



**NUMBER:** 18-027-09

**GROUP:** Vehicle Performance

**DATE:** September 30, 2009

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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 10.01 OR HIGHER TO PERFORM THIS PROCEDURE.**

**StarSCAN OR 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 selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software.

***MODELS:***

2008 - 2009 (WK) Grand Cherokee

**NOTE: This bulletin applies to WK vehicles equipped with a 6.1L engine with a NAG1 automatic transmission (Sales code ESF and DGJ) and 50 State emissions (sales code NAS).**



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**SYMPTOM/CONDITION:**

The customers may experience 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™ or StarSCAN®) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. 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 above condition is present, 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.
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-G1	Module, Powertrain Control (PCM) - Reprogram (B)	0.2 Hrs.
<b>International Related Operation</b>		
18-00-00-WT	StarSCAN/StarMOBILE (International) (B)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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