



**NUMBER:** 18-009-10

**GROUP:** Vehicle Performance

**DATE:** April 9, 2010

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**THE wiTECH DIAGNOSTIC APPLICATION IS THE PREFERRED METHOD FOR FLASHING ECUs. 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 10.03 OR HIGHER TO PERFORM THIS PROCEDURE.**

**StarMOBILE DESKTOP CLIENT or StarSCAN MAY ALSO BE USED TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: MIL Illumination P0171 And/Or P0174 And/Or P0133 And/Or P0420 Brazil Market

***OVERVIEW:***

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

**NOTE: When flashing the PCM be sure to select the correct software file to reprogram into the PCM based on your market. You will be presented with two choices; one for European Markets and a new one for the Brazil Market.**

***MODELS:***

2007 - 2008	(WH)	Grand Cherokee (International Markets)
2007 - 2008	(XH)	Commander (International Markets)

**NOTE: This bulletin applies to all vehicles equipped with a 5.7L engine (Sales code EZB) and a 545 RFE automatic transmission (Sales code DGQ).**

***SYMPTOM/CONDITION:***

The customer may experience a MIL illumination. Upon further investigation the Technician may find that one or all of the following Diagnostic Trouble Codes (DTC) are present:

1. P0171 - System Too Lean (Bank 1)
2. P0174 - System Too Lean (Bank 2)
3. P0133 - O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)
4. P0420 - Catalyst System Efficiency Below Threshold (Bank 1)



**Stick with the Specialists™**

This Software was created specifically for the Brazilian market to address the issues above due to fuel differences between European markets and the Brazilian market.

**DIAGNOSIS:**

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

If the above condition is present, perform the Repair Procedure.

**PARTS REQUIRED:**

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

**REPAIR PROCEDURE:**

**NOTE: When flashing the PCM be sure to select the correct software file to reprogram into the PCM based on your market. You will be presented with two choices; one for European Markets and a new one for the Brazil Market.**

**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 Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming - Gas. **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.
2. 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-G6	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.
<b>International Related Operation</b>		
18-00-00-WT	StarSCAN/StarMOBILE (International) (C)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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