



**NUMBER:** 18-019-12

**GROUP:** Vehicle Performance

**DATE:** June 15, 2012

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

***SUBJECT:***

Flash: Loss Of Power On Acceleration From Idle And MIL Illumination P0299 Or P049D

***OVERVIEW:***

This bulletin involves flash reprogramming the Powertrain Control Module (PCM) with new software.

***MODELS:***

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

**NOTE: This Service Bulletin applies to vehicles equipped with a 3.0L turbo diesel (sales code EXF).**

***SYMPTOM/CONDITION:***

Some customers may complain of loss of power on acceleration from idle and MIL illumination. The engine loss of power is momentary and then it returns to full power, but the MIL light stays on. Further investigation by the technician may find P0299 Turbocharger Underboost or P049 EGR Control Position Exceeded Learning Limit is set.

**NOTE: These codes may inhibit DPF regeneration.**

***DIAGNOSIS:***

Using a Scan Tool (wiTECH™) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no DTC's are set. If DTC's are present other than the one listed above record them on the repair order and repair as necessary before proceeding further with this bulletin.

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

**PARTS REQUIRED:**

Qty.	Part No.	Description
1	04275086AD	Label, Authorized Modification

**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. Reprogram the PCM with the latest software. Follow the detailed service procedures available in DealerCONNECT/TECHCONNECT, Refer To 8 - Electrical/Electronic Control Modules/Powertrain Control Module - Standard Procedure PCM/ECM Programming.
2. **After PCM reprogramming**, 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. 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-R6	Module, Powertrain Control (PCM) - Reprogram (Skill Level = C; Training Level = 2)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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