



Safety Recall

Code: 53B8

Subject	Hybrid Battery Tray Drain Installation
Release Date	May 12, 2016
Affected Vehicles	U.S.A.: 2011-2015 MY Volkswagen Touareg Hybrid <i>Check Campaigns/Actions screen in Elsa on the day of repair to verify that a VIN qualifies for repair under this action. Elsa is the <u>only</u> valid campaign inquiry & verification source.</i> <ul style="list-style-type: none">✓ Campaign status must show "open."✓ If Elsa shows other open action(s), inform your customer so that the work can also be completed at the same time the vehicle is in the workshop for this campaign.
Problem Description	The rear hatch area where the hybrid battery tray is located does not sufficiently drain. Because of this, any water entering this area remains below the hatch floor cover in the battery tray and is not easily visible to customers. If too much water collects in this area, it could cause an electrical short in the high voltage battery. An electrical short in the high voltage battery caused by significant water intrusion may lead to a vehicle fire.
Corrective Action	Install a drain valve in the tray below the hybrid battery to allow water to drain from the rear hatch area.
Precautions	Affected vehicles can continue to be driven as usual, but if a hybrid drive system malfunction light illuminates on the instrument panel, customers should contact the nearest authorized Volkswagen dealer in order to have the vehicle inspected. See the owner's manual for additional information about the vehicle's hybrid system.
Parts Information	There will be a parts allocation to address inventory vehicles only. To help avoid delays or inconveniencing customers, dealers should ensure that parts are on hand to address scheduled customer appointments. If allocated parts have been used, please send a request with the VIN to vwoaspecialservices@vw.com for part release
Code Visibility	<p>On or about May 12, 2016, affected vehicles will be listed on the Inventory Vehicle Open Campaign Action report under My Dealership Reports (found on www.vw.com & OMD Web). A list will not be posted for dealers who do not have any affected vehicles.</p> <p>On or about May 12, 2016, this campaign code will show open on affected vehicles in Elsa.</p> <p>On or about May 12, 2016, affected vehicles will be identified with this campaign code in the VIN Lookup tool at www.vw.com and on the NHTSA VIN lookup tool at www.safercar.gov.</p>
Owner Notification	Owner notification will take place in May 2016. An owner letter example is included in this bulletin for your reference.
Additional Information	<p>Please alert everyone in your dealership about this action, including Sales, Service, Parts and Accounting personnel. Contact Warranty if you have any questions.</p> <p>IMPORTANT REMINDER ON VEHICLES AFFECTED BY SAFETY & COMPLIANCE RECALLS</p> <p><u>New Vehicles in Dealer Inventory:</u> It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied. By law, dealers must correct, prior to delivery for sale or lease, any vehicle that fails to comply with an applicable Federal Motor Vehicle Safety Standard or that contains a defect relating to motor vehicle safety.</p> <p><u>Pre-Owned Vehicles in Dealer Inventory:</u> Dealers should not deliver any pre-owned vehicles in their inventory which are involved in a safety or compliance recall until the defect has been remedied.</p> <p>Dealers must ensure that every affected inventory vehicle has this campaign completed <u>before delivery to consumers</u>.</p> <p>Fill out and affix Campaign Completion Label (CAMP 010 000) after work is complete. Labels can be ordered at no cost via the Compliance Label Ordering portal at www.vw.com.</p>

Claim Entry Instructions

After campaign has been completed, enter claim as soon as possible to help prevent work from being duplicated elsewhere. Attach the Elsa screen print showing action open on the day of repair to the repair order.

If customer refused campaign work:

- ✓ U.S. dealers: Submit request via WISE under the *Campaigns/Update/Recall Closure* option.

