

INSTALLATION INSTRUCTIONS

SUBJECT: 2007.5-2012 Exhaust Back Pressure Relocation Kit for 6.7L Cummins

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FITMENT: 2007.5-2012 Dodge Ram equipped with 6.7L Cummins

KIT P/N: FPE-CUMM-EBP-KIT-0712

INSTALL TIME: 30 minutes

TOOLS REQUIRED: 10mm socket or wrench, 12mm socket or wrench, 15mm socket or wrench, 27mm deep well socket or wrench.

KIT CONTENTS:

Item	Description	Qty
1	Exhaust back pressure sensor relocation block	1
2	Exhaust back pressure sensor feed line	1
3	Exhaust back pressure sensor block adapter	1



WARNINGS:

- User assumes sole responsibility for the safe & proper use of the vehicle at all times.
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PROCEDURE:

STEP 1: Park the vehicle on a flat and level surface.

STEP 2: Disconnect the chassis harness from the top of the exhaust backpressure sensor near the thermostat housing. Remove the sensor using a 27mm deep well socket or wrench.

STEP 3: Remove the bolt and nut retaining the OE exhaust backpressure sensor line. Use a 10mm wrench or socket on the rear bolt and a 15mm wrench or socket on the nut.

STEP 4: Using a 12mm wrench, remove the two fittings on either end of the exhaust backpressure sensor line. Remove the line.

STEP 5: Install the exhaust backpressure sensor into the new mounting block included in the kit using a 27mm deep well socket or wrench.

STEP 6: Remove the upper pivot bolt for the alternator using a 15mm socket or wrench and install the new back pressure sensor mounting block directly against the alternator with the backpressure sensor pointed vertically upwards. Reinstall the original bolt and torque to factory specifications.

STEP 7: Install the adapter fitting onto the back side of the sensor block. The O-ring on the adapter fitting will go into the adapter block and the flare side of the fitting will be connected to the back pressure sensor line provided in the kit.

STEP 8: Install and connect the back pressure sensor line at both the exhaust manifold and at the sensor block using a 12mm wrench. Torque both flare nuts to 89 in-lbs. Reconnect the exhaust back pressure sensor to the chassis harness.

STEP 9: Start the vehicle and check for any leaks.

