



NUMBER: 18-040-14 REV. A

GROUP: Vehicle Performance

DATE: September 19, 2014

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-040-14, DATED JULY 24, 2014, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDES AN ADDITIONAL DIAGNOSTIC TROUBLE CODE (DTC).**

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 15.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: Diagnostic And System Improvements For P219A And Or P106A

OVERVIEW:

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

MODELS:

2014 (PF) Dart

NOTE: This bulletin applies to vehicles equipped with a 2.4L engine (sales code ED6) built on or before July 16, 2014 (MDH 0716XX).

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 (DTCs) have been set:

- **** P106A - Cylinder 3 Oil Supply Solenoid Valve Switch Off Time Out Of Range. ****
- **P219A - Bank 1 Air-Fuel Ratio Imbalance.**

DIAGNOSIS:

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

If a customer describes the symptom/condition or if the technician finds the listed DTCs, 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 available 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: After PCM reprogramming, the following must be performed:

2. Clear any DTCs 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-AC	Module, Powertrain Control (PCM) - Reprogram (1 - Semi-Skilled)	8 - Engine Performance	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 12 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module
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