

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	TSB: 18-090-23 GROUP 18 - Vehicle Performance	Date:	August 16, 2023	REVISION:	–
VEHICLES AFFECTED:	2022 (LA) Dodge Challenger This bulletin applies to vehicles equipped with a 5.7L V8 Hemi VVT Engine (Sales Code EZC).			MARKET APPLICABILITY: ☒ NA☒ MEA ☒ SA☒ IAP ☒ EE☒ CH	
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that one or more of the following Diagnostic Trouble Codes (DTCs) have been set: • P0455 - EVAP System Large Leak. • P0456 - EVAP System Small Leak. • P0440 - General EVAP System Failure. • P0441 - EVAP Purge System Performance.				
CAUSE:	PCM Software				

REPAIR SUMMARY:

This bulletin involves reprogramming the PCM with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-06-9S	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair And Performance	0.2 Hrs.
Failure code	CC	Customer Concern	

Optional LOP

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-06-60	Top Gear Relearn -Reprogram (0 - Introduction)	1 - Engine Repair And Performance	0.2 Hrs.
Failure code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer's concern matches the SYMPTOM identified in the Technical 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 Technical Service Bulletin flash/reprogramming conditions.

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.

If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

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 available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. 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.
3. Is the vehicle equipped with Sales Code (DEC), (Manual Transmission)?
 - YES>>> Proceed to [Step 4](#).
 - NO>>> Repair is complete, use LOP (18-19-06-9S) only.
4. After the PCM flash is performed, it is necessary to perform a "Top Gear Learn" for the shift light fix to take effect. For a "Top Gear Learn" please operate the vehicle under the following conditions for 1 minute:
 - Transmission in 6th gear.
 - Vehicle speed greater than 80 kph (50 mph).
 - Engine speed greater than 1200 rpm.
 - Accelerator pedal position greater than 5% (maintaining the above vehicle/engine speed is usually sufficient).

POLICY:

Reimbursable within the provisions of the warranty.

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