



**NUMBER:** 18-086-19

**GROUP:** 18 - Vehicle Performance

**DATE:** October 30, 2019

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**SUBJECT:**

Flash: Powertrain Control Module (PCM) Updates

**OVERVIEW:**

This bulletin involves reprogramming the PCM with updated software.

**MODELS:**

2019 (LA) Dodge Challenger

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

**NOTE:** This bulletin applies to vehicles built on or before November 13, 2018 (MDH 1113XX) equipped with 5.7L V8 Hemi MDS VVT Engine (Sales Codes EZH or EZC) equipped with 8-Speed Automatic 8HP70 Transmission (Sales Code DFK) or 6-Speed Manual Tremec Transmission (Sales Code DEC).

**SYMPTOM/CONDITION:**

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P0456 - EVAP System Small Leak.

**NOTE:** If DTC P0456 is present use the wiTECH Small Leak Verification test (SLVT) to determine if a leak is present in the system.

**NOTE:** Perform this software flash only on vehicles with less than 57 miles on the odometer.

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

If the customer describes a symptom/condition or if the technician finds a DTC listed above, perform the repair procedure.

**REPAIR PROCEDURE:**

**NOTE:** Perform this software flash only on vehicles with less than 57 miles on the odometer.

**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 available 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.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-06-AJ	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 3 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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