

**Technical Service Bulletin (TSB)**  
**Rear Main Crankshaft Oil Seal Leak**

<b>REFERENCE:</b>	<b>TSB:</b> 09-019-24 <b>GROUP:</b> 09 - Engine	<b>Date:</b>	September 5, 2024	<b>REVISION:</b>	—
<b>VEHICLES AFFECTED:</b>	<b>2024 - 2025 (B1) Jeep Renegade</b> <b>2025 (H1) Jeep Commander</b> <b>2024 - 2025 (M1) Jeep Compass</b> This bulletin applies to vehicles built on and after April 04, 2024 (MDH 0404XX) and on and before July 31, 2024 (MDH 0731XX) equipped with a 1.3L I4 Turbo Mair DI Engine (Sales Codes EYF, EYH and EYJ).			<b>MARKET APPLICABILITY:</b>	
<b>CUSTOMER SYMPTOM:</b>	Customers may comment on the following: <ul style="list-style-type: none"> <li>• Engine oil leak.</li> </ul>				
<b>CAUSE:</b>	Rear main crankshaft oil seal				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 24-125, date of issue September 05, 2024. 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 for oil leaks and if necessary replacing the rear main crankshaft oil seal.

**CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-25-75-93	Seal, Engine Oil Crankshaft - Inspect (1 - Introduction)	1 - Engine Repair and Performance	0.3 Hrs.
09-25-75-94	Seal, Engine Oil Crankshaft - Inspect and Replace (1 - Introduction)	1 - Engine Repair and Performance	5.6 Hrs.
Failure Code	ZZ	Service Action	

**SPARE PARTS:**

Qty	Part No.	Description	Notes
1 (AR)	TBD - Mopar 7096888 - South America	Crankshaft, Oil Seal	(rear main)
(AR)	68608372AA - Mopar 7092779 - South America 50035647 - Argentina	Oil 0W-30	100 ml
80 ml for B1/M1 85 ml for H1	68626281AA - Mopar 7092803 - South America 50040500 - Argentina	Antifreeze, Coolant	100 ml

**DIAGNOSIS:**

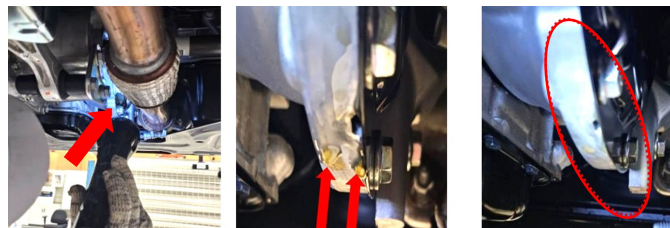
If a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

**SPECIAL TOOLS/EQUIPMENT:**

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

**REPAIR PROCEDURE:**

1. Start the engine and using wiTECH ensure the engine temperature reaches 100 °C (212 °F) or higher.
2. Raise and support the vehicle. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info> 04 - Vehicle Quick Reference/Hoisting/Standard Procedure.
3. Using a suitable light source, check if there is an oil leak between the transmission and the engine rear main crankshaft seal [Fig. 1](#).



**Fig. 1**  
Area For Oil Leaks

4. Was an oil leak [Fig. 1](#) observed?
  - YES >>> Proceed to [Step 5](#).
  - NO >>> Lower the vehicle. This bulletin has been completed, use Inspect LOP (09-25-75-93) to close the active RSU.
5. Replace the crankshaft oil seal. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: 1020D39 - Retentor Traseiro - Lado Volante - Remoção/Recolocação e Substituição, para Veículos com Câmbio Automático. Incluso Procedimentos Necessários.

**NOTE: Check and top off the engine oil and refill all the coolant.**

**POLICY:**

Reimbursable within the provisions of the warranty.

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