



**NUMBER:** 07-005-22

**GROUP:** 07 - Cooling

**DATE:** December 1, 2022

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**This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-232, date of issue December 01, 2022. All applicable 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:**

6.4L Rubbed Through Coolant Hose

**OVERVIEW:**

This bulletin involves inspecting the oil cooler coolant hose and possibly replacing it.

**MODELS:**

2022 (WD) Dodge Durango

**NOTE:** This bulletin applies to vehicles within the following markets/countries: North America.

**NOTE:** This bulletin applies to vehicles built on or after June 29, 2022 (MDH 0629XX) and on or before September 09, 2022 (MDH 0909XX) equipped with a 6.4L V8 SRT Hemi Engine (Sales Code ESG).

**SYMPTOM/CONDITION:**

Customers may experience the following:

- An engine coolant leak under the hood.

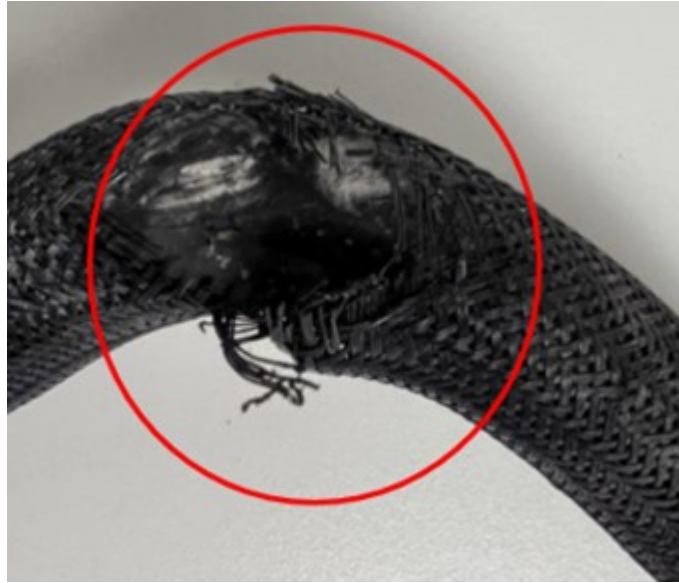
**NOTE:** This coolant leak is caused from the oil cooler coolant hose contacting the engine serpentine belt resulting in a rub through condition on the oil cooler hose.

**DIAGNOSIS:**

If a customer's VIN is listed in VIP or your RSU VIN list, perform the Inspection Procedure. **This RSU only applies to vehicles on the RSU VIN list.**

1. Open hood.
2. Inspect the oil cooler coolant hose located on the water pump for any rub through conditions (Fig. 1) .

3. Were any rub through conditions found on the oil cooler coolant hose (Fig. 1) ?
- YES>>> Replace the oil cooler coolant hose. Proceed to [Step 1](#) of the Repair Procedure.
  - NO>>> Further diagnosis should be performed. Use the Inspection LOP (09-55-34-90) to close the active RSU.



**Fig. 1**  
**Rub Through Condition Coolant Hose**

**PARTS REQUIRED:**

Qty.	Part No.	Description
1 (AR)	05181619AH	Hose, Engine Coolant To Oil Cooler
(AR)	68163848AB	Mopar Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology)

**REPAIR PROCEDURE:**

1. Drain the engine coolant into a clean container. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>07 - Cooling / Standard Procedure.
2. Remove the oil cooler coolant hose from the oil cooler.
3. Attach the **new** oil cooler coolant hose to the oil cooler.
4. Lower the vehicle.
5. Remove the oil cooler coolant hose on the water pump.
6. Disconnect the oil cooler coolant hose clips from the transmission oil cooler line. Discard the hose.

**CAUTION!** When installing the new oil cooler coolant hose, ensure the white alignment mark located on the hose (Fig. 2) is in the twelve o'clock position. Failure to do so may result in a rub through condition on the oil cooler coolant hose from the engine serpentine belt.

7. Install the **new** oil cooler coolant hose to the water pump. Ensure proper twelve o'clock hose alignment (Fig. 2) and routing (Fig. 3) .

