

Technical Service Bulletin (TSB) Electric Coolant Heater Malfunction

REFERENCE:	TSB: 08-228-25 GROUP: 08 - Electrical	Date:	July 31, 2025	REVISION:	—
VEHICLES AFFECTED:	2025 (KM) Jeep Wagoneer S This bulletin applies to vehicles built on or after January 22, 2025 (MDH 0122XX) and on or before January 28, 2025 (MDH 0128XX) equipped with a 400V G2500 FR/RR Elec Drive Motors (Sales Code ELD).			MARKET APPLICABILITY: <input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH NOTE: This bulletin applies to North America markets.	
CUSTOMER SYMPTOM:	Customer may comment on the following: <ul style="list-style-type: none"> Vehicle will not turn on. 				
CAUSE:	Incorrect electric coolant heater software				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-154, date of issue July 31, 2025. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.

REPAIR SUMMARY:

This bulletin involves replacing the electric coolant heater.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
07-13-01-94	Heater, Electric Coolant - Replace (3 - Skilled)	6 - Electrical and Body Systems	2.2 Hrs.
Failure Code	ZY	Service Action	

RELATED LOPS:

Labor Operation No:	Labor Description	Skill Category	Labor Time
24-01-11-01	Non A/C - Use whenever discharge of the A/C system is required to allow service of an A/C non-plumbing component (except powertrain) (1 - Semi-Skilled)	6 - Electrical and Body Systems	1.0 Hrs.
07-FF-04-52	Drain and Fill, Includes EVCU Coolant Fill Routine (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.5 Hrs
08-00-02-51	High Voltage Power Down, Power Up, and Isolation Test (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.6 Hrs

SPARE PARTS:

Qty	Part No.	Description	Notes
1	68590756AE	Heater	—

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 a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

1. Replace the electric coolant heater. Refer to the detailed service procedures listed in DealerCONNECT>Service Library>Service Info under: 12 - Electrified Powertrain System / Battery Cooling / Heaters / Removal and Installation.
2. Clear DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

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