

TECHNICAL BULLETIN
JTB00517NAS1
20 SEP 2016



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 211-02

DTC B12FB-12 Stored in CJB

AFFECTED VEHICLE RANGE:

F-TYPE (X152)

Model Year: 2014-2015
VIN: K00001-K22184
Assembly Plant: Castle Bromwich

MARKETS:

NAS

CONDITION SUMMARY:

Situation: Customers may report a concern with power steering assist and, if the vehicle car was also in Dynamic mode, a change in color of the Instrument Cluster illumination may occur. Diagnosis will identify Diagnostic Trouble Code (DTC) B12FB-12 stored in the Central Junction Box (CJB).

Cause: This may be caused when there is a voltage differential between the CJB grounds.

Action: Should a Customer express this concern, follow the Service Instruction below.

PARTS:

T2R25553	Link Lead	1
T2R17307	Central Junction Box (CJB)	1 (only if required)

TOOLS:

Jaguar Land Rover-approved Midtronics battery power supply



E192494

Jaguar Land Rover-approved diagnostic tool with latest SDD software, Calibration File



E179225

WARRANTY:

 **NOTE: Do not replace power steering control solenoid valve.**

 **NOTE: The Central Junction Box (CJB) may be referred to as Body Control Module (BCM).**

 **NOTE: Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIX to obtain the latest repair time.**

 **NOTE: DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.**

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Read and clear fault codes	86.99.78	0.2	42	T2R4837
Additional ground lead - Install	90.50.55	0.3	42	T2R4837
Central Junction Box (CJB) - Renew	86.70.97	0.3	42	T2R4837

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:



CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.



CAUTION: Ensure all ignition ON/OFF requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.



NOTE: The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD146.06 v.247 (or later).

1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
2. Switch the ignition ON (engine not running).
3. Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
4. Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.

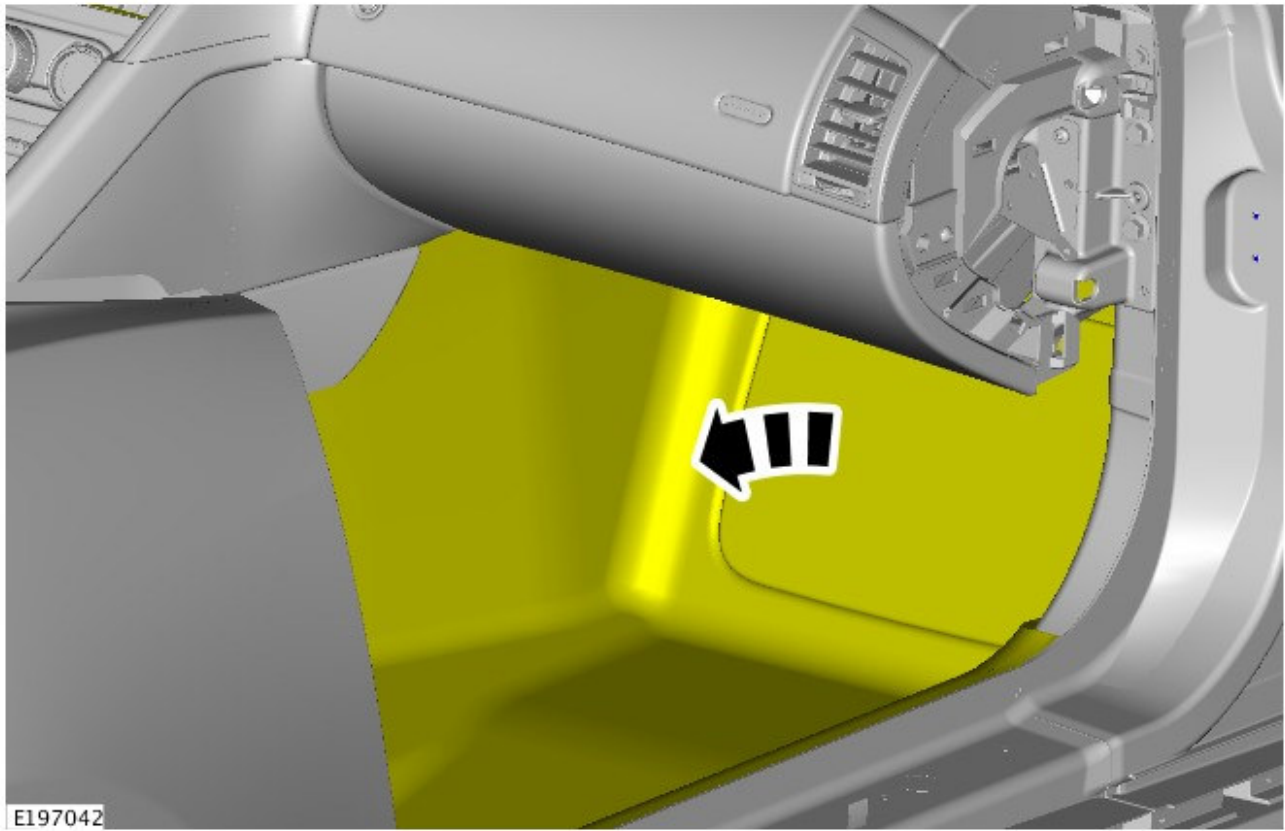


5. **NOTE: The Central Junction Box (CJB) may be referred to as Body Control Module (BCM).**

Confirm the Central Junction Box (CJB) hardware part number by selecting the 'Part Information' icon on the vehicle specification tab and scroll down to 'BCM' and 'ecu_delivery_assembly'.

