston Ring Set 1.00mm	UPRK0003D	4
Full Liner	11010524	4
Cylinder Kit (1104A-44T)	11010652	4
Piston, Pin & Rings STD (1104A-44T)	4115P025	4
Piston, Pin & Rings .50mm	4115P026	4
Piston, Pin & Rings 1.00mm	4115P027	4
Piston & Pin STD	11010380	4
Piston & Pin .50mm	11010380B	4
Piston & Pin 1.00mm	11010380D	4
Piston Ring Set STD	UPRK0002	4
Piston Ring Set .50mm	UPRK0002B	4
Piston Ring Set 1.00mm	UPRK0002D	4
Full Liner	11010524	4
Cylinder Kit (1104A-44TA)	11010653	4
Piston, Pin & Rings STD (1104A-44TA)	4115P015	4
Piston, Pin & Rings .50mm	4115P016	4
Piston, Pin & Rings 1.00mm	4115P017	4
Piston & Pin STD	11010372	4
Piston & Pin .50mm	11010372B	4
Piston & Pin 1.00mm	11010372D	4
Piston Ring Set STD	UPRK0002	4
Piston Ring Set .50mm	UPRK0002B	4
Piston Ring Set 1.00mm	UPRK0002D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

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1104A SERIES ENGINE BORE : 105.00 MM
1104A-44 BUILD NO : RR 1104A-44T BUILD NO : RS 1104A-44TA BUILD NO : RT

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (1104A-44)	ZZ80270	1
Cylinder Head (1104A-44T,1104A-44TA)	ZZ80268	1
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Seat, Inlet	3314A241	4
Valve Seat Exhaust	3314A231	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Push Rod	31434307	8
Tappet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50324	1
Timing Cover	4142A504	1
Camshaft (1104A-44)	4112K041	1
Camshaft (1104A-44T,1104A-44TA)	4112K043	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117N001	1
Idler Gear	4111A034	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head (1104A-44)	U5LT0356	1
Gasket Kit Cylinder Head (1104A-44T)	U5LT0357	1
Gasket Kit Cylinder Head (1104A-44TA)	U5LT0354	1
Gasket Kit Cylinder Block	U5L80381	1
Head Gasket (1104A-44, 1104A-44T)	3681E051	1
Head Gasket (1104A-44TA)	3681E046	1
Valve Cover Gasket	3681A055	1
Oil Pan Gasket	3681K037	1
Exhaust Manifold Gasket	3681V512	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F071	1
Oil Filter	2654407	1
Oil Filter Head (1104A-44,1104A-44T)	3773A061	1
Oil Filter Head (1104A-44TA)	3773A071	1
Oil Cooler (1104A-44)	2486A215	1
Oil Cooler (1104A-44T, 1104A-44TA)	2486A217	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	4132A018	1
Primary Fuel Filter	26560201	1
Fuel Line NO.1 (1104A-44)	3525A141	1
Fuel Line NO.2 (1104A-44)	3525A142	1
Fuel Line NO.3 (1104A-44)	3525A157	1
Fuel Line NO.4 (1104A-44)	3525A144	1
Fuel Line NO.1 (1104A-44T)	3525A141	1
Fuel Line NO.2 (1104A-44T)	3525A157	1
Fuel Line NO.3 (1104A-44T)	3525A157	1
Fuel Line NO.4 (1104A-44T)	3525A144	1
Fuel Line NO.1 (1104A-44TA)	3525A101	1
Fuel Line NO.2 (1104A-44TA)	3525A102	1
Fuel Line NO.3 (1104A-44TA)	3525A103	1
Fuel Line NO.4 (1104A-44TA)	3525A104	1
Leak Off Pipe	2646F501	1
Washer	26460064	4
Injector with Nozzle (1104A-44)	2645K016	4
Injector with Nozzle (1104A-44T)	2645K022	4
Injector with Nozzle (1104A-44TA)	2645K012	4
Copper Washer	1311FF02	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0206	1
Water Pump Repair Kit	U7LW0172	1
Thermostat	2418H008	1

TURBOCHARGER	PART No	QTY
Turbocharger (1104A-44T)	2674A200	1
Turbocharger (1104A-44T)	2674A209	1
Turbocharger (1104A-44T)	2674A226	1
Turbocharger (1104A-44TA)	2674A403	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Ring Gear	0410236	1
Manifold Exhaust (1104A-44)	3778E431	1
Manifold Exhaust (1104A-44T, 1104A-44TA)	3778E401	1

1104A SERIES ENGINE BORE : 105.00 MM

1104A SERIES ENGINE EOK KIT LISTS

1104A-44 BUILD NO : RR 1104A-44T BUILD NO : RS 1104A-44TA BUILD NO : RT

ENGINE: 1104A-44 EOK KIT P/N : 11010668	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P011	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0356	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104A-44 EOK KIT P/N : 11010669	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P011	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0356	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104A-44 EOK KIT P/N : 11010670	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P021	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0356	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104A-44 EOK KIT P/N : 11010671	OPTION D	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P021	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0356	1
Gasket Kit Cylinder Block	U5LB0381	1

1104A SERIES ENGINE EOK KIT LISTS

1104A-44 BUILD NO : RR 1104A-44T BUILD NO : RS 1104A-44TA BUILD NO : RT

ENGINE: 1104A-44T EOK KIT P/N : 11010672	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P025	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104A-44TA EOK KIT P/N : 11010674	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P015	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0354	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104A-44T EOK KIT P/N : 11010673	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P025	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104A-44TA EOK KIT P/N : 11010675	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P015	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0354	1
Gasket Kit Cylinder Block	U5LB0381	1

1104A SERIES ENGINE BORE : 105.00 MM

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1104C SERIES ENGINE BORE : 105.00 MM

1104C-44 BUILD LIST NO : RE 1104C-44T : RG 1104C-44TA : RJ 1104C-E44 B : RF 1104C-E44T : RH 1104C-E44TA : RK

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90239	1
Crankshaft Kit (Inc. Bearings)		
1104C-44,1104C-44T,1104C-44TA	ZZ90237	1
Crankshaft Kit (Inc. Bearings)		
1104C-E44,1104C-E44T,1104C-E44TA	ZZ90241	1
Crankshaft Pulley		
(1104C-44,1104C-44T,1104C-44TA)	3115T051	1
Crankshaft Pulley		
(1104C-E44T,1104C-E44TA)	3115T051	1
Crankshaft Pulley		
(1104C-E44T,1104C-E44TA)	3115A141	1
Crankshaft Pulley (1104C-E44)	3114C111	1
Crankshaft Pulley (1104C-E44)	3114V041	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F (up to U491476T)	4115C311	4
Connecting Rod Grade G (up to U491476T)	4115C312	4
Connecting Rod Grade H (up to U491476T)	4115C313	4
Connecting Rod Grade J (up to U491476T)	4115C314	4
Connecting Rod Grade K (up to U491476T)	4115C315	4
Connecting Rod Grade L (up to U491476T)	4115C316	4
Connecting Rod Grade R (from U491477T)	4115C361	4
Connecting Rod Grade O (from U491477T)	4115C362	4
Connecting Rod Grade W (from U491477T)	4115C363	4
Connecting Rod Grade G (from U491477T)	4115C364	4
Connecting Rod Grade P (from U491477T)	4115C365	4
Connecting Rod Grade B (from U491477T)	4115C366	4
Conrod Bolt	3212V003	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (1104C-44,1104C-E44)	11010651	4
Piston, Pin & Rings STD		
(1104C-44,1104C-E44)	4115P011	4
Piston, Pin & Rings .50mm	4115P012	4
Piston, Pin & Rings 1.00mm	4115P013	4
Piston & Pin STD	11010377	4
Piston & Pin .50mm	11010377B	4
Piston & Pin 1.00mm	11010377D	4
Piston Ring Set STD	UPRK0003	4
Piston Ring Set .50mm	UPRK0003B	4
Piston Ring Set 1.00mm	UPRK0003D	4
Full Liner	11010524	4
Cylinder Kit		
(1104C-44T,1104C-44TA,1104C-E44T,1104C-E44TA)	11010653	4
Piston, Pin & Rings STD		
(1104C-44T,1104C-44TA,1104C-E44T,1104C-E44TA)	4115P015	4
Piston, Pin & Rings .50mm	4115P016	4
Piston, Pin & Rings 1.00mm	4115P017	4
Piston & Pin STD	11010372	4
Piston & Pin .50mm	11010372B	4
Piston & Pin 1.00mm	11010372D	4
Piston Ring Set STD	UPRK0002	4
Piston Ring Set .50mm	UPRK0002B	4
Piston Ring Set 1.00mm	UPRK0002D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (1104C-44)	ZZ80270	1
Cylinder Head (1104C-44T,1104C-44TA)	ZZ80268	1
Cylinder Head		
(1104C-E44,1104C-E44T,1104C-E44TA)	ZZ80267	1
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Seat, Inlet	3314A241	4
Valve Seat Exhaust	3314A231	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Push Rod	31434307	8
Tappet	3142U991	8

1104C SERIES ENGINE BORE : 105.00 MM

1104C-44 BUILD LIST NO : RE 1104C-44T : RG 1104C-44TA : RJ 1104C-E44 B : RF 1104C-E44T : RH 1104C-E44TA : RK

CYL.BLOCK & COMPONENTS	PART No	QTY
Timing Cover (1104C-44,1104C-44T,1104C-44TA, 1104C-E44TA)	4142A503	1
Timing Cover (1104C-E44,1104C-E44T)	4142A504	1
Camshaft (1104C-44,1104C-E44)	4112K041	1
Camshaft (1104C-44T,1104C-44TA, 1104C-E44T,1104C-E44TA)	4112K043	1
Camshaft Bushing	3112D075	1
Camshaft Gear (1104C-44,1104C-44T, 1104C-44TA,1104C-E44TA)	3117L272	1
Camshaft Gear (1104C-E44,1104C-E44T)	3117N001	1
Idler Gear (1104C-44,1104C-E44, 1104C-E44T,1104C-E44TA)	4111A034	1
Idler Gear (1104C-44T,1104C-44TA)	4111A048	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block (1104C-44,1104C-44T,1104C-44TA, 1104C-E44TA)	U5LB0383	1
Gasket Kit Cylinder Block (1104C-44,1104C-44T,1104C-44TA, 1104C-E44T)	U5LB0382	1
Gasket Kit Cylinder Block	U5LB0381	1
Head Gasket	3681E051	1
Valve Cover Gasket	3681A055	1
Oil Pan Gasket	3681K006	1
Exhaust Manifold Gasket	3681V512	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F071	1
Balancer Unit (1104C-44,1104C-44T,1104C-44TA, 1104C-E44TA)	4111K073	1
Drive Gear (1104C-44,1104C-44T,1104C-44TA, 1104C-E44TA)	3117A101	1
Driven Gear (1104C-44,1104C-44T,1104C-44TA, 1104C-E44TA)	4111A029	1
Oil Filter	2654407	1
Oil Filter Head (1104C-44,1104C-44T,1104C-E44TA)	3773A071	1
Oil Filter Head (1104C-44TA,1104C-E44,1104C-E44T)	3773A061	1
Oil Cooler (1104C-44,1104C-E44)	4134W027	1
Oil Cooler (1104C-44T,1104C-44TA)	4134W025	1
Oil Cooler (1104C-E44T,1104C-E44TA)	4134W025	1
Oil Cooler (1104C-44T)	2486A217	1

LUBRICATING OIL SYSTEM	PART No	QTY
Washer	26460064	4
Injector with Nozzle (1104C-44)	2645K016	4
Injector with Nozzle (1104C-44T)	2645K011	4
Injector with Nozzle (1104C-44TA)	2645K012	4
Injector with Nozzle (1104C-E44)	2645K013	4
Injector with Nozzle (1104C-E44T,1104C-E44TA)	2645K015	4
Injector Nozzle (1104C-44T)	2645K611	4
Injector Nozzle (1104C-44TA,1104C-E44T,1104C-E44TA)	2645K612	4
Copper Washer	L311FF02	4
Fuel Tank Cap	11060064	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	4132A018	1
Primary Fuel Filter	26560201	1
Fuel Line NO.1 (1104C-44,1104C-E44,1104C-E44T, 1104C-E44TA)	3525A091	1
Fuel Line NO.2 (1104C-44,1104C-E44,1104C-E44T, 1104C-E44TA)	3525A092	1
Fuel Line NO.3 (1104C-44,1104C-E44,1104C-E44T, 1104C-E44TA)	3525A093	1
Fuel Line NO.4 (1104C-44,1104C-E44,1104C-E44T, 1104C-E44TA)	3525A094	1
Fuel Line NO.1 (1104C-44T,1104C-44TA)	3525A101	1
Fuel Line NO.2 (1104C-44T,1104C-44TA)	3525A102	1
Fuel Line NO.3 (1104C-44T,1104C-44TA)	3525A103	1
Fuel Line No.4 (1104C-44T,1104C-44TA)	3525A104	1
Leak Off Pipe	2646F501	1
Washer	26460064	4
Injector with Nozzle (1104C-44)	2645K016	4
Injector with Nozzle (1104C-44T)	2645K011	4
Injector with Nozzle (1104C-44TA)	2645K012	4
Injector with Nozzle (1104C-E44)	2645K013	4
Injector with Nozzle (1104C-E44T,1104C-E44TA)	2645K015	4
Injector Nozzle (1104C-44T)	2645K611	4
Injector Nozzle (1104C-44TA,1104C-E44T,1104C-E44TA)	2645K612	4
Copper Washer	L311FF02	4
Fuel Tank Cap	11060064	1

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1104C SERIES ENGINE BORE : 105.00 MM

1104C-44 BUILD LIST NO : RE 1104C-44T : RG 1104C-44TA : RJ 1104C-E44 B : RF 1104C-E44T : RH 1104C-E44TA : RK

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0206	1
Water Pump Repair Kit	U7LW0172	1
Thermostat		
(1104C-44,1104C-44T,1104C-44TA)	4133L509	1
Thermostat (1104C-E44T)	4133L508	1
Thermostat (1104C-E44,1104C-E44TA)	4133L507	1

TURBOCHARGER	PART No	QTY
Turbocharger (1104C-44T, 1104C-E44T)	2674A200	1
Turbocharger (1104C-44T)	2674A209	1
Turbocharger (1104C-44TA)	2674A211	1
Turbocharger (1104C-44TA, 1104C-E44TA)	2674A225	1
Turbocharger (1104C-44T)	2674A226	1
Turbocharger (1104C-E44T)	2674A229	1
Turbocharger (1104C-E44T)	2674A230	1
Turbocharger (1104C-E44T)	2674A231	1
Turbocharger (1104C-44TA, 1104C-E44TA)	2674A403	1
Turbocharger (1104C-44TA)	2674A404	1

MISCELLANEOUS	PART No	QTY
Ring Gear		
(1104C-44,1104C-44T,1104C-E44, 1104C-E44T)	31162121	1
Ring Gear (1104C-44TA, 1104C-E44TA)	0410236	1
Manifold Exhaust (1104C-44)	3778E441	1
Manifold Exhaust		
(1104C-44T,1104C-44TA,1104C-E44TA)	3778E421	1
Manifold Exhaust (1104C-E44)	3778E431	1
Manifold Exhaust (1104C-E44T)	3778E401	1



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1104C SERIES ENGINE EOK KIT LISTS

1104C-44 BUILD LIST NO : RE 1104C-44T : RG 1104C-44TA : RJ 1104C-E44 B : RF 1104C-E44T : RH 1104C-E44TA : RK

ENGINE: 1104C-44 /E44 EOK KIT P/N : 11010685		OPTION A
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P011	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104C-44T/44TA/E44T/E44TA EOK KIT P/N : 11010687		OPTION A
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P015	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104C-44 EOK KIT P/N : 11010686		OPTION B
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P011	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0382	1

ENGINE: 1104C-44T/44TA/E44T EOK KIT P/N : 11010688		OPTION B
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P015	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0382	1

1104C SERIES ENGINE BORE : 105.00 MM

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1104C SERIES ENGINE EOK KIT LISTS

1104C-44 BUILD LIST NO : RE 1104C-44T : RG 1104C-44TA : RJ 1104C-E44 B : RF 1104C-E44T : RH 1104C-E44TA : RK

ENGINE: 1104C-44 EOK KIT P/N : 11010689	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings Std	4115P011	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0383	1

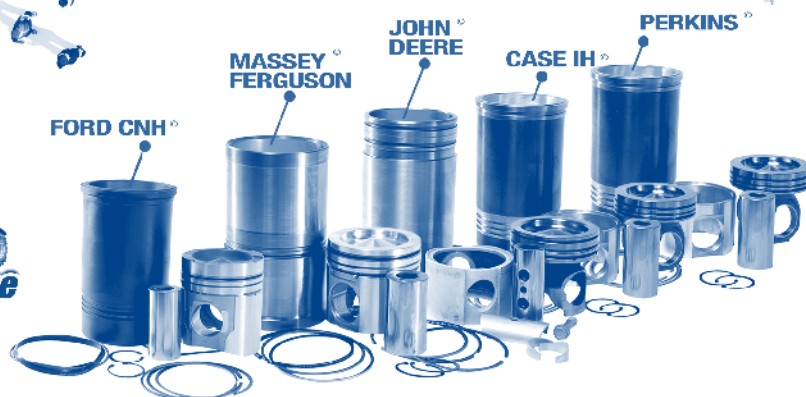
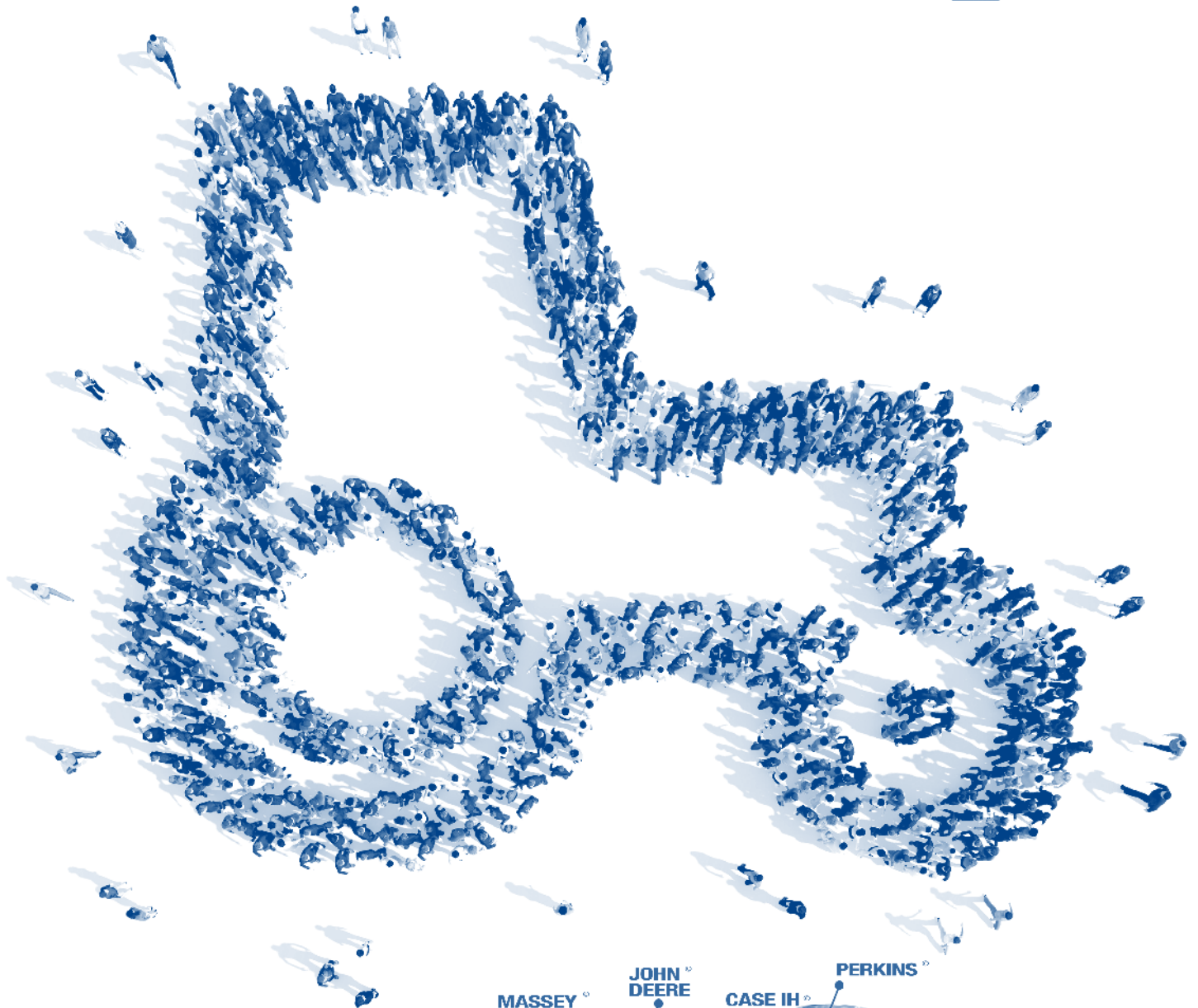
ENGINE: 1104C-44/44TA/E44TA EOK KIT P/N : 11010690	OPTION C	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	4115P015	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A151	4
Valve Collet	3142W004	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A016	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0383	1

