

Technical Service Bulletin (TSB)
Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	TSB: 18-100-23 GROUP: 18 - Vehicle Performance	Date:	September 16, 2023	REVISION:	18-057-19 REV. B
VEHICLES AFFECTED:	2019 (WK) Jeep Grand Cherokee This bulletin applies vehicles equipped with the 3.6L V6 24V VVT Engine UPG I W/ ESS (Sales Code ERC).			MARKET APPLICABILITY: ☒ NA ☒ SA ☒ EE ☒ MEA ☒ IAP ☐ CH	
CUSTOMER SYMPTOM:	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) has been set: • **P0441 - EVAP Purge System Performance (for North America and Mexico markets only).** • 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. **				
CAUSE:	PCM Software				

This bulletin supersedes Technical Service Bulletin (TSB) 18-057-19 REV. B, date of issue July 12, 2019, which should be removed from your files. All revisions are highlighted with ****asterisks**** which include an additional DTC and a note.

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-HD	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair and Performance	0.3 Hrs.
Failure Code	CC	Customer Concern	

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	-	-

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 the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

REPAIR PROCEDURE:

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. 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 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.

POLICY:

Reimbursable within the provisions of the warranty.

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