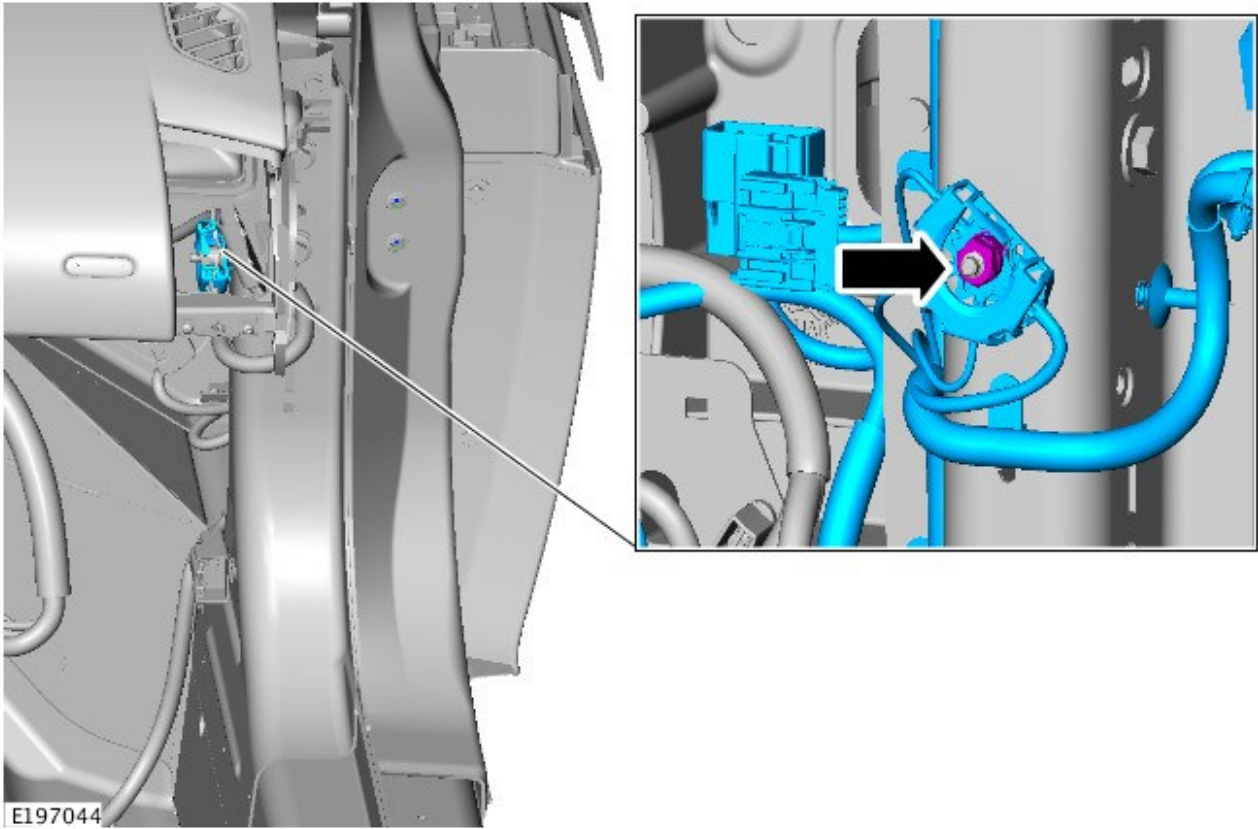
- If the BCM hardware part number is **EX53-14F041-AH or later**, the CJB must not be replaced.
 - Go to Step 6.
- If the BCM hardware part number is **EX53-14F041-AG or earlier**, the CJB must be replaced (see TOPIx Workshop Manual section 418-00: Module Communications Network - Central Junction Box [CJB]).
 - Once the CJB replacement is complete, go to Step 6.

6. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
7. Disconnect the diagnostic tool and battery power supply from the vehicle.
8. Open the right-hand door.
9. Remove the cowl right-hand side trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Cowl Side Trim Panel).
10. Position the right-hand carpet to one side.