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1104D-44 ENGINE BORE : 105.00 MM

BUILD LIST NO : NK

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90239	1
Crankshaft Kit (Inc. Bearings)	ZZ90237	1
Crankshaft Pulley	3115T051	1
Crankshaft Pulley	3115A141	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F (up to U056074T)	4115C311	4
Connecting Rod Grade G (up to U056074T)	4115C312	4
Connecting Rod Grade H (up to U056074T)	4115C313	4
Connecting Rod Grade J (up to U056074T)	4115C314	4
Connecting Rod Grade K (up to U056074T)	4115C315	4
Connecting Rod Grade L (up to U056074T)	4115C316	4
Connecting Rod Grade R (from U056075T)	4115C361	4
Connecting Rod Grade O (from U056075T)	4115C362	4
Connecting Rod Grade W (from U056075T)	4115C363	4
Connecting Rod Grade G (from U056075T)	4115C364	4
Connecting Rod Grade P (from U056075T)	4115C365	4
Connecting Rod Grade B (from U056075T)	4115C366	4
Conrod Bolt (up to U056074T)	3212V003	8
Conrod Bolt (from U056075T)	T400001	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010676	4
Piston, Pin & Rings STD	U5PR0063	4
Piston, Pin & Rings .50mm	U5PR0063B	4
Piston, Pin & Rings 1.00 mm	U5PR0063D	4
Piston & Pin STD	11010376	4
Piston & Pin .50mm	11010376B	4
Piston & Pin 1.00mm	11010376D	4
Piston Ring Set STD	UPRK0003	4
Piston Ring Set .50mm	UPRK0003B	4
Piston Ring Set 1.00mm	UPRK0003D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80281	1
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Seat, Inlet	3314A221	4
Valve Seat Exhaust	3314A231	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Push Rod	3142V011	8
Tappet	3142U061	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50324	1
Cylinder Block	ZZ50325	1
Timing Cover	4142A503	1
Timing Cover	4142A504	1
Camshaft	4112K074	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117L272	1
Camshaft Gear	3117N001	1
Idler Gear	4111A048	1
Idler Gear	4111A034	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1
Head Gasket	3681E051	1
Valve Cover Gasket	3681A055	1
Oil Pan Gasket	3681K036	1
Oil Pan Gasket	3681K037	1
Exhaust Manifold Gasket	3681V512	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F073	1
Balancer Unit	4111K073	1
Drive Gear	3117A101	1
Driven Gear	4111A029	1
Oil Filter	2654407	1
Oil Filter Head	3773A071	1
Oil Filter Head	3773A061	1
Oil Cooler	4134W027	1
Oil Cooler	4134W016	1

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1104D-44 ENGINE BORE : 105.00 MM

BUILD LIST NO : NK

FUEL SYSTEM	PART No	QTY
Fuel Pump	4132A018	1
Primary Fuel Filter	26560608	1
Fuel Line NO.1	3525A101	1
Fuel Line NO.2	3525A102	1
Fuel Line NO.3	3525A103	1
Fuel Line NO.4	3525A104	1
Leak Off Pipe	2646F501	1
Washer	26460064	4
Injector with Nozzle	2645K027	4
Copper Washer	L311FF02	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0208	1
Thermostat	4133L509	1

MISCELLANEOUS	PART No	QTY
Manifold Exhaust	3778E451	1



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1104D-44 ENGINE BORE : 105.00 MM

1104D-44 ENGINE EOK KIT LISTS

BUILD LIST NO : NK

ENGINE: 1104D-44EOK KIT P/N : 11010677	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	U5PR0063	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104D-44 EOK KIT P/N : 11010678	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	U5PR0063	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

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1104D-44T ENGINE BORE : 105.00 MM

BUILD LIST NO : NL

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90239	1
Crankshaft Kit (Inc. Bearings)	ZZ90237	1
Crankshaft Pulley	3115T051	1
Crankshaft Pulley	3115A141	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F	4115C311	4
Connecting Rod Grade G	4115C312	4
Connecting Rod Grade H	4115C313	4
Connecting Rod Grade J	4115C314	4
Connecting Rod Grade K	4115C315	4
Connecting Rod Grade L	4115C316	4
Connecting Rod Grade R	4115C361	4
Connecting Rod Grade O	4115C362	4
Connecting Rod Grade W	4115C363	4
Connecting Rod Grade G	4115C364	4
Connecting Rod Grade P	4115C365	4
Connecting Rod Grade B	4115C366	4
Conrod Bolt (for 4115C311-6)	3212V003	8
Conrod Bolt (for 4115C361-6)	T400001	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010679	4
Piston, Pin & Rings STD	U5PR0062	4
Piston, Pin & Rings .50mm	U5PR0062B	4
Piston, Pin & Rings 1.00mm	U5PR0062D	4
Piston & Pin STD	11010378	4
Piston & Pin .50 MM	11010378B	4
Piston & Pin 1.00 MM	11010378D	4
Piston Ring Set STD	UPRK0005	4
Piston Ring Set .50mm	UPRK0005B	4
Piston Ring Set 1.00mm	UPRK0005D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80279	1
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Seat, Inlet	3314A221	4
Valve Seat Exhaust	3314A231	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Push Rod	3142V011	8
Tappet	3142U061	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50325	1
Cylinder Block	ZZ50324	1
Timing Cover	4142A503	1
Timing Cover	4142A504	1
Camshaft	4112K077	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117L272	1
Camshaft Gear	3117N001	1
Idler Gear	4111A048	1
Idler Gear	4111A034	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1
Head Gasket	3681E051	1
Valve Cover Gasket	3681A055	1
Oil Pan Gasket	3681K036	1
Oil Pan Gasket	3681K037	1
Exhaust Manifold Gasket	3681V512	1

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1104D-44T ENGINE BORE : 105.00 MM

1104D-44 ENGINE BORE : 105.00 MM

BUILD LIST NO : NK

LUBRICATING OIL SYSTEM	PART No	QTY
Balancer Unit	4111K073	1
Drive Gear	3117A101	1
Driven Gear	4111A029	1
Oil Filter	2654407	1
Oil Filter Head	3773A071	1
Oil Cooler	2486A217	1
Oil Cooler	4134W025	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	4132A018	1
Primary Fuel Filter	26560608	1
Fuel Line NO.1	3525A101	1
Fuel Line NO.2	3525A102	1
Fuel Line NO.3	3525A103	1
Fuel Line NO.4	3525A104	1
Leak Off Pipe	2646F501	1
Washer	26460064	4
Injector with Nozzle	2645K027	4
Copper Washer	L311FF02	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0208	1
Thermostat	4133L509	1
Thermostat	4133L507	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A816	1
Turbocharger	2674A817	1
Turbocharger	2674A827	1
Turbocharger	2674A844	1

MISCELLANEOUS	PART No	QTY
Manifold Exhaust	3778E421	1

1104D-44TA ENGINE BORE : 105.00 MM

BUILD LIST NO : NM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90237	1
Crankshaft Kit (Inc. Bearings)	ZZ90239	1
Crankshaft Pulley	3115T051	1
Crankshaft Pulley	3115A141	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F	4115C311	4
Connecting Rod Grade G	4115C312	4
Connecting Rod Grade H	4115C313	4
Connecting Rod Grade J	4115C314	4
Connecting Rod Grade K	4115C315	4
Connecting Rod Grade L	4115C316	4
Connecting Rod Grade R	4115C361	4
Connecting Rod Grade O	4115C362	4
Connecting Rod Grade W	4115C363	4
Connecting Rod Grade G	4115C364	4
Connecting Rod Grade P	4115C365	4
Connecting Rod Grade B	4115C366	4
Conrod Bolt (for 4115C311-6)	3212V003	8
Conrod Bolt (for 4115C361-6)	T400001	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010679	4
Piston, Pin & Rings STD	U5PR0062	4
Piston, Pin & Rings .50mm	U5PR0062B	4
Piston, Pin & Rings 1.00mm	U5PR0062D	4
Piston & Pin STD	11010378	4
Piston & Pin .50mm	11010378B	4
Piston & Pin 1.00mm	11010378D	4
Piston Ring Set STD	UPRK0005	4
Piston Ring Set .50mm	UPRK0005B	4
Piston Ring Set 1.00mm	UPRK0005D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80279	1
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Seat, Inlet	3314A221	4
Valve Seat Exhaust	3314A231	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Push Rod	3142V011	8
Tappet	3142U061	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50324	1
Cylinder Block	ZZ50325	1
Timing Cover	4142A503	1
Timing Cover	4142A504	1
Camshaft	4112K072	1
Camshaft	4112K078	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117L272	1
Camshaft Gear	3117N001	1
Idler Gear	4111A034	1
Idler Gear	4111A048	1
Idler Gear	3117N061	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1
Head Gasket	3681E051	1
Valve Cover Gasket	3681A055	1
Oil Pan Gasket	3681K036	1
Oil Pan Gasket	3681K037	1
Exhaust Manifold Gasket	3681V512	1

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1104D-44TA ENGINE BORE : 105.00 MM

1104D-44TA ENGINE BORE : 105.00 MM

BUILD LIST NO : NM

LUBRICATING OIL SYSTEM	PART No	QTY
Balancer Unit	4111K073	1
Drive Gear	3117A101	1
Driven Gear	4111A029	1
Oil Filter	2654407	1
Oil Filter Head	3773A071	1
Oil Filter Head	3773A061	1
Oil Cooler	2486A217	1
Oil Cooler	4134W025	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	4132A018	1
Fuel Line NO.1	3525A101	1
Fuel Line NO.2	3525A102	1
Fuel Line NO.3	3525A103	1
Fuel Line NO.4	3525A104	1
Leak Off Pipe	2646F501	1
Washer	26460064	4
Injector with Nozzle	2645K026	4
Copper Washer	L311FF02	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0208	1
Water Pump (Without Pulley)	U5MW0206	1
Water Pump Repair Kit	U7LW0172	1
Thermostat	4133L507	1
Thermostat	4133L509	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A838	1
Turbocharger	2674A839	1
Turbocharger	2674A836	1
Turbocharger	2674A818	1

MISCELLANEOUS	PART No	QTY
Manifold Exhaust	3778E401	1

1104D-44TA ENGINE EOK KIT LISTS

BUILD LIST NO : NM

ENGINE: 1104D-44T,1104D-44TA EOK KIT P/N : 11010680		OPTION A
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	U5PR0062	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104D-44T,1104D-44TA EOK KIT P/N : 11010681		OPTION B
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	U5PR0062	4
Valve, Inlet	3142H071	4
Valve, Exhaust	3142A171	4
Valve Collet	2714A002	16
Valve Guide Inlet	3313A012	4
Valve Guide Exhaust	3313A012	4
Valve Spring	3174A031	8
Valve Stem Seal Inlet	2418M519	4
Valve Stem Seal Exhaust	2418M517	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

1104D-44TA ENGINE BORE : 105.00 MM

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1104D-E44T ENGINE BORE : 105.00 MM

BUILD LIST NO : NH

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90239	1
Crankshaft Kit (Inc. Bearings)	ZZ90241	1
Crankshaft Pulley	3115T051	1
Crankshaft Pulley	3115A141	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F	4115C311	4
Connecting Rod Grade G	4115C312	4
Connecting Rod Grade H	4115C313	4
Connecting Rod Grade J	4115C314	4
Connecting Rod Grade K	4115C315	4
Connecting Rod Grade L	4115C316	4
Connecting Rod Grade R	4115C361	4
Connecting Rod Grade O	4115C362	4
Connecting Rod Grade W	4115C363	4
Connecting Rod Grade G	4115C364	4
Connecting Rod Grade P	4115C365	4
Connecting Rod Grade B	4115C366	4
Conrod Bolt (for 4115C311-6)	3212V003	8
Conrod Bolt (for 4115C361-6)	T400001	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010682	4
Piston, Pin & Rings STD	U5PR0060	4
Piston, Pin & Rings .50mm	U5PR0060B	4
Piston, Pin & Rings 1.00mm	U5PR0060D	4
Piston & Pin STD	11010379	4
Piston & Pin .50mm	11010379B	4
Piston & Pin 1.00mm	11010379D	4
Piston Ring Set STD	UPRK0005	4
Piston Ring Set .50mm	UPRK0005B	4
Piston Ring Set 1.00mm	UPRK0005D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80274	1
Valve, Inlet	3142H091	4
Valve, Exhaust	3142A181	4
Valve Collet	3142W005	16
Valve Seat, Inlet	3314A251	4
Valve Seat Exhaust	3314A261	4
Valve Spring	3174A028	8
Valve Stem Seal Inlet	2418M522	4
Valve Stem Seal Exhaust	2418M522	4
Push Rod	3142V011	8
Tappet	3142U051	8
Tappet	3142U061	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50327	1
Cylinder Block	ZZ50328	1
Timing Cover	4142A504	1
Timing Cover	4142A503	1
Camshaft	4112K071	1
Camshaft	4112K073	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117N001	1
Idler Gear	4111A048	1
Idler Gear	4111A034	1
Idler Gear	3117N061	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1
Head Gasket	3681E074	1
Valve Cover Gasket	3681A069	1
Oil Pan Gasket	3681K036	1
Exhaust Manifold Gasket	3681V516	1

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1104D-E44T ENGINE BORE : 105.00 MM

BUILD LIST NO : NH

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F071	1
Balancer Unit	4111K073	1
Drive Gear	3117A101	1
Driven Gear	4111A029	1
Oil Filter	2654407	1
Oil Filter Head	3773A071	1
Oil Filter Head	3773A061	1
Oil Cooler	2486A023	1

FUEL SYSTEM	PART No	QTY
Primary Fuel Filter	2656F546	1
Primary Fuel Filter	2656F843	1
Fuel Line NO.1	3525A211	1
Fuel Line NO.2	3525A212	1
Fuel Line NO.3	3525A222	1
Fuel Line NO.4	3525A223	1
Leak Off Pipe	4121A069	1
Leak Off Pipe	4125A096	1
Injector Nozzle	2645A746	4
Injector Nozzle	2645A742	4
Copper Washer	2415D154	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0204	1
Thermostat	4133L064	1
Thermostat	4133L067	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A812	1
Turbocharger	2674A809	1

MISCELLANEOUS	PART No	QTY
Manifold Exhaust	3778E351	1

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1104D-E44T ENGINE BORE : 105.00 MM

1104D-E44TA ENGINE BORE : 105.00 MM

BUILD LIST NO : NJ

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90241	1
Crankshaft Kit (Inc. Bearings)	ZZ90239	1
Crankshaft Pulley	3115T051	1
Crankshaft Pulley	3115A141	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Rear Housing With Seal & Gasket	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Main Bearing Kit .25mm	U5MB0033A	1
Main Bearing Kit .50mm	U5MB0033B	1
Main Bearing Kit .75mm	U5MB0033C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade F	4115C311	4
Connecting Rod Grade G	4115C312	4
Connecting Rod Grade H	4115C313	4
Connecting Rod Grade J	4115C314	4
Connecting Rod Grade K	4115C315	4
Connecting Rod Grade L	4115C316	4
Connecting Rod Grade R	4115C361	4
Connecting Rod Grade O	4115C362	4
Connecting Rod Grade W	4115C363	4
Connecting Rod Grade G	4115C364	4
Connecting Rod Grade P	4115C365	4
Connecting Rod Grade B	4115C366	4
Conrod Bolt (for 4115C311-6)	3212V003	8
Conrod Bolt (for 4115C361-6)	T400001	8
Conrod Bushing	3112A005	4
Conrod Bearing Kit STD	U5ME0034	1
Conrod Bearing Kit .25mm	U5ME0034A	1
Conrod Bearing Kit .50mm	U5ME0034B	1
Conrod Bearing Kit .75mm	U5ME0034C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010682	4
Piston, Pin & Rings STD	U5PR0060	4
Piston, Pin & Rings .50mm	U5PR0060B	4
Piston, Pin & Rings 1.00mm	U5PR0060D	4
Piston & Pin STD	11010379	4
Piston & Pin .50mm	11010379B	4
Piston & Pin 1.00mm	11010379D	4
Piston Ring Set STD	UPRK0005	4
Piston Ring Set .50mm	UPRK0005B	4
Piston Ring Set 1.00mm	UPRK0005D	4
Full Liner	11010524	4
Semi Finished Liner	11010383	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80274	1
Valve, Inlet	3142H091	4
Valve, Exhaust	3142A181	4
Valve Collet	3142W005	16
Valve Seat, Inlet	3314A251	4
Valve Seat Exhaust	3314A261	4
Valve Spring	3174A028	8
Valve Stem Seal Inlet	2418M522	4
Valve Stem Seal Exhaust	2418M522	4
Push Rod	3142V011	8
Tappet	3142U061	8
Tappet	3142U051	8

CYL BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50327	1
Cylinder Block	ZZ50328	1
Timing Cover	4142A503	1
Timing Cover	4142A504	1
Timing Cover	3716R021	1
Camshaft	4112K071	1
Camshaft Bushing	3112D075	1
Camshaft Gear	3117N001	1
Idler Gear	4111A034	1
Idler Gear	3117N061	1
Glow Plug	2666A016	4
Piston Cooling Nozzle	2113A003	4

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1
Head Gasket	3681E074	1
Valve Cover Gasket	3681A069	1
Oil Pan Gasket	3681K036	1
Exhaust Manifold Gasket	3681V516	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F071	1
Balancer Unit	4111K073	1
Drive Gear	3117A101	1
Driven Gear	4111A029	1
Oil Filter	2654407	1
Oil Filter Head	3773A071	1
Oil Filter Head	3773A061	1
Oil Cooler	2486A023	1

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1104D-E44TA ENGINE BORE : 105.00 MM

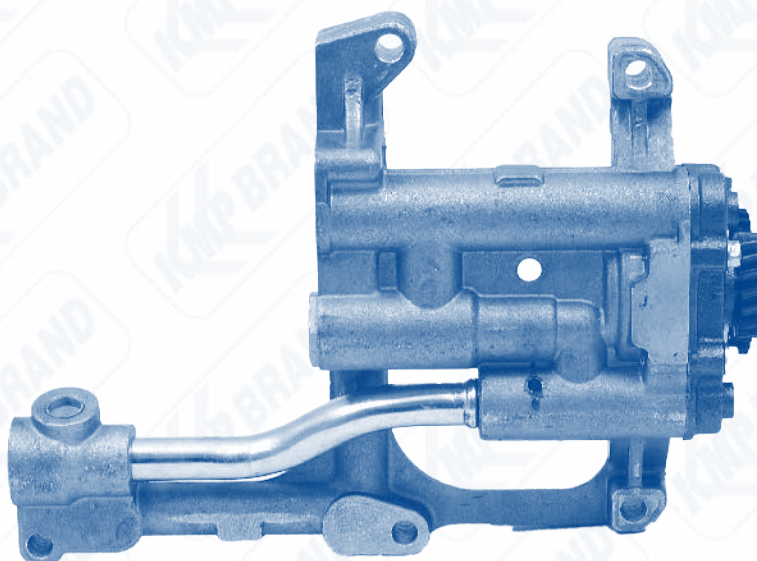
BUILD LIST NO : NJ

FUEL SYSTEM	PART No	QTY
Primary Fuel Filter	2656F843	1
Primary Fuel Filter	2656F546	1
Fuel Line NO.1	3525A211	1
Fuel Line NO.2	3525A212	1
Fuel Line NO.3	3525A222	1
Fuel Line NO.4	3525A223	1
Leak Off Pipe	3531A088	1
Leak Off Pipe	4121A069	1
Leak Off Pipe	4125A096	1
Injector with Nozzle	2645A747	4
Copper Washer	2415D154	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0204	1
Thermostat	4133L064	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A807	1
Turbocharger	2674A804	1
Turbocharger	2674A805	1

MISCELLANEOUS	PART No	QTY
Manifold Exhaust	3778E351	1



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1104D-E44TA ENGINE BORE : 105.00 MM

1104D-E44TA ENGINE EOK KIT LISTS

BUILD LIST NO : NJ

ENGINE: 1104D-E44T,1104D-E44TA EOK KIT P/N : 11010683		OPTION A
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	3212V003	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	U5PR0060	4
Valve, Inlet	3142H091	4
Valve, Exhaust	3142A181	4
Valve Collet	3142W005	16
Valve Spring	3174A028	8
Valve Stem Seal Inlet	2418M522	4
Valve Stem Seal Exhaust	2418M522	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

ENGINE: 1104D-E44TE44TA EOK KIT P/N : 11010684OPTION B		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F704	1
Main Bearing Kit STD	U5MB0033	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	4
Conrod Bolt	T400001	8
Conrod Bearing Kit STD	U5ME0034	1
Piston, Pin, Clips & Rings STD	U5PR0060	4
Valve, Inlet	3142H091	4
Valve, Exhaust	3142A181	4
Valve Collet	3142W005	16
Valve Spring	3174A028	8
Valve Stem Seal Inlet	2418M522	4
Valve Stem Seal Exhaust	2418M522	4
Camshaft Bushing	3112D075	1
Gasket Kit Cylinder Head	U5LT0357	1
Gasket Kit Cylinder Block	U5LB0381	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING
All original equipment, manufacturers' names, part numbers, symbols, drawings, colours and descriptions are for reference purposes only, and it is not implied any part is that of these manufacturers.
All efforts have been made to ensure that the information contained herein is correct.
KMP Products Europe Limited cannot be held responsible for its accuracy.

