

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	TSB: 18-007-26 REV. B GROUP: 18 - Vehicle Performance	Date:	April 17, 2026	REVISION:	18-007-26 REV. A 18-063-25 18-071-22 REV. C
VEHICLES AFFECTED:	2022 (JT) Jeep Gladiator This bulletin applies to vehicles equipped with a 3.6L V6 24V VVT Engine UPG 1 W/ESS (Sales Code ERC).			MARKET APPLICABILITY: ☒ NA☒ MEA ☒ SA☒ CH ☐ EE☒ IAP NOTE: **This bulletin applies to the Enlarged Europe, China, India & Asia Pacific, Middle East & Africa, South America and North America 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): • **P0301 - Cylinder 1 Misfire (Active or Stored status set during cold start catalyst heating). • P0302 - Cylinder 2 Misfire (Active or Stored status set during cold start catalyst heating). • P0303 - Cylinder 3 Misfire (Active or Stored status set during cold start catalyst heating). • P0304 - Cylinder 4 Misfire (Active or Stored status set during cold start catalyst heating). • P0305-00 - Cylinder 5 Misfire (Active or Stored status set during cold start catalyst heating). • P0306-00 - Cylinder 6 Misfire (Active or Stored status set during cold start catalyst heating).** • P0300 - Multiple Cylinder Misfire. • P0032 - O2-Sensor 1/1 Heater Circuit High. • P0038-02 - O2-Sensor 1/2 Heater Circuit High. • P0052-02 - O2-Sensor 2/1 Heater Circuit High. • P0058-02 - O2-Sensor 2/2 Heater Circuit High. • P0132-02 - O2 Sensor 1/1 Circuit High. • P0138-02 - O2 Sensor 1/2 Circuit High. • P0152-02 - O2 Sensor 2/1 Circuit High. • P0158-02 - O2 Sensor 2/2 Circuit High. • P2100 - Electronic Throttle Control Motor Circuit. • P2107 - Electronic Throttle Control Module Processor. • P0129 - Barometric Pressure Out Of Range Low. China Market Only • P08A6 - Gear Lever Position Sensor System - Multiple Sensor Correlation. (Manual Transmission Only). • P152F - Engine Hood Switch 2 / Engine Hood Switch 1 Correlation. • P1129 - Closed Loop Fueling Not Achieved - Bank 2 Upstream. Customers may also comment on one or more of the following: • **The vehicle has a rough idle. • The engine has a miss. • Noisy valvetrain.**				

	• "Service Transmission" message in the Instrument Panel Cluster (IPC) due to clutch slip detection with the transfer case in neutral (Manual Transmission Only). NOTE: Customers might experience wheel spin or slippage and the PCM could interpreted the wheel spin or slippage as slipping the clutch too much and to avoid clutch damage, the customer may see the message in the IPC. • Vehicle is stuck in limp-home mode. • Clutch is overheating. • Clutch is slipping on engagement. • Inability to accelerate uphill. • Vehicle does not start. • The engine runs rough. The following software enhancement is also available: • Engine oil pump in high pressure mode with cold engine oil to improve valvetrain component reliability.
CAUSE:	PCM software

This bulletin supersedes Technical Service Bulletin (TSB) 18-007-26 REV. A, date of issue February 17, 2026, 18-063-25, date of issue July 24, 2025 and 18-071-22 REV. C date of issue December 01, 2022 which should be removed from your files. All revisions are highlighted with ****asterisks**** and include additional DTCs, new Customer Symptoms, updated Market Applicability note, updated RSU note, new LOP, and a new Repair Procedure note. Revisions not highlighted with asterisks include removal of the transmission Sales Codes.

****This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-231, date of issue December 01, 2022. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.****

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-N1	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 available 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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