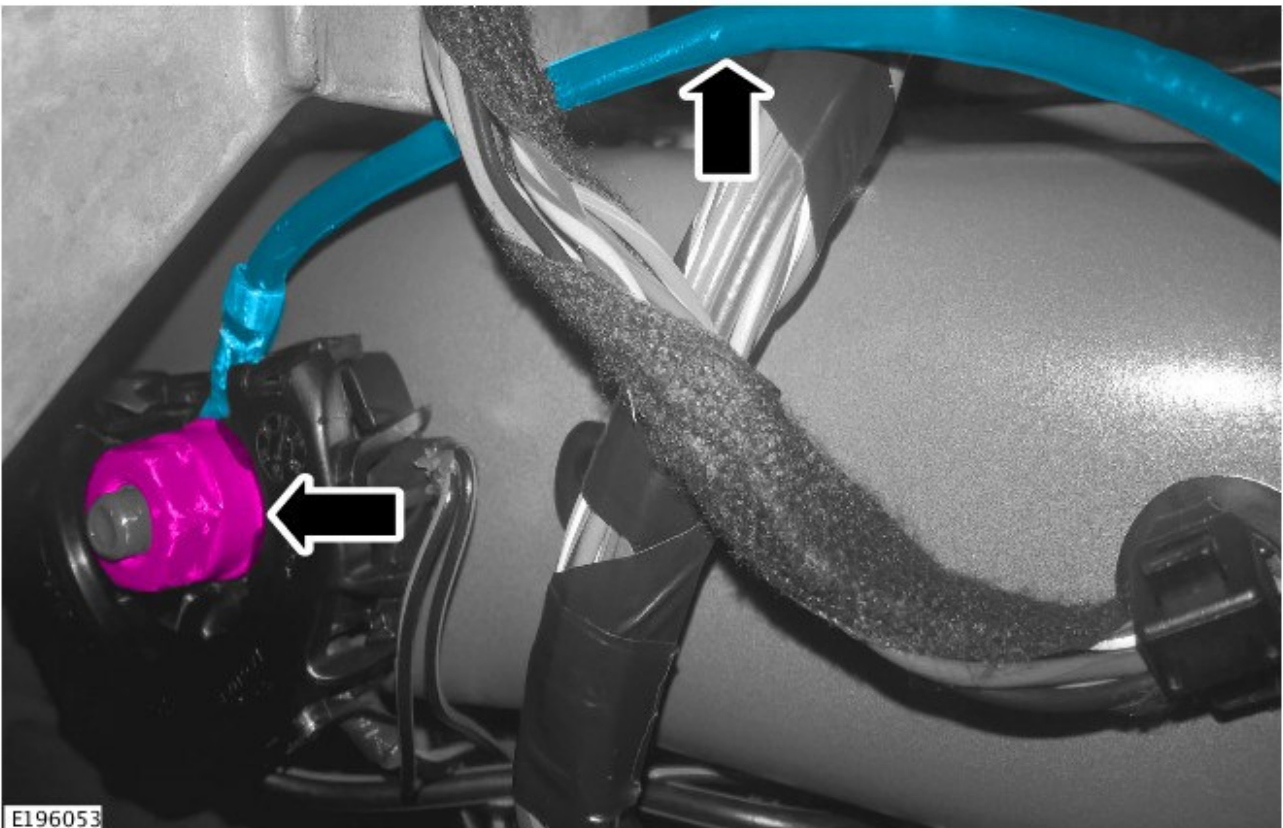


11.  **NOTE: Parts shown removed for clarity.**

Remove the ground terminal fastener.



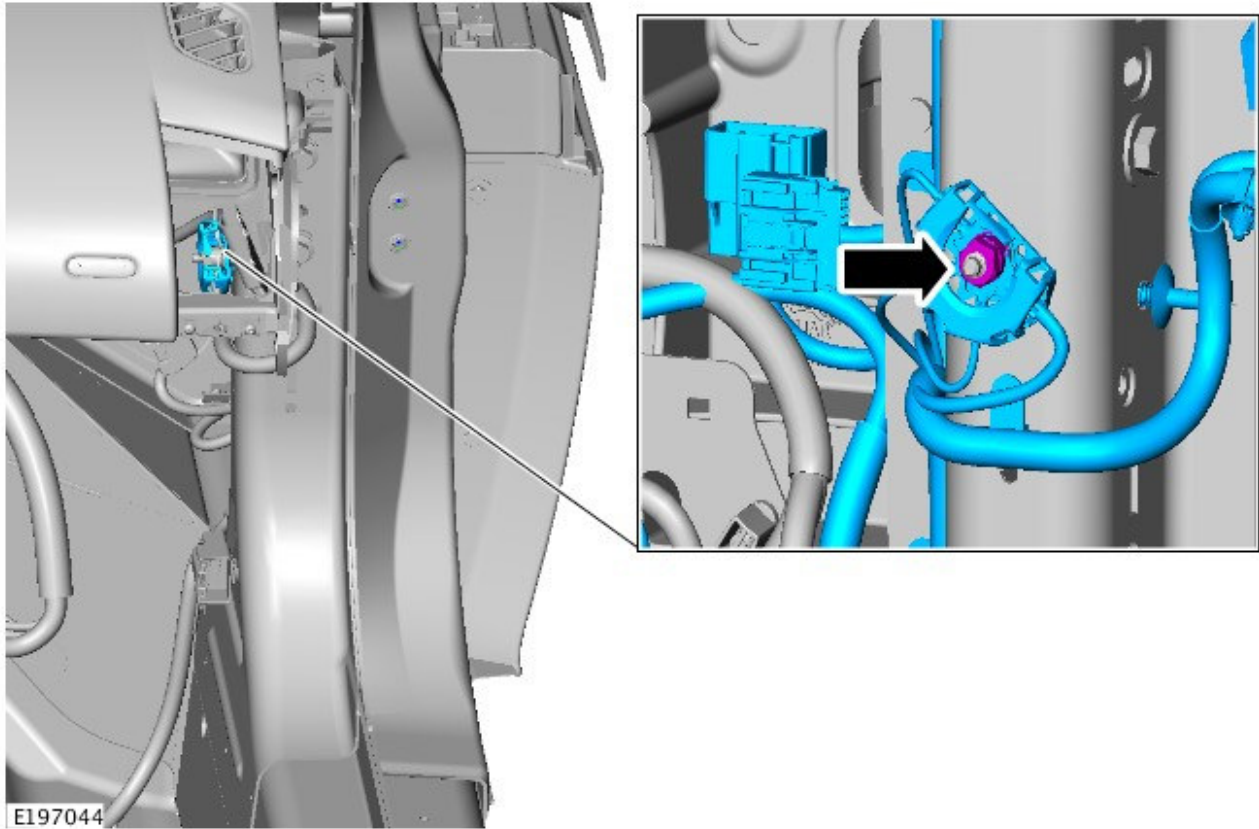
12. Install the new ground lead.