20C DIESEL ENGINE BORE : 80.98 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	825740M1	1
Rear Seal	1884048M1	1
Main Bearing Kit STD	830897M91	1
Main Bearing Kit .010	830898M91	1
Main Bearing Kit .020	894944M91	1
Main Bearing Kit .030	894945M91	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bearing Kit STD	894923M91	1
Conrod Bearing Kit .010	894924M91	1
Conrod Bearing Kit .020	894925M91	1
Conrod Bearing Kit .030	894926M91	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	883015M91	4
Piston, Pin & Rings	115741F	4
Piston & Pin	11010117	4
Piston Ring Set	11010141	4
Full Liner	106594F	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	101661	4
Valve, Exhaust	110926	4
Valve Guide Inlet	825259M1	4
Valve Guide Exhaust	105138	4

CYL.BLOCK & COMPONENTS	PART No	QTY
Drain Cock	2461104	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	106387	1
Gasket Kit Cylinder Block	894916M1	1
Head Gasket (Copper)	61153	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	826059M91	1
Oil Filter	26540218	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	826154M91	1
Fuel Pump Repair Kit	26410056	1
Primary Fuel Filter	32327	1
Secondary Fuel Filter	32327	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	1885489M92	1

MISCELLANEOUS	PART No	QTY
Ring Gear	826049M1	1



20C DIESEL ENGINE BORE : 80.98 MM

23C DIESEL ENGINE BORE : 84.14 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	825740M1	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	1884048M1	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Main Bearing Kit STD	830897M91	1
Main Bearing Kit .010	830898M91	1
Main Bearing Kit .020	894944M91	1
Main Bearing Kit .030	894945M91	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bushing	1884944M1	4
Conrod Bearing Kit STD	830899M91	1
Conrod Bearing Kit .010	830900M91	1
Conrod Bearing Kit .020	830901M91	1
Conrod Bearing Kit .030	894947M91	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	830972M92	4
Piston, Pin & Rings	11010260	4
Piston & Pin	1884101M91	4
Piston Ring Set	894900M1	4
Full Liner	1884940M1	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve Guide Inlet	825259M1	4
Valve Guide Exhaust	826162M1	4
Valve Spring Inner	1884126M1	8
Valve Spring Outer	1884125M1	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Drain Cock	2461104	1
Heater Plug	2666805	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	1810028M91	1
Gasket Kit Cylinder Block	1810027M91	1
Head Gasket	1882771M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	826059M91	1
Oil Pump	827501M91	1
Oil Filter	26540218	1

FUEL SYSTEM	PART No	QTY
Fuel Pump (up to SJ37180E)	826154M91	1
Fuel Pump (from SJ37181E)	1884857M91	1
Fuel Pump Repair Kit (pump 826154M91)	26410056	1
Primary Fuel Filter	32327	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	1885489M92	1
Water Pump (Without Pulley)	U5MW0132	1

MISCELLANEOUS	PART No	QTY
Ring Gear	11010416	1

A4.107 ENGINE BORE : 79.38 MM

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0036	4
Piston, Pin & Rings	68517	4
Piston & Pin	89216	4
Piston Ring Set	41158085	4
Full Liner	31358116	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve Collet	0230001	16
Valve Guide Inlet	3313E735	4
Valve Guide Exhaust	3316A031	4
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4

CYL.BLOCK & COMPONENTS	PART No	QTY
Drain Cock	2461104	1
Heater Plug	2666108	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Filter	26540132	1

FUEL SYSTEM	PART No	QTY
Fuel Pump Repair Kit	26410056	1
Primary Fuel Filter	26561117	1
Secondary Fuel Filter	26561117	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	41312459	1
Thermostat	2485645	1

A4.192 ENGINE BORE : 88.92 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90020	1
Rear Seal Lip	2418F475	1
Rear Seal Rope	36883106	2
Main Bearing Kit STD	68082	1
Main Bearing Kit .010	68082A	1
Main Bearing Kit .020	68082B	1
Main Bearing Kit .030	68082C	1
Thrust Washer Kit STD	USTW0003	1
Thrust Washer Kit .007	USTW0003B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90011	4
Conrod Bolt	0095250	8
Conrod Nut	33221327	8
Conrod Bushing	31134151	4
Conrod Bearing Kit STD	85035	1
Conrod Bearing Kit .010	85035A	1
Conrod Bearing Kit .020	85035B	1
Conrod Bearing Kit .030	85035C	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80089	1
Valve, Inlet	31431261	4
Valve, Exhaust	0910002	4
Valve Collet	0230001	16
Valve Guide Inlet	3316A031	4
Valve Guide Exhaust	3316A031	4
Valve Spring Inner	0780007	8
Valve Spring Outer	0780006	8
Tappet	0860012	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Idler Gear	0050345	1
Drain Cock	2461104	1
Oil Seal	30854	1
Heater Plug	2666805	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	69035	1
Gasket Kit Cylinder Block	U5LB0502	1
Head Gasket (Copper)	0490689	1
Rear Housing Gasket	33826115	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314033	1
Oil Filter Assy	2654026	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0009	1
Fuel Pump Repair Kit	26410063	1
Primary Fuel Filter	32327	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Injector Bolt	0095315	4
Washer	0921176	4
Copper Washer	0920113	4
Fuel Tank Cap	963023M2	1

COOLING SYSTEM	PART No	QTY
Water Pump (With Pulley)	U5MW0089	1
Water Pump (Without Pulley)	U5MW0089NP	1
Water Pump Repair Kit	U7LW0101	1
Thermostat	2485668	1

MISCELLANEOUS	PART No	QTY
Ring Gear	0410236	1
Tabwasher	0921062	1

A4.318 ENGINE BORE : 114.31 MM

BUILD LIST NO : NC

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Pulley	31148713	1
Front Seal	2415346	1
Rear Seal (Rope type)	36883108	2
Rear Seal (Lip type)	2418F475	1
Main Bearing Kit STD	68085	1
Main Bearing Kit .010	68085A	1
Main Bearing Kit .020	68085B	1
Main Bearing Kit .030	68085C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bushing	0050128	4
Conrod Bearing Kit STD	85041	1
Conrod Bearing Kit .010	85041A	1
Conrod Bearing Kit .020	85041B	1
Conrod Bearing Kit .030	85041C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010288	4
Piston, Pin & Rings	11010267	4
Piston & Pin	86716	4
Piston Ring Set	41158118	4
Full Liner	31358534	4
Semi Finished Liner	31358533	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431154	4
Valve, Exhaust	31431671	4
Valve Collet	33173108	16
Valve Guide Inlet	33432532	4
Valve Guide Exhaust	33432532	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Valve Stem Seal C/W Spring	33817117S	4

CYL.BLOCK & COMPONENTS	PART No	QTY
Drain Cock	2461104	1
Tachometer	2758348	1
Heater Plug	2666108	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0520	1
Gasket Kit Cylinder Block	U5LB0221	1
Head Gasket	36812337	1
Rear Housing Gasket	33826115	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314113	1
Oil Filter	26560090	1
Oil Filter Head	37764181	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0010	1
Fuel Pump Repair Kit	26410063	1
Primary Fuel Filter	26561117	1
Secondary Fuel Filter	26561117	1
Fuel Bowl 1	26560075	1
Fuel Bowl 2	26560111	1
Injector Bolt	0095315	4
Washer	0921176	4
Copper Washer	0921173	4
Fuel Tank Cap	963023M2	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0014	1
Water Pump	U5MW0009	1

MISCELLANEOUS	PART No	QTY
Tabwasher	0921062	

A4.318 ENGINE BORE : 114.31 MM

A4.318.2 ENGINE BORE : 114.31 MM

BUILD LIST NO : ND

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	2415346	1
Rear Seal	2418F475	1
Main Bearing Kit STD	68085	1
Main Bearing Kit .010	68085A	1
Main Bearing Kit .020	68085B	1
Main Bearing Kit .030	68085C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bushing	0050128	4
Conrod Bearing Kit STD	85041	1
Conrod Bearing Kit .010	85041A	1
Conrod Bearing Kit .020	85041B	1
Conrod Bearing Kit .030	85041C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Full Liner	31358534	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431154	4
Valve, Exhaust	31431671	4
Valve Collet	33173108	16
Valve Guide Inlet	33432532	4
Valve Guide Exhaust	33432532	4
Valve Spring Inner	31744131	8
Valve Spring Outer	31745121	8

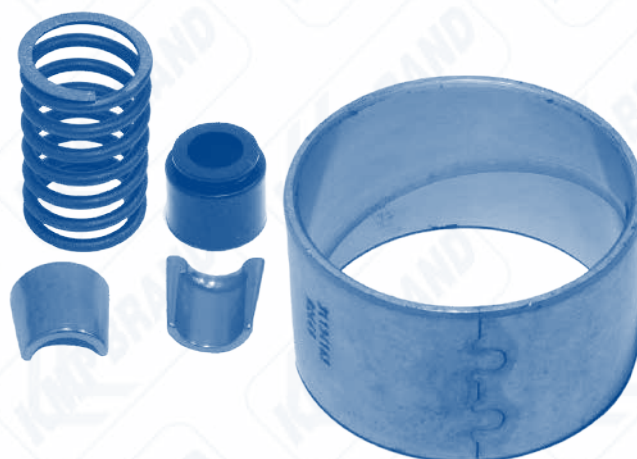
GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0520	1
Gasket Kit Cylinder Block	U5LB0221	1
Head Gasket	36812337	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314113	1

FUEL SYSTEM	PART No	QTY
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Fuel Tank Cap	963023M2	1
Damper	883623M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0009	1
Water Pump	U5MW0014	1

MISCELLANEOUS	PART No	QTY
Tabwasher	0921062	1



P4000 ENGINE BORE : 101.05 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Gear	31171681	1
Front Seal	70730043 (2418F437)	1
Rear Seal	70730050 (2418F475)	1
Main Bearing Kit STD	423669 (81558)	1
Main Bearing Kit .010	423669A (81558A)	1
Main Bearing Kit .020	423669B (81558B)	1
Main Bearing Kit .030	423669C (81558C)	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	4
Conrod Bolt	32762145	8
Conrod Nut	70570094 (33221328)	8
Conrod Bearing Kit STD	423670 (85042)	1
Conrod Bearing Kit .010	423670A (85042A)	
Conrod Bearing Kit .020	423670B (85042B)	
Conrod Bearing Kit .030	423670C (85042C)	

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	P4016	4
Piston & Pin	P4015	4
Piston Ring Set	P4017	4
Semi Finished Liner	3135X033	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	70910098	4
Valve, Exhaust	70910099	4
Valve Collet	70230010	16
Valve Guide Inlet	70420019	4
Valve Guide Exhaust	70420019	4
Valve Stem Seal Inlet	70730051	4
Valve Stem Seal Exhaust	70730051	4
Tappet	31434163	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Bushing	31134165	1

GASKET KITS & GASKETS	PART No	QTY
Gsket Kit Cylinder Head (Early)	P4007	1
Gasket Kit Cylinder Head (Late)	B71612	1
Gasket Kit Cylinder Block	P4006	1
Head Gasket (Early)	70490304	1
Head Gasket (Late)	70998194	1
Valve Cover Gasket	70490258	1
Oil Pan Gasket	U5MK0600	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	70998135 (41733082)	1
Balancer Unit Repair Kit	B92601	1
Front Bearing	70998103	1
Rear Bearing	70998104	1
Shaft Long	70750043	1
Shaft Short	70750045	1
Oil Filter	2654403	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	ULPK0005	1
Primary Fuel Filter	26560602	1
Fuel Bowl 1	26560075	1
Copper Washer	0921173	4

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0106	1
Thermostat	2485666	1
	70998113	1

MISCELLANEOUS	PART No	QTY
Ring Gear	3408357M1	1

P4000 ENGINE BORE : 101.05 MM

P4000T ENGINE BORE : 101.05 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Gear	31171681	1
Front Seal	70730043 (2418F437)	1
Rear Seal	70730050 (2418F475)	1
Main Bearing Kit STD	423669 (81558)	1
Main Bearing Kit .010	423669A (81558A)	1
Main Bearing Kit .020	423669B (81558B)	1
Main Bearing Kit .030	423669C (81558C)	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bolt	32762145	8
Conrod Nut	70570094 (33221328)	8
Conrod Bushing	70998078	4
Conrod Bearing Kit STD	4236114	1
Conrod Bearing Kit .010	4236114A	1
Conrod Bearing Kit .020	4236114B	1
Conrod Bearing Kit .030	4236114C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	P4012	4
Piston, Pin & Rings	11010596	4
Piston & Pin	P4009	4
Piston Ring Set	P4017	4
Semi Finished Liner	3135X033	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	70998020	4
Valve, Exhaust	70910099	4
Valve Collet	70230010	16
Valve Guide Inlet	70420019	4
Valve Guide Exhaust	70420019	4
Valve Stem Seal Inlet	70730051	4
Valve Stem Seal Exhaust	70730051	4
Tappet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Bushing	31134165	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	P4008	1
Gasket Kit Cylinder Block	P4006	1
Head Gasket	3681E034	1
Valve Cover Gasket	70490258	1
Oil Pan Gasket	U5MK0600	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Oil Filter	2654403	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	ULPK0005	1
Fuel Bowl 1	26560075	1

COOLING SYSTEM	PART No	QTY
Thermostat	70998113	1

MISCELLANEOUS	PART No	QTY
Ring Gear	3408357M1	1

P4001 ENGINE BORE : 101.05 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Gear	31171681	1
Front Seal	70730043 (2418F437)	1
Rear Seal	70730050 (2418F475)	1
Main Bearing Kit STD	423669 (81558)	1
Main Bearing Kit .010	423669A (81558A)	1
Main Bearing Kit .020	423669B (81558B)	1
Main Bearing Kit .030	423669C (81558C)	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	4
Conrod Bolt	32762145	8
Conrod Nut	70570094 (33221328)	8
Conrod Bearing Kit STD	423670 (85042)	1
Conrod Bearing Kit .010	423670A (85042A)	1
Conrod Bearing Kit .020	423670B (85042B)	1
Conrod Bearing Kit .030	423670C (85042B)	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	P4016	4
Piston & Pin	P4015	4
Piston Ring Set	P4017	4
Semi Finished Liner	3135X033	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	70910098	4
Valve, Exhaust	70910099	4
Valve Collet	70230010	16
Valve Guide Inlet	70420019	4
Valve Guide Exhaust	70420019	4
Valve Stem Seal Inlet	70730051	4
Valve Stem Seal Exhaust	70730051	4
Tappet	31434163	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Bushing	31134165	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head (Early)	P4007	1
Gasket kit Cylinder Head (Late)	B71612	1
Gasket Kit Cylinder Block	P4006	1
Head Gasket (Early)	70490304	1
Head gasket (Late)	70998194	1
Valve Cover Gasket	70490258	1
Oil Pan Gasket	U5MK0600	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	70998135 (41733082)	1
Balancer Unit Repair Kit	B92601	1
Front Bearing	70998103	1
Rear Bearing	70998104	1
Shaft Long	70750043	1
Shaft Short	70750044	1
Oil Filter	2654403	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	ULPK0005	1
Primary Fuel Filter	26560017	1
Fuel Bowl 1	26560075	1
Copper Washer	0921173	4

COOLING SYSTEM	PART No	QTY
Thermostat	70998113	1

MISCELLANEOUS	PART No	QTY
Ring Gear	3408357M1	1

P4001 ENGINE BORE : 101.05 MM

P4001T ENGINE BORE : 101.05 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Gear	31171681	1
Front Seal	70730043 (2418F437)	1
Rear Seal	70730050 (2418F475)	1
Main Bearing Kit STD	423669 (81558)	1
Main Bearing Kit .010	423669A (81558A)	1
Main Bearing Kit .020	423669B (81558B)	1
Main Bearing Kit .030	423669C (81558C)	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bolt	32762145	8
Conrod Nut	70570094 (3321328)	8
Conrod Bushing	70998078	4
Conrod Bearing Kit STD	4236114	1
Conrod Bearing Kit .010	4236114A	1
Conrod Bearing Kit .020	4236114B	1
Conrod Bearing Kit .030	4236114C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	P4012	4
Piston, Pin & Rings	11010596	4
Piston & Pin	P4009	4
Piston Ring Set	P4017	4
Semi Finished Liner	3135X033	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	70998020	4
Valve, Exhaust	70910099	4
Valve Collet	70230010	16
Valve Guide Inlet	70420019	4
Valve Guide Exhaust	70420019	4
Valve Stem Seal Inlet	70730051	4
Valve Stem Seal Exhaust	70730051	4
Tappet	3142U991	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Bushing	31134165	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	P4008	1
Gasket Kit Cylinder Block	P4006	1
Head Gasket	3681E034	1
Valve Cover Gasket	70490258	1
Oil Pan Gasket	U5MK0600	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Oil Filter	2654403	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	ULPK0005	1
Primary Fuel Filter	26560017	1
Fuel Bowl 1	26560075	1
Copper Washer	0921173	4

COOLING SYSTEM	PART No	QTY
Thermostat	70998113	1

MISCELLANEOUS	PART No	QTY
Ring Gear	3408357M1	1

85 MM PETROL/VO/LO ENGINE BORE : 85.00 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	825740M1	1
Main Bearing Kit STD	825840M1	1
Main Bearing Kit .010	825840M1A	1
Main Bearing Kit .020	825840M1B	1
Main Bearing Kit .030	825840M1C	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bearing Kit STD	1810083M91	1
Conrod Bearing Kit .010	1810083M91A	1
Conrod Bearing Kit .020	1810083M91B	1
Conrod Bearing Kit .030	1810083M91C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit (85mm Petrol,VO)	883013M91	4
Piston, Pin & Rings (85mm Petrol,VO)	102968	4
Piston & Pin (85mm Petrol,VO)	11010130	4
Piston Ring Set (85mm Petrol,VO)	11010151	4
Full Liner (85mm Petrol,VO)	893007M1	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	101871	4
Valve, Exhaust	100652	4
Valve Guide Inlet (85mm Petrol,VO)	825259M1	4
Valve Guide Exhaust (85mm Petrol,VO)	825259M1	4

CYL.BLOCK & COMPONENTS	PART No	QTY
Drain Cock (85 mm VO,LO)	2461104	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	3901525M91	1
Gasket Kit Cylinder Block	894915M91	1
Head Gasket	3901420M1	1
Valve Cover Gasket	829029M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	827501M91	1
Oil Filter (85mm Petrol)	26560090	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	1885489M92	1
Thermostat (85mm VO)	2485644	1



85 MM PETROL/VO/LO ENGINE BORE :

87 MM PETROL ENGINE BORE : 87.00 MM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	825740M1	1
Main Bearing Kit STD	825840M1	1
Main Bearing Kit .010	825840M1A	1
Main Bearing Kit .020	825840M1B	1
Main Bearing Kit .030	825840M1C	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod Bearing Kit STD	1810083M91	1
Conrod Bearing Kit .010	1810083M91A	1
Conrod Bearing Kit .020	1810083M91B	1
Conrod Bearing Kit .030	1810083M91C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010116	4
Piston, Pin & Rings	826276M91	4
Piston & Pin	11010131	4
Piston Ring Set	11010234	4
Full Liner	825861M1	4

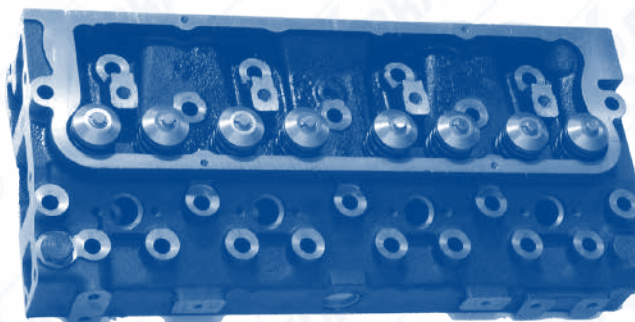
CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve Guide Inlet	825259M1	4
Valve Guide Exhaust	826162M1	4

