



NUMBER: 18-082-22

GROUP: 18 - Vehicle Performance

DATE: April 14, 2022

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This bulletin supersedes Technical Service Bulletin 18-078-20, dated September 04, 2020, which should be removed from your files. All revisions are highlighted with **asterisks**** and include additional Symptom/condition and LOP.**

SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

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

MODELS:

2018 (MP) Jeep Compass

NOTE: This bulletin applies to vehicles within the following markets/countries: North America, EMEA and South Korea.

NOTE: This bulletin applies to vehicles equipped with a 2.4L I4 Engine (Sales Codes EDD, EDE and ED6).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that one or more of the following DTCs have been set:

NOTE: DTC P1DD2 will be stored in the Transmission Control Module (TCM) however no DTCs will be stored in the PCM. Verify no unrelated codes are stored in the PCM before flashing. If codes are stored in the PCM, normal diagnosis should be performed.

- B25C9 - Driver Door Ajar Switch 2 Stuck Closed.
- P061A - Level 2 Torque Performance.
- P06E9 - Engine Starter Performance **(North America Only)**.
- C050D - Wheel Speed Signal Left Rear Rationality.
- C0501 - Wheel Speed Signal Left Front Rationality.
- C0507 - Wheel Speed Signal Right Front Rationality.
- C0513 - Wheel Speed Signal Right Rear Rationality.
- P1DD2 - Torque Request Signal From TCM Denied will be present, set by the TCM and the vehicle will be in limp home mode **(Sales Codes DF5 and DF7 - Automatic Transmission Vehicles Only)**.
- U1428 - Inaccurate Engine Torque Received **(Sales Codes DF5 and DF7 Only)**.

Customers may also comment on one of the following:

- ****Long engine cranking prior to vehicle start more noticeable when the outside temperature is above 40°C (104°F) (EMEA with Sales Code ED6 only).****
- Poor shift quality.
- Lack of vehicle speed.
- Vehicle will intermittently not start **(South Korea Only)**.
- The vehicle is in limp home mode (shift RPMs are limited) with no DTCs set **(Sales Code DE1 - Manual Transmission Vehicles Only)**.

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 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 or if the technician finds the DTCs, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: The TCM must be updated to the latest available software at the conclusion of this repair procedure. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software.

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. 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. If DTC P1DD2 is set in the TCM, verify the TCM is programmed with the latest available software **(Sales Codes DF5 and DF7 Only)**. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-FT	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair and Performance	0.3 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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