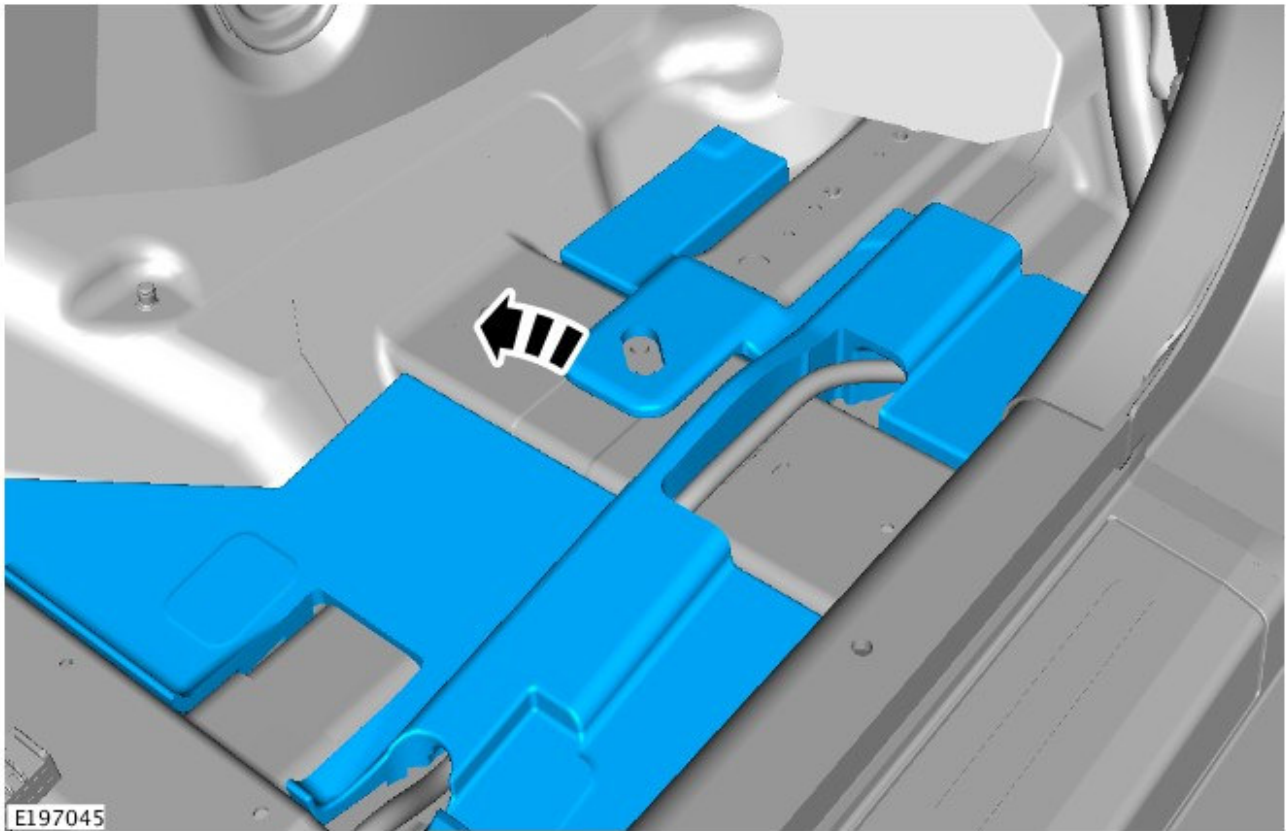
13.  **NOTE: Parts shown removed for clarity.**

Install the ground terminal fastener.