CYL.BLOCK & COMPONENTS	PART No	QTY
Drain Cock	2461104	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	827560M1	1
Head Gasket	826250M1	1
Valve Cover Gasket	829029M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	827501M91	1
Oil Filter	26560090	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	1885489M92	1
Thermostat	2485645	1



4.41 ENGINE BORE : 101.05 MM

BUILD NO : LM

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90081	1
Crankshaft Gear	31171681	1
Front Seal	2418F437	1
Rear Seal	2418F475	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	81558	1
Main Bearing Kit .010	81558A	1
Main Bearing Kit .020	81558B	1
Main Bearing Kit .030	81558C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	4
Con Rod Bolt	3276116	8
Con Rod Nut	33111328	8
Con Rod Bush	31134123	4
Conrod Bearing Kit STD	85042	1
Conrod Bearing Kit .010	85042A	1
Conrod Bearing Kit .020	85042B	1
Conrod Bearing Kit .030	85042C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010454	4
Piston, Pin & Rings	11010453	4
Piston & Pin	U5LL0031	4
Piston Ring Set	4115Y001	4
Full Liner (New Block)	3135X034	4
Semi Finished Liner (New Block)	3135X033	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	3142L051	4
Valve, Exhaust	3142A051	4
Valve Collet	33173108	16
Valve Guide Inlet	3343F041	4
Valve Guide Exhaust	3343J021	4
Valve Stem Seal Inlet	33817117	4
Valve Stem Seal Exhaust	33817117	4
Valve Stem Seal With Spring	33817117S	8
Push Rod	31434307	8
Tappet	31434165	8

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft	31415361	1
Camshaft Bushing	31134165	1
Idler Gear	0050345	1
Idler Gear	41115023	1
Drain Cock	2461104	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0196	1
Gasket Kit Cylinder Block	U5LB0146	1
Gasket Kit Cylinder Block	U5LB0145	1
Head Gasket	3681E025	1
Valve Cover Gasket (Plastic)	3681A028	1
Valve Cover Gasket (Cork)	3681A021	1
Oil Pan Gasket	3681K003	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F041	1
Balancer Unit	4111K053	1
Front Bearing	2551A009	1
Rear Bearing	2551A014	1
Shaft Long	3117V003	1
Drive Gear	3116W001	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0001	1
Fuel Pump	ULPK0005	1
Fuel Pump Repair Kit	26410096	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Injector Nozzle	2645A604	4
Injector Nozzle	6801027	4
Fuel Tank Cap	3782340M1	1
Damper	883623M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0106	1
Water Pump (Without Pulley)	U5MW0095	1
Thermostat	2485613	1

4.41 ENGINE BORE : 101.05 MM

A6.354 ENGINE BORE : 98.48 MM

BUILD LIST NO : TC

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings Lip Seal)	ZZ90090	1
Crankshaft Kit (Inc. Bearings Rope Seal)	ZZ90089	1
Front Seal	2418F437	1
Rear Lip Seal	2418F475	1
Rope Seal	36883108	2
Main Bearing Kit STD	85010	1
Main Bearing Kit .010	85010A	1
Main Bearing Kit .020	85010B	1
Main Bearing Kit .030	85010C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bushing	31134123	6
Conrod Bearing Kit STD	85043	1
Conrod Bearing Kit .010	85043A	1
Conrod Bearing Kit .020	85043B	1
Conrod Bearing Kit .030	85043C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0127	6
Piston, Pin & Rings	68509	6
Piston & Pin	86740	6
Piston Ring Set	41158041	6
Full Liner	31358394	6
Cylinder Kit	11010462	6
Piston, Pin & Rings	68510	6
Piston & Pin	86740	6
Piston Ring Set (Duaflax)	41158029	6
Full Liner	31358394	6
Piston Ring Set .030"	11010365	6
Semi Finished Liner	31358393	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	31434307	12
Tappet	31434165	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Gear	31171353	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1181	1
Gasket Kit Cylinder Block	U5LB0043	1
Head Gasket	36812546	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314131	1
Oil Pump	41314067	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0007	1
Fuel Pump Repair kit	26410063	1
Primary Fuel Filter	26561117	1
Secondary Fuel Filter	26561117	1
Injector Bolt	0095315	6
Washer	0921176	6
Copper Washer	0921173	6

COOLING SYSTEM	PART No	QTY
Water Pump	U5MW0111	1
Water Pump Repair Kit	U7LW0060	2
Thermostat	2485668	1
Thermostat	2485645	2

MISCELLANEOUS	PART No	QTY
Ring Gear	0410264	1
Tabwasher	0921062	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING
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A6.354 ENGINE EOK KIT LISTS

BUILD LIST NO : TC

ENGINE: A6.354 EOK KIT P/N : 11010712	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	85010	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	85043	1
Cylinder Kit	11010462	6
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	317441331	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Gasket Kit Cylinder Head	U5LT1181	1
Gasket Kit Cylinder Block	U5LB0043	1
Cylinder Kit 11010462 Consists of :		
Piston, Pin & Clips	86740	1
Ring Set	41158029	1
Liner	31358394	1

ENGINE: A6.354 EOK KIT P/N : 11010713	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Rope	36883108	2
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	85010	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	85043	1
Cylinder Kit	U5MK0127	6
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Gasket Kit Cylinder Head	U5LT1181	1
Gasket Kit Cylinder Block	U5LB0043	1
Cylinder Kit U5MK0127 Consists of :		
Piston, Pin & Clips	86740	1
Ring Set	41158041	1
Liner	31358394	1



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A6.354 ENGINE BORE : 98.48 MM

A6.354.1 ENGINE BORE : 98.48 MM

BUILD LIST NO : TG

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	2418F437	1
Rear Seal	2418F475	1
Main Bearing Kit STD	85010	1
Main Bearing Kit .010	85010A	1
Main Bearing Kit .020	85010B	1
Main Bearing Kit .030	85010C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bushing	31134123	6
Conrod Bearing Kit STD	U5ME0003	1
Conrod Bearing Kit .010	U5ME0003A	1
Conrod Bearing Kit .020	U5ME0003B	1
Conrod Bearing Kit .030	U5ME0003C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0125	6
Piston, Pin & Rings	68512	6
Piston & Pin	86745	6
Piston Ring Set	41158032	6
Full Liner (Std Block)	31358394	6
Semi Finished Liner (Std Block)	31358393	6
Semi Finished Liner	31358324	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Push Rod	31434307	12
Tappet	31434165	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Gear	31171353	1
Oil Seal	2418F432	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1186	1
Gasket Kit Cylinder Block	U5LB0043	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314131	1
Oil Pump	41314067	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0007	1
Fuel Pump Repair Kit	ULPR0004	1
Primary Fuel Filter	26561117	1
Secondary Fuel Filter	26561117	1
Injector Bolt	0095315	6
Washer	0921176	6
Copper Washer	0921173	6

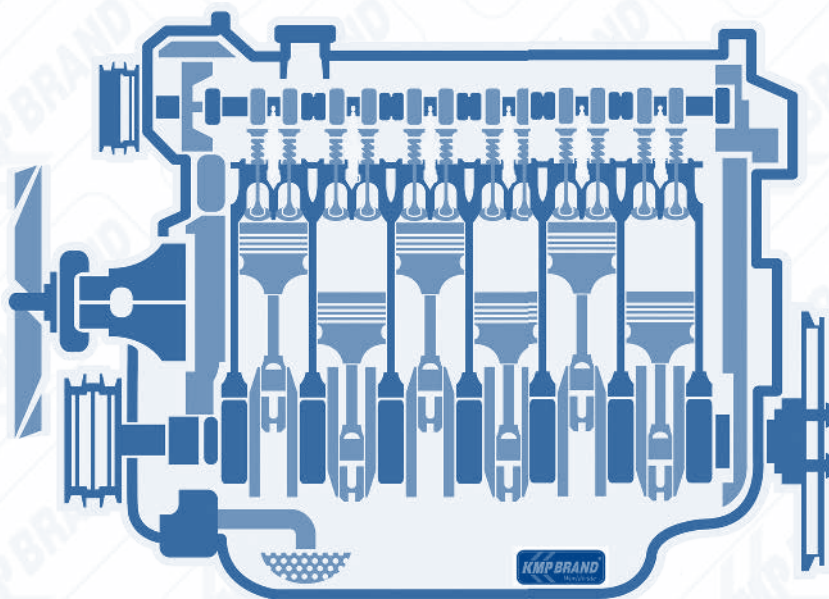
COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	41313075	1
Thermostat	2485613	1
Thermostat	2485645	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Tabwasher	0921062	1

A6.354.1 ENGINE EOK KIT LISTS

BUILD LIST NO : TG

ENGINE: A6.354.1 EOK KIT P/N : 11010711 DESCRIPTION	OPTION A PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	85010	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	USME0003	1
Cylinder Kit	USMK0125	6
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Gasket Kit Cylinder Head	U5LT1186	1
Gasket Kit Cylinder Block	U5LB0043	1
Cylinder Kit USMK0125 Consists of :		
Piston, Pin & Clips	86745	1
Ring Set	41158032	1
Liner	31358394	1



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A6.354.1 ENGINE BORE : 98.48 MM

A6.354.4 ENGINE BORE : 98.48 MM

BUILD LIST NO : TW

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90113	1
Front Seal	2418F437	1
Rear Seal	2418F475	1
Main Bearing Kit STD	68079	1
Main Bearing Kit .010	68079A	1
Main Bearing Kit .020	68079B	1
Main Bearing Kit .030	68079C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bushing	31134123	6
Conrod Bearing Kit STD	85043	1
Conrod Bearing Kit .010	85043A	1
Conrod Bearing Kit .020	85043B	1
Conrod Bearing Kit .030	85043C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010391	6
Piston, Pin & Rings	68509	6
Piston & Pin	U5LP0021	6
Piston Ring Set	41158017	6
Full Liner	31358394	6
Cylinder Kit	U5MK0127	6
Piston, Pin & Rings	11010390	6
Piston & Pin	86740	6
Piston Ring Set	41158041	6
Full Liner	31358394	6
Semi Finished Liner	31358393	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	31434307	12
Tappet	31434165	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Gear	31171353	1
Drain Cock	2461104	1
Oil Seal	2418F432	1
Tachometer	2758348	1
Heater Plug	2666108	1
Heater Plug	2666103	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0018	1
Gasket Kit Cylinder Block	U5LB0043	1
Head Gasket	3681H202	1
Rear Housing Gasket	4223587M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F015	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0002	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Injector Bolt	0095315	6
Washer	0921176	6
Injector Nozzle	2645A604	6
Copper Washer	0921173	6
Fuel Tank Cap	963023M2	1
Fuel Tank Cap	3041489M4	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0133	1
Water Pump	U5MW0129	1
Thermostat	2485613	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Tabwasher	0921062	1

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A6.354.4 ENGINE EOK KIT LISTS

BUILD LIST NO : TW

ENGINE: A6.354.4 EOK KIT P/N : 11010708	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68079	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	85043	1
Cylinder Kit	11010391	6
Valve, Inlet	31431315	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Gasket Kit Cylinder Head	U5LT0018	1
Gasket Kit Cylinder Block	U5LB0043	1
Cylinder Kit 11010391 Consists of :		
Piston, Pin & Clips	U5LP0021	1
Ring Set	41158017	1
Liner	31358394	1

ENGINE: A6.354.4 EOK KIT P/N : 11010709	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68079	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	85043	1
Cylinder Kit	U5MK0127	6
Valve, Inlet	31431315	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Gasket Kit Cylinder Head	U5LT0018	1
Gasket Kit Cylinder Block	U5LB0043	1
Cylinder Kit U5MK0127 Consists of :		
Piston, Pin & Clips	86740	1
Ring Set	41158041	1
Liner	31358394	1



AT6.354.4 ENGINE BORE : 98.48 MM

BUILD LIST NO : TU

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90105	1
Crankshaft Kit (Inc. Bearings)	ZZ90086	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Main Bearing Kit STD	68079	1
Main Bearing Kit .010	68079A	1
Main Bearing Kit .020	68079B	1
Main Bearing Kit .030	68079C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90013	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bushing	31134131	6
Conrod Bearing Kit STD	U5ME0003	1
Conrod Bearing Kit .010	U5ME0003A	1
Conrod Bearing Kit .020	U5ME0003B	1
Conrod Bearing Kit .030	U5ME0003C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0071	6
Piston, Pin & Rings	U5PR0011	6
Piston & Pin	68803	6
Piston Ring Set	41158005	6
Full Liner (Std Block)	31358394	6
Semi Finished Liner (Std Block)	31358393	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	31434307	12
Tappet	31434165	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Camshaft Gear	31171353	1
Oil Seal	2418F432	1
Heater Plug	2666108	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0018	1
Gasket Kit Cylinder Block	U5LB0043	1
Head Gasket	3681H202	1
Rear Housing Gasket	4223587M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F016	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0002	1
Primary Fuel Filter	26561117	1
Primary Fuel Filter	26560602	1
Secondary Fuel Filter	26561117	1
Injector Bolt	0095315	6
Washer	0921176	6
Fuel Tank Cap	3041489M4	1

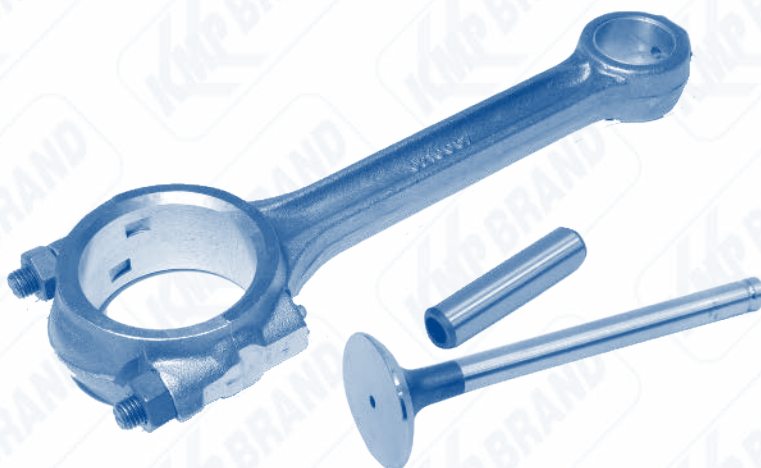
COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0133	1
Water Pump (Without Pulley)	U5MW0132	1
Thermostat	2485613	1

MISCELLANEOUS	PART No	QTY
Tabwasher	0921062	

AT6.354.4 ENGINE EOK KIT LISTS

BUILD LIST NO : TU

ENGINE: AT6.354.4 EOK KIT P/N : 11010710	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	68079	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	31134131	6
Conrod Bolt	32762116	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	USME0003	1
Cylinder Kit	USMK0071	6
Valve, Inlet	31431315	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Gasket Kit Cylinder Head	U5LT0018	1
Gasket Kit Cylinder Block	U5LB0043	1
Cylinder Kit USMK0071 Consists of :		
Piston, Pin & Clips	68803	1
Ring Set	41158005	1
Liner	31358394	1



IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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AT6.354.4 ENGINE BORE : 98.48 MM

1006.6 ENGINE BORE : 100.00 MM

BUILD LIST NO : YA

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90218	1
Crankshaft Gear	3117C061	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0030	1
Main Bearing Kit .25mm	U5MB0030A	1
Main Bearing Kit .50mm	U5MB0030B	1
Main Bearing Kit .75mm	U5MB0030C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	ZZ90009	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bushing	31134123	6
Conrod Bearing Kit STD	85043	1
Conrod Bearing Kit .25mm	85043A	1
Conrod Bearing Kit .50mm	85043B	1
Conrod Bearing Kit .75mm	85043C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK0142	6
Piston, Pin & Rings STD	U5PR0016	6
Piston & Pin	U5LL0015	6
Piston Ring Set	4181A019	6
Full Liner	3135X042	6
Cylinder Kit	11010464	6
Piston, Pin & Rings STD	11010624	6
Piston & Pin	U5LL0021	6
Piston Ring Set	4181A041	6
Full Liner	3135X042	6
Semi Finished Liner	3135X041	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80226	1
Valve, Inlet	3142L051	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Seat, Inlet	3314A121	6
Valve Seat Exhaust	3314A011	6
Valve Spring Inner	31744133	6
Valve Spring Outer	31745122	6
Valve Spring Outer	3174P405	6
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	34134307	12
Tappet	3142U991	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50295	1
Timing Cover	4142A180	1
Camshaft	4112K051	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L023	1
Idler Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3861A027	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Head Gasket	3681H208	1
Valve Cover Gasket	3681C003	1
Valve Cover Gasket	3681C001	1
Oil Pan Gasket	3681M005	1
Oil Pan Gasket	3681M007	1
Rocker Cover Gasket	3681C001	1
Exhaust Manifold Gasket	36862191	2
Exhaust Manifold Gasket	3688C017	1
Timing Cover Gasket	3681P029	1

1006.6 ENGINE BORE : 100.00 MM

BUILD LIST NO : YA

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F043	1
Oil Filter	2654407	1
Oil Filter Head	3773K051	1
Oil Filler Cap	3781A003	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0002	1
Fuel Pump Repair Kit	ULPR0002	1
Primary Fuel Filter	26560155	1
Fuel Line No.1 (UP TO S/N U593765A)	2646A151	1
Fuel Line No.2 (UP TO S/N U593765A)	2646A152	1
Fuel Line No.3 (UP TO S/N U593765A)	2646A153	1
Fuel Line No.4 (UP TO S/N U593765A)	2646A154	1
Fuel Line No.5 (UP TO S/N U593765A)	2646A155	1
Fuel Line No.6 (UP TO S/N U593765A)	2646A156	1
Fuel Line No.1 (FROM S/N U593766A)	3522N021	1
Fuel Line No.2 (FROM S/N U593766A)	3522N022	1
Fuel Line No.3 (FROM S/N U593766A)	3522N023	1
Fuel Line No.4 (FROM S/N U593766A)	3522N024	1
Fuel Line No.5 (FROM S/N U593766A)	3522N025	1
Fuel Line No.6 (FROM S/N U593766A)	3522N026	1
Leak Off Pipe	3558X021	1
Injector Nozzle Assy	2645A020	6
Injector Nozzle	2645A608	6
Washer	0921173	6

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0092	1
Water Pump (Without Pulley)	U5MW0159	1
Water Pump Repair Kit	U7LW0087	1
Thermostat	2485613	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31161148	1
Manifold Exhaust	3778M011	1

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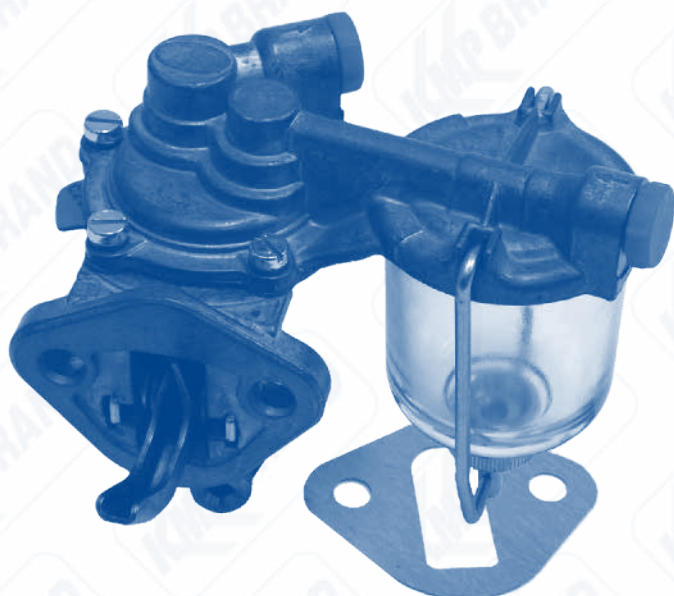
1006.6 ENGINE BORE : 100.00 MM

1006.6 ENGINE EOK KIT LISTS

BUILD LIST NO : YA

ENGINE: 1006.6 EOK KIT P/N : 11010625	OPTION A	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	85043	1
Cylinder Kit	U5MK0142	6
Valve, Inlet	3142L051	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0142 Consists of :		
Piston, Pin & Clips	U5LL0015	1
Ring Set	4181A019	1
Liner	3135X042	1

ENGINE: 1006.6 EOK KIT P/N : 11010626	OPTION B	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134123	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	85043	1
Cylinder Kit	11010464	6
Valve, Inlet	3142L051	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010464 Consists of :		
Piston, Pin & Clips	U5LL0021	1
Ring Set	4181A041	1
Liner	3135X042	1



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1006.6T ENGINE BORE : 100.00 MM

