

Technical Service Bulletin (TSB)
Oil Leak from Turbo Oil Return Tube

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|---------------------------|---|--|--------------|---|---|
| REFERENCE: | TSB: 09-012-23 GROUP 09 - Engine | Date: | July 6, 2023 | REVISION: | - |
| VEHICLES AFFECTED: | 2022 - 2023 (WL) Grand Cherokee This bulletin applies to vehicles built on and before May 25, 2023 (MDH 0525XX) equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX). | MARKET APPLICABILITY: | | | |
| | | <input checked="" type="checkbox"/> NA | | <input checked="" type="checkbox"/> MEA | |
| | | <input checked="" type="checkbox"/> SA | | <input checked="" 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"> Oil leak from turbo oil return tube. | | | | |
| CAUSE: | Internally damaged oil return tube. | | | | |

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-201, date of issue July 6, 2023. 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. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves inspecting and if needed replacing the turbo oil return tube.

CLAIMS DATA:

| Labor Operation No: | Labor Description | Skill Category | Labor Time |
|---------------------|--|-----------------------------------|------------|
| 09-55-35-93 | Turbo Oil Return Tube - Inspect (2 - Skilled) | 1 - Engine Repair and Performance | 0.7 Hrs. |
| 09-55-35-94 | Turbo Oil Return Tube - Inspect and Replace (2 - Skilled) | 1 - Engine Repair and Performance | 4.1 Hrs. |
| Failure Code | ZZ | Service Action | |

SPARE PARTS:

| Qty | Part No. | Description | Notes |
|--------|------------|-----------------------------|---|
| 1 (AR) | 05048756AA | Turbo oil drain tube | Screws, seal, o-ring. |
| 1 (AR) | 04893767AB | EGR Tube GASKET | |
| 1 (AR) | 68584746AA | GASKET, Catalytic Converter | |
| 1 (AR) | 68100681AA | A/C Discharge Line Seal | |
| 1 (AR) | 68100682AA | AC Suction Line Seal | |
| (AR) | 05166241PA | Oil | 5W-30 Full Synthetic Engine Oil - Quart |

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 symptom listed above in the customer symptom section, perform the Inspection Procedure.

INSPECT:

1. Raise and support the vehicle. Refer to the detailed service procedures available in DealerCONNECT>Service Library under: 04 - Vehicle Quick Reference / Hoisting / Standard Procedure.
2. Remove the front belly pan. Refer to the detailed service procedures listed in DealerCONNECT>Service Library under: 13 - Frame and Bumpers / Under Body Protection / Belly pan / Removal.
3. Visually inspect the turbo oil return tube and nearby areas, especially on the oil cooler, for the presence of engine oil.
4. Is there an oil leak from the turbo return tube?
 - YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> Reinstall the front belly pan. Refer to the detailed service procedures listed in DealerCONNECT>Service Library under: 13 - Frame and Bumpers / Under Body Protection / Belly pan / Installation. This bulletin does not apply. Use Inspect LOP (09-55-35-93) to close this active RSU. Normal diagnosis should be performed.

REPAIR PROCEDURE:

1. Replace the turbocharger oil return tube. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: 09 - Engine, 2.0L / Turbocharger System / lines, tubes and hoses, Turbocharger, Oil and Coolant / Removal and Installation.
2. Check engine oil level and add as needed.
3. Reinstall the front 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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