



**NUMBER:** 18-053-11

**GROUP:** Vehicle Performance

**DATE:** December 15, 2011

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**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 11-106. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**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 12.01 OR HIGHER TO PERFORM THIS PROCEDURE.**

**SUBJECT:**

Oil Change Reminder Illuminates Too Early And Avoid MIL Illumination For P2015

**OVERVIEW:**

This bulletin involves diagnosis and selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software or if necessary replacing the intake manifold based on the DIAGNOSIS. This new software once reprogrammed in the PCM will prevent the need to replace the intake manifold when the diagnostic trouble code (DTC) listed below occurs.

**MODELS:**

2011 - 2012	(WK)	Grand Cherokee (International Only)
2012	(LX)	Chrysler 300 (International Only)

**NOTE: This Bulletin applies to vehicles equipped with a 3.0L Turbo Diesel (Sales Code EXF) on WK vehicles built before October 11, 2011 (MDH 1011XX) or LX vehicles built before October 14, 2011 (MDH 1014XX).**

**SYMPTOM/CONDITION:**

The customer may experience an early illumination of the oil change reminder lamp and/or a MIL illumination.

Upon further investigation the Technician may find that Diagnostic Trouble Code (DTC) P2015 - Intake Manifold Runner Position Sensor Performance has been set.

**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 other than the one listed above are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair.

**PARTS REQUIRED:**

Qty.	Part No.	Description
1	04275086AD	Label, Authorized Modification
AR (1)	68169855AA	Manifold, Intake And Gasket Set

**REPAIR PROCEDURE:**

1. Connect wiTech to the vehicle.
2. Turn ignition key on.
3. Read DTC.
4. Is P2015 - Intake Manifold Runner Position Sensor Performance set active or stored?
  - a. Yes >>> proceed to [Step #5](#)
  - b. No >>> proceed to [Step #6](#)
5. Replace Intake Manifold. Refer To Group 9 - Engine, 3.0L Turbo Diesel > Manifolds - Manifold, Intake > removal & installation procedures and proceed to [Step #6](#).

**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.**

6. Reprogram the PCM with the latest software. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming. **After PCM reprogramming, the following must be performed:**
  - a. 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.
7. Type the necessary information on the "Authorized Modification Label" and attach it near the VECI label.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Amount
18-19-06-P7	Module, Powertrain Control (PCM) - Reprogram (C)	0.3 Hrs.

	(Skill Level = C; Training Level = 2)	
09-50-01-92	Manifold, Intake - Replace and Reprogram (C) (Skill Level = B; Training Level = 3)	8.7 Hrs.

***FAILURE CODE:***

FM	Flash Module
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