

|                           |  |              |                   |  |                              |
|---------------------------|--|--------------|-------------------|--|------------------------------|
| <b>REFERENCE:</b>         | <b>TSB:</b> 08-255-23<br><b>GROUP:</b> 08 - Electrical   | <b>Date:</b> | November 28, 2023 | <b>REVISION:</b>                       | -                            |
| <b>VEHICLES AFFECTED:</b> | <b>2022 - 2023 (B1) Jeep Renegade</b><br><b>2022 - 2023 (H1) Jeep Commander</b><br><b>2022 - 2023 (M1) Jeep Compass</b><br><b>This bulletin applies to vehicles built on or after August 04, 2022 (MDH 0804XX) and on or before June 20, 2023 (MDH 0620XX).</b>  |              |                   | <b>MARKET APPLICABILITY:</b>           |                              |
|                           |  |              |                   | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> MEA |
|                           |  |              |                   | <input checked="" type="checkbox"/> SA | <input type="checkbox"/> IAP |
|                           |  |              |                   | <input type="checkbox"/> EE            | <input type="checkbox"/> CH  |
| <b>CUSTOMER SYMPTOM:</b>  | <b>Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs) have been set:</b> <ul style="list-style-type: none"> <li>• P0599-00 - Thermostat Heater Control Circuit High.</li> <li>• P0443-00 - EVAP Purge 1 Control Circuit.</li> <li>• U0404-00 - Implausible Data Received From ESM.</li> <li>• P06DA-00 - Engine Oil Pressure Control Circuit.</li> <li>• P0977-00 - Shift Solenoid 2 Control Circuit High.</li> <li>• P0974-00 - Shift Solenoid 1 Control Circuit High.</li> </ul> <b>Customers may comment on one or more of the following:</b> <ul style="list-style-type: none"> <li>• Vehicle will not start.</li> <li>• Injection light is illuminated.</li> </ul> |              |                   |  |                              |
| <b>CAUSE:</b>             | <b>Loose ground cable.</b>   |              |                   |  |                              |

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-324, date of issue November 28, 2023. All applicable RSU VINs have been loaded. To verify this RSU 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 RSU will expire 18 months after the date of issue.

**REPAIR SUMMARY:**

This bulletin involves tightening the G002 ground cable bolt.

**CLAIMS DATA:**

| Labor Operation No: | Labor Description                                      | Skill Category                  | Labor Time |
|---------------------|--|---------------------------------|------------|
| 08-94-BJ-92         | Battery Ground Cable G002 - Tighten (1 - Semi-Skilled) | 6 - Electrical and Body Systems | 0.4 Hrs.   |
| Failure Code        | ZZ   | Service Action                  |            |

**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 RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure.

**SPECIAL TOOLS/EQUIPMENT:**

| Description          | Ref. No. | Notes |
|----------------------|----------|-------|
| wiTECH or Equivalent | –        | –     |

**REPAIR PROCEDURE:**

1. Disconnect and isolate the negative battery cable(s). **If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS connector first before disconnecting the negative battery cable.**
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. Remove the left front fender. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: Service Info>23 - Body / Exterior / Fender, Front / Removal.
4. Locate the ground cable G002 on the vehicle, which connects the ground cable from the battery to the transmission, located near the front left fender [Fig. 1](#).

**Fig. 1**

Ground Cable G002

5. Tighten the G002 ground cable bolt [Fig. 2](#) to 22 N·m (16 ft. lbs.).



**Fig. 2**

G002 Ground Cable Bolt

6. Install the left front fender. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body / Exterior / Fender, Front / Installation.
7. Lower the vehicle.
8. Connect the negative battery cable(s). **If equipped with an IBS, connect the IBS connector first before connecting the negative battery cable.**
9. Clear all DTCs that may have been set.

**POLICY:**

Reimbursable within the provisions of the warranty.

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