**STAR ONLINE PUBLICATION**

## Case Number: S2621000003 REV. A

## Release Date: March 2026

## Models Affected:

2019 – 2026 RAM 1500 (DT)
2014 – 2024 RAM 1500 (DS)
2019 – 2026 RAM 2500 (DJ)
2019 – 2026 RAM 3500 (DD)
2019 – 2026 RAM 3500 (D2)
2018 – 2026 Jeep Wrangler (JL)
2020 – 2026 Jeep Gladiator (JT)
2022 – 2026 Jeep Wagoneer (WS)
2021 – 2026 Jeep Grand Cherokee (WL)
2014 – 2022 Jeep Grand Cherokee (WK)
2014 – 2026 Dodge Durango (WD)
2015 – 2023 Dodge Challenger (LA)
2012 – 2023 Dodge Charger (LD)
2012 – 2023 Chrysler 300 (LX)
2017 – 2026 Alfa Romeo Giulia (GA)
2018 – 2026 Alfa Romeo Stelvio (GU)

**Symptom/Vehicle Issue**: The vehicle will exhibit a service transmission/check engine warning indicator for the following transmission models: 845RE, 8HP45, 850RE, 8HP50, 8HP70, 8HP75, 8HP75-PHEV, 8HP75-LCV, 8HP90, 8HP95. Transmissions may exhibit the following diagnostic codes: P07E4, P1DB2, P0716, P1B14, P0733, P1D90, P1DB7, P1B13.

**Diagnosis:** 8-speed transmission fluid normally has a burnt odor characteristic in the fluid due to the oil additives formulation. Fluid smell is not a symptom to authorize a transmission replacement.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

**Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.**

Visual inspection of the fluid in the oil pan is a subjective process and normally does not indicate a symptom of a gearbox issue. Normal wear of a transmission from the customer duty cycle can create a fine metallic and should only be used in extremes as an indicator of an internal transmission damage/replacement. If the codes listed under Symptoms/Vehicle Issue have set either active and/or stored, please follow the repair procedure listed below.

**NOTE:** For P1B13 and P1B14 ensure the MPR cable is not slightly applied or stuck. For diagnostic code P0733, please follow TSB 21-009-25 Rev C (850RE), or 21-029-25 REV. A (8HP75) for the proper clutch D repair first. If any issues still exist after this repair, a valve body replacement should be considered as the next repair procedure.

## Special Tools/Equipment, or procedures Required:

The Transmission Diagnostic Worksheet should be fully completed. With cases of shift quality concerns, the Transmission Shift Quality worksheet should also be fully completed. Please attach clear and concise pictures showing damage, pan debris, and fluid when submitting a STAR ticket or request to PTSC.

**Repair Procedure:** Valve Body replacement is the 1st option before a transmission replacement is considered, unless serious and obvious gearbox damage exists prior to any repairs. If any of the concerns noted exist after VB replacement. Please be sure to record all codes that have been set in a fresh Scan Report. And perform any further diagnostics related both to further codes and shift quality concerns and note your results.

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