

# PowerTech

Engine & Equipment  
Model

## 6081

Low Comp. Piston

4802 4806

8.1L


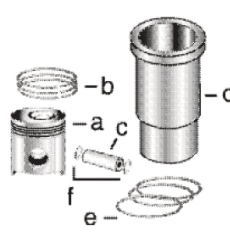
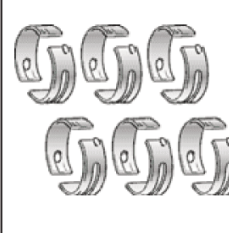
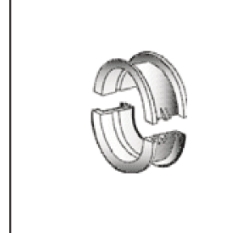
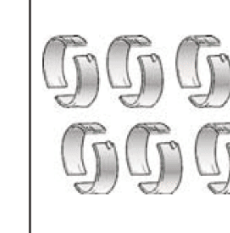
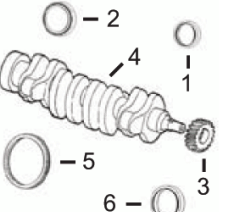
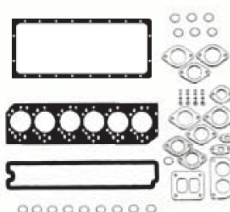
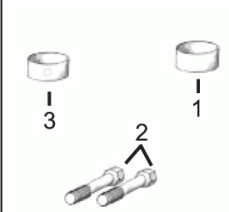
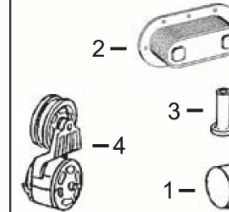
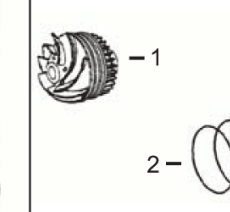



Bore: 4.56 in  
116 mm  
Pin Ø: 1.85 in  
47 mm

**Con Rod (m):**

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

**APPLICATIONS:**

See Index

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