



NUMBER: 18-079-16

GROUP: Vehicle Performance

DATE: July 08, 2016

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-022-14 REV. A, DATED DECEMBER 11, 2014, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE ADDITIONAL TRANSMISSION INFO, NEW SYMPTOM/CONDITIONS FOR THE 2014 MY PZEV ENGINE (SALES CODE EDG), AND LOP.**

FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

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

SUBJECT:

Flash: Powertrain Diagnostic And System Enhancements

OVERVIEW:

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

MODELS:

2013 - 2014	(JS)	Chrysler Dodge	200 Avenger
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NOTE: **This bulletin applies to vehicles equipped with a 2.4L I4 PZEV 16V Dual VVT Engine (Sales Code EDG) equipped with a 6-Speed automatic transmission (Sales Code DG2) or equipped with a 4-Speed Automatic VLP Transmission (Sales Code DFF).******

NOTE: This bulletin applies to vehicles equipped with a 2.4L I4 DOHC 16V Dual VVT Engine (Sales Code ED3), and a 6-Speed automatic transmission (Sales Code DG2).

SYMPTOM/CONDITION:

Customers may experience any of the following:

- **Rough idle (Sales Code EDG).
- A Transmission Tip-In bump (Sales Code EDG).
- Hard to start in cold ambient temps. (Sales Code EDG).**
- Engine idle cycling on cold start in gear (Sales Codes ED3 & EDG).
- Slight engine surge driving at highway speeds (Sales Codes ED3 & EDG).

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If DTCs 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 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 application's "HELP" tab.
2. 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 them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-LE	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair And Performance	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 5 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must choose which failure code to use. If the customer came in with an issue and if the dealer finds a software update 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