



**NUMBER:** 18-001-10 REV. A

**GROUP:** Vehicle Performance

**DATE:** April 28, 2010

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-001-10, DATED JANUARY 9, 2010, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE THE ADDITION OF VEHICLE MODELS AND ENGINES.**

**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 MAY ALSO BE USED TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: MIL Illumination For P050D - Cold Start Rough Idle

***OVERVIEW:***

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

***MODELS:***

2010	(RT)	Town & Country/Grand Voyager
2010	(JC)	Journey
2010	(JS)	Sebring/Avenger/Sebring Convertible
<b>**2009</b>	(WH)	Grand Cherokee (International Markets)**
<b>**2009</b>	(XK)	Commander**
<b>**2009</b>	(XH)	Commander (International Markets)**
<b>**2009</b>	(WK)	Grand Cherokee**



**Stick with the Specialists™**

**NOTE: This bulletin applies to vehicles built with a 4.0L built before December 09, 2009 (MDH1209XX) or vehicles built with a 3.5L or 2.7L engine (Sales Codes EGF or EER) built before December 17, 2009 (MDH 1217XX) \*\*or WK, WH, XK and XH vehicles equipped with a 4.7L engine (Sales code EVE) and a 545RFE automatic transmission (Sales code DGQ).\*\***

***SYMPTOM/CONDITION:***

Some customers may complain of a MIL illumination. Upon further investigation the Technician may find that P050D - Cold Start Rough Idle 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 the vehicle operator describes or experiences the Symptom/Condition, perform the Repair Procedure.

***PARTS REQUIRED:***

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

**REPAIR PROCEDURE:**

**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.
  - b. On 62 TE models, clear the Variable Line Pressure (VLP) Counters, found in the Misc Function menu for the PCM ECU.
  - c. On 62 TE models, perform the Quick Learn function, found in the Misc Function menu for the PCM ECU.
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
18-19-06-91	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.
<b>International Related Operation</b>		
18-00-00-WT	StarMOBILE (International) (C)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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