



NUMBER: 18-070-20

GROUP: 18 - Vehicle Performance

DATE: August 27, 2020

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This bulletin supersedes Service Bulletin 18-042-17, dated May 04, 2017, which should be removed from your files. All revisions are highlighted with **asterisks**** and include updated software for LD vehicle's with police package to better address an odor condition and LOP.**

SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

This bulletin involves reprogramming the PCM with updated software.

MODELS:

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

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

NOTE: This bulletin applies to vehicles equipped with 5.7L V8 Hemi VVT Engine (Sales Code EZC) or equipped with 5.7L V8 Hemi MDS VVT Engine (Sales Code EZH).

NOTE: This bulletin applies to LD vehicles equipped with 5.7L V8 Hemi MDS VVT Engine (Sales Code EZH) with Police Group (Sales Code AHB) or Special Service Group (Sales Code AHV).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs) set in memory:

- P0456 - EVAP System Small Leak.
- P0335 - Crankshaft Position Sensor Circuit.
- P2610 - PCM Internal Engine Off Timer Performance.

In addition, customers with an (LD) pursuit vehicle may experience the following condition:

- An unpleasant odor in the vehicle under certain extreme ambient conditions (**Sales Codes EZH with AHB or AHV only**).

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related 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

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 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-CL	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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