



NUMBER: 18-039-13

GROUP: Vehicle Performance

DATE: September 13, 2013

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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 14.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: MIL Illumination P1621- O2 Sensor Reference Voltage Circuit Low or P1622- O2 Sensor Reference Voltage Circuit High

OVERVIEW:

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

MODELS:

| | | |
|------|------|------------|
| 2014 | (LC) | Challenger |
| 2014 | (LX) | 300 |
| 2014 | (LD) | Charger |

NOTE: This bulletin applies to vehicles equipped with a 5.7L engine (sales code EZH) or a 5.7L engine (sales code EZC) built on or before September 4, 2013 (MDH 0904XX).

SYMPTOM/CONDITION:

A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find that the following Diagnostic Trouble Codes have been set:

- P1621 - O2 Sensor Reference Voltage Circuit Low
- P1622 - O2 Sensor Reference Voltage Circuit High

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 customer describes the symptom/condition or if the technician finds the DTC, perform the Repair Procedure.

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.
2. **After PCM reprogramming, the following must be performed:**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.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

| Labor Operation No: | Description | Skill Category | Amount |
|---------------------|---|------------------------|----------|
| 18-19-06-W2 | Module, Powertrain Control (PCM) - Reprogram (1 - Semi-Skilled) | 8 - Engine Performance | 0.2 Hrs. |

FAILURE CODE:

| | |
|----|--------------|
| FM | Flash Module |
|----|--------------|