

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

REFERENCE:	TSB: 18-035-25 GROUP: 18 - Vehicle Performance	Date:	June 25, 2025	REVISION:	18-100-23
VEHICLES AFFECTED:	2019 (WK) Jeep Grand Cherokee This bulletin applies to vehicles equipped with 3.6L V6 24V VVT Engine UPG I W/ESS (Sales Code ERC) and the **8-SPD Auto 850RE (Sales Code DFT)**.			MARKET APPLICABILITY: ☒ NA ☒ SA ☒ EE ☒ MEA ☒ IAP ☐ CH NOTE: **This bulletin applies to North and South America, Enlarged Europe, Middle East & Africa and India & Asia Pacific markets. **	
CUSTOMER SYMPTOM:	**Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs): ● P0420 - Catalyst System Efficiency Below Threshold Bank 1. ● P0430 - Catalyst System Efficiency Below Threshold Bank 2.** ● 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. **In addition, the customer may experience the following: ● Vehicle fails emissions inspection testing due to OBD catalyst monitor readiness.**				
CAUSE:	PCM software				

This bulletin supersedes Technical Service Bulletin (TSB) 18-100-23, date of issue September 16, 2019, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include the addition of a sales code, additional Customer Symptoms, additional DTCs, updated LOP, a new Market Applicability note, an updated Repair Procedure step and a new Repair Procedure 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-JD	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair and Performance	0.3 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 software. **If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.**
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.

NOTE: **For SA market only, after applying this TSB, it is not necessary to send DID-I or DID-A.**

POLICY:

Reimbursable within the provisions of the warranty.

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