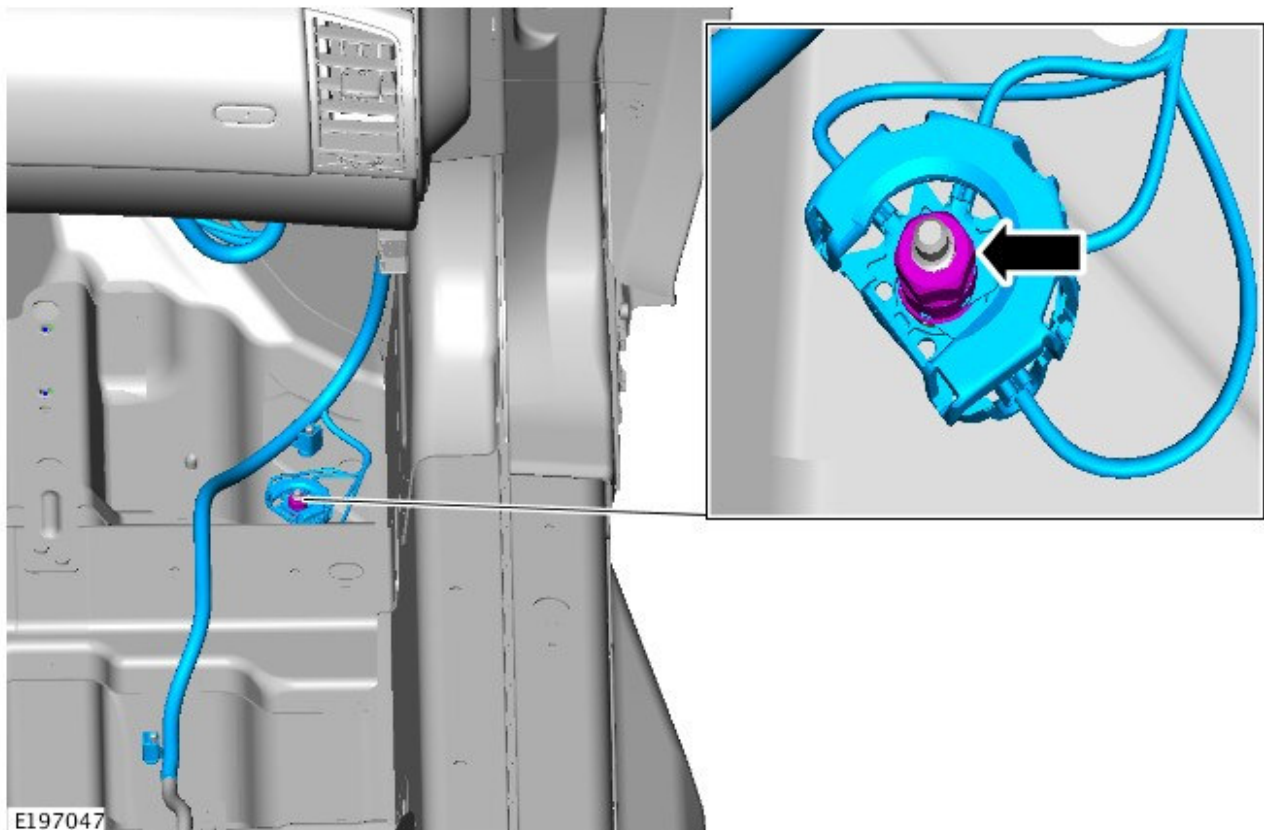
- Torque: **9Nm ± 1.4Nm**



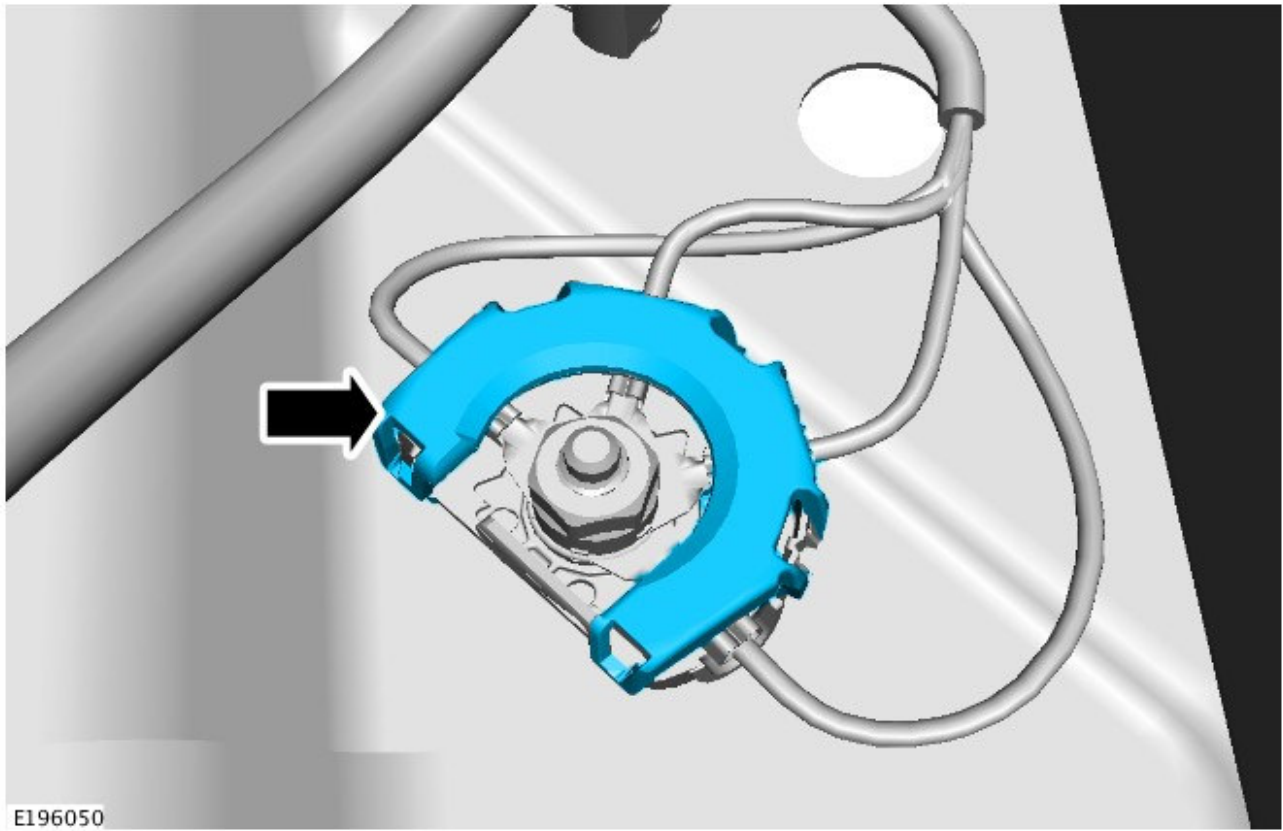
14. Position the Noise, Vibration and Harshness (NVH) material to one side.



