



NUMBER: 08-210-22

GROUP: 08 - Electrical

DATE: November 16, 2022

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This bulletin supersedes Technical Service Bulletin 08-051-20, dated April 29, 2020, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include additional model years, models, build dates, Diagnostic Trouble Code (DTC), Symptom/Conditions and LOP.

This Technical Service Bulletin is also being released as Rapid Service Update (RSU) 19-017 (M1 Vehicles Only). All applicable Sold and Un-Sold RSU VINs have been loaded. To verify this RSU service action is applicable to the Un-Sold vehicles, use VIP or perform a VIN search in DealerCONNECT/Service Library.

SUBJECT:

Flash: Electronic Shift Module (ESM) Updates

OVERVIEW:

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

MODELS:

2017 - **2021**	(MP)	Jeep Compass
2017 - **2022**	(M1)	Jeep Compass
2017 - **2021**	(M4)	Jeep Compass
2017 - **2021**	** (M6) **	Jeep Compass
2020	** (M7) **	Jeep Compass

NOTE: This bulletin applies to vehicles within the following markets/countries: North America, Enlarged Europe, India/Asia Pacific, Middle East/Africa and South America.

NOTE: This bulletin applies to vehicles equipped with All Automatic Transmissions (Sales Code DBA) and the following:

- ****M1 vehicles built on or before August 24, 2021 (MDH 0824XX).**
- **M4 vehicles built on or before August 01, 2021 (MDH 0801XX).**
- **M6 vehicles built on or before June 09, 2021 (MDH 0609XX).****

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:

- ****P081C - Park Input Circuit.****
- **P0814-00 - Transmission Range Display Circuit.**

The customer may describe one or more of the following:

- ****Instrument Panel Cluster (IPC) shows "Vehicle not in park" even when the lever is physically in Park.**
- The vehicle can not be turned off.
- Engine is off but some modules are awake.
- The battery was drained due to the vehicle not being able to turned off.**
- PRNDM light flickers or no illumination at all.
- While the engine is cranking, the customer can shift out of park, resulting in engine stall.

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:

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 ESM with the latest available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. Using wiTECH, restore vehicle configuration, perform proxi alignment and perform a BCM hard reset. Under the "Guided Diagnostic" tab.
3. Perform an ignition cycle and start engine.
4. 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.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-15-9B	Module, Electronic Shift (ESM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 2 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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