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GROUP: Emissions Control

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SUBJECT:

Diagnosing A Urea Module That Is Exposed To Diesel Fuel

OVERVIEW:

This bulletin involves discussing what will happen to the rubber material used in the urea pump when exposed to diesel fuel.

MODELS:

2013 - 2016	(DD)	Ram 3500 Cab Chassis
2013 - 2016	(DJ)	Ram 2500 Pickup
2013 - 2016	(D2)	Ram 3500 Pickup
2013 - 2016	(DP)	Ram 4500/5500 Cab Chassis

**NOTE: This bulletin applies to vehicles within the following markets/countries:
NAFTA.**

NOTE: This bulletin applies to vehicles built with a 6.7L I6 Cummins Turbo Diesel Engine (Sales Code ETK).

DISCUSSION:

This unit is sometimes referred to as the Selective Catalyst Reductant (SCR) module or the Adblue Delivery Module (ADM). Units exposed to hydrocarbons have a particular failure mode, the rubber heater unit is crinkled and in some cases the metal heater protrudes through the rubber membrane.

The rubber material used in this unit is designed to withstand Diesel Exhaust Fluid (DEF) only. Exposure to fluids that contain hydrocarbons (i.e. diesel fuel) will damage the unit beyond repair. Units returned that exhibit this failure mode will have warranty claims that are rejected.

Units that exhibit this failure mode should be considered customer abuse and should not be covered under warranty. Use the Hydrosopic test paper (P/N 223-44-863) available through MoparEssentialTools.com to confirm exposure.

NOTE: When testing for hydrocarbons with the test paper, test the fluid at the top of the tank for the most accurate results.

See (Fig. 1), (Fig. 2), and (Fig. 3) to identify if the module has been exposed to fluids that contain hydrocarbons.



Fig. 1 No Exposure



Fig. 2 Slight Exposure



Fig. 3 Extreme Exposure

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	223-44-863	Hydroscopic Test Paper

UREA MODULE AND LEVEL UNIT:

Models	Description	Part Number
(DD)	Dodge Ram 3500 Cab Chassis	68192659AD
(DJ)	Dodge Ram 2500 Pickup	68192659AD
(D2)	Dodge Ram 3500 Pickup	68192659AD
(DP)	Dodge Ram 4500/5500 Cab Chassis	68192659AD

POLICY:

Information Only.