



NUMBER: 08-105-20

GROUP: 08 - Electrical

DATE: December 10, 2020

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.

This Technical Service Bulletin (TSB) has also been released as a Rapid Response Transmittal (RRT) 20-093, date of issue December 10, 2020. All applicable Un-Sold RRT VINs have been loaded. To verify this RRT service action is applicable to the Un-Sold vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. This RRT will expire 18 months after the date of issue.

SUBJECT:

Loose Battery Cable

OVERVIEW:

This bulletin involves tightening the charging cable nut to specifications.

MODELS:

2020 (M7) Jeep Compass (PHEV)

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

NOTE: This bulletin applies to vehicles built on or after June 18, 2020 (MDH 0618XX) and on or before October 05, 2020 (MDH 1005XX) equipped with 1.3L I4 Turbo PHEV Engine (Sales Code EYG).

SYMPTOM/CONDITION:

Customers may notice the vehicle is not charging properly.

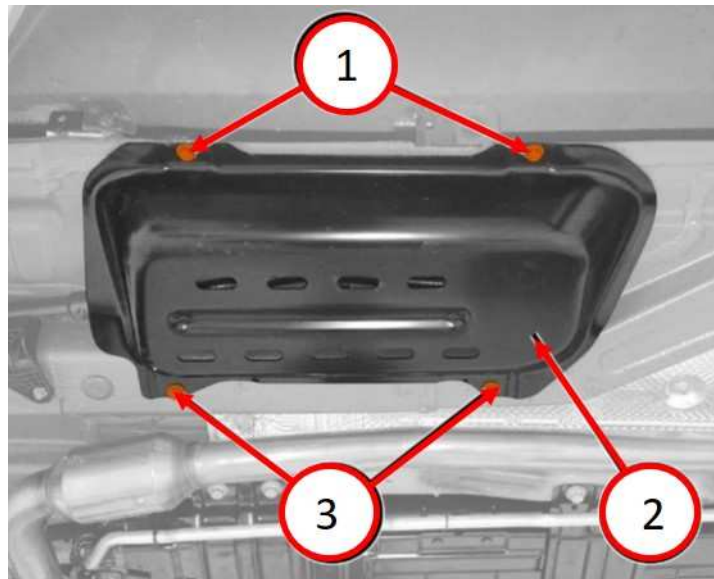
DIAGNOSIS:

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, perform the repair. **This RRT only applies to vehicles on the RRT VIN list.**

REPAIR PROCEDURE:

1. Lift the vehicle. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>04 - Vehicle Quick Reference / Hoisting / Standard Procedure.
2. Secure the vehicle by disconnecting the low-voltage and high-voltage power supplies. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>:
 - Battery and hold down removal is not necessary.
 - For **Low Voltage** - 08 - Electrical / 8F - Engine Systems / Battery System / Battery / Removal and Installation.
 - For **High Voltage** - 08 - Electrical / Standard Procedure.
3. Locate and remove the Charging Cable Junction Node Guard to gain access to the charging cable junction node (Fig. 1) , by performing the following:
 - Loosen the fixing screws on outer vehicle side.
 - Undo the fixing screws on inner vehicle side.
 - Remove the guard of the charging cable junction node.

**Fig. 1****Charging Cable Junction Node Guard**

- 1 - Outer Side Fixing Screws
 - 2 - Charging Cable Junction Node Guard
 - 3 - Inner Side Fixing Screws
-

- Using a small flat blade screwdriver, pull up the side retainers and remove the cover (Fig. 2) of the charging cable junction node.

NOTE: Be extremely careful not to damage the side retainers of the junction node cover during the operation.

