

Installation PROCEDURES

SUBJECT

**Replacement Procedure For Vehicles
With Cummins ISC/ISL Engines
Equipped With Jacobs® Extarder**

PART NUMBER

C40017

C40020

Provided in this kit is a Pacbrake PRXB exhaust brake designed to replace an existing Jacobs® Extarder. Please follow the procedure carefully to ensure customer satisfaction.

Please check the engine displacement to confirm the Pacbrake is correct for the engine.

Check the size of the exhaust brake on the vehicle, the unit provided is to replace the 3 ½ " Jacobs model.

Pacbrake is designed for Cummins ISC/ISL engines with a maximum allowable backpressure of 60 PSI.

Installation Procedure:

- 1) Remove the air line to the air cylinder of the Extarder
- 2) Clean the gasket material from the exhaust adaptors, the pressure side adaptor must be free from imperfections that may prevent a good seal.
- 3) Using the "V" clamps provided, loosely install the Pacbrake PRXB. Center the Pacbrake on the adaptor and on the turbo and tighten clamps just enough to hold the Pacbrake in place. Rotate the Pacbrake so the PRXB mechanism is not subjected to road spray of flying objects and has ample clearance to moving items.
- 4) Torque the "V" clamps to 100 lbs in (8 lbs ft)
- 5) Connect the original air line the Pacbrake air cylinder. The fitting provided will have to be used to reduce the existing 1/4 NPT fitting to the 1/8 NPT thread needed for the Pacbrake air Cylinder.
- 6) Start the vehicle and check for exhaust leaks
- 7) Road test to check operation.
- 8) Re-torque both "V" clamps after 100 miles of driving

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