

PowerTech

**Engine & Equipment
Model**

6081

Low Comp. Piston

4802 4806

8.1L

Bore: 4.56 in
116 mm
Pin Ø: 1.85 in
47 mm

Con Rod (m):

R116340 (ESN > 86,536)
R501034 (ESN 86,537 >)

APPLICATIONS:

See Index

1) Engine O/H Kit	Piston-Liner Kit	Main Bearing	Thrust Bearing	Con Rod Bearing
2) Engine I/F Kit	TRE508156 Consists of:	TRE504195 Std. TRE504196 .011	TRE504198 Std. TRE504199 .011	TR116081 Std. TRE57167 .011
1) TOK504202	a) TRE70689	Use 6	Use 1	Use 6
2) TIK504202	b) TRE503528			
	c) TR57771		Thrust Washer TRE61253 Std.	
	d) TR116236			
	e) TAR98850 f) TE1343FN			
1) Front Seal 2) Rear Seal	1) O/H Gasket Set	1) Bush, Con Rod 2) Bolt, Con Rod 3) Bushing, Cam	1) Plug Camshaft 2) Oil Cooler 3) Tappet 4) Tensioner, Belt	1) Pump, Water 2) O'ring Mount Kit
3) Crankshaft Gear 4) Crankshaft 5) Ring Gear 6) Rear Gear	2) Head Gasket Set 3) Head Gasket 4) Oil Pan Gasket			
1) TAR49025 2) TRE520036 3) TR104587 4) TRE535300 (1) or TRE534314 (2) 5) TR28811 6) TR63326	1) TRE506220 2) TRE506222 3) TRE55475 4) TR71918 (3)	1) TR74008 x6 2) TR66452 x12 (4) 3) TR87561 x4	1) TR82007 2) TAR55394 3) TR110126 4) TRE518097 (9) TRE68715 (9) TRE57498 (9)	1) TRE521502 2) TRE509463
Valve, Intake	Valve, Exhaust	Insert, Valve 1) Intake 2) Exhaust	1) Cap, Valve 2) Lock, Valve 3) Shield, Valve	1) Spring, Valve
TR84618 Std.	TR84619 Std.	1) TR121193	1) TT20129	1) TR91822 (7)
TR93308 .003	TR93311 .003	2) TR119132	2) TT20077	TR502187 (8)
TR93312 .015	TR93313 .015		3) TR102882 x6 (5) TR501640 x6 (6)	
		(1) With helical oil pump drive gear. Do not use with HPCR fuel system. (2) With straight oil pump drive gear. (3) With Aluminum Oil Pan use TR49377 (RE504822). (4) Use TR66452 Rod Bolts with Machine Split Connecting Rods, and use TR501035 Rod Bolts with Fractured Split Connecting Rods. (5) For engine ESN 199,999 and below. For Exhaust Valves only. (6) For engine ESN 200,000 and above. For Exhaust Valves only. (7) For engine ESN 199,999 and below. (8) For engine ESN 200,000 and above. (9) Check application for proper usage.		
Thermostat	Pump, Oil			
TAR48675 180° F	TRE60622			