BUILD NO : YB YC YD

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90218	1
Crankshaft Gear	3117C061	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0030	1
Main Bearing Kit .25mm	U5MB0030A	1
Main Bearing Kit .50mm	U5MB0030B	1
Main Bearing Kit .75mm	U5MB0030C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod	4115C331	6
Connecting Rod	4115C321	6
Conrod Bolt	32762145	12
Conrod Bolt (4115C321)	3212V003	12
Conrod Nut	33221328	12
Conrod Bushing	31134131	6
Conrod Bushing (4115C321)	3112A006	6
Conrod Bearing Kit STD	U5ME0035	1
Conrod Bearing Kit .25mm	U5ME0035A	1
Conrod Bearing Kit .50mm	U5ME0035B	1
Conrod Bearing Kit .75mm	U5ME0035C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	USMK0275	6
Piston, Pin & Rings STD	U5PRO040	6
Piston & Pin STD	U5LL0016	6
Piston Ring Set STD	4181A026	6
Full Liner	3135X042	6
Semi Finished Liner	3135X041	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80228	1
Valve, Inlet	3142L051	6
Valve, Inlet	3142L071	6
Valve, Inlet	3142L072	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Seat, Inlet	3324E002	6
Valve Seat Exhaust	3314A121	6
Valve Spring Inner	31744133	6
Valve Spring Outer	31745122	6
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	31434307	12
Tappet	3142U991	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50295	1
Timing Cover	4142A171	1
Camshaft	4112K051	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L023	1
Idler Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3861A027	6

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Head Gasket	3681H208	1
Valve Cover Gasket	3681C003	1
Valve Cover Gasket	3681C001	1
Oil Pan Gasket	3681M005	1
Exhaust Manifold Gasket	3688C017	1
Exhaust Manifold Gasket	36862191	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F057	1
Oil Filter	2654403	1
Oil Filter Head	41321046	1
Oil Cooler	2486A972	1
Oil Cooler	2486A971	1

1006.6T ENGINE BORE : 100.00 MM

BUILD NO : YB YC YD

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0002	1
Primary Fuel Filter	26560608	1
Fuel Line No.1	2646A157	1
Fuel Line No.2	2646A158	1
Fuel Line No.3	2646A159	1
Fuel Line No.4	2646A160	1
Fuel Line No.5	2646A161	1
Fuel Line No.6	2646A162	1
Fuel Line No.1	3521P062	1
Fuel Line No.2	3521P063	1
Fuel Line No.3	3521P064	1
Fuel Line No.4	3521P065	1
Fuel Line No.5	3521P066	1
Fuel Line No.6	3521P067	1
Leak Off Pipe	3558X021	1
Injector Assy	2645L018	6
Washer	0921173	6
Injector Nozzle	2645L605	6
Fuel Tank Cap	4274363M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0092	1
Water Pump Repair Kit	U7LW0087	1
Thermostat	2485613	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A059	1
Turbocharger	2674A080	1
Turbocharger	2674A110	1
Turbocharger	2674A162	1

MISCELLANEOUS	PART No	QTY
Manifold Exhaust	3778M021	1

1006.6T ENGINE EOK KIT LISTS

BUILD NO : YB YC YD

ENGINE: 1006.6T EOK KIT P/N : 11010629	OPTION A PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A006	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	U5MK0275	6
Valve, Inlet	3142L051	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

ENGINE: 1006.6T EOK KIT P/N : 11010630	OPTION B PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A006	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	U5MK0275	6
Valve, Inlet	3142L071	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

ENGINE: 1006.6T EOK KIT P/N : 11010631	OPTION C PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A006	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	U5MK0275	6
Valve, Inlet	3142L072	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

ENGINE: 1006.6T EOK KIT P/N : 11010632	OPTION D PART No	QTY
DESCRIPTION		
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134131	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	U5MK0275	6
Valve, Inlet	3142L051	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

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1006.6T ENGINE BORE : 100.00 MM

1006.6T ENGINE EOK KIT LISTS

BUILD NO : YB YC YD

ENGINE: 1006.6T EOK KIT P/N : 11010633	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134131	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit C/W PISTON.....	U5MK0275	6
Valve, Inlet	3142L071	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	1
Ring Set	4181A026	1
Liner	3135X042	1

ENGINE: 1006.6T EOK KIT P/N : 11010634	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	31134131	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	U5MK0275	6
Valve, Inlet	3142L072	6
Valve, Exhaust	3142A051	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744133	12
Valve Spring Outer	31745122	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1179	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit U5MK0275 Consists of :		
Piston, Pin & Clips	U5LL0016	6
Ring Set	4181A026	6
Liner	3135X042	6

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1006.60 ENGINE BORE : 100.00 MM

BUILD NO : YG

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90218	1
Crankshaft Gear	3117C061	1
Front Seal	2418F437	1
Front Seal (Red Silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red Silicone)	2415391	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0030	1
Main Bearing Kit .25mm	U5MB0030A	1
Main Bearing Kit .50mm	U5MB0030B	1
Main Bearing Kit .75mm	U5MB0030C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (Grade H)	4115C334	6
Connecting Rod (Grade J)	4115C335	6
Connecting Rod (Grade K)	4115C336	6
Connecting Rod (Grade L)	4115C337	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bushing	3112E041	4
Connecting Rod (Grade F)	4115C311	6
Connecting Rod (Grade G)	4115C312	6
Connecting Rod (Grade H)	4115C313	6
Connecting Rod (Grade J)	4115C314	6
Connecting Rod (Grade K)	4115C315	6
Connecting Rod (Grade L)	4115C316	6
Conrod Bolt	3212V003	2
Conrod Bushing	3112A005	6
Conrod Bolt	32186142	12
Conrod Bearing Kit STD	U5ME0035	1
Conrod Bearing Kit .25mm	U5ME0035A	1
Conrod Bearing Kit .50mm	U5ME0035B	1
Conrod Bearing Kit .75mm	U5ME0035C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010290	6
Piston, Pin & Rings STD	U5PR0054	6
Piston & Pin STD	U5LP0057	6
Piston Ring Set STD	4181A033	6
Full Liner	3135X062	6
Semi Finished Liner	3135X063	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80257	1
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Seat, Inlet	3314A071	6
Valve Seat Exhaust	3314A009	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Push Rod	31434307	12
Tappet	3142U991	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50296	1
Timing Cover	4142A171	1
Camshaft	3141F012	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L023	1
Idler Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3861A027	1

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Gasket Kit Cylinder Block	U5LB1301	1
Head Gasket	3681H208	1
Rocker Cover Gasket	3681A051	1
Oil Pan Gasket	3681K005	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F057	1
Oil Filter	2654407	1
Oil Filter Head	4134E031	1
Oil Cooler	2486A971	1
Oil Cooler	2486A241	1
Oil Cooler	2486A992	1
Oil Cooler	2486A993	1
Oil Filler Cap	4142X099	1

1006.60 ENGINE BORE : 100.00 MM

1006.60 ENGINE BORE : 100.00 MM

BUILD NO : YG

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0002	1
Fuel Pump Repair Kit	ULPR0002	1
Fuel Filter Kit	26560608	1
Fuel Line NO.1	3521M014	1
Fuel Line NO.1	3521M001	1
Fuel Line NO.2	3521M015	1
Fuel Line NO.2	3521M002	1
Fuel Line NO.3	3521M016	1
Fuel Line NO.3	3521M003	1
Fuel Line NO.4	3521M017	1
Fuel Line NO.4	3521M004	1
Fuel Line NO.5	3521M018	1
Fuel Line NO.5	3521M005	1
Fuel Line NO.6	3521M019	1
Fuel Line NO.6	3521M006	1
Leak Off Pipe	3558X053	1
Injector Assy	2645A043	6
Injector Nozzle	2645A311	6
Washer	L311FF02	6

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0159	1
Water Pump (Without Pulley)	U5MW0192	1
Water Pump Repair Kit	U7LW0148	1
Thermostat	2485613	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31161148	1
Manifold Exhaust	4147K008	1
Manifold Exhaust	4147K010	1
Manifold Exhaust	4147K011	1

1006.60 ENGINE EOK KIT LISTS

BUILD NO : YG

ENGINE: 1006.60/60T EOK KIT P/N : 11010635 OPTION A		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60/60T EOK KIT P/N : 11010636 OPTION B		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1301	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60/60T EOK KIT P/N : 11010637 OPTION C		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60/60TEOK KIT P/N : 11010638 OPTION D		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1301	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X042	1

1006.60 ENGINE BORE : 100.00 MM

1006.60T ENGINE BORE : 100.00 MM

BUILD LIST NO : YH YJ

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings)	ZZ90218	1
Crankshaft Gear	3117C061	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0030	1
Main Bearing Kit .25mm	U5MB0030A	1
Main Bearing Kit .50mm	U5MB0030B	1
Main Bearing Kit .75mm	U5MB0030C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod Grade H	4115C334	6
Connecting Rod Grade J	4115C335	6
Connecting Rod Grade K	4115C336	6
Connecting Rod Grade L	4115C337	6
Connecting Rod Grade F	4115C311	6
Connecting Rod Grade G	4115C312	6
Connecting Rod Grade H	4115C313	6
Connecting Rod Grade J	4115C314	6
Connecting Rod Grade K	4115C315	6
Connecting Rod Grade L	4115C316	6
Conrod Bolt (4115C334 Grades)	32762145	12
Con Rod Bolt (4115C311 Grades)	3212V003	12
Conrod Nut (4115C334 Grades)	33221328	12
Conrod Bushing (4115C334 Grades)	3112E041	6
Con Rod Bushing (4115C311 Grades)	3112A005	6
Conrod Bearing Kit STD	U5ME0035	1
Conrod Bearing Kit .25mm	U5ME0035A	1
Conrod Bearing Kit .50mm	U5ME0035B	1
Conrod Bearing Kit .75mm	U5ME0035C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010290	6
Piston, Pin & Rings STD	U5PR0054	6
Piston & Pin STD	U5LP0057	6
Piston Ring Set STD	4181A033	6
Full Liner	3135X062	6
Semi Finished Liner	3135X063	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80259	1
Valve, Inlet	3142L081	6
Valve, Inlet	3142D041	6
Valve, Exhaust	3142D051	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Seat, Inlet	3314A061	6
Valve Seat Exhaust	3314A051	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Push Rod	31434307	12
Tappet	3142U991	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50296	1
Timing Cover	4142A415	1
Camshaft	3141F012	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117L023	1
Idle Gear	0050345	1
Oil Seal	2418F437	1
Heater Plug	2666103	1
Piston Cooling Nozzle	3681A027	6

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Gasket Kit Cylinder Block	U5LB1301	1
Head Gasket	3681H208	1
Rocker Cover Gasket	3681A051	1
Oil Pan Gasket	3681K005	1
Exhaust Manifold Gasket	3688C035	2
Exhaust Manifold Gasket	3688C036	1
Exhaust Manifold Gasket	3688C042	2
Exhaust Manifold Gasket	3688C041	1
Timing Cover Gasket	3681P038	1

1006.60T ENGINE BORE : 100.00 MM

BUILD LIST NO : YH YJ

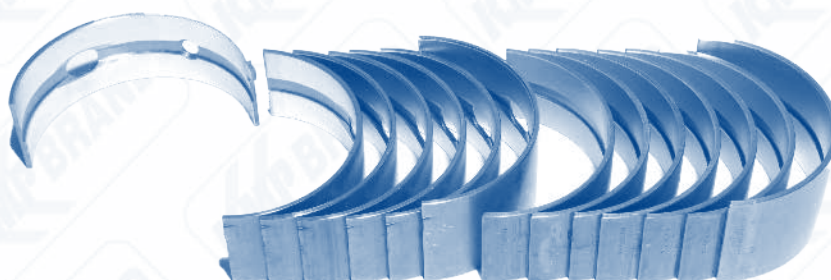
LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F057	1
Oil Filter	2654403	1
Oil Filter	2654407	1
Oil Filter Head Assy	41321046	1
Oil Filter Head Assy	3443K051	1
Oil Cooler	2486A992	1
Oil Cooler	2486A993	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0002	1
Primary Fuel Filter	2656820	1
Fuel Line NO.1	3521M014	1
Fuel Line NO.1	3521M027	1
Fuel Line NO.2	3521M015	1
Fuel Line NO.2	3521M028	1
Fuel Line NO.3	3521M016	1
Fuel Line NO.3	3521M029	1
Fuel Line NO.4	3521M017	1
Fuel Line NO.4	3521M031	1
Fuel Line NO.5	3521M018	1
Fuel Line NO.5	3521M032	1
Fuel Line NO.6	3521M019	1
Fuel Line NO.6	3521M033	1
Leak Off Pipe	3558X053	1
Injector Assy	2645A052	6
Injector Nozzle	2645A636	6
Washer	L311FF02	6
Fuel Tank Cap	3782340M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0092	1
Water Pump (Without Pulley)	U5MW0192	1
Water Pump (Without Pulley)	U5MW0156	1
Water Pump (Without Pulley)	U5MW0190	1
Water Pump Repair Kit	U7LW0087	1
Thermostat	2485613	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A099	1
Turbocharger	2674A090	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Manifold Exhaust	U5MK0620	1
Manifold Exhaust	4147K013	1
Manifold Exhaust	3778E151	1
Manifold Exhaust	3778E161	1
Manifold Exhaust	3778E171	1



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1006.60T ENGINE BORE : 100.00 MM

1006.60T ENGINE EOK KIT LISTS

BUILD LIST NO : YH YJ

ENGINE: 1006.60T EOK KIT P/N : 11010639EOK OPTION A		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142D041	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60T EOK KIT P/N : 11010640 OPTION B		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142D041	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1301	1
Cylinder Kit 11010640 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60T EOK KIT P/N : 11010641 OPTION C		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142D041	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60T EOK KIT P/N : 11010642 OPTION D		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142D041	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1301	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

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1006.60T ENGINE EOK KIT LISTS

BUILD LIST NO : YH YJ

ENGINE: 1106.60/60T EOK KIT P/N : 11010635	OPTION E	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60/60T EOK KIT P/N : 11010636	OPTION F	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1301	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60/60T EOK KIT P/N : 11010637	OPTION G	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1167	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X062	1

ENGINE: 1006.60/60T EOK KIT P/N : 11010638	OPTION H	
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F475	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E041	6
Conrod Bolt	32762145	12
Conrod Nut	33221328	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010290	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D051	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT1300	1
Gasket Kit Cylinder Block	U5LB1301	1
Cylinder Kit 11010290 Consists of :		
Piston, Pin & Clips	U5LP0057	1
Ring Set	4181A033	1
Liner	3135X042	1

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1006.60T ENGINE BORE : 100.00 MM

1106C-E60TA ENGINE BORE : 100.00 MM

BUILD LIST NO : VK

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings) from U090154J	ZZ90228	1
Crankshaft Kit (Inc. Bearings) up to U090153J	ZZ90213	1
Crankshaft Pulley	3115T091	1
Crankshaft Gear	3117C221	1
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Rear Housing With Seal & Gasket	2418F701	1
Main Bearing Kit STD	U5MB0030	1
Main Bearing Kit .25mm	U5MB0030A	1
Main Bearing Kit .50mm	U5MB0030B	1
Main Bearing Kit .75mm	U5MB0030C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (Grade F)	4115C311	6
Connecting Rod (Grade G)	4115C312	6
Connecting Rod (Grade H)	4115C313	6
Connecting Rod (Grade J)	4115C314	6
Connecting Rod (Grade K)	4115C315	6
Connecting Rod (Grade L)	4115C316	6
Conrod Bolt	3212V003	12
Conrod Bushing	3112A005	6
Conrod Bearing Kit STD	U5ME0035	1
Conrod Bearing Kit .25mm	U5ME0035A	1
Conrod Bearing Kit .50mm	U5ME0035B	1
Conrod Bearing Kit .75mm	U5ME0035C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010659	6
Piston, Pin & Rings	4115P001	6
Piston & Pin	11010562	6
Piston Ring Set	UPRK0001	6
Full Liner	3135X062	6
Semi Finished Liner	3135X063	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	ZZ80266	1
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A705	6
Valve Seat, Inlet	3314A141	6
Valve Seat Exhaust	3314A131	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Push Rod	31434307	12
Tappet	3142U991	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	ZZ50305	1
Timing Cover	3716M181	1
Timing Cover	4142A409	1
Camshaft	3141F022	1
Camshaft Bushing	31134165	1
Camshaft Gear	3117N001	1
Idler Gear (up to U185586S)	4111A034	1
Idler Gear (from U018587S)	3117N061	1
Glow Plug	2666A015	6
Piston Cooling Nozzle	3681A027	6

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	U5LT0349	1
Gasket Kit Cylinder Block	U5LB0374	1
Head Gasket	3681E043	1
Valve Cover Gasket	3681A054	1
Oil Pan Gasket	3681M007	1
Oil Pan Gasket	3681M005	1
Exhaust Manifold Gasket	3688A032	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4132F067	1
Oil Filter	2654403	1
Oil Filter Head	41321054	1
Oil Cooler	2486A993	1

1106C-E60TA ENGINE BORE : 100.00 MM

BUILD LIST NO : VK

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0036	1
Primary Fuel Filter	2656F809	1
Secondary Fuel Filter	26560141	1
Fuel Line NO.1	3525A017	1
Fuel Line NO.2	3525A021	1
Fuel Line NO.3	3525A022	1
Fuel Line NO.4	3525A018	1
Fuel Line NO.5	3525A019	1
Fuel Line NO.6	3525A023	1
Injector with Nozzle	2645F027	6
Copper Washer	L311FF02	6
Fuel Tank Cap	4274363M1	1

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0196	1
Water Pump Repair Kit	U7LW0173	1
Thermostat	2485C034	1

TURBOCHARGERS	PART No	QTY
Turbocharger	2674A342	1
Turbocharger	2674A343	1
Turbocharger	2674A345	1
Turbocharger	2674A346	1
Turbocharger	2674A349	1

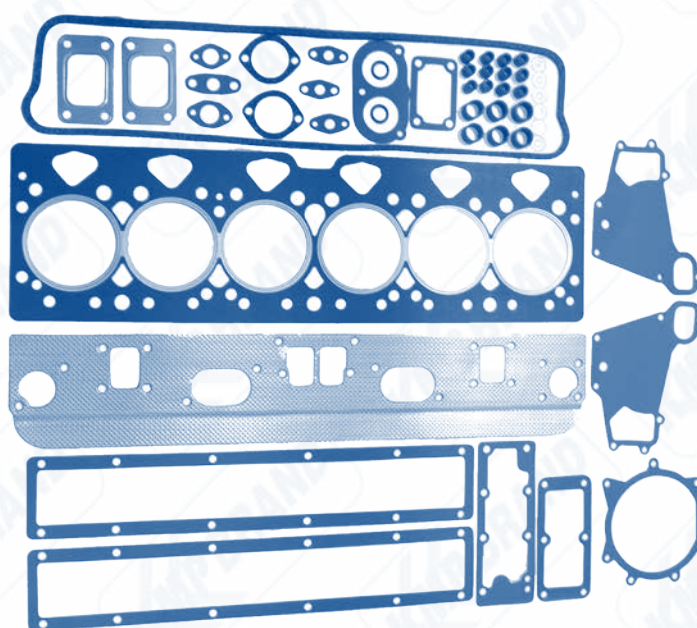
MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Manifold Exhaust	3778M141	1
Manifold Exhaust	3778M161	1

1106C-E60TA ENGINE BORE : 100.00 MM

1106C-E60TA ENGINE EOK KIT LISTS

BUILD LIST NO : VK

ENGINE: 1106-E60TA EOK KIT P/N : 11010662 OPTION A		
DESCRIPTION	PART No	QTY
Front Seal	2418F437	1
Rear Seal Lip	2418F701	1
Main Bearing Kit STD	U5MB0030	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0035	1
Cylinder Kit	11010659	6
Valve, Inlet	3142L081	6
Valve, Exhaust	3142D031	6
Valve Collet	3142W004	24
Valve Guide Inlet	3313A012	6
Valve Guide Exhaust	3318A735	6
Valve Spring	3174P409	12
Valve Stem Seal Inlet	2418M506	6
Valve Stem Seal Exhaust	2418M505	6
Camshaft Bushing	31134165	1
Gasket Kit Cylinder Head	U5LT0349	1
Gasket Kit Cylinder Block	U5LB0374	1
Cylinder Kit 11010659 Consists of :		
Piston, Pin, Clips & Rings	4115P001	6
Liner	3135X062	6



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1106C-E66TA ENGINE BORE : 100.00 MM

