

Technical Service Bulletin (TSB)

Coolant Temperature Sensor Malfunction

REFERENCE:	TSB: 08-115-26 REV. A GROUP: 08 - Electrical	Date:	March 25, 2026	REVISION:	08-115-26
VEHICLES AFFECTED:	**2025 - 2026** (H6) Jeep Meridian **2025 - 2026** (M6) Jeep Compass This bulletin applies to vehicles built on or after November 01, 2025 (MDH 1101XX) and on or before **March 20, 2026 (MDH 0320XX)** equipped with the 2.0L I4 Turbo Diesel Engine w/ ESS (Sales Code EBS).			MARKET APPLICABILITY: ☐ NA☐ MEA ☐ SA☒ IAP ☐ EE☐ CH NOTE: This bulletin applies to India & Asia Pacific markets.	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set the following Diagnostic Trouble Code (DTC): - P0115-00 - Engine Coolant Temperature Plausibility Check. Customers may also experience the following: - Engine overheating warning lamp indicator is illuminated on the Instrument Panel Cluster (IPC).				
CAUSE:	Engine Coolant Temperature (ECT) sensor is not properly soldered				

This bulletin supersedes Technical Service Bulletin (TSB) 08-115-26, date of issue March 18, 2026, which should be removed from your files. All revisions are highlighted with ****asterisks**** and includes a correction to the model years and an updated build date.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 26-049, date of issue March 18, 2026. 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 inspecting and possibly replacing the ECT sensor.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-14-20-9A	Sensor, Engine Coolant Temperature - Inspection (0 - Introduction)	6 - Electrical and Body Systems	0.9 Hrs.
08-14-20-9B	Sensor, Engine Coolant Temperature - Inspect and Replace (0 - Introduction)	6 - Electrical and Body Systems	0.9 Hrs.
Failure Code	ZY	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	MOPAR - 68122824AA EMEA - 55203964	Sensor, Temperature	
(AR)	MOPAR - 68163848GB EMEA - 59117409	Mopar Antifreeze/Coolant 10 Year 150,000 Mile Formula OAT	

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	-	-

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 customers 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.

REPAIR PROCEDURE:

1. Remove the battery tray. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Tray, Battery / Removal.

2. Remove the Diesel Particulate Filter (DPF) pressure sensor bolt [Fig. 1](#).

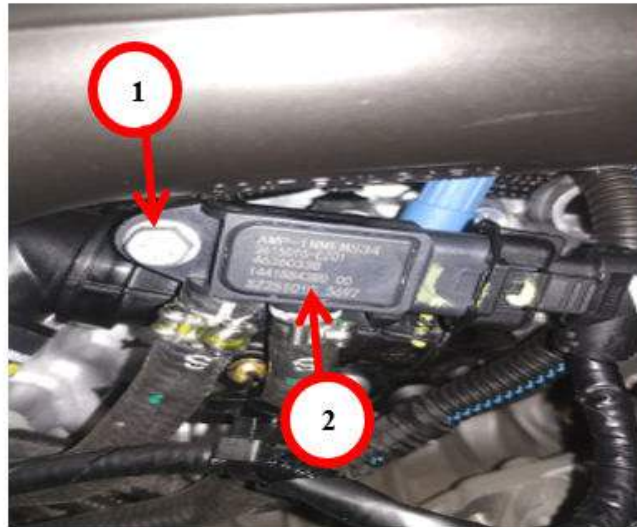


Fig. 1
DPF Sensor Removal

1 - DPF Sensor Bolt
2 - DPF Sensor

3. Position aside the DPF pressure sensor.
4. Disconnect the ECT sensor wire harness connector [Fig. 2](#).

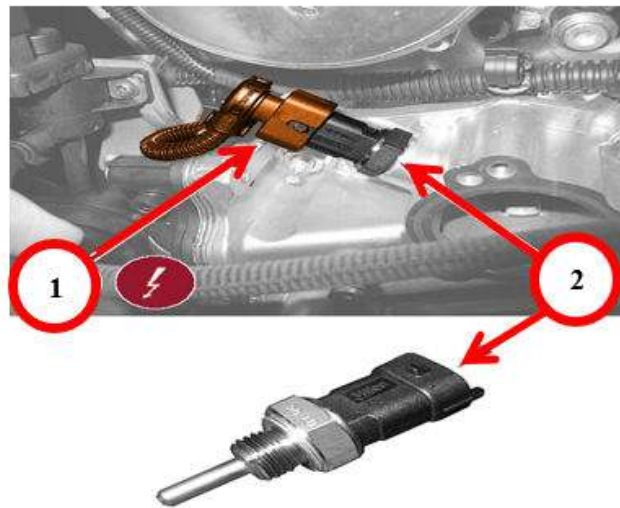


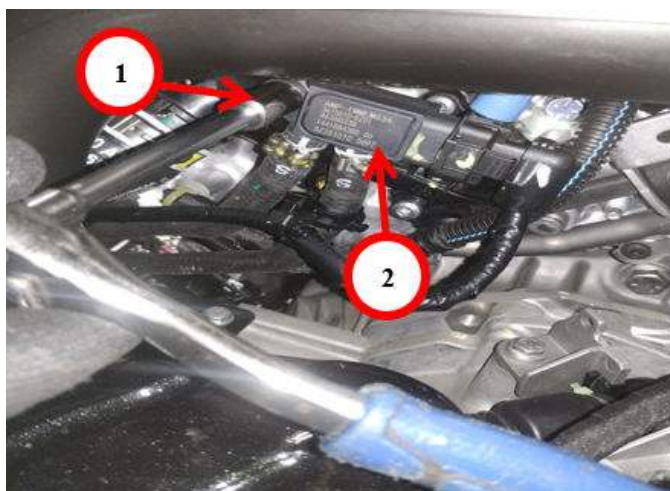
Fig. 2
ECT Sensor Removal

1 - ECT Sensor Wire Harness Connector
2 - ECT Sensor

5. Remove the ECT sensor [Fig. 2](#).
6. Inspect the ECT sensor batch code located on the brass nut [Fig. 3](#).

**Fig. 3****ECT Sensor Batch Code Location**

7. Does the batch code on the brass ETC sensor matching any of the following batch code numbers listed below?
 - 25W10
 - 25W36
 - 25W37
 - YES>>> Proceed to [Step 8](#).
 - NO>>> This bulletin has been completed. Use Inspection LOP (08-14-20-9A) to close the active RSU and proceed to [Step 9](#)
8. Obtain a **NEW** ECT sensor.
9. Install the ECT sensor and tighten the ECT sensor bolt to 22 N·m (16 ft. lbs.).
10. Install the DPF pressure sensor and tighten the sensor bolt to 9 N·m (80 in. lbs.) [Fig. 4](#).

**Fig. 4****Install DPF Pressure Sensor**

- 1 - Tighten DPF Pressure Sensor Bolt
2 - DPF Pressure Sensor

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11. Install the battery tray. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Tray, Battery / Installation.
 12. If necessary, top off the cooling system.
 13. Clear DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

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