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GROUP: Emissions Control

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SUBJECT:

MIL Illumination Due To P1C56 - NOx Sensor Intermittent - Bank 1 Sensor 2

OVERVIEW:

This bulletin involves verifying excessive Diesel Exhaust Fluid (DEF) deposits in the decomposition tube collected and if present, replacing the Catalytic Converter Shield with a “clam shell” shield with a metal exterior.

This repair is to be performed in addition to diagnostics available in DEALERCONNECT > Service > Repair Information > TechCONNECT > 28 - DTC-Based Diagnostics > MODULE, Powertrain Control (PCM), DD/DP - Chassis Cab > Diagnosis and Testing > P1C56 - NOx SENSOR INTERMITTENT - BANK 1 SENSOR 2

MODELS:

2011	DD	Ram Truck 3500 Cab Chassis
2011	DP	Ram Truck 4500/5500 Cab Chassis

NOTE: This bulletin applies to vehicles equipped with a 6.7L Cummins diesel engine (sales code ETJ).

SYMPTOM/CONDITION:

Customer may experience MIL illumination. Further investigation by the technician may find P1C56 - NOx Sensor Intermittent - Bank 1 Sensor 2 is set active or stored.

This condition may be caused by insufficient heat retention in the exhaust at or near the DEF doser.

DISCUSSION:

Complete a Diesel Diagnostic Worksheet per instructions in Service Bulletin 18-045-11 Dated October 19, 2011 and U. S. Warranty Bulletin D-11-55 Dated October, 2011. All DTC's need to be recorded on the WRO and DTC's other than the ones listed above may require additional diagnosis and repair after completing this Bulletin.

When diagnosing and repairing 2011 MY trucks with a blanket type catalytic converter shield, please replace shield with p/n 68086554AB after completing diagnostics and repairing any concerns.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68086554AB	Shield, Exhaust, Catalytic Converter

POLICY:

Information Only