



**NUMBER:** 18-010-14

**GROUP:** Vehicle Performance

**DATE:** February 20, 2014

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of Chrysler Group LLC.

**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-032-13, DATED AUGUST 15, 2013 AND 18-042-13, DATED SEPTEMBER 17, 2013 WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH \*\*ASTERISKS\*\* WHICH INCLUDE AN ADDITIONAL MODEL YEAR AND AN ADDITIONAL DIAGNOSTIC TROUBLE CODE.**

**HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING "HELP" THEN "HELP CONTENTS" AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.**

**THE wiTECH SOFTWARE LEVEL MUST BE AT RELEASE 14.02 OR HIGHER TO PERFORM THIS PROCEDURE.**

**SUBJECT:**

Flash: Doser Module, MIL Illumination P208D and or P202E

**OVERVIEW:**

This bulletin involves selectively erasing and reprogramming the Doser Control Unit (DCU) with new software.

**FLASH PCM SERVICE BULLETIN 18-018-13 REV. B (OR LATER BULLETIN) SHOULD BE PERFORMED IN CONJUNCTION WITH THIS SERVICE BULLETIN FOR PICKUP TRUCKS**

**FLASH PCM SERVICE BULLETIN 18-025-13 REV. A (OR LATER BULLETIN) SHOULD BE PERFORMED IN CONJUNCTION WITH THIS SERVICE BULLETIN FOR CAB CHASSIS TRUCKS**

**MODELS:**

2013 - **2014** (DJ)	Ram Pick Up (2500)
2013 - **2014** (D2)	Ram Pick Up (3500)
2013 - **2014** DD	Ram Truck - Cab Chassis (3500)
2013 - **2014** DP	Ram Truck -Cab Chassis (4500/5500)

**NOTE: This bulletin applies to D2/DJ/DD/DP vehicles equipped with a 6.7L Cummins engine (Sales code ETK) equipped with Selective Catalytic Reduction (Urea) (Sales Code XAL) built before 02/20/2014 (MDH02/20XX) .**

**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:**

- \*\* P208D - (DIESEL EXHAUST FLUID) REDUCTANT PUMP CONTROL CIRCUIT HIGH \*\*
- 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 DTC's after the flash and allow the tech to clear them.

**FLASH PCM SERVICE BULLETIN 18-018-13 REV. B (OR LATER BULLETIN) SHOULD BE PERFORMED IN CONJUNCTION WITH THIS SERVICE BULLETIN FOR PICKUP TRUCKS**

**FLASH PCM SERVICE BULLETIN 18-025-13 REV. A (OR LATER BULLETIN) SHOULD BE PERFORMED IN CONJUNCTION WITH THIS SERVICE BULLETIN FOR CAB CHASSIS TRUCKS**

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-18-92	Module, DEF Control Unit (DCU) - Reprogram (1 - Semi-Skilled)	8 - Engine Performance	0.2 Hrs.

**NOTE:** The expected completion time for the flash download portion of this procedure is approximately 2 minutes. Actual flash download times may be effected by vehicle connection and network capabilities.

**FAILURE CODE:**

FM	Flash Module
----	--------------