BUILD NO : PK

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings) up to U090153J	ZZ90213	1
Crankshaft Kit (Inc. Bearings) from U090154J	ZZ90228	1
Crankshaft Pulley	3115X031	1
Crankshaft Gear	3117C341	1
Front Seal	2418F554	1
Rear Seal	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Main Bearing Kit .25mm	U5MB0020A	1
Main Bearing Kit .50mm	U5MB0020B	1
Main Bearing Kit .75mm	U5MB0020C	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (Grade F)	4115C311	6
Connecting Rod (Grade G)	4115C312	6
Connecting Rod (Grade H)	4115C313	6
Connecting Rod (Grade J)	4115C314	6
Connecting Rod (Grade K)	4115C315	6
Connecting Rod (Grade L)	4115C316	6
Conrod Bolt	3212V003	12
Conrod Bushing	3112A005	6
Conrod Bearing Kit STD	U5ME0022	1
Conrod Bearing Kit .25mm	U5ME0022A	1
Conrod Bearing Kit .50mm	U5ME0022B	1
Conrod Bearing Kit .75mm	U5ME0022C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010659	6
Piston, Pin & Rings STD	4115P001	6
Piston & Pin STD	11010562	6
Piston Ring Set STD	UPRK0001	6
Full Liner	3135X062	6
Semi Finished Liner	3135X063	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	4181V022	1
Cylinder Head	4181V058	1
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Seat, Inlet	3314A251	6
Valve Seat Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Push Rod	3142V011	12
Tappet	3142U051	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	4181V021	1
Timing Cover	4142A503	1
Camshaft	4112K061	1
Camshaft	4112K065	1
Camshaft Bushing	3112D091	1
Camshaft Gear	3117N001	1
Glow Plug	2666A016	6
Piston Cooling Nozzle	2113A003	6

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Head Gasket	3681E052	1
Head Gasket .25mm	3681E053	1
Valve Cover Gasket	3681A068	1
Valve Cover Gasket	3681A058	1
Oil Pan Gasket	3681K041	1
Oil Pan Gasket (block to plate)	3681K044	1
Exhaust Manifold Gasket	3681V015	1

1106C-E66TA ENGINE BORE : 100.00 MM

1106C-E66TA ENGINE BORE : 100.00 MM

BUILD NO : PK

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	T410626	1
Oil Filter	2654A111	1
Oil Filter Head	3773A191	1
Oil Cooler	4133Y042	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0036	1
Primary Fuel Filter	2656F855	1
Secondary Fuel Filter	2656F843	1
Fuel Line NO.1	3525A201	1
Fuel Line NO.2	3525A202	1
Fuel Line NO.3	3525A203	1
Fuel Line NO.4	3525A204	1
Fuel Line NO.5	3525A205	1
Fuel Line NO.6	3525A206	1
Seal-o-ring	2415H014	6
Injector with Nozzle	2645A751	6
Copper Washer	2415D154	6

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0204	1
Water Pump (Without Pulley)	U5MW0205	1
Thermostat	4133L064	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A237	1
Turbocharger	2674A256	1
Turbocharger	2674A271	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Manifold Exhaust	3778M271	1

1106C-E66TA ENGINE EOK KIT LISTS

BUILD NO : PK

ENGINE: 1106C-E66TA EOK KIT P/N : 11010663 OPTION A		
DESCRIPTION	PART No	QTY
Front Seal	2418F554	1
Rear Seal Lip	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Thrust Washer Kit STD	USTW0002	1
Conrod Bushing	3112A005	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0022	1
Cylinder Kit	11010659	6
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Camshaft Bushing	3112D091	1
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Cylinder Kit 11010659 Consists of :		
Piston, Pin, Clips & Rings	4115P001	1
Liner	3135X062	1



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1106C-E66TA ENGINE BORE : 100.00 MM

1106D-E66TA ENGINE BORE : 100.00 MM

BUILD LIST NO : PJ

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft Kit (Inc. Bearings) up to U030232V	4181V019	1
Crankshaft Kit (Inc. Bearings) from U030233V	ZZ90242	1
Crankshaft Pulley	3115X031	1
Front Seal	2418F554	1
Rear Seal	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Main Bearing Kit .25mm	U5MB0020A	1
Main Bearing Kit .50mm	U5MB0020B	1
Main Bearing Kit .75mm	U5MB0020C	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Connecting Rod (Grade F)	4115C341	6
Connecting Rod (Grade J)	4115C342	6
Connecting Rod (Grade L)	4115C343	6
Connecting Rod (Grade G)	T405440	6
Connecting Rod (Grade R)	T406140	6
Connecting Rod (Grade B)	T406141	6
Conrod Bolt (for 4115C341/2/3)	3212V003	12
Conrod Bolt (for T405440/406140/1)	T400001	12
Conrod Bushing	3112E031	6
Conrod Bearing Kit STD	U5ME0022	1
Conrod Bearing Kit .010	U5ME0022A	1
Conrod Bearing Kit .020	U5ME0022B	1
Conrod Bearing Kit .030	U5ME0022C	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	11010660	6
Piston, Pin & Rings STD	U5PR0059	6
Piston & Pin STD	11010374	6
Piston Ring Set STD	UPRK0005	6
Full Liner	3135X062	6
Cylinder Kit	11010661	6
Piston, Pin & Rings STD	U5PR0058	6
Piston & Pin STD	11010375	6
Piston Ring Set STD	UPRK0005	6
Full Liner	3135X062	6
Semi Finished Liner	3135X063	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head	4181V022	1
Cylinder Head	4181V058	1
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Seat, Inlet	3314A251	6
Valve Seat Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Push Rod	3142V011	12
Tappet	3142U051	12

CYL.BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	4181V021	1
Timing Cover	4142A504	1
Timing Cover	3716R021	1
Camshaft	4112K061	1
Camshaft	4112K062	1
Camshaft Bushing	3112D091	1
Camshaft Gear	3117L272	1
Idler Gear	4111A048	1
Glow Plug	2666A017	6
Piston Cooling Nozzle	2113A003	6

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Head Gasket	3681E052	1
Head Gasket .010"	3681E053	1
Valve Cover Gasket	3681A068	1
Valve Cover Gasket	3681A058	1
Oil Pan Gasket	3681K041	1
Oil Pan Gasket (block to plate)	3681K044	1
Exhaust Manifold Gasket	3681V015	1

1106D-E66TA ENGINE BORE : 100.00 MM

BUILD LIST NO : PJ

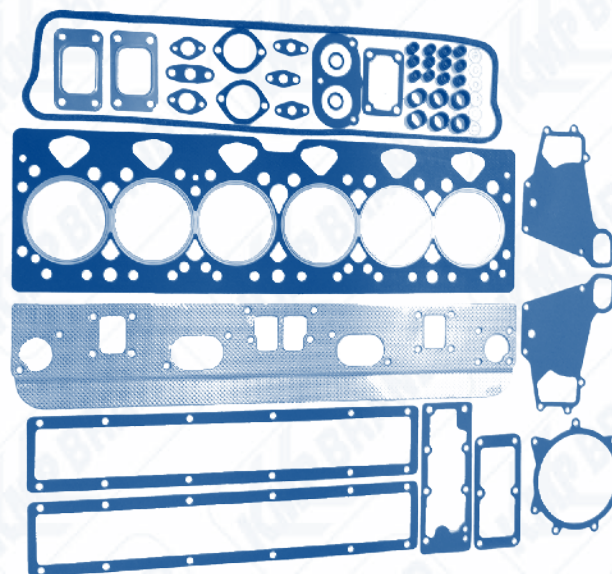
LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	T410626	1
Oil Filter	2654A111	1
Oil Filter Head	3773A191	1
Oil Cooler	4133Y042	1

MISCELLANEOUS	PART No	QTY
Ring Gear	31162121	1
Manifold Exhaust	3778M271	1

FUEL SYSTEM	PART No	QTY
Primary Fuel Filter	2656F855	1
Primary Fuel Filter	2656F541	1
Primary Fuel Filter	2656F843	1
Fuel Line NO.1	3525A201	1
Fuel Line NO.2	3525A202	1
Fuel Line NO.3	3525A203	1
Fuel Line NO.4	3525A204	1
Fuel Line NO.5	3525A205	1
Fuel Line NO.6	3525A206	1
Leak Off Pipe	3583A049	1
Leak Off Pipe	3552A054	1
Leak Off Pipe	3583A045	1
Seal-o-ring	2415H014	6
Injector with Nozzle	2645A747	6
Injector with Nozzle	2645A749	6
Injector with Nozzle	2645A743	6
Injector with Nozzle	2645A744	6
Injector with Nozzle	2645A745	6
Injector with Nozzle	2645A751	6
Injector with Nozzle	2645A753	6
Copper Washer	2415D154	6

COOLING SYSTEM	PART No	QTY
Water Pump (Without Pulley)	U5MW0204	1
Thermostat	4133L067	1

TURBOCHARGER	PART No	QTY
Turbocharger	2674A237	1
Turbocharger	2674A256	1
Turbocharger	2674A271	1
Turbocharger	2674A608	1



1106D-E66TA ENGINE BORE : 100.00 MM

1106D-E66TA ENGINE EOK KIT LISTS

BUILD LIST NO : PJ

ENGINE: 1106D-E66TA EOK KIT P/N :11010664 OPTION A		
DESCRIPTION	PART No	QTY
Front Seal	2418F554	1
Rear Seal Lip	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E031	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0022	1
Cylinder Kit	11010660	6
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Camshaft Bushing	3112D091	1
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Cylinder Kit 11010660 Consists of :		
Piston, Pin, Clips & Rings STD	U5PR0059	1
Liner	3135X062	1

ENGINE: 1106D-E66TA EOK KIT P/N :11010666 OPTION C		
DESCRIPTION	PART No	QTY
Front Seal	2418F554	1
Rear Seal Lip	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E031	6
Conrod Bolt	3212V003	12
Conrod Bearing Kit STD	U5ME0022	1
Cylinder Kit	11010661	6
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Camshaft Bushing	3112D091	1
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Cylinder Kit 11010661 Consists of :		
Piston, Pin, Clips & Rings STD	U5PR0058	1
Liner	3135X062	1

ENGINE: 1106D-E66TA EOK KIT P/N :11010665 OPTION B		
DESCRIPTION	PART No	QTY
Front Seal	2418F554	1
Rear Seal Lip	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E031	6
Conrod Bolt	T400001	12
Conrod Bearing Kit STD	U5ME0022	1
Cylinder Kit	11010660	6
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Camshaft Bushing	3112D091	1
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Cylinder Kit 11010660 Consists of :		
Piston, Pin, Clips & Rings STD	U5PR0059	1
Liner	3135X062	1

ENGINE: 1106D-E66TA EOK KIT P/N :11010667 OPTION D		
DESCRIPTION	PART No	QTY
Front Seal	2418F554	1
Rear Seal Lip	2418F701	1
Main Bearing Kit STD	U5MB0020	1
Thrust Washer Kit STD	U5TW0002	1
Conrod Bushing	3112E031	6
Conrod Bolt	T400001	12
Conrod Bearing Kit STD	U5ME0022	1
Cylinder Kit	11010661	6
Valve, Inlet	3142H091	6
Valve, Exhaust	3142A181	6
Valve Collet	3142W005	24
Valve Guide Inlet	3313A035	6
Valve Guide Exhaust	3314A261	6
Valve Spring	3174A025	12
Valve Stem Seal Inlet	2418M522	6
Valve Stem Seal Exhaust	2418M522	6
Camshaft Bushing	3112D091	1
Gasket Kit Cylinder Head	11050114	1
Gasket Kit Cylinder Block	11050115	1
Cylinder Kit 11010661 Consists of :		
Piston, Pin, Clips & Rings STD	U5PR0058	1
Liner	3135X062	1

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AT6.354 ENGINE BORE : 98.48 MM

BUILD NO : TE

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	2418F437	1
Rear Seal	2418F475	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK6354	6
Piston, Pin & Rings	85750	6
Piston & Pin	86726	6
Piston Ring Set	41158031	6
Full Liner (Std Block)	31358394	6
Semi Finished Liner (Std Block)	31358393	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Push Rod	31434307	12
Tappet	31434165	12

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Block	U5LB0043	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314067	1

COOLING SYSTEM	PART No	QTY
Thermostat	2485645	2
Thermostat	2485668	1

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AT6.354 ENGINE BORE : 98.48 MM

AT6.354.1 ENGINE BORE : 98.48 MM

BUILD LIST NO : TH

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	2418F437	1
Rear Seal (Lip type)	2418F475	1
Thrust Washer Kit STD	USTW0002	1
Thrust Washer Kit .007	USTW0002B	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK6354	6
Piston, Pin & Rings	85753	6
Piston & Pin	86726	6
Piston Ring Set	41158031	6
Full Liner (Std Block)	31358394	6
Semi Finished Liner (Std Block)	31358393	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	31434307	12
Tappet	31434165	12

GASKET KITS & GASKETS	PART No	QTY
Gasket Kit Cylinder Block	U5LB0043	1
Rear Housing Gskt(Rope type)	36817136	1
Rear Housing Gskt (Lip seal type)	4223587M1	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	41314067	1

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0007	1
Fuel Pump Repair Kit	26410063	1

COOLING SYSTEM	PART No	QTY
Thermostat	2485645	1

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ATC6.354.1 ENGINE BORE : 98.48 MM

BUILD NO : TT

CRANKSHAFT & RELATED PARTS	PART No	QTY
Front Seal	2418F437	1
Front Seal (Red silicone)	2415361	1
Rear Seal	2418F475	1
Rear Seal (Red silicone)	2415391	1
Thrust Washer Kit STD	U5TW0002	1
Thrust Washer Kit .007	U5TW0002B	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	U5MK6354	6
Piston, Pin & Rings	85753	6
Piston & Pin	86726	6
Piston Ring Set	41158031	6
Full Liner (Std Block)	31358394	6
Semi Finished Liner (Std Block)	31358393	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Valve, Inlet	31431315	6
Valve, Exhaust	3142A052	6
Valve Collet	33173108	24
Valve Guide Inlet	3343F041	6
Valve Guide Exhaust	3343J021	6
Valve Spring Inner	31744131	12
Valve Spring Outer	31745121	12
Valve Stem Seal Inlet	33817117	6
Valve Stem Seal Exhaust	33817117	6
Push Rod	31434307	12
Tappet	31434165	12

FUEL SYSTEM	PART No	QTY
Fuel Pump	ULPK0007	1
Fuel Pump Repair Kit	26410063	1

COOLING SYSTEM	PART No	QTY
Thermostat	2485645	1

ATC6.354.1 ENGINE BORE : 98.48 MM

INDEX BY PART NUMBER

PART No	PAGES
0050128	91,92,
0050345	22,24,28,36,41,52,55,58,61,90,99,108,111,115,118,
0095250	2,4,5,7,8,21,22,23,24,26,27,90,
0095315	3,6,21,22,25,29,32,37,41,59,90,91,100,102,104,106,
0230001	2,4,5,7,8,20,21,22,23,24,26,27,89,90,
020109120	9,11,12,14,46,48,49,51,
0410236	3,6,17,21,22,25,29,32,37,41,53,56,59,62,65,70,90,
0410264	100,
0490491	2,20,
0490689	90,
050209080	48,
050209083	9,11,12,14,46,48,49,51,
0780006	2,4,5,7,8,20,21,22,23,24,26,27,90,
0780007	21,22,23,24,26,27,90,
0860012	2,5,20,22,24,90,
0910002	2,4,20,22,23,90,
0920113	3,22,90,
0921062	3,6,22,25,29,32,37,41,90,92,100,102,104,
0921173	6,21,25,29,32,37,41,59,62,91,93,95,96,100,102,104,109, 112,
0921176	3,6,21,22,25,29,32,37,41,90,91,100,102,104,106,
0995260	20,
30854	2,5,22,24,90,
32327	3,20,22,25,87,88,90,
59582	24,26,27,
59618	24,
61153	87,
68079	104,105,106,107,
68082	22,23,24,26,27,90,
68084	2,4,5,7,8,20,21,
68085	91,92,
68301	31,33,34,35,
68332	5,7,8,24,26,27,
68501	2,4,5,7,8,22,23,24,26,27,
68502	2,22,
68503	2,22,
68504	5,24,
68506	31,
68508	40,
68509	100,104,
68510	100,
68512	102,
68514	28,
68515	28,
68516	31,
68517	89,
68803	106,107,
69035	90,
81512	2,4,22,23,
81558	28,30,31,33,34,35,36,38,39,40,42,43,44,45,99,
82878	31,33,34,

PART No	PAGES
85010	100,101,102,103,
85035	22,23,24,26,27,90,
85036	2,4,5,7,8,20,21,
85041	91,92,
85042	28,30,31,33,34,35,40,42,43,44,45,99,
85043	100,101,104,105,108,110,
85750	131,
85753	132,133,
86716	91,
86721	28,30,
86726	131,132,133,
86740	100,101,104,105,
86745	102,103,
89206	28,30,
89207	40,42,43,45,
89214	5,7,8,
89216	89,
100652	97,
101661	87,
101871	97,
102968	97,
105138	87,
106387	87,
110926	87,
332400	111,
0410236	3,6,17,21,22,25,29,32,37,41,53,56,59,62,65,70,90,
0410264	100,
0490491	2,20,
0490689	90,
0780006	2,4,5,7,8,20,21,22,23,24,26,27,90,
0780007	21,22,23,24,26,27,90,
0860012	2,5,20,22,24,90,
0910002	2,4,20,22,23,90,
0920113	3,22,90,
0921062	3,6,22,25,29,32,37,41,90,92,100,102,104,
0921173	6,21,25,29,32,37,41,59,62,91,93,95,96,100,102,104,109, 112,
0921176	3,6,21,22,25,29,32,37,41,90,91,100,102,104,106,
0995260	20,
2414111	19,
2415258	24,26,27,
2415344	2,4,5,7,19,20,21,22,23,24,26,
2415346	91,92,
2415361	24,36,88,106,108,111,115,118,122,133,
2415391	19,24,36,88,106,108,111,115,118,122,133,
2461104	2,5,20,21,22,24,28,31,36,41,87,88,89,90,91,97,98,99,104,
2485613	32,37,41,59,99,102,104,106,109,112,116,119,
2485644	29,32,41,97,
2485645	32,41,89,98,100,102,131,132,133,
2485666	93,
2485668	22,25,90,100,131,

INDEX BY PART NUMBER

PART No	PAGES
2557181	29,32,41,
2557182	29,32,41,
2654026	2,6,24,90,
2654403	16,52,93,94,95,96,111,119,122,
2654407	56,58,62,65,69,74,78,80,83,84,109,115,119,
2656613	10,13,47,50,
2656615	53,56,59,62,
2656820	119,
2666103	2,5,22,24,28,31,36,41,52,55,58,61,90,100,104,108,111, 115,118,
2666108	5,21,28,31,36,41,89,91,104,106,
2666805	24,88,90,
2674396	59,
2758348	28,36,41,91,104,
3276116	99,
3324000	58,
4236114	94,96,
6801027	37,99,
11010116	98,
11010117	87,
11010125	40,
11010130	97,
11010131	98,
11010141	87,
11010151	97,
11010229	40,
11010234	98,
11010253	40,
11010260	88,
11010267	91,
11010278	28,30,
11010286	40,
11010287	40,43,44,
11010288	91,
11010290	52,54,55,57,115,117,118,120,121,
11010365	100,
11010372	15,64,68,
11010373	15,64,
11010374	128,
11010375	128,
11010376	74,
11010377	15,64,68,
11010378	77,79,
11010379	82,84,
11010380	15,64,
11010382	61,
11010383	15,64,68,74,77,79,82,84,
11010390	104,
11010391	104,105,
11010416	88,
11010441	36,38,

PART No	PAGES
11010442	36,39,
11010443	36,
11010448	40,42,44,
11010452	61,63,
11010453	99,
11010454	99,
11010462	100,101,
11010464	108,110,
11010483	61,
11010524	15,64,68,74,77,79,82,84,
11010562	122,125,
11010596	94,96,
11010597	49,
11010598	9,12,
11010599	12,
11010600	9,
11010601	46,
11010602	9,12,
11010603	9,12,46,49,
11010604	12,
11010605	9,12,46,49,
11010606	46,49,
11010624	108,
11010651	15,64,68,
11010652	15,64,
11010653	15,64,68,
11010654	15,64,
11010659	122,124,125,127,
11010660	128,130,
11010661	128,130,
11010676	74,
11010679	77,79,
11010682	82,84,
11040019	32,41,
11040020	32,41,
11050031	5,21,41,
11050045	24,
11050099	52,61,
11050111	12,14,
11050112	49,51,
11050113	46,48,
11050114	125,127,128,130,
11050115	125,127,128,130,
11060047	6,
11060048	29,32,41,
11060064	69,
13060030	32,41,
13060046	25,
13060048	41,
21826370	5,
21826401	24,

