



NUMBER: 21-013-22

GROUP: 21 - Transmission and Transfer Case

DATE: May 7, 2022

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This bulletin supersedes Technical Service Bulletin (TSB) 21-034-21, date of issue November 11, 2021, which should be removed from your files. All revisions are highlighted with **asterisks**** and include additional markets, symptom/condition and LOP.**

SUBJECT:

Flash: Transmission Control Module (TCM) Updates

OVERVIEW:

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

MODELS:

2021 (BV) Jeep Renegade

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

NOTE: This bulletin applies to vehicles equipped with a 2.4I I4 Zero EVAP M-Air Engine (Sales Code ED8) and a 9-SPD 948TE Auto Trans (Sales Code DFH).

SYMPTOM/CONDITION:

Customers may experience one or more of the following concerns:

- ****Possible engine stall when shifted into neutral at a stop (APAC and EMEA only).****
- Harsh 1-2 or 3-4 upshifts.

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, 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 TCM 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 any DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allows them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-05-QZ	Module, Transmission Control (TCM) - Reprogram (0 - Introduction)	2 - Automatic Transmission	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:

CC	Customer Concern
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