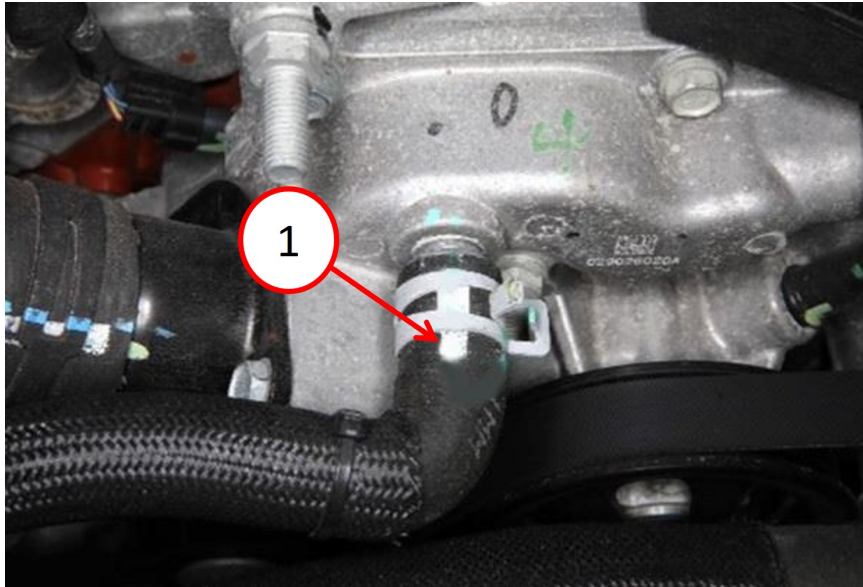


Fig. 2

White Alignment Mark at Twelve O'Clock Position

1 - White Alignment Mark On Coolant Hose

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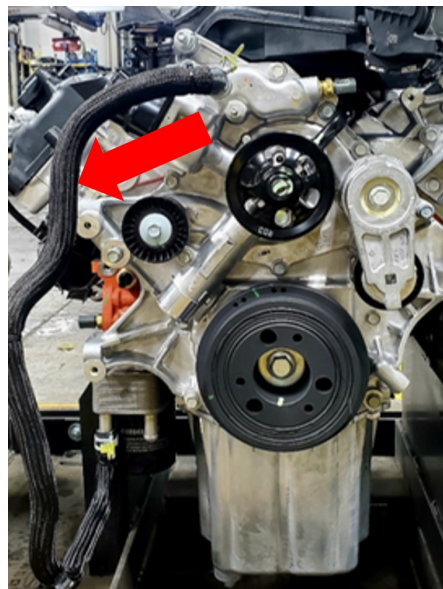


Fig. 3

Correct Coolant Hose Routing

8. Ensure oil cooler coolant hose clip is attached to the transmission oil cooler line (Fig. 4) .

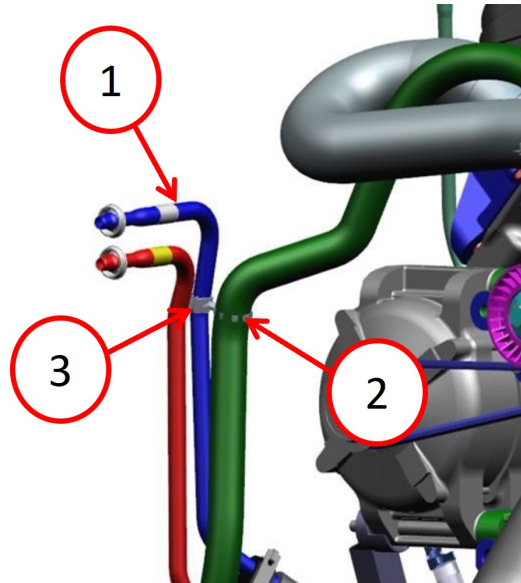


Fig. 4  
Oil Cooler Coolant Hose Clip

- 1 - Transmission Oil Cooler Line  
2 - Oil Cooler Coolant Hose  
3 - Hose Clip

9. Refill and engine coolant and top off if needed. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>07 - Cooling / Standard Procedure.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
09-55-34-90	Hose, Engine Oil Cooler - Inspect (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.2 Hrs.
09-55-34-91	Hose, Engine Oil Cooler - Inspect and Replace (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.7 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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