INDEX BY PART NUMBER

PART No	PAGES
21826410	52,61,
21826412	55,
26410042	3,6,20,
26410050	29,32,41,
26410056	3,6,20,87,88,89,
26410063	22,25,90,91,100,132,133,
26410096	6,19,20,25,32,37,41,99,
26460064	16,65,69,75,78,80,
26540132	2,6,20,24,89,
26540218	87,88,
26560017	95,96,
26560075	3,6,21,22,25,29,32,37,41,56,62,88,90,91,93,94,95,96,
26560090	22,24,29,32,41,91,97,98,
26560111	3,6,22,25,29,32,41,88,90,91,
26560141	123,
26560155	109,
26560163	16,
26560201	65,69,
26560602	6,21,25,32,37,41,92,93,99,104,106,
26560608	75,78,112,116,
26561117	3,6,10,13,19,20,21,22,25,29,32,41,47,50,53,56,59,62, 88,89,90,91,92,99,100,102,104,106,
31134119	22,23,24,26,27,
31134123	28,30,31,33,34,35,40,42,43,44,45,99,100,101,102,103,1 04,105,108,110,
31134128	2,4,5,7,8,
31134131	36,38,39,58,60,106,107,111,113,114,
31134151	2,4,5,7,8,21,22,23,24,26,27,90,
31134165	28,30,31,33,34,35,36,38,39,41,42,43,44,45,52,54,55,57, 58,60,61,63,93,94,95,96,99,108,110,111,113,114,115, 117,118,120,121,122,124,
31143733	2,5,20,21,
31146952	25,32,41,
31148677	22,24,
31148713	31,36,40,91,
31148791	28,31,40,
31161148	109,116,
31162121	17,65,70,102,104,119,123,126,129,
31163495	2,5,20,
31164362	2,5,20,21,
31164582	29,32,41,
31165461	29,32,41,
31165531	29,32,41,
31171276	29,32,41,
31171353	28,31,36,41,100,102,104,106,
31171681	28,31,36,40,52,55,58,61,93,94,95,96,99,
31358116	89,
31358308	2,4,22,23,24,26,27,
31358323	2,5,22,24,
31358324	102,
31358343	40,45,

PART No	PAGES
31358345	2,4,5,7,8,22,23,24,26,27,
31358346	40,
31358352	40,42,43,44,
31358393	28,31,36,100,102,104,106,131,132,133,
31358394	28,30,31,33,34,35,36,39,100,101,102,103,104,105,106, 107,131,132,133,
31358533	91,
31358534	91,92,
31415321	28,31,41,
31415361	5,28,31,36,41,99,
31431011	5,7,8,21,24,26,27,
31431154	91,92,
31431261	2,4,20,22,23,90,
31431281	5,7,8,24,26,27,
31431315	28,30,31,34,35,40,42,43,44,45,100,101,102,103,104, 105,106,107,131,132,133,
31431401	31,40,
31431402	31,40,
31431403	31,40,
31431591	5,7,8,24,26,27,
31431641	28,30,31,33,34,35,40,42,43,44,45,
31431671	91,92,
31431681	5,7,8,24,26,27,
31431881	28,30,31,33,34,35,40,42,43,44,45,
31431882	31,40,
31431883	31,40,
31431884	31,40,
31434163	93,95,
31434165	28,31,36,40,99,100,102,104,106,131,132,133,
31434307	16,28,31,36,40,52,55,58,61,65,68,99,100,102,104,106, 111,115,118,122,131,132,133,
31744131	28,30,31,33,34,35,36,38,39,40,42,43,44,45,91,92,100, 101,102,103,104,105,106,107,131,132,133,
31744133	58,60,108,110,111,113,114,
31745121	28,30,31,33,34,35,36,38,39,40,42,43,44,45,91,92,100, 101,102,103,104,105,106,107,131,132,133,
31745122	58,60,108,110,111,113,114,
32186142	115,
32731127	29,32,41,
32762116	28,30,31,33,34,35,36,38,39,40,42,43,44,45,100,101, 102,103,104,105,106,107,
32762145	52,54,55,57,58,60,61,63,93,94,95,96,108,110,111,113, 114,115,117,118,120,121,
33111328	99,
33173108	28,30,31,33,34,35,36,38,39,40,42,43,44,45,58,60,91,92, 99,100,101,102,103,104,105,106,107,108,110,111,113, 114,132,133,
33221327	2,4,5,7,8,21,22,23,24,26,27,90,
33221328	28,30,31,33,34,35,36,38,39,40,42,43,44,45,52,54,55,57, 58,60,61,63,100,101,102,103,104,105,106,107,108,110, 111,113,114,115,117,118,120,121,

INDEX BY PART NUMBER

PART No	PAGES
33432532	91,92,
33817117	28,30,31,33,34,35,36,38,39,40,42,43,44,45,58,60,89,91, 99,100,101,103,104,105,106,107,108,110,111,113,114, 132,133,
33826115	2,5,21,24,90,91,
34134307	108,
35342023	6,
35342024	6,
35342025	6,
35343136	29,32,41,
35343137	29,32,41,
35343138	29,32,41,
35343139	29,32,41,
35587344	29,32,41,
36811112	24,
36811115	5,21,
36812122	2,20,
36812127	5,21,41,
36812141	22,
36812337	91,92,
36812546	100,
36817134	2,5,20,22,
36817136	28,31,41,132,
36833167	2,20,
36862134	28,31,41,
36862143	5,
36862189	58,59,
36862191	108,111,
36883106	2,4,5,7,8,20,22,23,24,26,27,90,
36883108	28,30,31,33,34,35,40,42,43,44,45,91,100,101,
37354312	2,5,20,21,
37417472	41,
37764181	29,32,41,91,
37764251	2,6,
37781251	3,6,20,
37781333	29,32,41,
37781341	6,
37781571	6,
37781781	29,32,41,
41115023	28,31,41,99,
41115086	2,6,19,20,21,
41158005	36,38,39,106,107,
41158017	104,105,
41158022	40,42,43,44,
41158029	100,101,
41158031	131,132,133,
41158032	102,103,
41158041	31,33,34,35,100,101,104,105,
41158044	28,30,
41158045	28,30,
41158057	2,5,22,24,

PART No	PAGES
41158058	2,4,22,23,24,26,27,
41158065	5,7,8,
41158085	89,
41158118	91,
41312459	89,
41312487	3,6,20,21,
41312784	3,6,20,
41313075	102,
41314033	22,24,90,
41314054	29,
41314067	100,102,131,132,
41314078	2,6,19,20,21,
41314113	91,92,
41314131	100,102,
41321046	111,119,
41321054	122,
41422034	5,20,22,
41733082	32,41,
42422034	2,
70230010	93,94,95,96,
70420019	93,94,95,96,
70490258	93,94,95,96,
70490304	93,95,
70730051	93,94,95,96,
70750043	32,93,95,
70750044	95,
70750045	32,93,
70910098	93,95,
70910099	93,94,95,96,
70998020	94,96,
70998078	94,96,
70998103	93,95,
70998104	93,95,
70998113	93,94,95,96,
70998194	93,95,
100166390	48,
110136400	46,
110996910	9,12,
110996920	46,49,
111011030	49,
111011050	12,
111011090	49,
111011250	9,
111011460	12,
111017930	46,
111018050	9,
111147491	9,12,
111147501	9,12,
111147711	49,
111147721	49,
111147741	46,

INDEX BY PART NUMBER

PART No	PAGES
111147751	49,
111147761	49,
111147771	49,
111996401	46,49,
111996410	9,12,
115017491	9,11,12,14,46,48,49,51,
115017541	9,11,12,14,
115017551	12,14,
115017581	46,48,49,51,
115026251	9,12,
115026330	9,46,49,
115104021	12,46,49,
115107970	9,12,46,49,
115176140	9,11,12,14,46,48,49,51,
115256750	46,
115256760	9,
115256950	9,12,
115256990	49,
115257020	12,
115276200	9,46,
115397350	9,12,
120016050	9,46,
120016170	46,
120016210	12,49,
120016290	12,
120026520	9,
120026550	46,
120026680	46,
120026860	49,
120026870	12,
120026880	49,
120116160	9,12,46,49,
120166390	9,11,12,14,46,48,49,51,
120176400	9,11,12,14,46,48,49,51,
120226070	9,11,12,14,46,48,49,51,
120456250	9,12,
120456310	46,49,
120736081	9,12,46,
120996130	46,
130506140	50,
130506351	10,13,47,50,
131406490	10,13,47,50,
131406500	10,47,
131406540	50,
131501030	50,
131501040	50,
131501050	50,
131501060	50,
131507450	13,
131507460	13,
131507470	13,

PART No	PAGES
131507520	47,50,
131507530	47,50,
131507540	47,50,
131507550	47,50,
131507601	10,13,
131507611	10,13,
131507621	10,13,
131507700	10,13,47,50,
131507710	10,13,47,50,
131507720	10,13,47,50,
131507730	47,50,
135617000	10,
135617120	50,
135617130	47,
135617460	47,50,
135756180	47,50,
135756210	50,
135756220	13,
135996541	9,
135996590	9,12,13,
135996780	46,49,
135997120	12,13,
140517050	10,13,47,50,
145017951	10,47,
145206182	10,47,50,
145206230	13,50,
145336620	10,13,47,50,
198216700	9,11,12,14,46,48,49,51,
198217470	9,11,
198517222	9,11,12,14,46,48,49,51,
198517226	9,12,46,49,
198517229	9,12,46,49,
198517265	9,11,12,14,46,48,49,51,
198586050	9,11,12,14,
198586054	9,12,
198586057	9,12,
198586080	9,11,12,14,
198586084	9,12,
198586087	9,12,
198586140	46,48,
198586150	46,
198586160	46,
198636160	9,11,12,14,46,48,49,51,
198636170	9,11,12,14,
199266200	9,11,12,14,46,48,49,51,
199266210	46,48,49,51,
317441331	101,
485510011	13,
106594F	87,
11010372B	15,64,68,
11010372D	15,64,68,

INDEX BY PART NUMBER

PART No	PAGES
11010373B	15,64,
11010373D	15,64,
11010376B	74,
11010376D	74,
11010377B	15,64,68,
11010377D	15,64,68,
11010378B	77,79,
11010378D	77,79,
11010379B	82,84,
11010379D	82,84,
11010380B	15,64,
11010380D	15,64,
11010452B	61,
11010452D	61,
115017491-NR	9,12,46,49,
115017491B	9,12,46,49,
115017491B-NR	9,12,46,49,
115017541-NR	9,12,
115017541-RS	9,12,
115017541B	9,12,
115017541B-NR	9,12,
115017541B-RS	9,12,
115017551-NR	12,
115017551B	12,
115017551B-NR	12,
115017581-NR	46,49,
115017581B	46,49,
115017581B-NR	46,49,
115104021B	12,46,49,
115107970B	9,12,46,49,
115741F	87,
120166390 +.005	9,12,46,49,
120176400 +.005	9,12,46,49,
1695732M1	6,21,32,37,
1810027M91	88,
1810028M91	88,
1810083M91	97,98,
1810083M91A	97,98,
1810083M91B	97,98,
1810083M91C	97,98,
1882771M1	88,
1884048M1	87,88,
1884101M91	88,
1884125M1	88,
1884126M1	88,
1884857M91	88,
1884940M1	88,
1884944M1	88,
1885489M92	87,88,97,98,
2113A003	16,65,69,74,77,79,82,84,125,128,
2415D154	83,85,126,129,

PART No	PAGES
2415H014	126,129,
2418F432	102,104,106,
2418F437	5,8,15,18,24,27,28,30,31,33,34,35,36,38,39,40,42,43, 44,45,52,54,55,57,58,60,61,63,64,66,67,68,71,72, 74,76,77,79,81,82,84,86,88,99,100,101,102,103,104, 105,106,107,108,110,111,113,114,115,117,118,120, 121,122,124,131,132,133,
2418F475	2,4,5,7,8,19,20,21,22,23,24,26,27,28,30,31,33,34,35, 36,38,39,40,42,43,44,45,52,54,55,57,58,60,61,63,88, 90,91,92,99,100,101,102,103,104,105,106,107,108,110, 111,113,114,115,117,118,120,121,122,131,132,133,
2418F554	125,127,128,130,
2418F701	52,55,58,61,99,108,111,115,118,122,124,125,127,128,130,
2418F704	15,18,64,66,67,68,71,72,74,76,77,79,81,82,84,86,
2418H008	65,
2418M004	6,21,32,37,41,
2418M505	52,54,55,57,61,63,115,117,118,120,121,122,124,
2418M506	52,54,55,57,115,117,118,120,121,122,124,
2418M507	61,63,
2418M517	16,18,65,66,67,68,71,72,74,76,77,79,81,
2418M519	16,18,65,66,67,68,71,72,74,76,77,79,81,
2418M522	82,84,86,125,127,128,130,
2418N506	54,
2485C034	123,
2485C036	53,56,62,
2485C041	17,
2486A023	83,84,
2486A215	65,
2486A217	65,69,78,80,
2486A218	13,47,50,
2486A219	58,
2486A241	16,115,
2486A971	111,115,
2486A972	111,
2486A992	115,119,
2486A993	115,119,122,
2551A009	32,36,41,52,56,58,62,94,96,99,
2551A014	32,36,41,52,56,58,62,94,96,99,
2641A073	32,41,
2645A020	109,
2645A043	53,116,
2645A051	56,
2645A052	119,
2645A311	116,
2645A604	99,104,
2645A608	109,
2645A621	59,
2645A627	53,
2645A635	56,
2645A636	119,
2645A742	83,

INDEX BY PART NUMBER

PART No	PAGES
2645A743	129,
2645A744	129,
2645A745	129,
2645A746	83,
2645A747	85,129,
2645A749	129,
2645A751	126,129,
2645A753	129,
2645F027	123,
2645K011	69,
2645K012	65,69,
2645K013	69,
2645K015	69,
2645K016	16,65,69,
2645K017	16,
2645K022	16,65,
2645K026	80,
2645K027	75,78,
2645K609	62,
2645K611	16,69,
2645K612	69,
2645K616	16,
2645L018	112,
2645L605	112,
2646A151	109,
2646A152	109,
2646A153	109,
2646A154	109,
2646A155	109,
2646A156	109,
2646A157	112,
2646A158	112,
2646A159	112,
2646A160	112,
2646A161	112,
2646A162	112,
2646C157	59,
2646C158	59,
2646C167	59,
2646C168	59,
2646E501	16,
2646F501	65,69,75,78,80,
2654A111	126,129,
2656F541	129,
2656F546	83,85,
2656F809	123,
2656F843	83,85,126,129,
2656F855	126,129,
2666A015	122,
2666A016	16,65,69,74,77,79,82,84,125,
2666A017	128,

PART No	PAGES
2674A059	112,
2674A080	112,
2674A090	119,
2674A099	119,
2674A110	112,
2674A162	112,
2674A200	65,70,
2674A209	65,70,
2674A211	70,
2674A225	70,
2674A226	65,70,
2674A229	70,
2674A230	70,
2674A231	70,
2674A237	126,129,
2674A256	126,129,
2674A271	126,129,
2674A342	123,
2674A343	123,
2674A345	123,
2674A346	123,
2674A349	123,
2674A375	56,
2674A391	56,
2674A403	65,70,
2674A404	70,
2674A405	17,
2674A423	17,
2674A431	17,
2674A608	129,
2674A721	17,
2674A722	17,
2674A804	85,
2674A805	85,
2674A807	85,
2674A809	83,
2674A812	83,
2674A816	78,
2674A817	78,
2674A818	80,
2674A827	78,
2674A836	80,
2674A838	80,
2674A839	80,
2674A844	78,
2714A002	74,76,77,79,81,
3041489M4	32,37,104,106,
3112A005	15,18,52,54,55,57,61,63,64,66,67,68,71,72,74,76,77, 79,81,82,84,86,115,117,118,120,121,122,124,125,127,
3112A006	58,60,111,113,
3112D075	16,18,65,66,67,69,71,72,74,76,77,79,81,82,84,86,

INDEX BY PART NUMBER

PART No	PAGES
3112D091	125,127,128,130,
3114C111	64,68,
3114P071	15,
3114V041	15,64,68,
3114V061	15,
3115A141	64,68,74,77,79,82,84,
3115K021	59,
3115T051	15,64,68,74,77,79,82,84,
3115T091	122,
3115X031	125,128,
3116W001	32,36,41,52,56,58,62,99,
3117A101	69,74,78,80,83,84,
3117C061	108,111,115,118,
3117C062	61,
3117C221	15,64,68,74,77,79,82,84,122,
3117C341	125,
3117L012	52,
3117L023	55,58,61,108,111,115,118,
3117L272	69,74,77,79,128,
3117N001	16,65,69,74,77,79,82,84,122,125,
3117N061	79,82,84,122,
3117V003	32,36,41,52,56,58,62,94,96,99,
3135X031	31,36,
3135X032	31,33,35,36,38,
3135X033	40,93,94,95,96,99,
3135X034	40,42,44,99,
3135X041	58,108,111,
3135X042	58,60,108,110,111,113,114,117,121,
3135X062	52,54,55,57,115,117,118,120,121,122,124,125,127,128,130
3135X063	52,55,115,118,122,125,128,
3141D133	55,
3141D174	61,
3141F012	115,118,
3141F022	122,
3141F211	58,
3142A051	58,60,99,104,105,106,107,108,110,111,113,114,
3142A052	31,34,35,36,38,39,40,42,43,44,45,100,101,102,103,
	131,132,133,
3142A151	16,18,65,66,67,68,71,72,
3142A171	74,76,77,79,81,
3142A181	82,84,86,125,127,128,130,
3142D031	55,57,118,120,122,124,
3142D041	55,57,118,120,
3142D051	52,54,55,57,115,117,118,121,
3142D061	61,63,
3142H002	36,38,39,
3142H041	61,63,
3142H071	16,18,65,66,67,68,71,72,74,76,77,79,81,
3142H091	82,84,86,125,127,128,130,
3142L051	99,108,110,111,113,
3142L071	111,113,114,

PART No	PAGES
3142L072	58,60,111,113,114,
3142L081	52,54,55,57,115,117,118,121,122,124,
3142U051	82,84,125,128,
3142U061	74,77,79,82,84,
3142U991	16,52,55,58,61,65,68,94,96,108,111,115,118,122,
3142V011	74,77,79,82,84,125,128,
3142W004	16,18,52,54,55,57,61,63,65,66,67,68,71,72,115,117,
	118,120,121,122,124,
3142W005	82,84,86,125,127,128,130,
3174A016	16,18,65,66,67,68,71,72,
3174A025	125,127,128,130,
3174A028	82,84,86,
3174A031	74,76,77,79,81,
3174P405	108,
3174P409	52,54,55,57,115,117,118,120,121,122,124,
3174P412	61,63,
3212V003	15,18,52,54,55,57,58,60,61,63,64,66,67,68,71,72,74,
	76,77,79,81,82,84,86,111,113,115,117,118,120,121,122,
	124,125,127,128,130,
3311A042	59,
3313A012	16,18,52,54,55,57,61,63,65,66,67,68,71,72,74,76,77,
	79,81,115,117,118,120,121,122,124,
3313A035	125,127,128,130,
3313E735	89,
3314A009	52,115,
3314A011	108,
3314A051	55,118,
3314A061	55,118,
3314A071	52,115,
3314A101	61,
3314A102	61,
3314A121	58,108,111,
3314A131	122,
3314A141	122,
3314A221	74,77,79,
3314A231	16,65,68,74,77,79,
3314A241	16,65,68,
3314A251	82,84,125,128,
3314A261	82,84,125,127,128,130,
3316A031	2,4,5,7,8,20,21,22,23,24,26,27,89,90,
3318A705	52,54,55,57,61,63,115,117,118,120,121,122,
3318A735	124,
3342F041	38,
3343F041	28,30,31,33,34,35,36,38,39,40,42,43,44,45,58,60,99,
	100,101,102,103,104,105,106,107,108,110,111,113,114,
	131,132,133,
3343J021	28,30,31,33,34,35,36,38,39,40,42,43,44,45,58,60,99,
	100,101,102,103,104,105,106,107,108,110,111,113,114,
	131,132,133,
33817117S	28,31,36,40,91,99,
3408357MI	93,94,95,96,

INDEX BY PART NUMBER

PART No	PAGES
3443K051	119,
3521H065	53,56,62,
3521H066	53,56,62,
3521H067	53,56,62,
3521H068	53,56,62,
3521H083	53,56,62,
3521K099	59,
3521K101	59,
3521K102	59,
3521K103	59,
3521K104	59,
3521K105	59,
3521K124	59,
3521K125	59,
3521K126	59,
3521K127	59,
3521K207	59,
3521K208	59,
3521M001	116,
3521M002	116,
3521M003	116,
3521M004	116,
3521M005	116,
3521M006	116,
3521M014	116,119,
3521M015	116,119,
3521M016	116,119,
3521M017	116,119,
3521M018	116,119,
3521M019	116,119,
3521M027	119,
3521M028	119,
3521M029	119,
3521M031	119,
3521M032	119,
3521M033	119,
3521P062	112,
3521P063	112,
3521P064	112,
3521P065	112,
3521P066	112,
3521P067	112,
3522N021	109,
3522N022	109,
3522N023	109,
3522N024	109,
3522N025	109,
3522N026	109,
3525A017	123,
3525A018	123,
3525A019	123,

