

# Service

## PROCEDURES

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SUBJECT

### **INLINE EXHAUST BRAKE TESTING AND FINAL ADJUSTMENTS**

**Prepare for a road test to set the exhaust brake backpressure. The gauge used must be a dampened (liquid filled) type to accurately read the pressure. This gauge kit, part number C10600, can be purchased through Pacbrake's distribution system. It contains all necessary parts to perform backpressure tests.**

1. Remove the 1/8" NPT pressure port plug located in the exhaust brake body, and connect the metal tube extension and route the attaching neoprene hose with the gauge into the vehicle's cab.
2. Warm the engine to normal operating temperatures.
3. With the brake activated, idle RPM should be no lower than 50 RPM below normal idle speed.
4. Road test the vehicle by providing a long duration of maximum RPM, which is necessary to properly read maximum constant backpressure. Backpressure adjustment is made with the stop screw located near the activating arm. Reducing the arm and valve travel will decrease the backpressure.
5. When proper setting is completed, remove the gauge kit and reinstall the test port plug.

NOTE: This test must be performed to ensure engine manufacturers back pressure specifications are not exceeded - check the application on back of sheet (Service bulletin #121) for the correct PSI setting.

**Pacbrake** Service

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ENGINE & EXHAUST BRAKES