

Technical Service Bulletin (TSB)

1.5L Transmission Diagnosis Service Solution

REFERENCE:	TSB: 21-042-26 REV. A GROUP: 21 - Transmission and Transfer Case	Date:	June 30, 2026	REVISION:	21-042-26
VEHICLES AFFECTED:	2021 - 2025 (BV) Jeep Renegade 2021 - 2025 (MV) Jeep Compass (Italy) This bulletin applies to vehicles equipped with a 1.5L I4 DOHC Turbo MHEV Engine (Sales Code EYP) and a 7-Spd 7HDT300 Hybrid Auto Trans (Sales Code DF8).			MARKET APPLICABILITY: ☐ NA☐ MEA ☐ SA☐ IAP ☒ EE☐ CH NOTE: This bulletin applies to the Enlarged Europe market.	
CUSTOMER SYMPTOM:	Customers may experience one or more of the following: - Transmission warning light on and/or vehicle jerking. - Vehicle is not shifting correctly or has no traction.				
CAUSE:	Various				

This bulletin supersedes Technical Service Bulletin (TSB) 21-042-26, date of issue May 28, 2026, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include an updated/new Claims Data table and Policy.

REPAIR SUMMARY:

This service bulletin is to provide a diagnostic guide for a transmission warning light on, vehicle jerking, not shifting correctly or no traction symptoms.

****CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
21-00-01-96	Multi Module Flash (0 - Introduction)	2 -AutomaticTransmission	0.7 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.**

GENERAL INFORMATION:

From experience on previous filed cases, **when a customer experiences an anomaly in the transmission behavior, it may not be directly related to the transmission**, but rather to other vehicle components whose correct functionality is necessary for the transmission to work properly. For this reason, **it is necessary to perform further checks outside of transmission system before replacing the complete transmission or one of its components.**

DIAGNOSTICS:

NOTE: Do not drain transmission oil, unless requested from repair manual.

1. Perform a complete vehicle scan report including:
 - a. ECU SW ver.
 - b. Environmental parameters.
 - c. Stored or Active Diagnostic Trouble Codes (DTCs).
 - d. DTC freeze frame.
2. Delete DTCs and perform a second scan report.
3. Prioritize troubleshooting for DTCs in the following modules if present:
 - a. HCP (e.g. P0A7D: Low Hybrid Battery Pack State Of Charge and/or P0AF8: Hybrid/EV Battery System Voltage).
 - b. BPCM (e.g. P0C78: Hybrid/EV Battery System Pre-Charge Time "A" Too Long).
 - c. APM (e.g. P2930: Hybrid/EV Battery System Pre-Charge Current "B" Too High).
 - d. PCM (e.g. U0402-00: Implausible Data Received From TCM).

If at least one DTC is Active or Stored in one of these modules, perform the repair according to Linkentry or dealer connect troubleshoot procedure without replacing the transmission or any transmission component.

NOTE: Always prioritize Active DTCs over Stored DTCs.

4. If after repair, DTCs in Transmission Control Module (TCM) are still present:
 - a. If DTC P284D is ACTIVE, run shift-drum learn procedure.
 - b. If DTCs P08F2/P08F3 are present, **do not apply this document**. Carry out in-depth fault finding.
 - c. If DTCs P2787 and P28C7 or P27F3 and P28D5 are present, **do not apply this document**. Carry out an in-depth fault finding.
 - d. If any other DTC is present on VSC, apply the specific repair action on Dealer Connect or Link-entry.

NOTE: It's not necessary to repeat a check if it has already been performed according to point 3.

NOTE: Always prioritize Active DTCs over Stored DTCs.

Please summarize chronologically all the activities performed on each DTC on the table below.

Item #	DTC: (for example, "P08F3-00")	Module: (for example "HCP", "TCM" etc.)	Action Performed: (for example: "followed diagnostic steps according repair manual")	Result: (for example: "DTC cleared but customer complaint still present")
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

For each repair step attach to the ticket the diagnostic steps followed according to repair manual or TSB.

POLICY:

****Reimbursable within the provisions of the warranty.****

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