

# PowerTech

Engine & Equipment  
Model

## 6081

Low Comp. Piston

4802 4806

8.1L


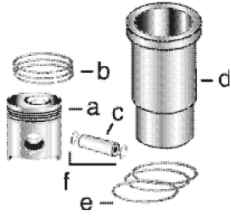



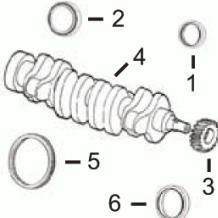
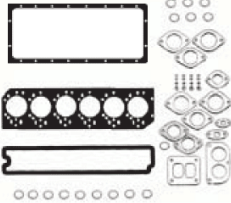
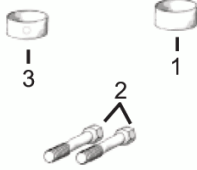
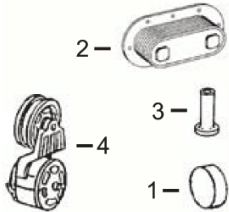
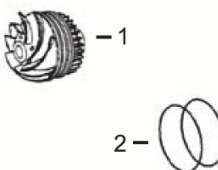



Bore: 4.56 in  
116 mm  
Pin Ø: 1.85 in  
47 mm

**Con Rod (m):**

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

**APPLICATIONS:**

See Index

|   |  |  |  |   |
|---|--|--|--|---|
|   |    |   |    |           |
| <p><b>1) Engine O/H Kit</b></p>   | <p><b>Piston-Liner Kit</b></p>   | <p><b>Main Bearing</b></p>   | <p><b>Thrust Bearing</b></p>   | <p><b>Con Rod Bearing</b></p>   |
| <p><b>2) Engine I/F Kit</b></p>   | <p><b>TRE508156</b><br/>Consists of:</p>   | <p><a href="#">TRE504195</a> Std.<br/><a href="#">TRE504196</a> .011</p>   | <p><a href="#">TRE504198</a> Std.<br/><a href="#">TRE504199</a> .011</p>   | <p><a href="#">TR116081</a> Std.<br/><a href="#">TRE57167</a> .011</p>                      |
| <p><b>1) TOK504202</b></p>  | <p>a) <a href="#">TRE70689</a></p>   | <p><b>Use 6</b></p>  | <p><b>Use 1</b></p>  | <p><b>Use 6</b></p>   |
| <p><b>2) TIK504202</b></p>  | <p>b) <a href="#">TRE503528</a><br/>c) <a href="#">TR57771</a><br/>d) <a href="#">TR116236</a><br/>e) <a href="#">TAR98850</a><br/>f) <a href="#">TE1343FN</a></p> |  | <p><b>Thrust Washer</b><br/><a href="#">TRE61253</a> Std.</p>  |   |
| <p><b>Con Rod (m):</b><br/>R116340 (ESN &gt; 86,536)<br/>R501034 (ESN 86,537 &gt;)</p>  |  |  | <p><b>Use 3, Order Qty 1</b></p>   |   |
|    |   |    |   |          |
| <p><b>1) Front Seal</b><br/><b>2) Rear Seal</b></p>   | <p><b>1) O/H Gasket Set</b></p>  | <p><b>1) Bush, Con Rod</b><br/><b>2) Bolt, Con Rod</b><br/><b>3) Bushing, Cam</b></p>  | <p>1) Plug Camshaft<br/>2) Oil Cooler<br/>3) Tappet<br/>4) Tensioner, Belt</p>   | <p>1) Pump, Water<br/>2) O'ring Mount Kit</p>   |
| <p>3) Crankshaft Gear<br/>4) Crankshaft<br/>5) Ring Gear<br/>6) Rear Gear</p>   | <p>2) Head Gasket Set<br/>3) Head Gasket<br/>4) Oil Pan Gasket</p>   |  |  |   |
| <p>1) <a href="#">TAR49025</a><br/>2) <a href="#">TRE520036</a><br/>3) <a href="#">TR104587</a><br/>4) <a href="#">TRE535300</a> (1)<br/>or<br/><a href="#">TRE534314</a> (2)<br/>5) <a href="#">TR28811</a><br/>6) <a href="#">TR63326</a></p> | <p>1) <a href="#">TRE506220</a><br/>2) <a href="#">TRE506222</a><br/>3) <a href="#">TRE55475</a><br/>4) <a href="#">TR71918</a> (3)</p>                            | <p>1) <a href="#">TR74008</a> x6<br/>2) <a href="#">TR66452</a> x12 (4)<br/>3) <a href="#">TR87561</a> x4</p>  | <p>1) <a href="#">TR82007</a><br/>2) <a href="#">TAR55394</a><br/>3) <a href="#">TR110126</a><br/>4) <a href="#">TRE518097</a> (9)<br/><a href="#">TRE68715</a> (9)<br/><a href="#">TRE57498</a> (9)</p> | <p>1) <a href="#">TRE521502</a><br/>2) <a href="#">TRE509463</a></p>                        |
|   | <p>Valve, Intake</p>   | <p>Valve, Exhaust</p>  | <p>Insert, Valve<br/>1) Intake<br/>2) Exhaust</p>  | <p>1) Cap, Valve<br/>2) Lock, Valve<br/>3) Shield, Valve</p>                                |
| <p><a href="#">TR84618</a> Std.<br/><a href="#">TR93308</a> .003<br/><a href="#">TR93312</a> .015</p>   | <p><a href="#">TR84619</a> Std.<br/><a href="#">TR93311</a> .003<br/><a href="#">TR93313</a> .015</p>  | <p>1) <a href="#">TR121193</a><br/>2) <a href="#">TR119132</a></p>   | <p>1) <a href="#">TT20129</a><br/>2) <a href="#">TT20077</a><br/>3) <a href="#">TR102882</a> x6 (5)<br/><a href="#">TR501640</a> x6 (6)</p>  | <p>1) Spring, Valve<br/>1) <a href="#">TR91822</a> (7)<br/><a href="#">TR502187</a> (8)</p> |
|    |   | <p>(1) With helical oil pump drive gear. Do not use with HPCR fuel system.<br/>(2) With straight oil pump drive gear.<br/>(3) With Aluminum Oil Pan use <a href="#">TR49377</a> (RE504822).<br/>(4) Use <a href="#">TR66452</a> Rod Bolts with Machine Split Connecting Rods, and use <a href="#">TR501035</a> Rod Bolts with Fractured Split Connecting Rods.<br/>(5) For engine ESN 199,999 and below. For Exhaust Valves only.<br/>(6) For engine ESN 200,000 and above. For Exhaust Valves only.<br/>(7) For engine ESN 199,999 and below.<br/>(8) For engine ESN 200,000 and above.<br/>(9) Check application for proper usage.</p> |  |   |
| <p>Thermostat</p> <p><a href="#">TAR48675</a> 180° F</p>  | <p>Pump, Oil</p> <p><a href="#">TRE60622</a></p>   |  |  |   |