

Installation

PROCEDURES

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SUBJECT

**INSTALLATION PROCEDURES
FOR C14010 - PERFORMANCE GROUP**

APPLICATION

Cummins 5.9L Turbo Diesel

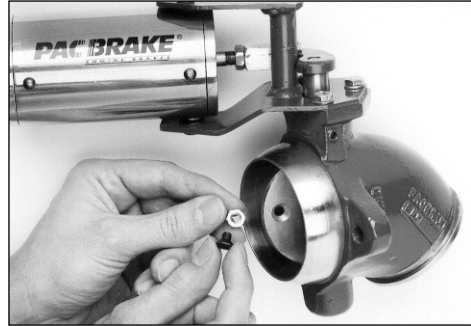
Contains:

6 - C11899 HEAVY DUTY EXHAUST VALVE SPRINGS

1 - C11880 PERFORMANCE PLUG KIT

Installation Procedures:

1. Have exhaust valve springs changed by a qualified Diesel Service Center. The performance plug must not be installed until the exhaust valve spring change has been completed.
2. The Pacbrake has two orifice holes in the valve plate which regulate backpressure during retarding. The performance plug must be installed in the 1/4" hole (smaller hole) to achieve the new performance setting. With the unit removed and the valve plate in the open position, clean all carbon deposits from the 1/4" countersunk orifice hole. Install the socket head screw and special locking nut and using a 5/32" allen wrench, tighten the screw and nut securely to 10 ft.lbs. The remaining orifice will provide 60 PSI backpressure during maximum RPM retarding. Reinstall the brake unit and loosely tighten clamp and flange bolts. Align the brake to achieve maximum clearance between the exhaust manifold and the vacuum cylinder. For vehicles with automatic transmissions, clearance must also be obtained between the cylinder bracket and the transmission dip stick tube. Torque turbo clamp to 72 in. lbs. (6 ft. lbs). Torque flange bolts alternately to 25 ft. lbs.



CAUTION: DO NOT OVER TORQUE.

Pacbrake Service

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ENGINE & EXHAUST BRAKES

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L5199.0699