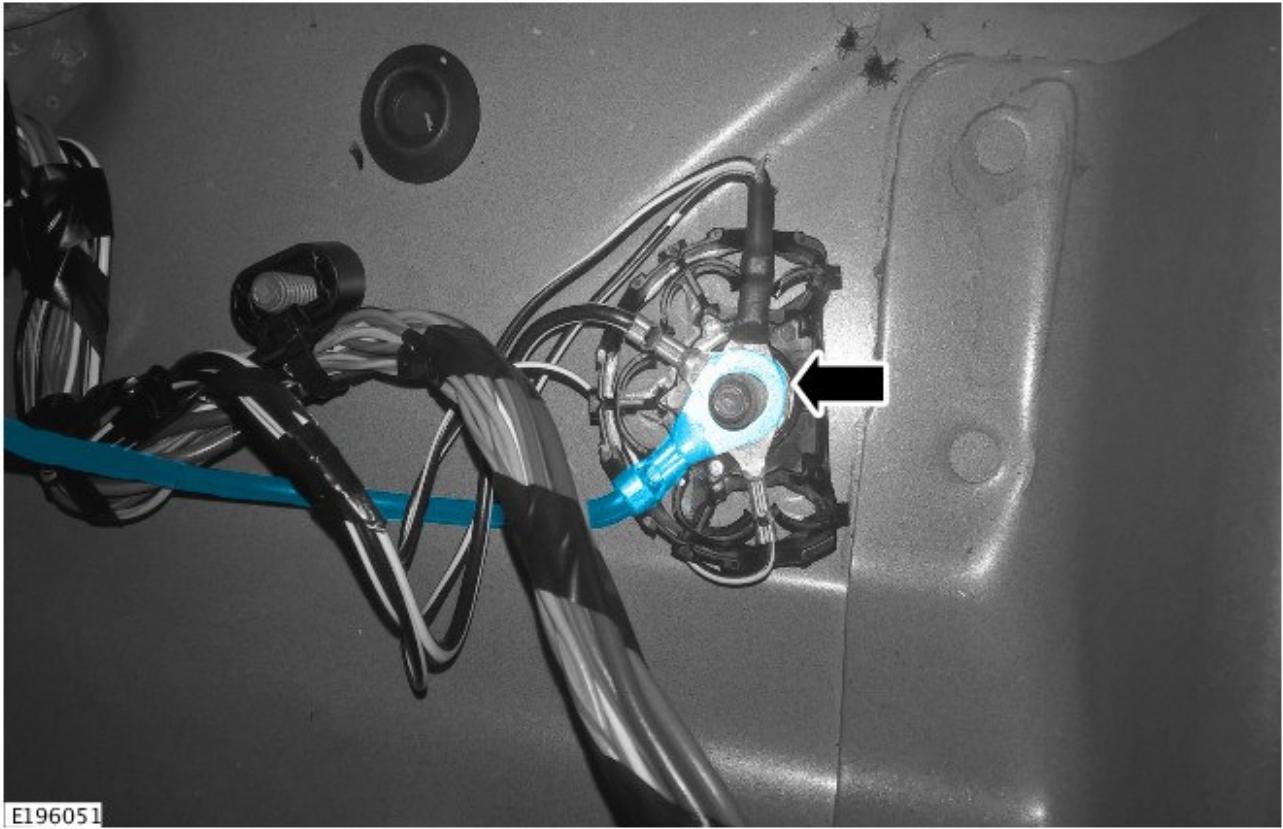
15. Remove the ground terminal fastener.



