

REFERENCE:	TSB: 07-001-23 GROUP 07 - Cooling	Date:	February 15, 2023	REVISION:	-
VEHICLES AFFECTED:	2022 - 2023 (M1) Jeep Compass 2022 - 2023 (H1) Jeep Commander This bulletin applies to vehicles built on or after May 5, 2022 (MDH0503XX) and on and before November 7, 2022 (MDH1107XX) equipped with the 2.0L I4 Turbo Diesel Engine (Sales Code EBT).	MARKET APPLICABILITY:			
CUSTOMER SYMPTOM:	Possible overheat light on instrument cluster. Coolant leak from hose that contacts exhaust heat shield.				
CAUSE:	Coolant hose not secured in its retainer.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-041, date of issue February 15, 2023. All applicable Sold and UnSold 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.

REPAIR SUMMARY:

This bulletin involves repositioning or possibly replacing an engine coolant hose that may contact the exhaust manifold heat shield.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
07-30-32-A1	Hose - Inspect (0 – Introduction)	07 - Cooling	0.1 Hrs.
07-30-32-A2	Hose - Inspect and Reposition (0 – Introduction)	07 - Cooling	0.2 Hrs.
07-30-32-A3	Hose - Inspect and Replace (0 – Introduction)	07 - Cooling	1.0 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	7094826	Engine coolant reservoir-to - radiator tee hose	South America
1 (AR)	K68417933AA	Engine Coolant	Hose Replacement Only

INSPECTION PROCEDURE:

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 Inspection Procedure. **This RSU only applies to vehicles on the RSU VIN list.**

1. Open the hood and remove the radiator close out panel (Fig. 1) .



Fig. 1
Radiator Close Out Panel

2. Inspect the hose condition and position. Hose retainer is on fan shroud. White tape is applied on the area that locks into the retainer. (Fig. 2) , (Fig. 3) .

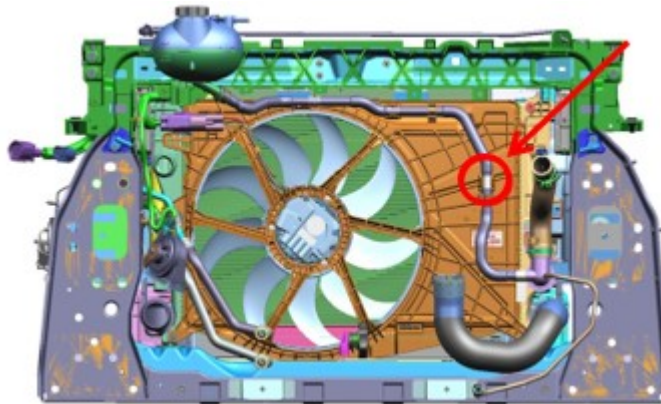


Fig. 2
Hose And Retainer Location

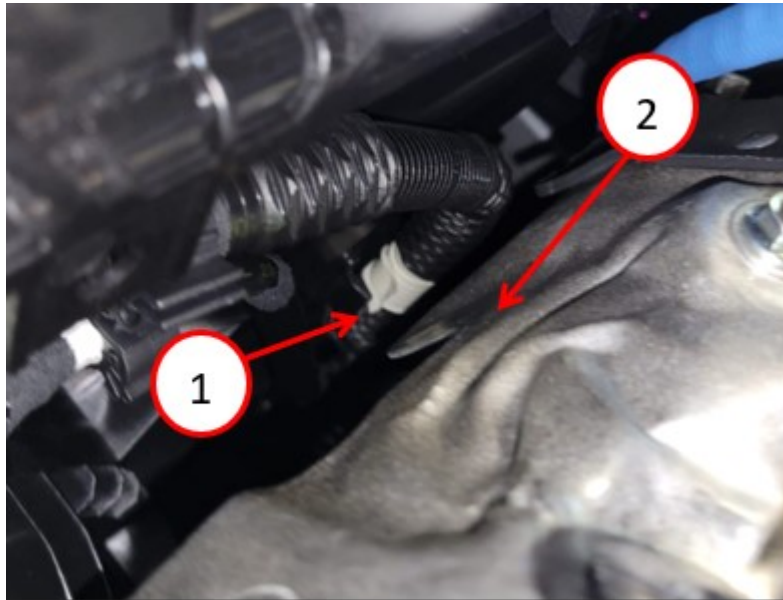


Fig. 3
Hose And Heat Shield Contact Area

- 1 - Hose
 - 2 - Heat Shield
-

3. Inspect the hose for damage from the exhaust heat shield.
4. Is the hose damaged from contact with the exhaust heat shield?
 - YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> Proceed to [Step 5](#) of the Inspection Procedure.
5. Inspect the hose that it is secure in the retainer.
6. Is the hose securely retained ([Fig. 4](#)) ?



