



NUMBER: 09-006-21

GROUP: 09 - Engine

DATE: May 28, 2021

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This Technical Service Bulletin has also been released as a Rapid Response Transmittal (RRT) 21-068, date of issue May 28, 2021. All applicable Sold and Unsold 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:

Incorrect Turbocharger Air Outlet Pipe Nuts

OVERVIEW:

This bulletin involves replacing the turbocharger air outlet pipe nuts.

MODELS:

2022 (M1) Jeep Compass (Brazil)

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

NOTE: This bulletin applies to vehicles built on or after February 12, 2021 (MDH 0212XX) and on or before May 19, 2021 (MDH 0519XX) equipped with a 1.3L I4 Turbo MAIR DI Eng W/ESS E100 (Sales Code EYJ).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P0299 - Turbocharger Underboost.

The customer may also describe the following:

- An air leak noise from the engine compartment.

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 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, or exhibits the symptom/condition or DTC, perform the Repair Procedure. **This RRT only applies to vehicles on the RRT VIN list.**

PARTS REQUIRED:

Qty.	Part No.	Description
2	14059918 - LATAM 68417935AA - MOPAR	Hex Flange Nut

REPAIR PROCEDURE:

1. Open the hood and install the fender cover.
2. Disconnect and isolate the negative battery cable.
3. Remove the engine cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>09 - Engine, 1.3L I4 16V MultiAir Turbo / Cover, Engine / Removal.
4. Disconnect the quick coupling for the fuel vapor pipe.
5. Open the two retaining bands (Fig. 1) , disconnect and remove the pipe.

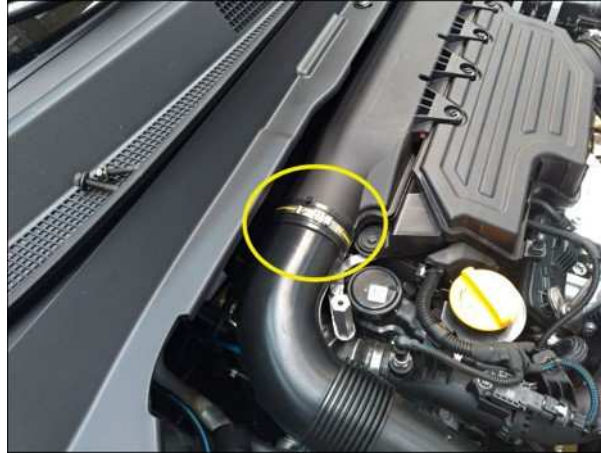


Fig. 1
Turbocharger Air Outlet Pipe Band

6. Release the bolts (Fig. 2) on the turbocharger air outlet pipe.

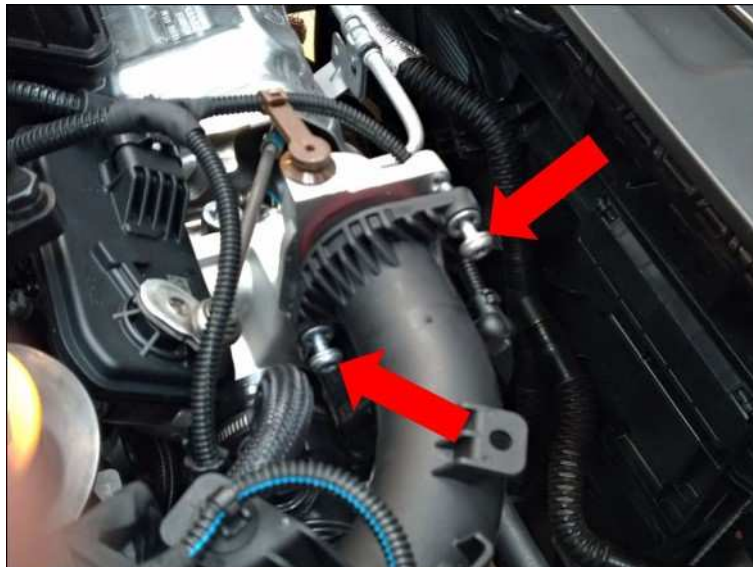


Fig. 2
Turbocharger Air Outlet Pipe Bolts

7. Remove the bolt (Fig. 3) securing the turbocharger air outlet pipe to the cylinder head cover.



Fig. 3
Pipe To Cylinder Head Cover Bolt

8. Remove and discard the two nuts (Fig. 4) and disconnect the turbocharger air outlet pipe from the throttle body.

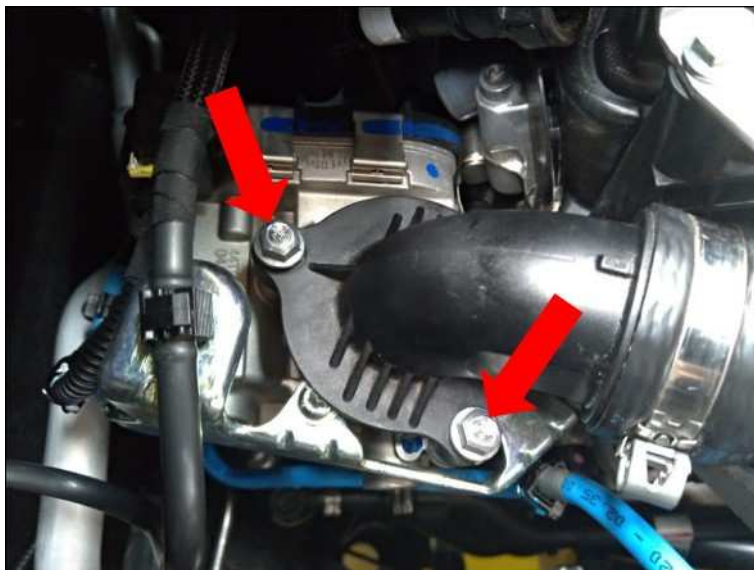


Fig. 4
Turbocharger Air Outlet Pipe Nuts

9. Remove the air outlet pipe and apply a coat of engine oil to the O'ring (Fig. 5) on the turbocharger air outlet.



Fig. 5
Turbocharger Air Outlet O'Ring

10. Using the new nuts (Fig. 4) , install the turbocharger air outlet pipe. Tighten the new nuts to 10 N·m (88 in. lbs.).
11. Tighten the turbocharger air outlet pipe bolts to 10 N·m (88 in. lbs.).
12. Install the securing the turbocharger air outlet pipe to the cylinder head cover with bolt (Fig. 3) . Tighten bolt to 10 N·m (88 in. lbs.).
13. Fit the pipe into position and tighten retaining bands (Fig. 1) .
14. Connect the quick coupling for the fuel vapor pipe.
15. Install the engine cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>09 - Engine, 1.3L I4 16V MultiAir Turbo / Cover, Engine / Installation.
16. Connect the negative battery cable.
17. Clear all DTCs that may have been set.
18. Remove the fender cover and close the hood.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
09-44-01-98	Turbocharger Air Outlet Pipe Nuts - Replace (2 - Skilled)	1 - Engine Repair and Performance	0.4 Hrs.

FAILURE CODE:

ZZ	Service Action
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