16. Remove the ground terminal cover.

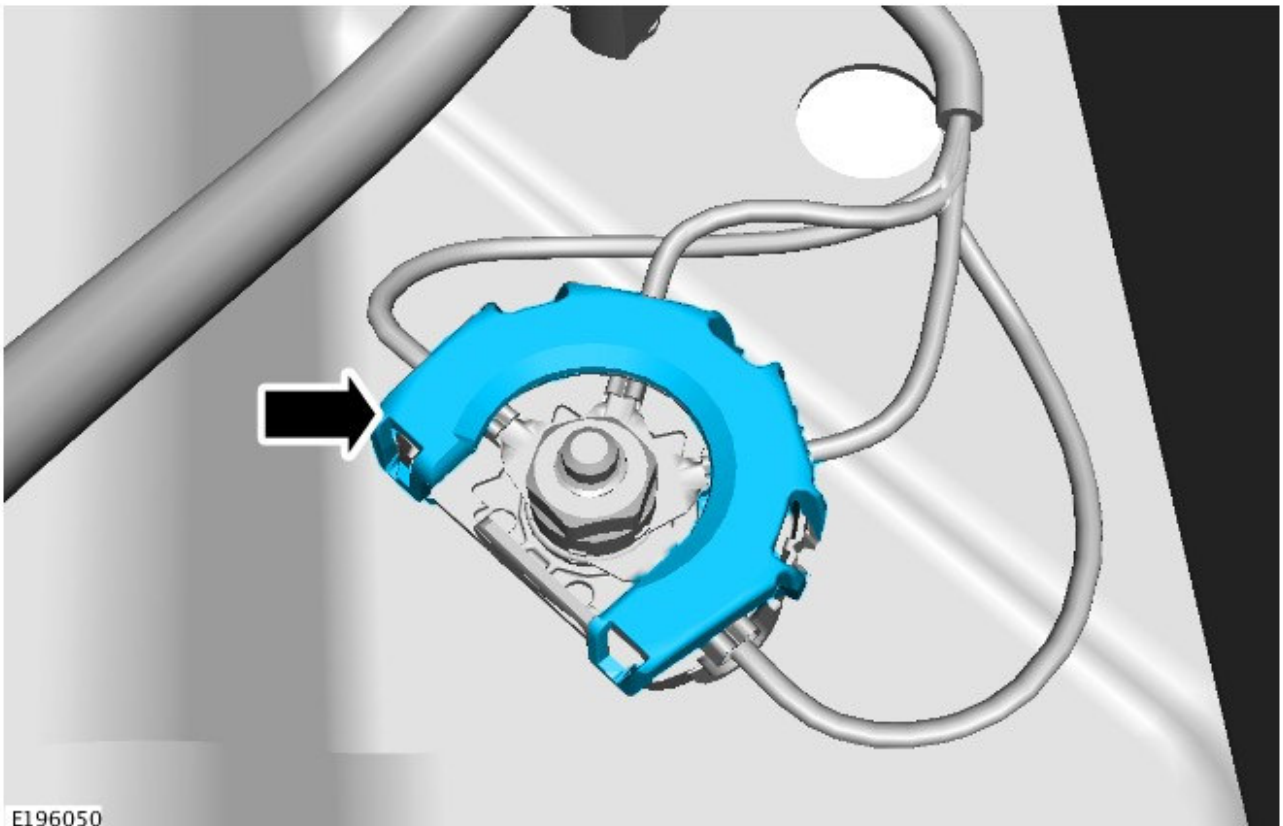


17. Install the new ground lead.



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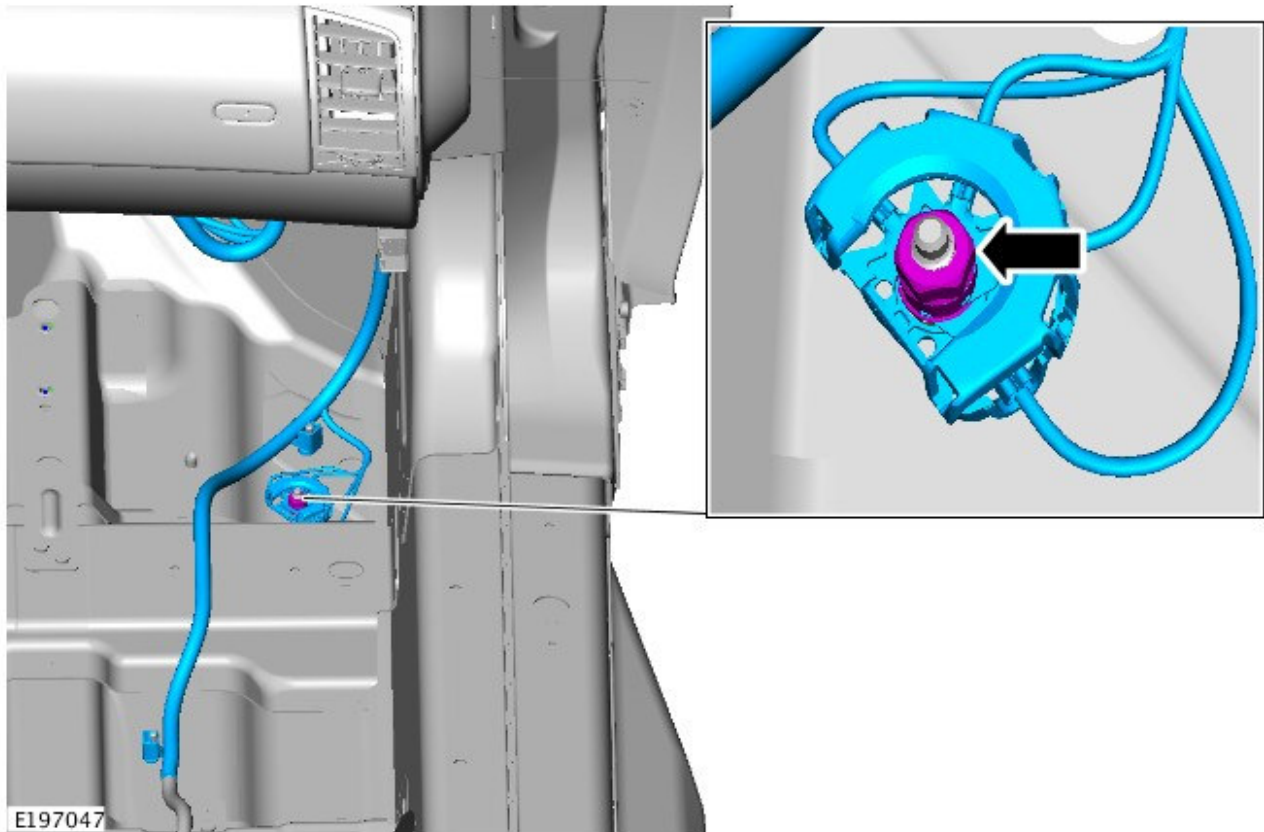
18. Install the ground terminal cover.



