

Installation

PROCEDURES

SUBJECT

**Wabco® Exhaust Brake
Replacement with
Pacbrake PRXB**

PART NUMBER

C44048

APPLICATION

**GMC 4500/5500
Topkick and Kodiak Trucks**
*Equipped with Duramax 6.6
liter engines*

1. Remove the supply air line to the Wabco® air cylinder.
2. A 7" section needs to be cut out of the exhaust system to install the Pacbrake **before** removing the factory installed exhaust brake. Measure 3 1/2" in each direction from the center of the factory installed exhaust brake and mark the exhaust pipe.
3. Using a sawzall, cut the exhaust pipe at the mark on the rear section of the pipe first. Then, cut the forward section.
4. Loosely install the Pacbrake adapters and "V"clamps on to the exhaust brake housing on the bench.
5. Insert the Pacbrake assembly into the exhaust system. Rotate and position the cylinder and PRXB mechanism so it is protected by the frame rail from dirt and road spray.
6. Weld the adapters to the exhaust system. The welds must be free from exhaust leaks to ensure the exhaust backpressure cannot escape.
7. Torque the pressure side "V"clamp first (closest to the engine) to 15 lbs.ft., then the rear "V"clamp to 15 lbs.ft.
8. Connect the remote breather line to the barbed fitting at the Pacbrake air cylinder, secure with a tie-strap provided. Install the bronze muffler in the other end of the line, secure with a tie-strap provided. Route the bronze muffler to a dry clean area to ensure the muffler doesn't draw in water or dirt.
9. Connect the factory air line to the Pacbrake air cylinder.
10. Start the vehicle, apply the Pacbrake and check for exhaust leaks, repair if necessary.

Note: Vehicles equipped with Allison automatic transmissions require road speed before the exhaust brake will engage.