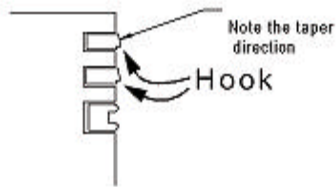


Connecting Rod Assembly 4089524 For all Singles and Twins with a 85mm Dia. Piston

Kit contains one ready-to-use Rod with Rod cap, two screws and this instruction sheet.
Two kits required for a twin cylinder air compressor.
Additional kits will be required to reassemble the compressor.

Reassembly

1. Insure the rings are in the correct orientation by staggering the end gaps 90°. The rings are marked with "top" and are assembled toward the top of the piston. Do not remove rings from the piston.



2. Coat the wrist pin, rod bore and piston bores with light oil. Assemble the rod, wrist pin and retainers. Insure the retainers are secure in the grooves. The rod should move freely.



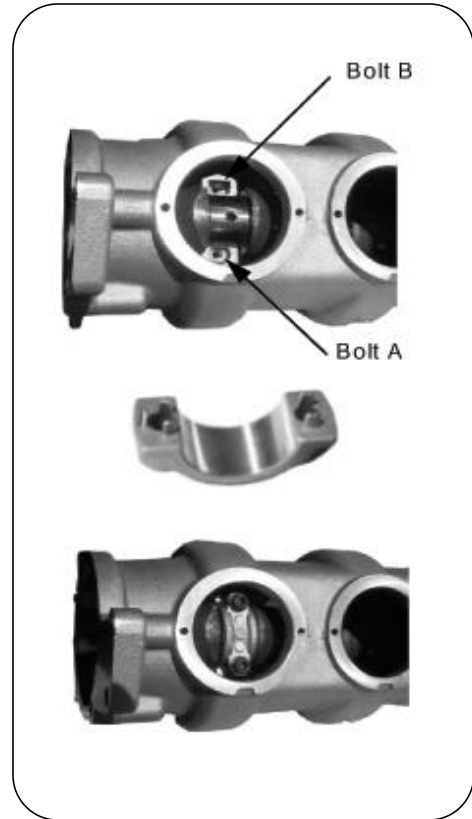
3. Coat the piston bore with light oil. Using a ring compressor tool, install the piston into the crankcase. Align the rod to permit it to match up to the crankshaft. The piston and rod have no fore or aft preference.



- Apply light oil to the crankshaft rod journal and assemble the rod cap. Note that the rod cap is designed to assemble on the rod with the three (3) prongs of the cap to fit into the "D" shaped recess of the rod and the two (2) prong side of the cap to assemble into the rectangular recess of the rod. **Bolt "A" is the one nearer the "W" of the word "WABCO"**

Bolt Tightening Sequence

Step	Bolt	Torque Nm	Rotation Degrees
1	A	6 ⁺⁶ _{-.6}	
2	B	6 ⁺⁶ _{-.6}	
3	A		70° ⁺¹⁵ _{-.5}
4	B		70° ⁺¹⁵ _{-.5}



- For twin cylinder compressors, assemble both rod caps using the same procedure. **Use the new bolts that come with the new Rod, the old bolts can not be used again.**

- Check that the crankshaft rotates without binding or excessive torque. **The maximum torque is 6 Nm. (53 In-Lb) for Twins and 4 Nm. (35 In-Lb) for Singles.**

- Follow the instructions in the Sump Plug Kit for proper Plug installation and screw torque.