PART No	PAGES
3525A021	123,
3525A022	123,
3525A023	123,
3525A034	62,
3525A091	69,
3525A092	69,
3525A093	69,
3525A094	69,
3525A101	65,69,75,78,80,
3525A102	65,69,75,78,80,
3525A103	65,69,75,78,80,
3525A104	65,69,75,78,80,
3525A111	16,
3525A112	16,
3525A113	16,
3525A114	16,
3525A115	16,
3525A116	16,
3525A134	16,
3525A135	16,
3525A136	16,
3525A141	65,
3525A142	65,
3525A144	65,
3525A157	65,
3525A201	126,129,
3525A202	126,129,
3525A203	126,129,
3525A204	126,129,
3525A205	126,129,
3525A206	126,129,
3525A211	83,85,
3525A212	83,85,
3525A222	83,85,
3525A223	83,85,
3531A088	85,
3552A054	129,
3558X019	59,
3558X021	109,112,
3558X051	53,56,62,
3558X053	116,119,
3583A045	129,
3583A049	129,
3681A021	58,99,
3681A026	28,31,41,
3681A027	52,58,61,118,122,
3681A028	58,99,
3681A049	52,55,61,
3681A051	115,118,
3681A054	122,
3681A055	65,69,74,77,79,

INDEX BY PART NUMBER

PART No	PAGES
3681A057	16,
3681A058	125,128,
3681A068	125,128,
3681A069	82,84,
3681C001	108,111,
3681C003	108,111,
3681H202	104,106,
3681H208	108,111,115,118,
3681K003	99,
3681K005	28,31,41,52,55,58,61,115,118,
3681K006	69,
3681K036	74,77,79,82,84,
3681K037	65,74,77,79,
3681K038	16,
3681K041	125,128,
3681K044	125,128,
3681M005	108,111,122,
3681M007	108,122,
3681P029	108,
3681P038	118,
3681V015	125,128,
3681V512	65,69,74,77,79,
3681V513	16,
3681V516	82,84,
3688A032	122,
3688C017	108,111,
3688C035	55,61,118,
3688C036	118,
3688C041	118,
3688C042	55,118,
3716M153	52,
3716M181	122,
3716R021	84,128,
3773A061	16,65,69,74,80,83,84,
3773A071	16,65,69,74,78,80,83,84,
3773A191	126,129,
3773K004	52,
3773K043	56,58,
3773K051	109,
3778C111	17,
3778C121	17,
3778E351	83,85,
3778E401	65,70,80,
3778E421	70,78,
3778E431	65,70,
3778E441	70,
3778E451	75,
3778M011	109,
3778M021	112,
3778M141	123,
3778M161	123,

PART No	PAGES
3778M271	126,129,
3781A003	109,
3781N042	53,
3782340M1	53,56,59,99,119,
3861A027	55,108,111,115,
3901420M1	97,
3901525M91	97,
4111A015	2,5,19,20,21,
4111A021	52,
4111A029	69,74,78,80,83,84,
4111A034	16,65,69,74,77,79,82,84,122,
4111A048	69,74,77,79,82,128,
4111K053	32,41,99,
4111K066	62,
4111K073	69,74,78,80,83,84,
4111K091	62,
4111K093	52,58,
4112K041	65,69,
4112K043	65,69,
4112K047	16,
4112K051	108,111,
4112K061	125,128,
4112K062	128,
4112K065	125,
4112K071	82,84,
4112K072	79,
4112K073	82,
4112K074	74,
4112K077	77,
4112K078	79,
4115C311	15,52,55,61,64,68,74,77,79,82,84,115,118,122,125,
4115C312	15,52,55,61,64,68,74,77,79,82,84,115,118,122,125,
4115C313	15,52,55,61,64,68,74,77,79,82,84,115,118,122,125,
4115C314	15,52,55,61,64,68,74,77,79,82,84,115,118,122,125,
4115C315	15,52,55,61,64,68,74,77,79,82,84,115,118,122,125,
4115C316	15,52,55,61,64,68,74,77,79,82,84,115,118,122,125,
4115C321	58,111,
4115C331	58,111,
4115C334	52,55,61,115,118,
4115C335	52,55,61,115,118,
4115C336	52,55,61,115,118,
4115C337	52,55,61,115,118,
4115C341	128,
4115C342	128,
4115C343	128,
4115C361	64,68,74,77,79,82,84,
4115C362	64,68,74,77,79,82,84,
4115C363	64,68,74,77,79,82,84,
4115C364	64,68,74,77,79,82,84,
4115C365	64,68,74,77,79,82,84,
4115C366	64,68,74,77,79,82,84,

INDEX BY PART NUMBER

PART No	PAGES
4115P001	122,124,125,127,
4115P011	15,18,64,66,68,71,72,
4115P012	15,64,68,
4115P013	15,64,68,
4115P015	15,18,64,67,68,71,72,
4115P016	15,64,68,
4115P017	15,64,68,
4115P021	15,18,64,66,
4115P022	15,64,
4115P023	15,64,
4115P025	15,18,64,67,
4115P026	15,64,
4115P027	15,64,
4115Y001	99,
4121A069	83,85,
4125A096	83,85,
4132A016	16,
4132A018	65,69,75,78,80,
4132F012	36,
4132F015	104,
4132F016	106,
4132F041	32,36,41,52,56,58,62,93,94,95,96,99,
4132F043	109,
4132F057	111,115,119,
4132F067	122,
4132F071	16,65,69,83,84,
4132F072	16,
4132F073	16,74,
4133L064	83,85,126,
4133L067	83,129,
4133L507	70,78,80,
4133L508	70,
4133L509	70,75,78,80,
4133Y042	126,129,
4134W016	74,
4134W025	69,78,80,
4134W027	69,74,
4142A166	58,
4142A171	111,115,
4142A180	108,
4142A407	61,
4142A409	122,
4142A415	118,
4142A503	16,69,74,77,79,82,84,125,
4142A504	65,69,74,77,79,82,84,128,
4142X099	115,
4147K004	53,
4147K006	56,
4147K008	116,
4147K010	116,
4147K011	116,

PART No	PAGES
4147K013	119,
4181A009	40,42,43,45,
4181A019	108,110,
4181A022	36,38,
4181A026	58,60,111,113,114,
4181A033	52,54,55,57,115,117,118,120,121,
4181A041	108,110,
4181A045	61,63,
4181A046	61,
4181A047	61,
4181V017	15,
4181V018	16,
4181V019	128,
4181V021	125,128,
4181V022	125,128,
4181V039	16,
4181V041	16,
4181V058	125,128,
4223587M1	24,31,36,41,104,106,132,
4224458M1	19,20,
422458M1	21,
4236114A	94,96,
4236114B	94,96,
4236114C	94,96,
423669 (81558)	93,94,95,96,
423669A (81558A)	93,94,95,96,
423669B (81558B)	93,94,95,96,
423669C (81558C)	93,94,95,96,
423670 (85042)	93,95,
423670A (85042A)	95,
423670B (85042B)	95,
423670C (85042B)	95,
4274363M1	112,123,
68079A	104,106,
68079B	104,106,
68079C	104,106,
68082A	22,24,90,
68082B	22,24,90,
68082C	22,24,90,
68084A	2,5,20,21,
68084B	2,5,20,21,
68084C	2,5,20,21,
68085A	91,92,
68085B	91,92,
68085C	91,92,
68301AL	31,
68332AL	5,
70570094 (3321328)	96,
70570094 (33221328)	93,94,95,
70730043 (2418F437)	93,94,95,96,
70730050 (2418F475)	93,94,95,96,

INDEX BY PART NUMBER

PART No	PAGES
70998135 (41733082)	93,
70998135 (41733082)	95,
747187M91	5,
81558A	28,31,36,40,99,
81558B	28,31,36,40,99,
81558C	28,31,36,40,99,
825259M1	87,88,97,98,
825740M1	87,88,97,98,
825840M1	97,98,
825840M1A	97,98,
825840M1B	97,98,
825840M1C	97,98,
825861M1	98,
826049M1	87,
826059M91	87,88,
826154M91	87,88,
826162M1	88,98,
826250M1	98,
826276M91	98,
827501M91	88,97,98,
827560M1	98,
829029M1	97,98,
830897M91	87,88,
830898M91	87,88,
830899M91	88,
830900M91	88,
830901M91	88,
830972M92	88,
85010A	100,102,
85010B	100,102,
85010C	100,102,
85035A	22,24,90,
85035B	22,24,90,
85035C	22,24,90,
85036A	2,5,20,21,
85036B	2,5,20,21,
85036C	2,5,20,21,
85041A	91,92,
85041B	91,92,
85041C	91,92,
85042A	28,31,40,99,
85042B	28,31,40,99,
85042C	28,31,40,99,
85043A	100,104,108,
85043B	100,104,108,
85043C	100,104,108,
883013M91	97,
883015M91	87,
883623M1	29,92,99,
89207AL	40,
893007M1	97,

PART No	PAGES
894900M1	88,
894915M91	97,
894916M1	87,
894923M91	87,
894924M91	87,
894925M91	87,
894926M91	87,
894944M91	87,88,
894945M91	87,88,
894947M91	88,
963022M2	25,
963023M2	3,6,20,29,32,37,90,91,92,104,
B71612	93,95,
B92601	93,95,
BDLL150S6372	6,
L311FF02	16,53,56,62,65,69,75,78,80,116,119,123,
P4006	93,94,95,96,
P4007	93,95,
P4008	94,96,
P4009	94,96,
P4012	94,96,
P4015	93,95,
P4016	93,95,
P4017	93,94,95,96,
T400001	64,66,67,74,76,77,79,81,82,84,86,128,130,
T405440	128,
T406140	128,
T406141	128,
T410626	126,129,
TPN488	46,
TPN650	9,
TPN920	13,
U10136460	9,12,46,49,
U10136470	9,12,46,49,
U15276270	9,12,49,
U15376040	10,13,
U15376160	47,50,
U15397401	46,49,
U20406140	9,11,12,14,46,48,49,51,
U2645A058	62,
U3141D131	52,
U45010062	13,50,
U5KM0066	30,
U5LB0010	2,4,5,7,8,20,21,
U5LB0016	28,30,31,33,34,35,41,42,43,44,45,
U5LB0043	100,101,102,103,104,105,106,107,131,132,
U5LB0117	24,26,27,
U5LB0145	36,38,39,99,
U5LB0146	52,54,58,60,61,63,99,
U5LB0221	91,92,
U5LB0374	122,124,

INDEX BY PART NUMBER

PART No	PAGES
U5LB0379	16,18,
U5LB0381	65,66,67,69,71,74,76,77,79,81,82,84,86
U5LB0382	69,71,
U5LB0383	69,72,
U5LB0501	2,5,20,
U5LB0502	22,23,90,
U5LB1167	108,110,111,113,114,115,117,118,120,121,
U5LB1301	115,117,118,120,121,
U5LB1319	52,54,55,57,61,63,
U5LC0016	46,48,
U5LC0018	9,11,
U5LC0019	9,11,
U5LL0015	108,110,
U5LL0016	58,60,111,113,114,
U5LL0021	108,110,
U5LL0031	99,
U5LP0006	36,38,39,
U5LP0009	40,42,43,44,
U5LP0021	104,105,
U5LP0022	36,38,
U5LP0057	52,54,55,57,115,117,118,120,121,
U5LP0058	61,63,
U5LP0058B	61,
U5LP0058D	61,
U5LT0012	2,4,20,
U5LT0015	28,30,31,33,34,35,41,42,43,44,45,
U5LT0016	30,
U5LT0018	104,105,106,107,
U5LT0046	36,38,39,
U5LT0065	31,33,34,35,41,42,43,44,45,
U5LT0069	24,26,27,
U5LT0196	99,
U5LT0317	61,63,
U5LT0349	122,124,
U5LT0354	65,67,
U5LT0355	16,18,
U5LT0356	65,66,
U5LT0357	65,67,69,71,72,74,76,77,79,81,82,84,86,
U5LT0509	22,23,
U5LT0520	91,92,
U5LT1014	36,38,39,
U5LT1138	5,7,8,21,
U5LT1179	108,110,111,113,114,
U5LT1181	100,101,
U5LT1186	102,103,
U5LT1196	58,60,
U5LT1202	52,54,55,57,
U5LT1300	115,117,118,120,121,
U5MB0020	125,127,128,130,
U5MB0020A	125,128,
U5MB0020B	125,128,

PART No	PAGES
U5MB0020C	125,128,
U5MB0025	49,51,
U5MB0025A	49,
U5MB0025B	49,
U5MB0030	108,110,111,113,114,115,117,118,120,121,122,124,
U5MB0030A	108,111,115,118,122,
U5MB0030B	108,111,115,118,122,
U5MB0030C	108,111,115,118,122,
U5MB0033	64,66,67,68,71,72,74,76,77,79,81,82,84,86,
U5MB0033A	64,68,74,77,79,82,84,
U5MB0033B	64,68,74,77,79,82,84,
U5MB0033C	64,68,74,77,79,82,84,
U5MB0034	52,54,55,57,58,60,61,63,
U5MB0034A	52,55,58,61,
U5MB0034B	52,55,58,61,
U5MB0034C	52,55,58,61,
U5MB0037	15,18,
U5MB0037A	15,
U5MB0037B	15,
U5MB0037C	15,
U5ME0003	102,103,106,107,
U5ME0003A	102,106,
U5ME0003B	102,106,
U5ME0003C	102,106,
U5ME0006	36,38,39,
U5ME0006A	36,
U5ME0006B	36,
U5ME0006C	36,
U5ME0011	46,48,
U5ME0011A	46,
U5ME0011B	46,
U5ME0022	125,127,128,130,
U5ME0022A	125,128,
U5ME0022B	125,128,
U5ME0022C	125,128,
U5ME0030	49,51,
U5ME0030A	49,
U5ME0030B	49,
U5ME0033	15,18,
U5ME0033A	15,
U5ME0033B	15,
U5ME0033C	15,
U5ME0034	52,54,55,57,58,60,61,63,64,66,67,68,71,72,74,76,77, 79,81,82,84,86,
U5ME0034A	52,55,58,61,64,68,74,77,79,82,84,
U5ME0034B	52,55,58,61,64,68,74,77,79,82,84,
U5ME0034C	52,55,58,61,64,68,74,77,79,82,84,
U5ME0035	111,113,114,115,117,118,120,121,122,124,
U5ME0035A	111,115,118,122,
U5ME0035B	111,115,118,122,
U5ME0035C	111,115,118,122,

INDEX BY PART NUMBER

PART No	PAGES
U5MH0001	6,20,
U5MH0006	6,20,
U5MK0033	2,4,22,23,
U5MK0034	5,7,8,24,26,27,
U5MK0036	89,
U5MK0038	31,33,34,
U5MK0039	40,45,
U5MK0064	2,4,22,23,
U5MK0066	28,30,
U5MK0067	40,42,43,
U5MK0071	106,107,
U5MK0117	5,7,8,
U5MK0125	102,103,
U5MK0127	100,101,104,105,
U5MK0142	108,110,
U5MK0169	36,38,
U5MK0171	31,33,34,35,
U5MK0275	58,60,111,113,114,
U5MK0286	31,33,35,
U5MK0401	2,5,20,22,
U5MK0600	93,94,95,96,
U5MK0605	56,
U5MK0620	119,
U5MK6354	131,132,133,
U5MK8266	10,47,
U5MK8267	13,50,
U5MW0009	91,92,
U5MW0014	91,92,
U5MW0023	3,6,20,21,
U5MW0089	22,25,90,
U5MW0089NP	22,25,90,
U5MW0092	109,112,119,
U5MW0095	32,37,99,
U5MW0104	29,32,41,
U5MW0104P	29,32,41,
U5MW0106	93,99,
U5MW0108	59,
U5MW0111	100,
U5MW0129	104,
U5MW0132	32,88,106,
U5MW0133	104,106,
U5MW0156	119,
U5MW0159	109,116,
U5MW0190	53,56,119,
U5MW0192	53,56,62,116,119,
U5MW0195	32,37,62,
U5MW0196	123,
U5MW0197	32,
U5MW0204	83,85,126,129,
U5MW0205	126,
U5MW0206	32,65,70,80,

PART No	PAGES
U5MW0208	17,75,78,80,
U5PR0002	5,
U5PR0011	106,
U5PR0016	108,
U5PR0025	36,
U5PR0040	58,111,
U5PR0054	52,55,115,118,
U5PR0058	128,130,
U5PR0059	128,130,
U5PR0060	82,84,86,
U5PR0060B	82,84,
U5PR0060D	82,84,
U5PR0062	77,79,81,
U5PR0062B	77,79,
U5PR0062D	77,79,
U5PR0063	74,76,
U5PR0063B	74,
U5PR0063D	74,
U5TW0002	15,18,28,30,31,33,34,35,36,38,39,40,42,43,44,45,52,54, 55,57,58,60,61,63,64,66,67,68,71,72,74,76,77,79,81, 82,84,86,91,92,93,94,95,96,99,100,101,102,103,104, 105,106,107,108,110,111,113,114,115,117,118,120,121, 122,124,125,127,128,130,132,133,
U5TW0002B	15,28,31,36,40,52,55,58,61,64,68,74,77,79,82,84,91,92, 93,94,95,96,99,100,102,104,106,108,111,115,118,122, 125,128,132,133,
U5TW0003	2,4,5,7,8,20,21,22,23,24,26,27,90,
U5TW0003B	2,5,20,21,22,24,90,
U7LW0025	29,32,41,
U7LW0060	100,
U7LW0087	109,112,119,
U7LW0095	29,32,41,
U7LW0096	37,41,59,
U7LW0101	25,90,
U7LW0104	3,6,20,21,
U7LW0148	116,
U7LW0172	65,70,80,
U7LW0173	53,56,62,123,
U7LW0174	17,
ULPK0001	32,37,41,99,
ULPK0002	104,106,109,112,116,119,
ULPK0004	6,19,21,25,
ULPK0005	93,94,95,96,99,
ULPK0006	3,6,20,
ULPK0007	100,102,132,133,
ULPK0009	22,25,90,
ULPK0010	25,91,
ULPK0011	29,32,41,
ULPK0018	3,6,20,
ULPK0034	53,56,59,62,
ULPK0036	123,126,

INDEX BY PART NUMBER

PART No	PAGES
ULPR0002	109,116,
ULPR0004	102,
ULPR0005	21,53,56,59,62,
UPRK0001	122,125,
UPRK0002	15,64,68,
UPRK0002B	15,64,68,
UPRK0002D	15,64,68,
UPRK0003	15,64,68,74,
UPRK0003B	15,64,68,74,
UPRK0003D	15,64,68,74,
UPRK0005	77,79,82,84,128,
UPRK0005B	77,79,82,84,
UPRK0005D	77,79,82,84,
ZZ50293	58,
ZZ50295	108,111,
ZZ50296	115,118,
ZZ50297	55,
ZZ50300	61,
ZZ50305	122,
ZZ50307	52,
ZZ50324	65,74,77,79,
ZZ50325	74,77,79,
ZZ50327	82,84,
ZZ50328	82,84,
ZZ80033	24,
ZZ80048	2,20,
ZZ80082	5,
ZZ80089	22,90,
ZZ80175	28,31,40,
ZZ80220	58,
ZZ80226	108,
ZZ80228	111,
ZZ80252	55,
ZZ80253	52,55,
ZZ80255	61,
ZZ80257	115,
ZZ80259	118,
ZZ80266	122,
ZZ80267	68,
ZZ80268	65,68,
ZZ80270	65,68,
ZZ80274	82,84,
ZZ80279	77,79,
ZZ80281	74,
ZZ90009	28,31,40,93,95,99,100,102,104,108,
ZZ90010	5,21,24,
ZZ90011	2,22,90,
ZZ90013	36,106,
ZZ90020	22,24,90,
ZZ90023	2,5,20,
ZZ90030	24,

PART No	PAGES
ZZ90039	2,5,20,21,
ZZ90044	28,31,40,
ZZ90077	28,
ZZ90078	2,5,20,
ZZ90081	31,40,99,
ZZ90082	31,36,
ZZ90086	106,
ZZ90089	100,
ZZ90090	100,
ZZ90093	31,40,
ZZ90100	28,
ZZ90105	106,
ZZ90113	104,
ZZ90202	99,
ZZ90213	122,125,
ZZ90218	108,111,115,118,
ZZ90228	122,125,
ZZ90237	64,68,74,77,79,
ZZ90238	52,55,58,61,
ZZ90239	64,68,74,77,79,82,84,
ZZ90241	68,82,84,
ZZ90242	128,



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