SERVICE BULLETIN

NUMBER: 18-032-14 REV. A

GROUP: Vehicle Performance

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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 **15.01 OR HIGHER TO PERFORM THIS PROCEDURE.**

SUBJECT:
Flash: MIL Illumination. Includes Various Drivability Improvements

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 1.4L engine (sales code EAF) built on or before March 26, 2014 (MDH 0325XX).

SYMPTOM/CONDITION:
A customer may experience one of more of the following conditions:

- **Engine bump sensation felt during moderate to heavy acceleration over 3500 RPM.**
- DTC P061A- Level 2 torque performance set
- Engine difficult to restart after cold or warm soak periods.
- Intermittent high coolant temp warning lamp illumination when using cruise control **Condition occurs in conjunction with the P061A DTC listed above.**
- Poor A/C performance primarily during extended hot idle and/or low speed driving conditions **Applies to vehicles built with 1234YF refrigerant sales code XFC.**

DIAGNOSIS:
Using a Scan Tool (wiTECH) and the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTCs other than

P061A are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/conditions 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. 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. Perform Cruise Control Learn Procedure.
   a. Turn Ignition Key to the OFF/LOCK position for 10 seconds to allow the module to power down.
   b. Turn Ignition Key to the ON/RUN position.
   c. Press, then release the Cruise ON/OFF button on the steering wheel.
   d. Start Engine.
   e. Press the Cruise ON/OFF button to verify that the Cruise indicator illuminates on the cluster.
3. Is vehicle equipped with a manual transmission?
   a. Yes >>> DTC P1302 - Transmission Self Learning will be present. **Depress clutch pedal fully to allow DTC to store**, proceed to Step 4.
   b. No >>> DTC P1302 - Transmission Self Learning will be stored, proceed to Step 4.

NOTE: After PCM reprogramming, the following must be performed.

4. 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
18-19-06-9U	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 13 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module