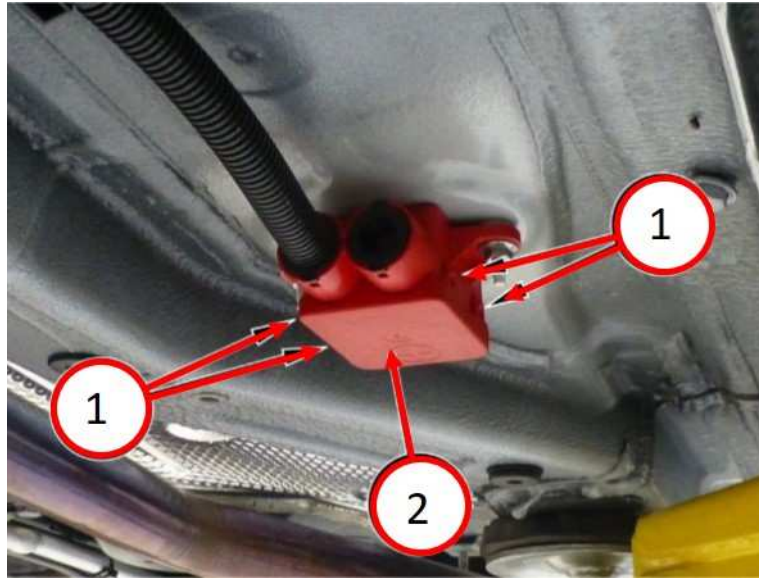


Fig. 2
Charging Cable Junction Node (Cover In Place)

- 1 - side retainers
- 2 - Cover

- Using a torque wrench, check that the nut fastening the cable terminal (Fig. 3) of the low-voltage front wiring cable (from IDCM to 12V battery) to the junction node is tightened to a torque of 1.1 daN·m.

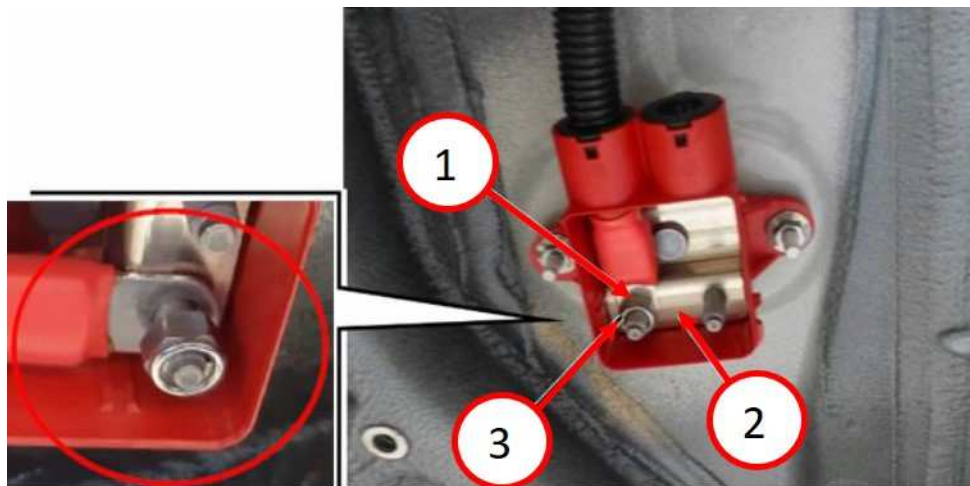


Fig. 3
Charging Cable Junction Node (Cover Removed)

- 1 - Charging Cable
- 2 - Junction Node
- 3 - Charging Cable Nut

6. Fit the junction nodes cover in its housing and fit the retainers side.

NOTE: Be extremely careful not to damage the side retainers of the junction node cover during the operation.

7. Fit the charging cable junction node guard in its housing and tighten the screws to a torque of 1.8 - 2.2 daN·m.

CAUTION! Proceed by restoring the high-voltage power supply as described in the appropriate procedure of the Repair Manual.

NOTE: Whenever the 12V battery terminals are disconnected, upon reconnecting, the central locking system must be initialized by locking and unlocking the doors with the remote control.

8. After connecting the battery terminals, lock and then unlock the doors with the remote control.

9. Remove the vehicle from the lift.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-90-16-92	Perform High Voltage Wiring Repair (3 - Highly Skilled)	6 - Electrical and Body Systems	0.6 Hrs.

FAILURE CODE:

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