

Technical Service Bulletin (TSB)
Clutch Actuator Cylinder Motor

REFERENCE:	TSB: 21-040-26 GROUP: 21 - Transmission and Transfer Case	Date:	May 12, 2026	REVISION:	—
VEHICLES AFFECTED:	2022 - 2025 (BV) Jeep Renegade 2022 - 2025 (MV) Jeep Compass (Italy) This bulletin applies to vehicles equipped with the 1.5L I4 DOHC Turbo MHEV Engine (Sales Code EYP) and 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 must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs): ● P2787-00 Clutch 1 Temperature Too High. ● P28C7-00 Clutch A Motor Phase U-V-W Performance. ● P27F3-00 Clutch 2 Temperature Too High. ● P28D5-00 Clutch B Motor Phase U-V-W Circuit Performance. Customers may experience the following: ● Transmission warning light on or odd gears unavailable or even gears unavailable or reverse gear unavailable.				
CAUSE:	Small particles inside the transmission can block one of the pumps in the actuator				

REPAIR SUMMARY:

In case of a reported and ascertained fault, check and replace the worn/damaged components, if necessary, according to the Operating Cycle below.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
21-00-01-9A	Hybrid Dual Clutch Transmission Even Gear Clutch Actuator - Replace (1 - Semi-Skilled)	2 - Automatic Transmission	3.0 Hrs.
21-00-01-9B	Hybrid Dual Clutch Transmission Odd Gear Clutch Actuator - Replace (1 - Semi-Skilled)	2 - Automatic Transmission	1.5 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	6000631759	Electronic clutch actuator cylinder	Refer to the repair methods related to any additional parts needed for this work.

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.

REPAIR PROCEDURE:

IMPORTANT! Follow the procedure shown by the diagnosis equipment. The diagnosis made is sent to the central servers only if it was made in Internet-connected mode, if the technician is authorized to use the wizards, and if the diagnosis was made starting from the "SEARCH PANELS" menu under "Diagnosis" or "Expert". After the global test is completed, wait for the Diagnosis item (initial screen with method selection by category) to start. Exit the Diagnosis session by returning to the home screen. Confirm the message "Exit the current session?"

1. Perform an error code reading:
2. In the presence of error code(s) P2787 and P28C7, the faulty component could be the odd speed clutch actuator cylinder. Follow the instructions P2787 on eLearn. Carry out the repair according to the checks made.
3. In the presence of error code(s) P27F3 and P28D5, the faulty component could be the even speed clutch actuator cylinder. Follow the instructions P27F3 on eLearn. Carry out the repair according to the checks made.
4. If the clutch cylinder activation procedure is unsuccessful, replace the concerned clutch actuator cylinder motor.

NOTE: For checks/inspections and technical interventions, refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>1230C03 - MHEV P2 Dual Clutch Transmission Even Gear Clutch Actuator - R.R. and 1230C04 - MHEV P2 Dual Clutch Transmission Odd Gear Clutch Actuator - R.R.

NOTE: ONLY IN CASE OF SAFETY-RELATED INCIDENT, send a DID S for advice to follow even if this document is not applicable. If the incident is not safety-related, IF THE CONDITION OCCURS AGAIN after applying this document, a DID (*) must be drawn up (see below).

(*) DID I if the authorized repairer (AR) successfully solved the problem without using technical support.

(*) DID A if the authorized repairer (AR) needs technical support to solve the problem.

POLICY:

Reimbursable within the provisions of the warranty.

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