

## Technical Service Bulletin (TSB)

### Gasoline Particulate Sensor Lines Incorrect Routing

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                    |                                                                                                                                                                                                                                                                                                 |   |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| REFERENCE:         | TSB: 25-001-25<br>GROUP: 25 - Emissions Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Date: | September 26, 2025 | REVISION:                                                                                                                                                                                                                                                                                       | — |
| VEHICLES AFFECTED: | 2023 (WL) Jeep Grand Cherokee / Grand Cherokee L<br>This bulletin applies to vehicles built on or before July 21, 2024 (MDH 0721XX) equipped with 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).                                                                                                                                                                                                                                                                                                                                    |       |                    | MARKET APPLICABILITY:<br><div><input type="checkbox"/> NA<input type="checkbox"/> MEA</div> <div><input type="checkbox"/> SA<input type="checkbox"/> IAP</div> <div><input type="checkbox"/> EE<input checked="" type="checkbox"/> CH</div><br>NOTE: This bulletin applies to the China 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): <ul style="list-style-type: none"><li>P226D - Particulate Filter Deteriorated/Missing Substrate Bank 1.</li><li>P2453 - Particulate Filter Pressure Sensor "A" Circuit Range/Performance.</li></ul> Customers may experience the following: <ul style="list-style-type: none"><li>Check Engine warning lamp on in the Instrument Panel Cluster (IPC).</li></ul> |       |                    |                                                                                                                                                                                                                                                                                                 |   |
| CAUSE:             | Manufacturing issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                    |                                                                                                                                                                                                                                                                                                 |   |

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-200, date of issue September 26, 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 rerouting the gasoline particulate sensor lines.

#### CLAIMS DATA:

| Labor Operation No: | Labor Description                                              | Skill Category         | Labor Time |
|---------------------|----------------------------------------------------------------|------------------------|------------|
| 25-06-06-02         | Gasoline Particulate Sensor Lines - Inspect (0 - Introduction) | 25 - Emissions Control | 0.2 Hrs.   |
| 25-06-07-AA         | Gasoline Particulate Sensor Lines - Reroute (0 - Introduction) | 25 - Emissions Control | 1.0 Hrs.   |
| Failure Codes       | ZY                                                             | Service Action         |            |

**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.

**REPAIR PROCEDURE:**

1. Using wiTECH, select PCM and then the Data menu. Monitor the PFPS DELPRESS signal for changes when varying RPM.
2. Does the PCM -PFPS DELPRESS (PSI) signal vary with RPM?
  - YES>>> This bulletin does not apply. Use Inspect LOP (25-06-06-02) to close the active RSU.
  - NO>>> Proceed to [Step 3](#).
3. Return the gasoline particulate differential pressure sensor lines to the correct orientation. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 11 - Exhaust System / SENSOR, Differential Pressure / Removal and Installation.

**Fig. 1**

Correct Orientation



**Fig. 3**  
Incorrect Orientation

4. Re-test with wiTECH to verify.
5. Clear any DTCs that may have been set.

**POLICY:**

Reimbursable within the provisions of the warranty.

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