



NUMBER: 18-076-17

GROUP: 18 - Vehicle Performance

DATE: August 18, 2017

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-073-16, DATED JUNE 23, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE ADDITIONAL SALES CODES FOR (LD) PURSUIT VEHICLES, BUILD DATE, DIAGNOSTIC TROUBLE CODE (DTC), UPDATED FAILURE CODE STATEMENT 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:

2016	(LA)	Dodge Challenger
2016	(LD)	Dodge Charger
2016	(LX)	Chrysler 300

NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA, APAC, EMEA and LATAM.

NOTE: ****This bulletin applies to LD vehicles equipped with 3.6L V6 24V VVT Engine (Sales Code ERB) with Police Group (Sales Code AHB) or Special Service Group (Sales Code AHV).****

NOTE: This bulletin applies to vehicles equipped with 3.6L V6 24V VVT Engine (Sales Code ERB) or equipped with 3.0L V6 24V VVT Engine (Sales Code EHD) and 8-SPD Auto 845RE Transmission (Sales Code DFL) or 8-SPD Auto 8HP45 Transmission (Sales Code DFG) or 5-Speed Auto W5A580 Transmission (Sales Code DGJ).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Codes (DTCs) have been set:

- ****P2066 - Fuel Level Sensor 2 Performance (Sales Codes ERB with AHB or AHV only).****
- P0335 - Crankshaft Position Sensor Circuit.
- P0456 - EVAP System Small Leak.
- P2610 - PCM Internal Engine Off Timer Performance.

In addition to the above DTCs, this software release also includes:

- Enhancements to the disable misfire monitor when P0335 is present.
- Add a global disable to small leak monitor when the fuel level is above 88%.
- Update small leak diagnostic to require five minutes of engine run-time and 120 minutes of engine off-time.
- Updates to prevent false failure due to wrong ambient temperature reading.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related 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.

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 application's "HELP" tab.
2. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.
3. Verify the Transmission Control Module (TCM) is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-SV	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 use failure code CC with this Service Bulletin.**

- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C’s (customer’s concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.**

CC	Customer Concern
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