

# 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.**

1. To remove existing cylinder, remove the airline and quick release valve. At clevis end of cylinder remove the lower "E" clip and push the pin up and out the top of the clevis. Next remove the "E" clip at the anchor pin end and remove the cylinder from the Pacbrake.
2. Using shop air pressure, extend the cylinder fully and measure the pin to pin dimension and record
3. Install the clevis and lock nut to the new cylinder.
4. Using shop air pressure, extend the cylinder, adjust the clevis until the pin to pin measurement recorded earlier is achieved. Tighten lock nut and recheck pin to pin measurement.
5. Lubricate anchor and clevis pins with anti-seize or grease and install the clevis pin and "E" clips
6. Re-install the quick release valve and air line.

**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**

