

# Service PROCEDURES

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SUBJECT

**C11300 / C11596 / C11876 / C11602 / C11530 / C11643  
CYLINDER REPLACEMENT AND/OR  
CLEVIS REPLACEMENT PROCEDURE**

**The replacement cylinder enclosed must be installed correctly to maintain maximum exhaust brake performance.**

To remove existing cylinder, remove the airline and quick release valve (if equipped).

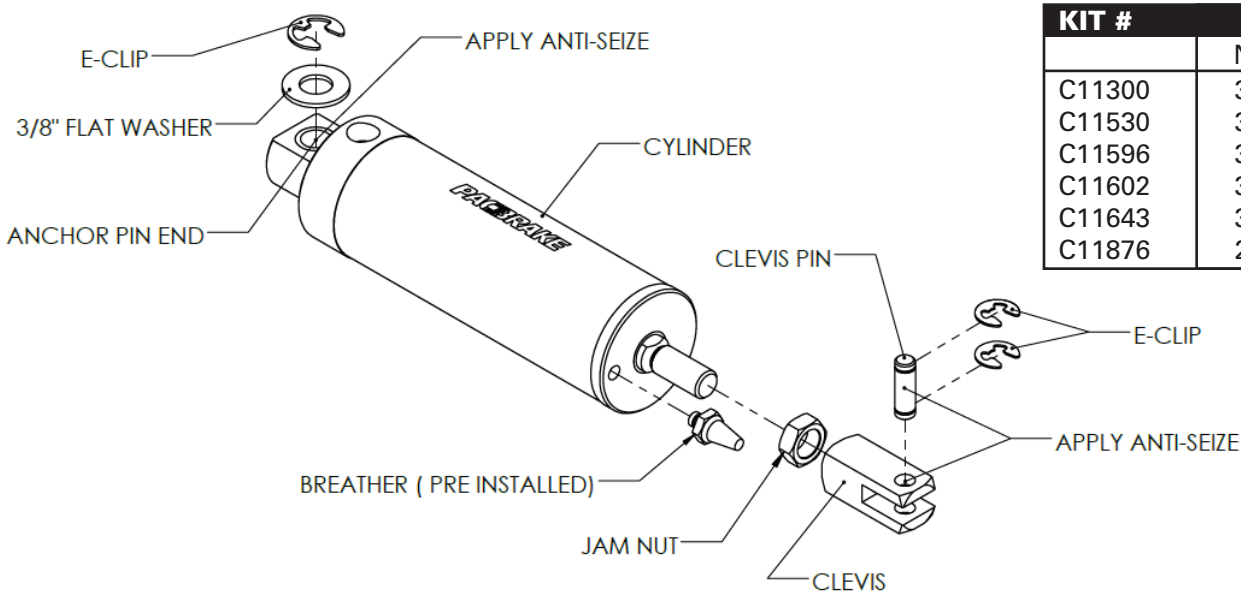
1. At clevis end of cylinder remove the lower "E" clip and push the clevis pin up and out the top of the clevis.
2. Remove the "E" clip at the anchor pin end and remove the cylinder from the Pacbrake.
3. Using shop air pressure, extend the cylinder fully and measure the pin to pin dimension and record.
4. Install the new clevis and lock nut on to the new cylinder shaft.
5. Using shop air pressure, extend the cylinder, adjust the clevis until the pin to pin measurement recorded earlier is achieved. Torque lock nut (see chart below) and recheck pin to pin measurement.
6. Lubricate anchor and clevis pins with anti-seize.
7. Install the cylinder on to the exhaust brake bracket anchor pin, install 3/8 flat washer on to the pin (rounded side to cylinder), install "E" clip.
8. Align the hole in the clevis with the shaft arm install the clevis pin and "E" clips.
9. Re-install the air line and quick release valve. (Not all cylinders will be equipped with a quick release valve).

**NOTE:**

If the previous cylinder failed due to moisture, a remote breather kit is available, Part number C11020\*.

\*Not applicable to the C11643 replacement.

- PACBRAKE SERVICE



KIT #	TORQUE	
	N.m	Ft-Lbs
C11300	33.9	25
C11530	33.9	25
C11596	33.9	25
C11602	33.9	25
C11643	33.9	25
C11876	20.3	15