



NUMBER: 24-002-21

GROUP: 24 - Heating and Air Conditioning

DATE: January 28, 2021

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This Technical Service Bulletin has also been released as a Rapid Response Transmittal (RRT) 21-021, date of issue January 28, 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:

Air Conditioning Line Crimp Failure

OVERVIEW:

This bulletin involves inspecting the A/C suction lines for leaks and replacing leaking lines.

MODELS:

2020 - 2021

(B1)

Jeep Renegade

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

NOTE: This bulletin applies to vehicles built on or after July 30, 2020 (MDH 0730XX) and on or before September 26, 2020 (MDH 0926XX) equipped with 2.0L I4 Turbo Diesel Engine W/ESS (Sales Code EBT).

SYMPTOM/CONDITION:

The customer may describe the following:

- The air conditioning is inoperable.

DIAGNOSIS:

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. **This RRT only applies to vehicles on the RRT VIN list.**

1. Open the hood.
2. Disconnect and isolate the negative battery cable. If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS connector first before disconnecting the negative battery cable.
3. **If equipped**, remove the belly pan. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>13 - Frame and Bumpers/Under Body Protection/Belly Pan/Removal. **If not equipped, proceed to [Step 4](#).**

4. Using a black or white light, check the compressor suction and discharge line quick couplings and pipe clamps for leaks (Fig. 1) . Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>24 - Heating and Air Conditioning / Plumbing / Diagnosis and Testing.



Fig. 1
Areas To Check For Leaks

5. Was the connection of the hose A/C suction and discharge line (rigid pipe) leaking?
- YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> This bulletin has been completed. Use inspection LOP (24-45-25-90), to close the active RRT.

PARTS REQUIRED:

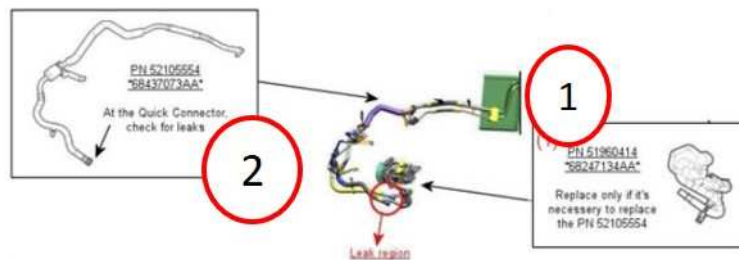
Qty.	Part No.	Description
1 (AR)	51960414 - LATAM 68247134AA - MOPAR	Jumper, A/C Suction
1 (AR)	52105554 - LATAM 68437073AA - MOPAR	Line, A/C Suction
(AR)	82300101AC	Refrigerant 2.0L Diesel 1.25 lb./567 g

NOTE:

- If the A/C discharge line is leaking, the A/C suction and discharge line must also be replaced. Replace both as a set.
- Replacement of the refrigerant line seals is required anytime a refrigerant line is disconnected (new A/C lines come with new seals). Failure to replace the rubber Oring seals may result in a refrigerant system leak.
- Lubricate **NEW** seals with clean refrigerant oil and install them onto the open refrigerant line fittings. Use only the specified seals as they are made of a special material for the system. Use only refrigerant oil of the type recommended for the A/C compressor in the vehicle.

REPAIR PROCEDURE:

1. Replace the A/C Suction and Discharge jumper (rigid pipe) (Fig. 2) . Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>24 - Heating and Air Conditioning/Plumbing/Service Info>24 Heating and Air Conditioning/Plumbing/Assembly, A/C Suction and Discharge/Removal and Installation.

**Fig. 2****Check Connections And Line Replacement**

- 1 - A/C Suction and Discharge jumper (rigid pipe)
 2 - A/C Suction line (flexible pipe)

2. Replace the A/C Suction line (flexible pipe) (Fig. 2) . Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>24 Heating and Air Conditioning/Plumbing/Line, A/C Suction/Removal and Installation. Proceed to next step.
3. **If equipped**, install the belly pan. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>13 Frame and Bumpers/Under Body Protection/Belly Pan/Installation. **If not equipped**, proceed to [Step 4](#).
4. Close the hood.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
24-45-25-90	Lines, A/C - Inspect (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.3 Hrs.
24-45-25-91	Lines, A/C Suction and Discharge - Replace (1 - Semi-Skilled)	6 - Electrical and Body Systems	1.5 Hrs.

RELATED LOP:

Labor Operation No:	Description	Skill Category	Amount
24-45-25-60	Belly Pan - Removal (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action
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