



NUMBER: 07-001-21

GROUP: 07 - Cooling

DATE: August 5, 2021

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This Technical Service Bulletin (TSB) has also been released as a Rapid Response Transmittal (RRT) 21-111, date of issue August 05, 2021. All applicable 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:

Transmission Oil Cooler Lines Not Fully Engaged

OVERVIEW:

This bulletin involves visually inspecting both driver and passenger, upper and lower transmission oil cooler line quick connect attachments to the transmission and if not engaged, pushing the quick connect into the transmission until a click is heard or felt.

MODELS:

2021 (JL) Jeep Wrangler

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

NOTE: This bulletin applies to vehicles built on or before May 06, 2021 (MDH 0506XX) equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).

SYMPTOM/CONDITION:

Customers may also comment on one or more of the following:

- Transmission fluid leaking from under the vehicle.
- Transmission not shifting properly or transmission gradually loses the ability to transfer power to the wheels.

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 Procedure. **This RRT only applies to vehicles on the RRT VIN list.**

PARTS REQUIRED:

Qty.	Part No.	Description
(AR)	68218925AA	Mopar® ZF 8&9 Speed Automatic Transmission Fluid (ATF) or equivalent.

REPAIR PROCEDURE:

1. Power down the high voltage system. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>08 - Electrical / Standard Procedure (Power Down).
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. Visually inspect the driver side transmission oil cooler line attachments to the transmission (Fig. 1) , both the upper and lower quick connects. The line ends should be engaged into the quick connects (Fig. 2) . If a quick connect is not engaged push the line fitting into the transmission quick connect until a 'click' is heard or felt.

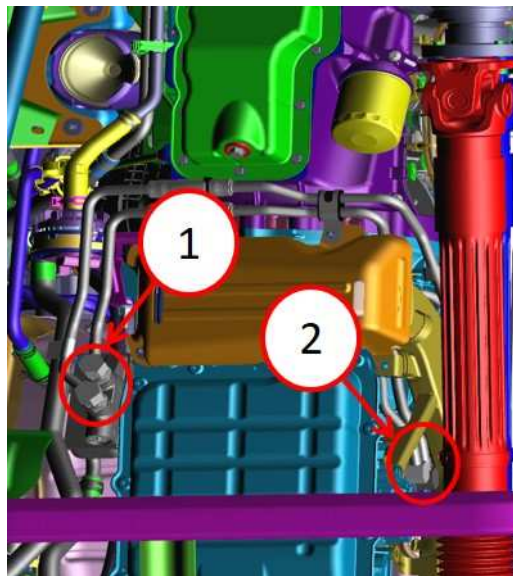


Fig. 1

Driver And Passenger Side Upper And Lower Quick Connects

- 1 - Passenger Side
2 - Driver Side
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Fig. 2

Not Connected And Connected Quick Connects

- 1 - Not Fully Engaged Connected Quick Connects
 - 2 - Fully Engaged Connected Quick Connects
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4. Visually inspect the passenger side transmission oil cooler line attachments to the transmission (Fig. 1) , both the upper and lower quick connects. The line ends should be engaged into the quick connects (Fig. 2) . If a quick connect is not engaged push the line fitting into the transmission quick connect until a 'click' is heard or felt.
5. Perform a "push-pull-push" check on all the quick connectors performing the following steps:
 - a. Push the connections into the transmission, then push up, down, left and right.
 - b. Pull the connections outward from the transmission, then pull up, down, left and right.
 - c. Push the connections again into the transmission.
6. Lower the vehicle.
7. Power up the high voltage system. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info>08 Electrical / Standard Procedure> High Voltage (Power Up).

NOTE: Transmission oil will need to be refilled if any connection was found loose. Check vehicle for leaks and clean any previous fluid leaks.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
21-25-10-97	Driver and Passenger Transmission Oil Cooler Quick Connections - Inspect and "push-pull-push" check (1 - Semi Skilled)	2 - Automatic Transmission	0.8 Hrs.

RELATED TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
21-25-10-52	Transmission Fluid Fill (1 - Semi Skilled)	2 - Automatic Transmission	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action
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