



NUMBER: 25-001-14

GROUP: Emissions Control

DATE: April 08, 2014

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THE wiTECH SOFTWARE LEVEL MUST BE AT RELEASE 14.03 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Diesel Exhaust Fluid (DEF) Injector Inspection

OVERVIEW:

This bulletin involves pressurizing the Diesel Exhaust Fluid (DEF) injector line to check for a leak during New Vehicle Preparation. The DEF system may not become functional until the vehicle has been driven for 20 miles at one time. This Bulletin will give the steps necessary to ensure DEF system is not leaking.

MODELS:

2014 (DS) Ram Truck (1500)

NOTE: This bulletin applies to DS vehicles equipped with a 3.0L engine (sales code EXF) and 50 States Emissions (sales code NAS) built on or before 3/22/2014 (MDH 0322XX).

SYMPTOM/CONDITION:

A very small number of vehicles may experience a DEF fluid leak under the vehicle. Upon further investigation the Technician may find that the DEF injector is broke.

DIAGNOSIS:

Using a Scan Tool (wiTECH) pressure test the DEF Injector supply line using the Doser Prime function.

1. Key on, Engine not running.
2. Connect the wiTech scan tool and launch application.
3. Run and save a Vehicle Scan Report.
4. Select PCM from the topology screen.
5. Select Misc. Functions tab.
6. Highlight and select "SCR System Pressure Line Replacement".

NOTE: If the fluid is below 12° F (-11° C) it will be frozen. Allow tank/fluid to warm up before continuing the test.

7. Follow screen prompts; Turn ignition off. Tool states to replace line (we are not replacing line).

8. Turn Ignition On and select "Continue"
9. Inspect under the vehicle for evidence of DEF leak near Doser Injector.
10. Was a leak found at the DEF Injector connector?
 - a. Yes >>> Replace DEF Injector. Refer to DealerCONNECT > TechCONNECT > Service Info > 25 - Emissions Control > Diesel Exhaust Fluid Emissions > INJECTOR, Diesel Exhaust Fluid. Use standard service procedures and standard LOP if required.
 - b. No >>>> Inspection complete. No further action required.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
25-08-22-90	Injector Assembly , DEF, Inspect(2-Skilled)	10 - Diesel	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action
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