

K-0650 Cylinder Sleeve and Piston Ring Installation.

It may appear the new DAC-308 Pre Formed Piston Ring is too large for the cylinder at first glance, but this is because the flats of the piston ring still need to be folded up over the edges of the piston rod cap for proper installation.

Please follow installation instructions for replacement of components:

With components removed from the compressor pump and cleaned, you can start the reassembly process of the new Cylinder Sleeve and DAC-308 Piston Ring.

Figure 1:



Install the new DAC-308 Pre-Formed piston ring on to the shoulder of the existing connecting rod with concave side of the Piston Ring facing upwards.

Figure 2:



Install the ACG-29 Rod Cap on the top of the connecting rod and install the Rod Cap Screw. Torque the Rod Cap Screw to 51-63 Inch Pounds.

BLUE LOCTITE 242 should be used when installing the Rod Cap Screw

Figure 3:



With your thumbs, slowly work the edge of the Piston Ring up over the ACG-29 Rod Cap at least 3 to 5 times around the piston to help preform the Piston Ring and to ease the installation of the connecting rod with the new Piston Ring into the new cylinder sleeve.

Figure 4:



Drop the Connecting Rod with the Piston Ring down through the top of the cylinder sleeve at an angle while slowly and carefully rocking and rotating the assembly into the cylinder sleeve. Be careful not to fold the Piston Ring back during this process by going too fast.

Figure 5:



Inspect the Piston Ring installation and then center the Connecting Rod with your newly installed Piston Ring into the cylinder sleeve. Inspect all components and begin the reassembly process of the connecting rod onto the compressor motor.