

REFERENCE:	TSB: 07-001-24 GROUP: 07 - Cooling	Date:	January 19, 2024	REVISION:	-
VEHICLES AFFECTED:	2022 (JL) Jeep Wrangler This bulletin applies to the following vehicles built on or after June 01, 2021 (MDH 0601XX) on or before June 09, 2022 (MDH 0609X) equipped with a 2.0L I4 DOHC DI Turbo Engine W/ ESS (Sales Code EC1) or a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input checked="" type="checkbox"/> EE <input checked="" type="checkbox"/> CH			
CUSTOMER SYMPTOM:	Customers may experience the following: <ul style="list-style-type: none"> Coolant leak from the thermostat housing. 				
CAUSE:	Improperly tightened fasteners.				

REPAIR SUMMARY:

This bulletin involves tightening the thermostat housing manifold fasteners and replacing the thermostat gasket.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
07-40-09-90	Gasket - Thermostat, Replace (1 - Semi-Skilled)	1 - Engine Repair and Performance	1.1 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	05048427AA	Thermostat Gasket	
(AR)	68163848AB	Coolant	

DIAGNOSIS:

If the customer describes the symptom listed above in the customer symptom section, perform the Repair Procedure.

REPAIR PROCEDURE:

- Remove the top engine cover. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: Service Info > 09 - Engine / Cover, Engine / Removal.
- Is a leak detected at the coolant manifold to cylinder head interface?
 - YES>>> Proceed to [Step 3](#).
 - NO>>> Proceed to [Step 7](#).
- Remove the thermostat. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: Service Info > 09 - Engine / Cooling System / Engine Cooling / Thermostat / Removal.

4. Tighten the thermostat manifold fasteners to 11 N·m. (97 in. lbs.) [Fig. 1](#).

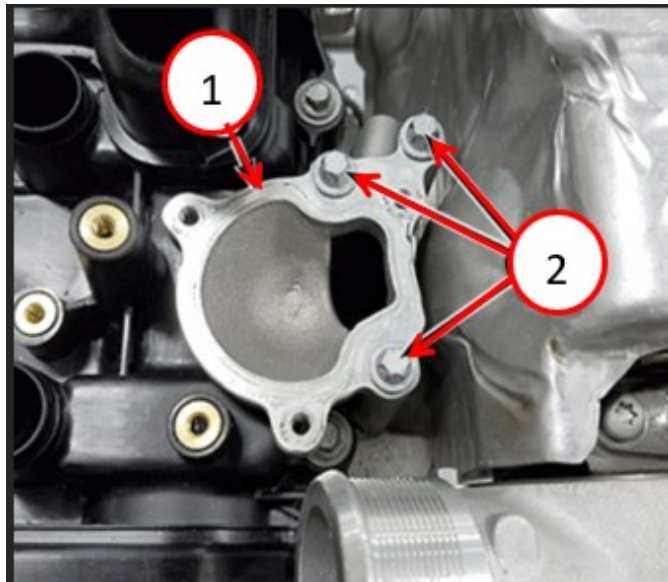


Fig. 1
Thermostat Manifold With Fasteners

1 - Thermostat Manifold
2 - Thermostat Manifold Fasteners

5. Install a **NEW** thermostat housing gasket.
6. Install the thermostat. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: Service Info > 09 - Engine / Cooling System / Engine Cooling / Thermostat / Installation.
7. Install the top engine cover. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: Service Info > 09 - Engine / Cover, Engine / Installation.
8. Road test the vehicle to confirm the coolant leak is corrected.

POLICY:

Reimbursable within the provisions of the warranty.

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