



NUMBER: 18-026-10

GROUP: Vehicle Performance

DATE: September 25, 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 11.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: MIL Illumination, Sag/Hesitation At Launch

OVERVIEW:

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

MODELS:

2011 (WK) Grand Cherokee

NOTE: This Service Bulletin applies to vehicles equipped with a 3.6L engine (Sales Code ERB) built before August 17, 2010 (MDH 0817XX).

SYMPTOM/CONDITION:

Some customers may notice the following conditions:

- MIL Illumination for P06DD - Engine Oil Pressure Control Circuit Performance/Stuck Off. Calibration changes have been made to address issues seen when transiting from a low pressure mode to a high pressure mode at low oil temperatures.
- Sag/Hesitation at launch. This can happen after the vehicle has been driven, shut off and the engine begins to cool down. On next drive cycle the customer may notice this condition. Calibration changes were made to exhaust cam center line position after a start to correct the condition.
- Enable low idle mode to improve fuel economy. Low idle mode is 550 RPM under certain conditions.

The PCM software was modified to correct these conditions.

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 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. 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. **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
18-19-06-95	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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