



NUMBER: 09-007-21

GROUP: 09 - Engine

DATE: May 29, 2021

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This Technical Service Bulletin has also been released as a Rapid Response Transmittal (RRT) 21-069, date of issue May 29, 2021. All applicable Sold and Un-Sold RRT VINs have been loaded. To verify this RRT 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 RRT will expire 18 months after the date of issue.

SUBJECT:

6.2L Engine Oil Temperature Sensor Leak

OVERVIEW:

This bulletin involves re-torquing the oil temperature sensor to specification.

MODELS:

2021	(WK)	Jeep Grand Cherokee
2021	(WD)	Dodge Durango

NOTE: This bulletin applies to vehicles within the following markets/countries: North America, LATAM, EMEA and APAC.

NOTE: This bulletin applies to vehicles built on or after July 13, 2020 (MDH 0713XX) on or before April 14, 2021 (MDH 0414XX) equipped with 6.2L Supercharged Hemi V8 SRT Engine (Sales Code ESD).

SYMPTOM/CONDITION:

Customers may notice a slight oil leak from under the vehicle near the oil temperature sensor location (Fig. 1) .

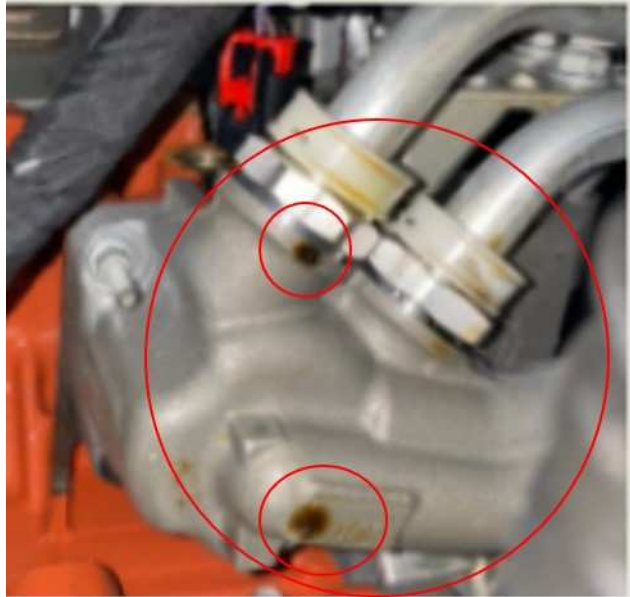


Fig. 1
Oil Leaking/Dripping Location

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition, perform the repair.

REPAIR PROCEDURE:

1. Disconnect and isolate the negative battery cable(s). Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Standard Procedure.
2. Remove the right front tire assembly. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 22 - Tires and Wheels / Wheels / Standard Procedure.
3. Remove the right front wheel liner. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body / Exterior / Shield, Splash, Wheelhouse / Removal.



Fig. 2
Oil Temp Sensor

4. Disconnect the oil temperature sensor wire harness connector (Fig. 2) .
5. Torque the oil temperature sensor to 50 N·m (38 ft.lbs) (Fig. 2) .
6. Reconnect the oil temperature sensor wire harness connector (Fig. 2) .
7. Install the right front wheel liner. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 23 - Body / Exterior / Shield, Splash, Wheelhouse / Installation.
8. Install the right front tire assembly. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 22 - Tires and Wheels / Wheels / Standard Procedure.
9. Reconnect the negative battery cable(s). Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Standard Procedure.
10. Check oil level and top off oil if necessary.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-46-20-91	Oil Temperature Sensor - Torque (1 - Semi-Skilled)	1- Engine Repair and Performance	0.7 Hrs.

FAILURE CODE:

ZZ	Service Action
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