



NUMBER: 18-042-13

GROUP: Vehicle Performance

DATE: September 14, 2013

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THE wiTECH SOFTWARE LEVEL MUST BE AT RELEASE 14.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: Doser Module, System Enhancements

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software.

SERVICE BULLETIN 18-025-13 REV. A (FLASH PCM) (or alter bulletin) MUST BE PERFORMED IN CONJUNCTION WITH THIS BULLETIN.

MODELS:

2013	(DD)	Ram Chassis Cab (3500)
2013	(DP)	Ram Chassis Cab (4500/5500)

NOTE: This bulletin applies to DD/DP vehicles equipped with a 6.7L Cummins engine (Sales code ETK) equipped with Selective Catalytic Reduction (Urea) (Sales Code XAL).

SYMPTOM/CONDITION:

Software improvements are available for the Diesel Exhaust Fluid (DEF) system on vehicles equipped with a Cummins 6.7L turbo Diesel.

Improvements To Prevent Or Reduce Unnecessary Malfunction Indicator Lamp (MIL) Illumination For:

- P202E - (DIESEL EXHAUST FLUID) REDUCTANT INJECTOR PERFORMANCE

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTC's are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition or if the technician finds the DTC, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Flash reprogram the DCU. Help using the wiTECH Diagnostic Application for flashing the control modules is made available through the wiTECH Diagnostic Application. For instructions select the "HELP" tab on upper portion of the wiTECH window, then "HELP CONTENTS". This will open the Welcome to wiTECH Help screen where help topics can be selected.
2. **After DCU reprogramming, the following must be performed:** clear any DTC's that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.
3. Service Bulletin 18-025-13 REV. A (or later bulletin) must be completed to update the Powertrain Control Module (PCM).

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-18-91	Module, DEF Control Unit (DCU) - Reprogram (1 - Semi-Skilled)	8 - Engine Performance	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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