

Service

INFORMATION

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SUBJECT

VACUUM CYLINDER REPLACEMENT

APPLICATION

MODEL C14000

Newer style C14000 exhaust brakes use a slightly different mounting system than earlier units. If your exhaust brake uses the same mounting system as the cylinder supplied, omit steps 5,6, and 7.

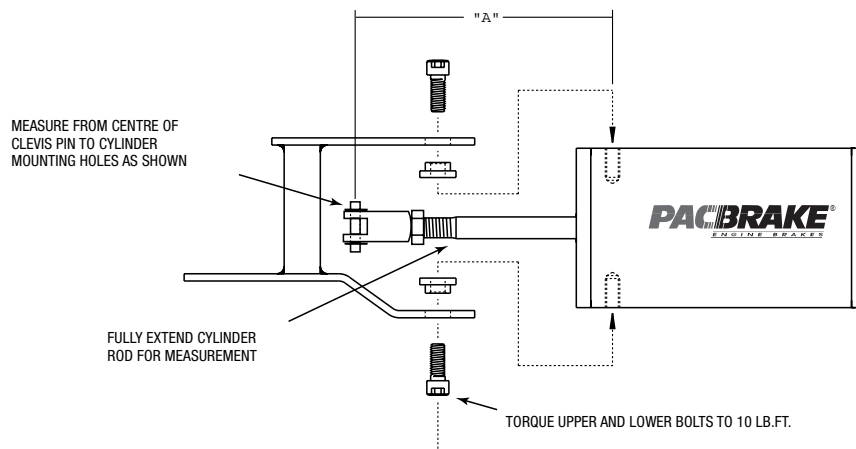
INSTRUCTIONS:

1. Remove exhaust brake from vehicle.
2. Remove cylinder from brake by removing lower clevis E-clip and two pivot bolts.
3. Extend cylinder rod fully (refer to distance "A" in schematic). Record the measurement from centre of clevis pin to the centre of cylinder mounting holes, remove clevis and locknut.
4. Transfer clevis and nut to the replacement cylinder and adjust to the dimension recorded, then tighten locknut.

If your exhaust brake has the earlier style mounting system a modification to the mounting bracket will be required, follow all steps.

5. For earlier units it will be required to enlarge the two mounting holes from 5/16" to 7/16" or .4375".
6. It is important that these be enlarged in-line. Install a 5/16" drill bit in a drill press, align the two existing mounting holes and clamp the exhaust brake housing to the table in order to ensure alignment.
7. Install a 7/16" drill bit into the drill chuck and drill the holes, clean up mounting holes to remove burrs.
8. Install bearing washers as shown in diagram and install two bolts. Torque to 10LB.FT. and install clevis pin and E-clips
9. Reinstall on vehicle.

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