



NUMBER: 07-001-20

GROUP: 07 - Cooling

DATE: March 26, 2020

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SUBJECT:

Water Pump Inlet Tube Fastener Torque

OVERVIEW:

This bulletin involves checking the torque on the water pump inlet tube fasteners to possibly eliminate coolant leak at this location.

MODELS:

2018 - 2020 (JL) Jeep Wrangler

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles built before November 30, 2019 (MDH 1130XX) equipped with a 2.0L I4 DOHC DI Turbo Engine W/ESS (Sales Code EC1) or 2.0L I4 DOHC DI Turbo Etorque Engine (Sales Code EC3).

SYMPTOM/CONDITION:

The customer may describe either a coolant leak or the coolant level is low.

DIAGNOSIS:

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

1. Pressure check the coolant system. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info>07 - Cooling / Diagnosis and Testing >Leak Testing>Pressure Tester Method.
2. Was coolant found to be leaking from the water pump inlet tube at the engine (Fig. 1) ?
 - YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> Coolant was not leaking from this area. This Bulletin does not apply. Normal diagnosis should be performed.

REPAIR PROCEDURE:

1. Torque the water pump inlet tube fasteners to exactly 11 N·m (97 in. lbs) (Fig. 1) .

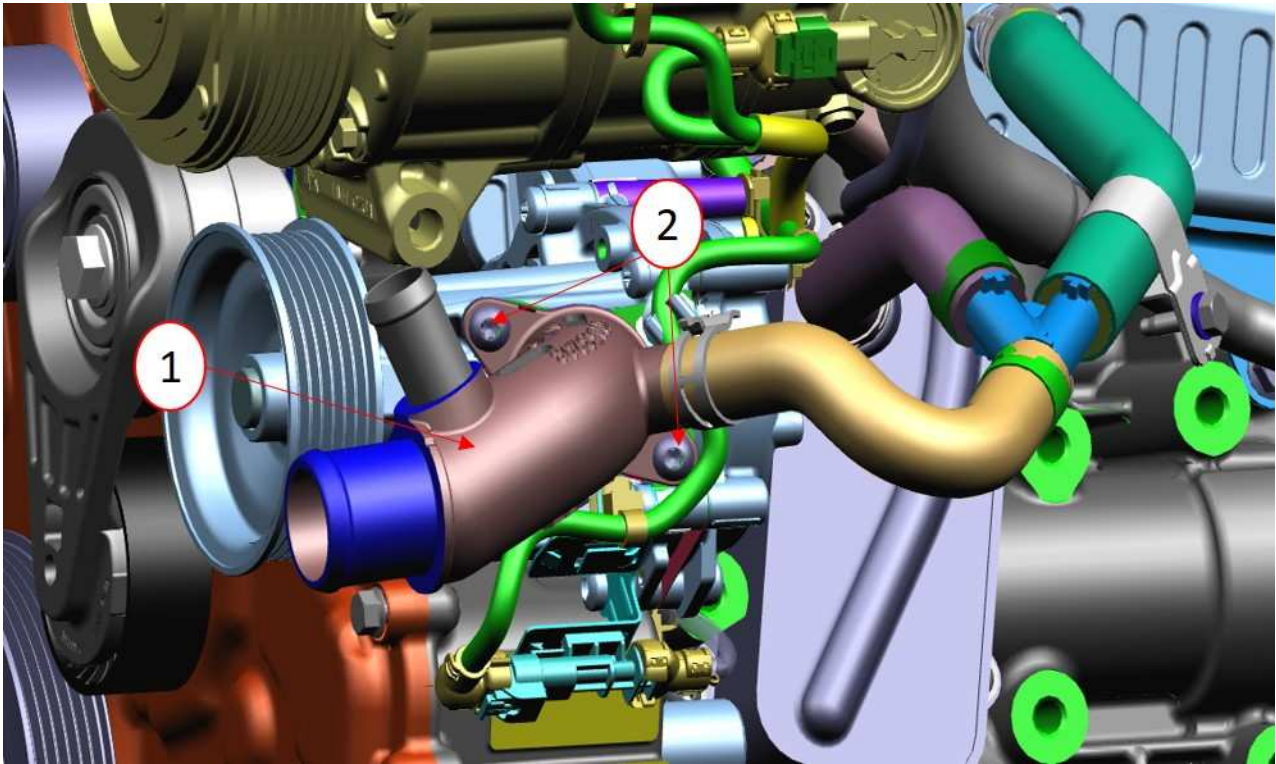


Fig. 1
Water Pump Inlet Tube Fasteners

- 1 - Water Pump Inlet Tube
2 - Fasteners

2. Pressure check the coolant system. Refer to the detailed service procedures available in DealerCONNECT>Service Library under: Service Info>07 - Cooling / Diagnosis and Testing >Leak Testing>Pressure Tester Method.
3. Is coolant still leaking from the water pump inlet tube at the engine(Fig. 1) ?
 - YES>>> Further diagnosis should be performed.
 - NO>>> This bulletin has been completed.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

| Labor Operation No: | Description | Skill Category | Amount |
|----------------------------|--|-----------------------------------|---------------|
| 07-62-04-90 | Tube, Water Pump Inlet - Pressure Test Cooling System and Re-Torque Fasteners (2 - Skilled) | 1 - Engine Repair and Performance | 0.5 Hrs. |

FAILURE CODE:

| | |
|----|----------------|
| ZZ | Service Action |
|----|----------------|