

Technical Service Bulletin (TSB)
Engine Coolant Leak From Thermostatic Valve Gasket

REFERENCE:	TSB: 07-002-25 REV. A GROUP: 07 - Cooling	Date:	May 2, 2025	REVISION:	07-002-25
VEHICLES AFFECTED:	<p>2024 - 2026 (B1) Jeep Renegade 2025 - 2026 (H1) Jeep Commander 2025 - 2026 (M1) Jeep Compass This bulletin applies to B1 vehicles built on and after July 10, 2024 (MDH 0710XX) and on or before January 30, 2025 (MDH 0130XX) equipped one of the following:</p> <ul style="list-style-type: none"> • 1.3L I4 Turbo MAir DI Engine w/ESS (Sales Code EYF). • **1.3L I4 Turbo Mair DI Eng w/ESS E100 (Sales Code EYJ).** <p>This bulletin applies to H1 vehicles built on and after July 09, 2024 (MDH 0709XX) and on or before January 14, 2025 (MDH 0114XX) equipped with one of the following:</p> <ul style="list-style-type: none"> • 1.3L I4 Turbo MAir DI Engine w/ESS (Sales Code EYF). • 1.3L I4 Turbo Mair DI Eng w/ESS E100 (Sales Code EYJ). <p>This bulletin applies to M1 vehicles built on and after July 09, 2024 (MDH 0709XX) and on or before January 07, 2025 (MDH 0107XX) equipped with one of the following:</p> <ul style="list-style-type: none"> • 1.3L I4 Turbo MAir DI Engine w/ESS (Sales Code EYF). • 1.3L I4 Turbo Mair DI Eng w/ESS E100 (Sales Code EYJ). 			<p>MARKET APPLICABILITY:</p> <p><input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> EE <input type="checkbox"/> IAP <input checked="" type="checkbox"/> SA <input type="checkbox"/> CH</p> <p>Not for US and Canada</p>	
CUSTOMER SYMPTOM:	<p>Customers may experience the following:</p> <ul style="list-style-type: none"> • Coolant is leaking at the thermostatic valve. 				
CAUSE:	Leaking thermostatic valve gasket				

This bulletin supersedes Technical Service Bulletin (TSB) 07-002-25, date of issue April 15, 2025, which should be removed from your files. All revisions are highlighted with ****asterisks**** and includes an updated sales code.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-063, date of issue April 15, 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, if necessary, replacing the thermostatic valve gasket.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
07-40-10-91	Engine Thermostatic Valve Gasket - Inspect (0 - Introduction)	7 - Cooling	0.2 Hrs.
07-40-10-92	Engine Thermostatic Valve Gasket - Inspect and Replace (0 - Introduction)	7 - Cooling	1.3 Hrs.
Failure Code	ZY	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68217783AA - NA 10860470 - SA	Radiator Hose Clamp	22-30 Hot Air Tube
1 (AR)	68092543AA - NA 10861170 - SA	Hose Clamp	30-40 From Water Return Pipe
1 (AR)	68741584AA - NA 7098217 - SA	Thermostatic Valve Gasket	-
(AR)	68163849AB	Antifreeze, Coolant, Gallon	-

DIAGNOSIS:

If a customer's VIN is listed in VIP or your RSU VIN list, and a coolant leak from the thermostatic valve is verified, 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 Diagnosis procedure.

1. If equipped, remove the under engine protection cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 7055B54 - Under Engine Protection - Removal/Replacement.
2. Start the vehicle and raise the coolant temperature to 90 °C (194 °F).

3. Inspect the thermostatic valve and it surrounding area for evidence of leaking coolant [Fig. 1](#).

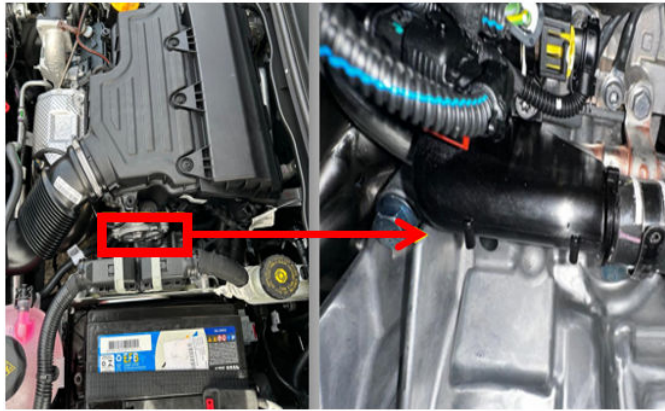


Fig. 1
Inspection Area

4. Was there a coolant leak found [Fig. 2](#)?



Fig. 2
Coolant Leak

- YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> Use Inspection LOP (07-40-10-91) to close the active RSU and proceed to [Step 5](#).
5. If equipped, install the under engine protection cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 7055B54 - Under Engine Protection - Removal/Installation.

REPAIR PROCEDURE:

NOTE: Respect the safety and cleaning instructions: for all interventions.

1. Remove the thermostatic valve and replace the thermostatic valve gasket [Fig. 3](#). Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 1088C40 - Thermostatic Valve - Removal/Replacement - Including necessary procedures.

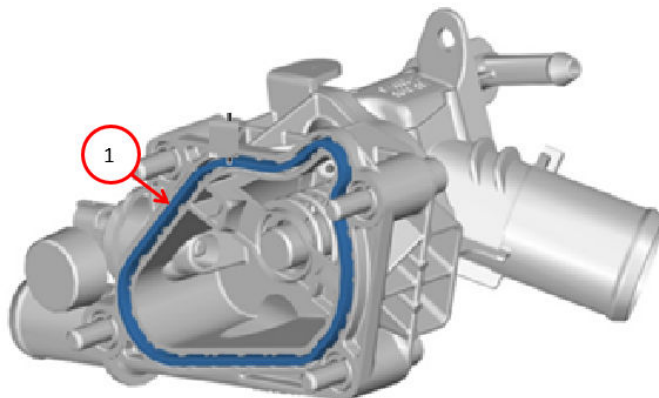


Fig. 3
Thermostatic Valve With Gasket

1 - Thermostatic Valve Gasket

POLICY:

Reimbursable within the provisions of the warranty.

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