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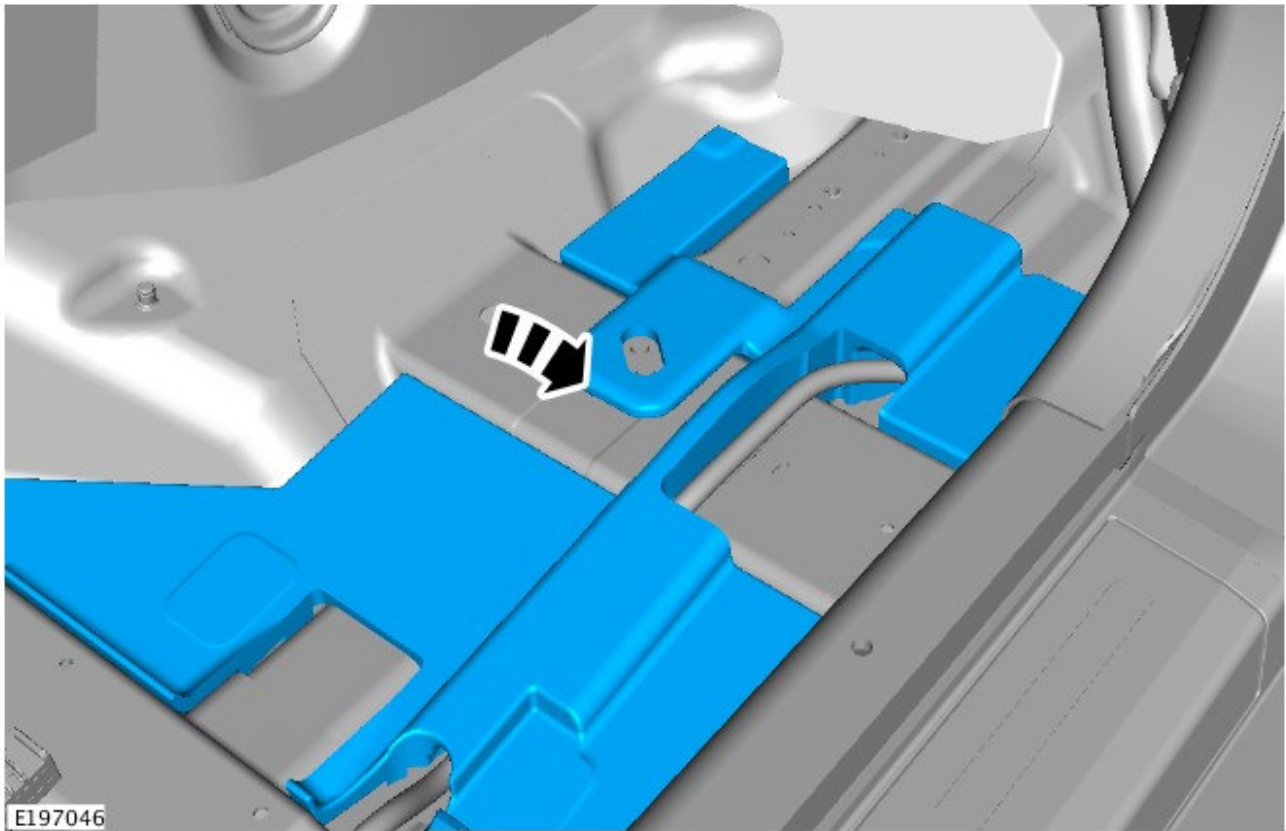
19. Install the ground terminal fastener.

- Torque: **9Nm ± 1.4Nm**

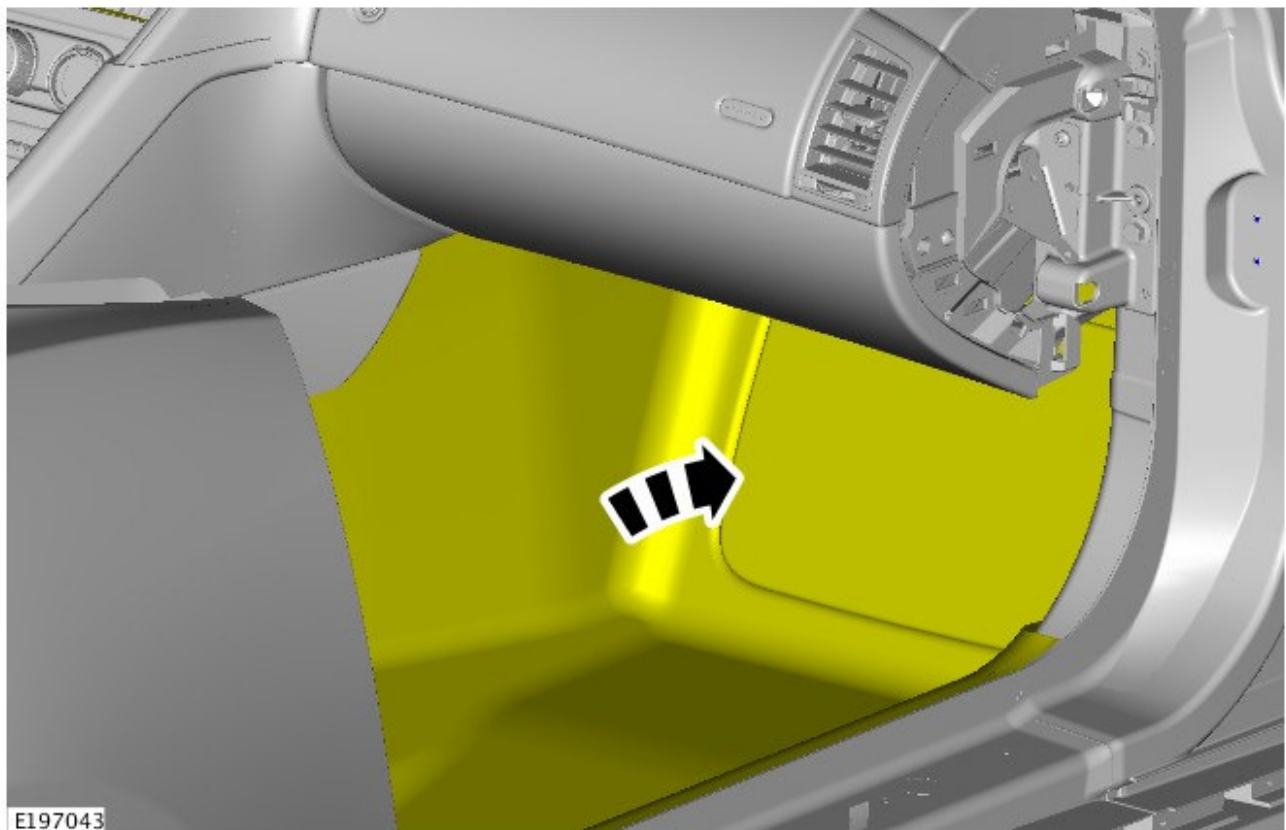


20. Secure the new link lead to the original wiring harness.

21. Install the NVH material.



22. Install the right-hand carpet.



- 23.** Install the cowl right-hand side trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Cowl Side Trim Panel).
- 24.** Close the right-hand door.