



**NUMBER:** 18-014-22

**GROUP:** 18 - Vehicle Performance

**DATE:** January 25, 2022

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**This bulletin supersedes Technical Service Bulletin 18-063-21, date of issue August 12, 2021, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include additional symptom/condition, note and additional repair procedure and LOP.**

***SUBJECT:***

Flash: Powertrain Control Module (PCM) Updates

***OVERVIEW:***

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

***MODELS:***

2021 (LA) Dodge Challenger

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

**NOTE: This bulletin applies to vehicles equipped with a 6.4L V8 SRT Hemi Engine (Sales Code ESH) with SRT Performance Pages (Sales Code JAV).**

***SYMPTOM/CONDITION:***

**\*\* Customer may comment on any of the following:**

- Spark Knock under heavy load/throttle.
- Shift light is inoperable.\*\*

***DIAGNOSIS:***

Using a Scan Tool (wiTECH 2) 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 the symptom/condition 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 available software. Detailed instructions for flashing control modules using the wiTECH 2 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 2 application will automatically present all DTCs after the flash and allow them to be cleared.
3. **\*\*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.

**TIME ALLOWANCE:**

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

**OPTIONAL LOP ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-06-60	Manual Transmission Equipped - Top Gear Learn Test Drive (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 Technical Service Bulletin.**

- If the customer's concern matches the SYMPTOM/CONDITION 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.

CC	Customer Concern
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