Service Number	53B8												
Damage Code	0099												
Parts Vendor Code	WWO												
Claim Type	Sold vehicle: 7 10 Unsold vehicle: 7 90												
Causal Indicator	Mark drain valve as causal part*												
Vehicle Wash/Loaner	Do not claim wash/loaner under this action												
Criteria I.D.	01												
	<p>Install Battery Tray Drain Valve</p> <p>Labor operation: 9301 59 99 320 T.U.</p> <table border="1"><thead><tr><th>Quantity</th><th>Part Number</th><th>Description</th></tr></thead><tbody><tr><td>1</td><td>7P0899073</td><td>Drain Valve*</td></tr></tbody></table> <p>-AND IF NECESSARY-</p> <table border="1"><thead><tr><th>Quantity</th><th>Part Number</th><th>Description</th></tr></thead><tbody><tr><td>4</td><td>N 90780904</td><td>Oval hexagon socket head bolt (M6x16-H)</td></tr></tbody></table>	Quantity	Part Number	Description	1	7P0899073	Drain Valve*	Quantity	Part Number	Description	4	N 90780904	Oval hexagon socket head bolt (M6x16-H)
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4	N 90780904	Oval hexagon socket head bolt (M6x16-H)											

Customer Letter Example (USA)

This notice applies to your vehicle: <VIN>

NHTSA: <INSERT NUMBER>

**Subject: Safety Recall 53B8 - Hybrid Battery Tray Drain Installation
2011-2015 Model Year Volkswagen Touareg Hybrid**

Dear Volkswagen Owner,

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. Volkswagen has decided that a defect, which relates to motor vehicle safety, exists in certain 2011-2015 model year Volkswagen Touareg Hybrid vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue?	The rear hatch area where the hybrid battery tray is located does not sufficiently drain. Because of this, any water entering this area remains below the hatch floor cover in the battery tray and is not easily visible to customers. If too much water collects in this area, it could cause an electrical short in the high voltage battery. An electrical short in the high voltage battery caused by significant water intrusion may lead to a vehicle fire.
What will we do?	To help correct this defect, your authorized Volkswagen dealer will install a drain valve in the tray below the hybrid battery to allow water to drain from the rear hatch area. This work may take up to one day to complete and will be performed for you free of charge.
What should you do?	Please contact your authorized Volkswagen dealer without delay to schedule this recall repair. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule. For your convenience, you can also visit www.vw.com and click on the "Owners" link to locate a dealer near you and schedule this service online.
Precautions you should take	Affected vehicles can continue to be driven as usual, but if a hybrid drive system malfunction light illuminates on the instrument panel, contact the nearest authorized Volkswagen dealer in order to have your vehicle inspected. See your owner's manual for additional information about your vehicle's hybrid system.
Lease vehicles and address changes	If you are the lessor and registered owner of the vehicle identified in this action, the law requires you to forward this letter immediately via first-class mail to the lessee within ten (10) days of receipt. If you have changed your address or sold the vehicle, please fill out the enclosed prepaid Owner Reply card and mail it to us so we can update our records.
Reimbursement of Expenses	If you have previously paid for repairs relating to the condition described in this letter, please refer to the enclosed form that explains how to request reimbursement.
Can we assist you further?	If your authorized Volkswagen dealer fails or is unable to complete this work free of charge within a reasonable time, or if you should have any questions about this communication, please don't hesitate to contact Customer CARE, Monday through Friday from 8AM to 10PM EST and Saturday from 9AM to 5PM EST, or by phone at 800-893-5298. You are also welcome to e-mail or chat through the "Contact Us" page http://www.vw.com/contact/ .
Checking your vehicle for open Recalls and Service Campaigns	To check your vehicle's eligibility for repair under this or any other recall/service campaign, please click on the Look Up Recalls link at www.vw.com and enter your Vehicle Identification Number (VIN) into the Recall/Service Campaign Lookup tool. As always, if you have any questions or if you need additional assistance, please contact Customer CARE or your authorized Volkswagen dealer.

If you still cannot obtain satisfaction, you may file a complaint with: The Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

We apologize for any inconvenience this matter may cause; however we are taking this action to help ensure your safety and continued satisfaction with your vehicle.

Sincerely,

Volkswagen Customer Protection

ATTENTION

- Damages resulting from improper repair or failure to follow these work instructions are the dealer's responsibility and are not eligible for reimbursement under this action.
- This repair procedure **MUST** be performed by a High Voltage Technician.

