

Technical Service Bulletin (TSB)
Powertrain Control Module (PCM)
Wiring Harness Contacting PCM Bracket

REFERENCE:	TSB: 08-086-25 GROUP: 08 - Electrical	Date:	March 22, 2025	REVISION:	—
VEHICLES AFFECTED:	2024 - 2025 (M6) Jeep Compass 2024 - 2025 (H6) Jeep Meridian This bulletin applies to vehicles built on or after April 01, 2024 (MDH 0401XX) and on or before February 05, 2025 (MDH 0205XX) equipped with the 2.0L I4 Turbo Diesel Engine w/ ESS (Sales Code EBS) and the 6-Speed C635 Manual Transmission (Sales Code DE1).			MARKET APPLICABILITY: ☐ NA☐ MEA ☐ SA☒ IAP ☐ EE☐ CH	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must set the following Diagnostic Trouble Code (DTC): - P0235 - Turbocharger Pressure Sensor Signal Circuit Short To Ground. - P0521 - Plausibility Monitoring Between Two Engine Oil Pressure Switch Inverted Mounting. - P0253 - Metering Unit Electrical Failure Circuit Short To Ground. Customer may also comment on the following: - Vehicle will not start.				
CAUSE:	PCM wiring harness damage due to harness rubbing on PCM bracket.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-046, date of issue March 22, 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 inspecting and possibly taping or replacing the PCM harness

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-90-65-90	PCM harness - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.1 Hrs.
08-90-65-91	PCM harness - Inspect And Tape (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.
08-90-65-92	PCM harness - Inspect And Replace (0 - Introduction)	6 - Electrical and Body Systems	A/T
Failure Code	ZY	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68639016AA	Engine wiring harness - M6 MT	—
1 (AR)	68607466AA	Engine wiring harness - H6 MT	—

DIAGNOSIS:

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. Measure the PCM harness wiring harness length.

NOTE: Measuring point: From PCM Connector to channel edge [Fig. 1](#), [Fig. 2](#).



Fig. 1
PCM Harness Measurement



Fig. 2
PCM Harness

2. Is the wiring harness damaged and/or is the harness length longer than 250 mm (9.8 in.)?
 - YES>>> Proceed to [Step 3](#).
 - NO>>>The harness is ok. Perform further diagnostics.
3. Is the wiring harness damaged?
 - YES>>> Proceed to [Step 4](#).
 - NO>>> Proceed to [Step 5](#).
4. Replace the PCM wire harness.
5. Tape up the harness [Fig. 3](#).

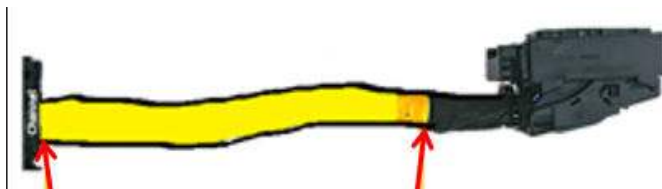


Fig. 3
Tape Area

6. Make sure to route the harness through the routing clamp and lock the clamp [Fig. 4](#).



Fig. 4
Harness Routing Clamp

7. Clear any DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

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