



NUMBER: 18-006-15 REV. B

GROUP: Vehicle Performance

DATE: February 26, 2015

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-006-15 REV. A DATED JANUARY 24, 2015, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDES AN IMPROVEMENT FOR 2015 PF VEHICLES.**

THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 15-012. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

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 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: 2.4L Powertrain Diagnostic and System Improvements

OVERVIEW:

This bulletin involves reprogramming the Powertrain Control Module (PCM) with the latest available software.

MODELS:

2013-2015	(PF)	Dodge	Dart
2015	(UF)	Chrysler	200

NOTE: ** This bulletin applies to vehicles equipped with a 2.4L engine (sales codes ED6, ED8, EDD, or EDE).******

SYMPTOM/CONDITION:

A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Codes (DTCs) set in the PCM memory:

2015 UF Vehicles, built on or before October 21, 2014 (MDH 1021XX).

- P2172 - High Airflow/Vacuum Leak Detected.
- P1D73 - AGS Performance.
- U0140 - Lost Communication With Body Control Module.

2015 PF Vehicles, built on or before January 08, 2015 (MDH 0108XX).

- ****Improve cabin warm up in cold weather, when the vehicle is in park or neutral and the temperature is between °10F to °40F (-12C to 4.5C).****
- P219A - Bank 1 Air-Fuel Ratio Imbalance.
- P2172 - High Airflow/Vacuum Leak Detected.
- P1D73 - AGS Performance.
- U0140 - Lost Communication With Body Control Module.

2013-2014 PF Vehicles.

- P219A - Bank 1 Air-Fuel Ratio Imbalance.
- P2251 - O2 Sensor 1/1 Negative Current Control Circuit Open.
- P106A - Cylinder 3 Oil Supply Solenoid Valve Switch Off Time Out Of Range.
- P2172 - High Airflow/Vacuum Leak Detected.
- P1D73 - AGS Performance.
- U0140 - Lost Communication With Body Control Module.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all vehicle systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition, or if the technician finds any of the DTCs listed above 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. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the "HELP" tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.

NOTE: If the PCM already has the latest software, use inspection LOP 18-19-06-ZC to close the action RRT.

2. **After PCM reprogramming, the following must be performed:** clear any DTCs that may have been set in any module 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-ZC	Module, Powertrain Control (PCM) - Inspection Only (0 - Introduction)	8 - Engine Performance	0.2 Hrs.
18-19-06-BR	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	8 - Engine Performance	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 6 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module
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