



NUMBER: 18-033-11

GROUP: Vehicle Performance

DATE: June 24, 2011

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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 12.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash MIL Illumination P2097 And/Or P2099

OVERVIEW:

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

MODELS:

2011 (LC) Challenger

NOTE: This bulletin applies to vehicles equipped with the 6.4L engine (sales code ESG) with an automatic transmission (sales code DGJ) and 50 state emissions (sales code NAS) built before June 11, 2011 (MDH 0611XX).

SYMPTOM/CONDITION:

The customer may experience a MIL illumination. Upon further investigation the Technician may find that any of the following Diagnostic Trouble Codes have been set.

- i. P2097 - Downstream Fuel Trim System 1 Rich
- ii. P2099 - Downstream Fuel Trim System 2 Rich

This condition can occur when the vehicle is driven at highway speeds, 70 mph (112 kph) or greater and two good trips are achieved. Under these conditions the PCM mistakenly sets the DTC.

NOTE: If the driver did not drive the vehicles under the conditions above then the issue is most likely a exhaust leak or another condition. Follow the diagnostic procedures available in DealerCONNECT/TechCONNECT to diagnose this condition.

The PCM software has been updated to accommodate this condition.

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 other than the ones listed above are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

PARTS REQUIRED:

Qty.	Part No.	Description
AR (1)	04275086AB	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 Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming. **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-L7	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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