SERVICE BULLETIN

THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-015-13 REV. A, DATED MAY 11, 2013, WHICH SHOULD BE REMOVED FROM YOUR FILES. THIS IS A COMPLETE REVISION AND NO ASTERISKS HAVE BEEN USED TO HIGHLIGHT REVISIONS. THE POWERTRAIN CONTROL MODULE (PCM) PORTION OF THIS BULLETIN WAS REMOVED. THE BODY CONTROL MODULE (BCM) AN THE SYMPTOM CONDITIONS IS BEING UPDATED.

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 IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:
Flash: Body Control Module (BCM) Diagnostic And System Improvements

OVERVIEW:
This bulletin involves updating the BCM software.

MODELS:

2012 - 2013	(PF)	Dodge Dart

NOTE: This bulletin applies to vehicles equipped with a 2.0L engine (sales code ECK).

SYMPTOM/CONDITION:
Some customers may experience any of the following conditions:

- Engine starts then immediately stalls when using Remote Start system (Instrument Cluster may display the message "Remote Start Disabled, Start Vehicle to Reset").
- Engine cranks and does not start following the condition described above.
- Engine may be hard to re-start at ambient temps below -12°C (10°F).

NOTE: The Powertrain Control Module (PCM) and Transmission Control Module (TCM) must be up to date for these changes to be effective.

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 the customer describes the symptom/condition listed above or if the technician finds 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 BCM 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.
2. Using wiTECH, restore configuration and align proxi. This routine is available under the "Diagnostic Procedures" tab found on the home, "Vehicle View", page of wiTECH.

NOTE: Verify the TCM and PCM is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the modules software.

3. Clear all 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 them to be cleared.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-9P	Module, Body Control (BCM) - Reprogram (1 - Semi-Skilled)	8 - Engine Performance	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 2 minutes. Actual flash download times may be affected by vehicle configuration, connection, and network capabilities.

FAILURE CODE:
The dealer must choose which failure code to use. If the customer came in with an issue and the dealer found updated software to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash