STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

Various Models - Engine Valley Cap (Flywheel Side) - Oil Leakage - Service Solution

REFERENCE:	**TSB:** 09-021-24 **GROUP:** 09 - Engine	**Date:**	November 23, 2024	**REVISION:**	—
VEHICLES AFFECTED:	**2020 - 2024 (BV) Jeep Renegade** **2020 - 2024 (MV) Jeep Compass** **This bulletin applies to 2020 - 2023 BV and MV vehicles built on or before November 03, 2023 (MDH 1103XX) equipped with one of the following engines:** • 1.3L I4 Turbo MAir DI Engine w/ESS (Sales Code EYF). • 1.3L I4 Turbo MAir DI Engine (Sales Code EYH). • 1.0L I3 Turbo Engine w/ESS (Sales Code EKA). **This bulletin also applies to 2020 - 2024 BV and MV vehicles built on or before December 15, 2024 (MDH 1215XX) that are equipped with the 1.5L I4 DOHC Turbo MHEV Engine (Sales Code EYP).**			**MARKET APPLICABILITY:** ☐ NA ☐ MEA ☐ SA ☐ IAP ☒ EE ☐ CH	
CUSTOMER SYMPTOM:	**Customers may experience the following:** • Oil leaks from the engine compartment, engine/transmission coupling.				
CAUSE:	**Oil leakage from engine valley cap**				

REPAIR SUMMARY:

When the claimed fault is confirmed, replace the engine valley cap, according to the Repair Procedure.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-25-45-9C	Jeep Compass (MV) - 1.3 GSE T4 DDCT Engine Valley Cap (Flywheel Side) - Replace (2 - Skilled)	1 - Engine Repair and Performance	6.6 Hrs.
09-25-45-9D	Jeep Compass (MV) - 1.5 GSE T4 MHEV Engine Valley Cap (Flywheel Side) - Replace (2 - Skilled)	1 - Engine Repair and Performance	9.1 Hrs.
09-25-45-9A	Jeep Renegade (BV) - 1.3 GSE T4 DDCT Engine Valley Cap (Flywheel Side) - Replace (2 - Skilled)	1 - Engine Repair and Performance	6.1 Hrs.
09-25-45-9B	Jeep Renegade (BV) - 1.5 GSE T4 MHEV	1 - Engine Repair and Performance	8.6 Hrs.

Labor Operation No:	Labor Description	Skill Category	Labor Time
	Engine Valley Cap (Flywheel Side) - Replace (2 - Skilled)		
09-25-45-99	Jeep Renegade (BV) - 1.3 GSE T4 Engine Valley Cap (Flywheel Side) - Replace (2 - Skilled)	1 - Engine Repair and Performance	6.1 Hrs.
09-25-45-98	Jeep Renegade (BV) - 1.0 GSE T3 Engine Valley Cap (Flywheel Side) - Replace (2 - Skilled)	1 - Engine Repair and Performance	6.7 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1	68627793AA - NA 46355406 - EMEA	Plug, Tapered	
8	68440309AA - NA 55283288 - EMEA	Bolt, Round Head	Flywheel Bolt
8	68439889AA - NA 55282219 - EMEA	Screw, Special Head, Flywheel Bolts	
(AR)	66138720	Engine Oil, 0W30, Quart	PHEV
(AR)	66138220	Engine Oil, 0W20, Quart	
(AR)	NPN	Oil Dye	

DIAGNOSIS:

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

INSPECTION:

Establish the origin of the oil leak:

- Make sure the leak does not come from the engine head, oil pan or crankshaft oil seal.
- Carry out this TSB only if leaks outside the engine can be excluded.
- If there are leaks outside the engine, do not apply this bulletin.

NOTE: To proceed with further repairs, it is important to identify the source of the leak as accurately as possible. Document the intervention with photographs.

REPAIR PROCEDURE:

1. Prior to any disassembly, add dye relevant liquid and run the engine 30 minutes to identify the source of the leak after the flywheel removal.
2. Remove the engine flywheel lower guard. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 1024B52 Engine Flywheel Lower Guard - R.R.
3. Visually inspect for oil in the cap area and lower engine area, on the oil pan and nearby components. If needed, remove the flywheel to analyze the cap area and the rear crankshaft oil seal in detail.
4. Remove the engine flywheel.
   - For automatic transmission equipped vehicles: Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 1024B20 Engine Flywheel - R.R.
   - For dual clutch gearbox equipped vehicles: Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 1024B15 Engine Flywheel - R.R.
5. Inspect the engine valley cap for evidence of an oil leak Fig. 1.

Fig. 1
Oil Valley Cap Leaking

6. Is there oil leaking from the engine valley cap in the oil line?
   - YES>>> Proceed to Step 7
   - NO>>> This bulletin does not apply. Proceed to Step 11.
7. Remove and **DISCARD** the engine valley cap.
8. Thoroughly clean the engine valley thread.
9. Install a **NEW** engine valley cap and tighten to 27 N·m (20 ft. lbs.).
10. Clean any residual oil from the affected area.
11. Install the engine flywheel.
    - **For automatic transmission equipped vehicles:** Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 1024B20 Engine Flywheel - R.R.
    - **For dual clutch gearbox equipped vehicles:** Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 1024B15 Engine Flywheel - R.R.
12. Install the engine flywheel lower guard. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 1024B52 Engine Flywheel Lower Guard - R.R.

NOTE: ONLY IN CASE OF SAFETY-RELATED INCIDENT, send a DID S for advice to follow even if this document is not applicable. If the incident is notsafety-related, IF THE CONDITION OCCURS AGAIN after applying this document, a DID (*) must be drawn up (see below).

(*) DID I if the authorized repairer (AR) successfully solved the problem without using technical support.

(*) DID A if the authorized repairer (AR) needs technical support to solve the problem.

POLICY:

Reimbursable within the provisions of the warranty.