Fig. 4
Hose Properly Retained

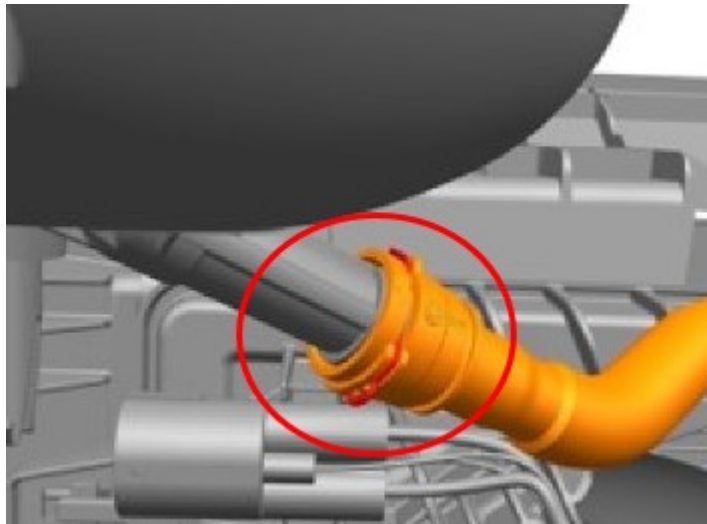
- YES>>>This bulletin has been completed, use inspect LOP (07-30-02-A1) to close the active RSU.
- NO>>>Secure hose in retainer ([Fig. 4](#)) . Use inspect and Reposition LOP (07-30-02-A2) to close the active RSU.

REPAIR PROCEDURE:

1. Replace hose:
 - a. Remove engine belly pan. Refer to the detailed service procedures listed in DealerCONNECT>Service Library under: 13 - Frame and Bumpers / Under Body Protection / Belly Pan / Removal
 - b. Drain cooling system. Refer to the detailed service procedures listed in DealerCONNECT>Service Library under: 07 - Cooling / Standard Procedure.
 - c. Disconnect lower radiator hose quick disconnect at radiator. (Fig. 5) .

**Fig. 5****Quick Disconnect At Radiator**

- d. Disconnect quick disconnect at lower coolant reservoir. (Fig. 6) .

**Fig. 6****Quick Disconnect At Coolant Reservoir**

- e. Remove hose from hose retainers. (Fig. 7)



Fig. 7
Hose At Retainers

- f. Disconnect lower radiator hose clamp at cylinder head. (Fig. 8) .

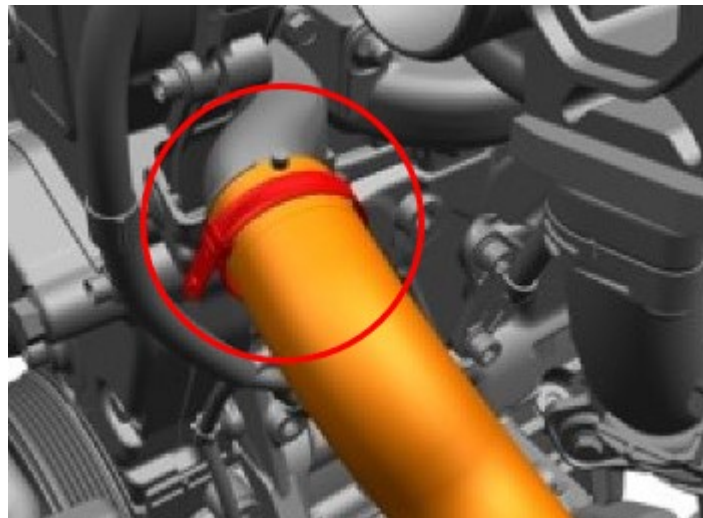


Fig. 8
Radiator Hose At Cylinder Head

- g. Remove hose assembly.
2. Install new hose assembly.
- a. Install hose into hose retainers.
 - b. Connect lower radiator hose clamp at engine.
 - c. Connect lower radiator hose quick disconnect at radiator.
 - d. Connect quick disconnect at lower coolant reservoir.
 - e. Refill cooling system. Refer to the detailed service procedures listed in DealerCONNECT>Service Library under: 07 - Cooling / Standard Procedure.
 - f. Install engine belly pan. Refer to the detailed service procedures listed in DealerCONNECT>Service Library under: 13 - Frame and Bumpers / Under Body Protection / Belly Pan / Installation

POLICY:

Reimbursable within the provisions of the warranty.

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