



NUMBER: 18-061-22

GROUP: 18 - Vehicle Performance

DATE: March 29, 2022

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This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-062, date of issue March 29, 2022. All applicable Sold and Un-Sold 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. This RSU will expire 18 months after the date of issue.

SUBJECT:

Incorrectly Assembled Purge Flow Tube Inside Tube Elbow

OVERVIEW:

This bulletin involves inspecting and if needed reposition the purge tube inside the tube elbow.

MODELS:

2021 - 2022 (WL) Jeep Grand Cherokee

NOTE: This bulletin applies to vehicles within the following market/country: North America

NOTE: This bulletin applies to vehicles built on or after November 11, 2021 (MDH 1111XX) and on or before January 01, 2022 (MDH 0101XX) equipped with the 5.7L V8 MDS VVT Engine (Sales Code EZH).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs).

- P0441 - EVAP Purge System Performance.
- P0452 - EVAP Pressure Switch "A" Stuck Closed.

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 the symptom/condition or DTC, perform the repair.

REPAIR PROCEDURE:

1. Inspect the purge tube at the elbow on the intake manifold. (Fig. 1)

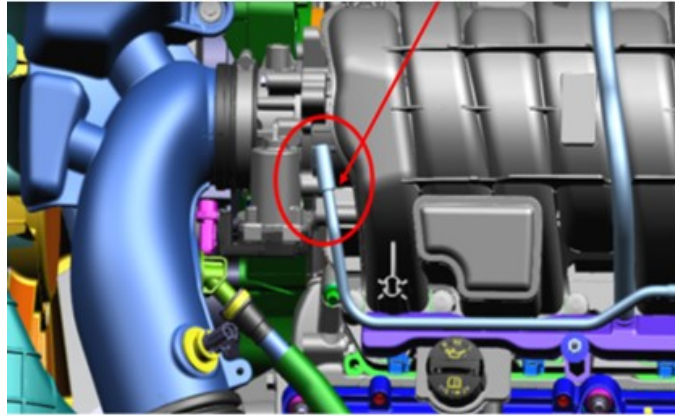


Fig. 1
Purge Hose at Intake Manifold

1. Is the purge tube pushed too far into the elbow (Fig. 2) (Fig. 3) ?



Fig. 2
Purge Tube Inserted Too Far

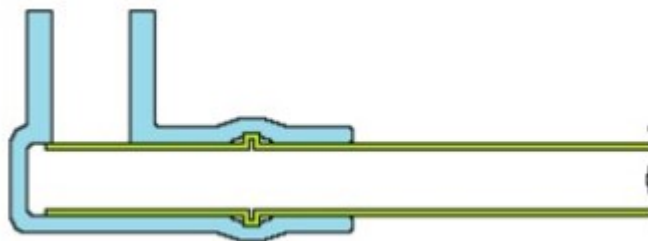


Fig. 3
Incorrectly Installed Purge Tube Into Elbow

- YES>>> Proceed to [Step 2](#) .
- NO>>> This Bulletin does not apply. Use Inspect LOP (25-01-17-9G) to close active RSU.

2. Pull the nylon tube from the rubber elbow until the bead is positioned at the edge of the elbow. Ensure that the elbow is seated properly at the intake manifold port. (Fig. 4) , (Fig. 5)

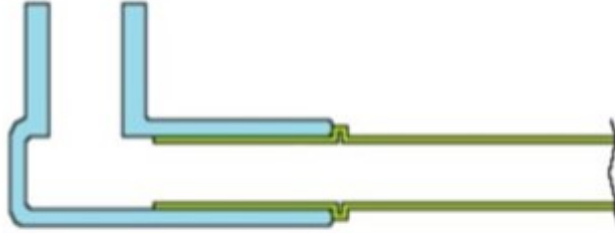


Fig. 4
Purge Tube Correct Crosssection

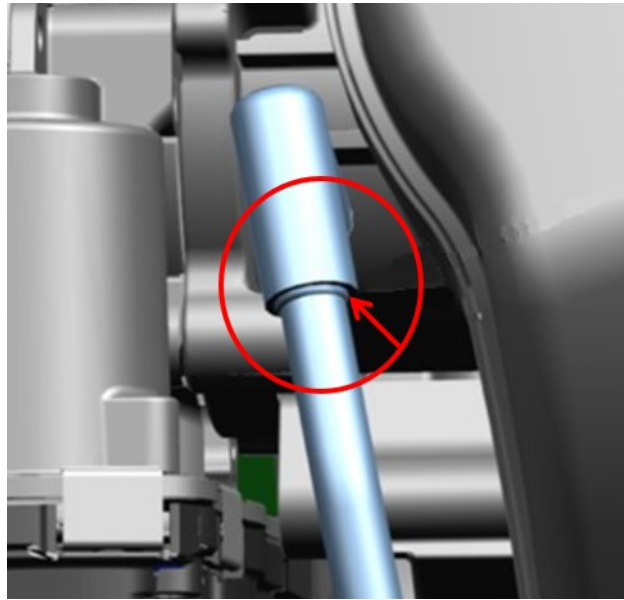


Fig. 5
Purge Stop Bead At Elbow

3. Clear any DTCs that may have been set due to the incorrectly assembled purge flow tube inside tube elbow.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
25-01-17-9G	Purge Tube in elbow - inspect (0 - Introduction)	1 - Engine Repair And Performance	0.2 Hrs.
25-01-17-9H	Purge Tube in elbow - inspect and reposition (0 - Introduction)	1 - Engine Repair And Performance	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action
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