Required Parts

<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
1	7P0 899 073	Drain Valve

-AND IF NESCESARY-

<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
4	N 90780904	Oval hexagon socket head bolt (M6x16-H)

Required Tools



- T10506 – Sealing Caps



- VAS 5055/4 - Adapter



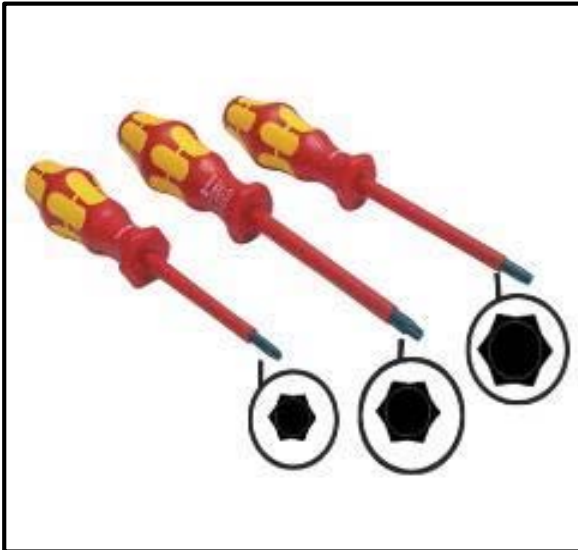
- VAS6650A – Switch warning sign



- VAS6649 – Hybrid vehicle warning notice (voltage)



- VAS6558A – Test Adapter – Hybrid Module



- VAS6633 – TORX screwdriver set



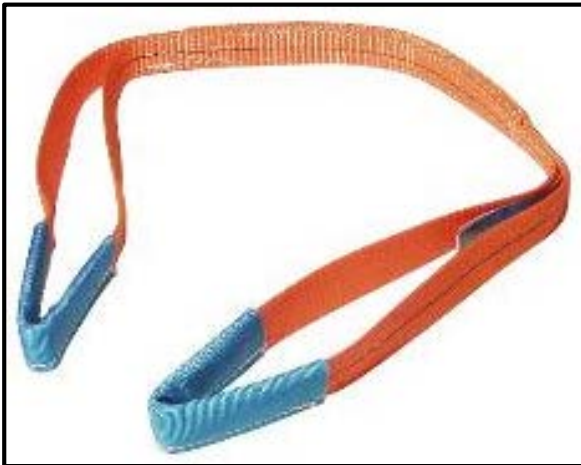
- VAS6762/10 – High Voltage Cable Covers



- VAS6100 – Shop Crane (or equivalent)



- VAG1331 – 5-50Nm Torque Wrench (or equivalent)



- T40155 – Retaining Strap

Work Procedure

Applicable Criteria ID (s)	Campaign/Action Status
01	Open

EXAMPLE

Two green arrows point to the table cells: Arrow 1 points to the 'Applicable Criteria ID (s)' cell containing '01'. Arrow 2 points to the 'Campaign/Action Status' cell containing 'Open'.

TIP

If Campaign Completion label is present, no further work is required.

Section A – Check for Previous Repair

- Enter the VIN in Elsa and proceed to the “Campaign/Action” screen

TIP

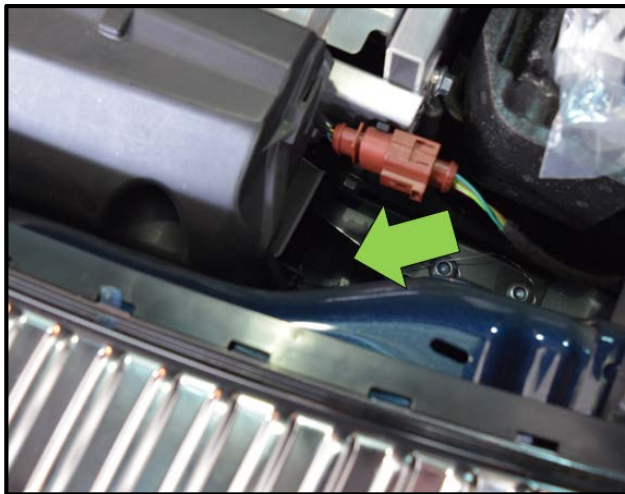
On the date of repair, print this screen and keep a copy with the repair order.

- Ensure that the Status is “Open”
<arrow 2>
- Note the Applicable Criteria ID
<arrow 1> for use in determining the correct work to be done and corresponding parts associated.

Proceed to Section B

Section B – De-energize the High Voltage System

- Open the battery tray compartment cover.
- Inspect the lower battery tray compartment <arrow> to verify there is no standing water/excess moisture present.



WARNING

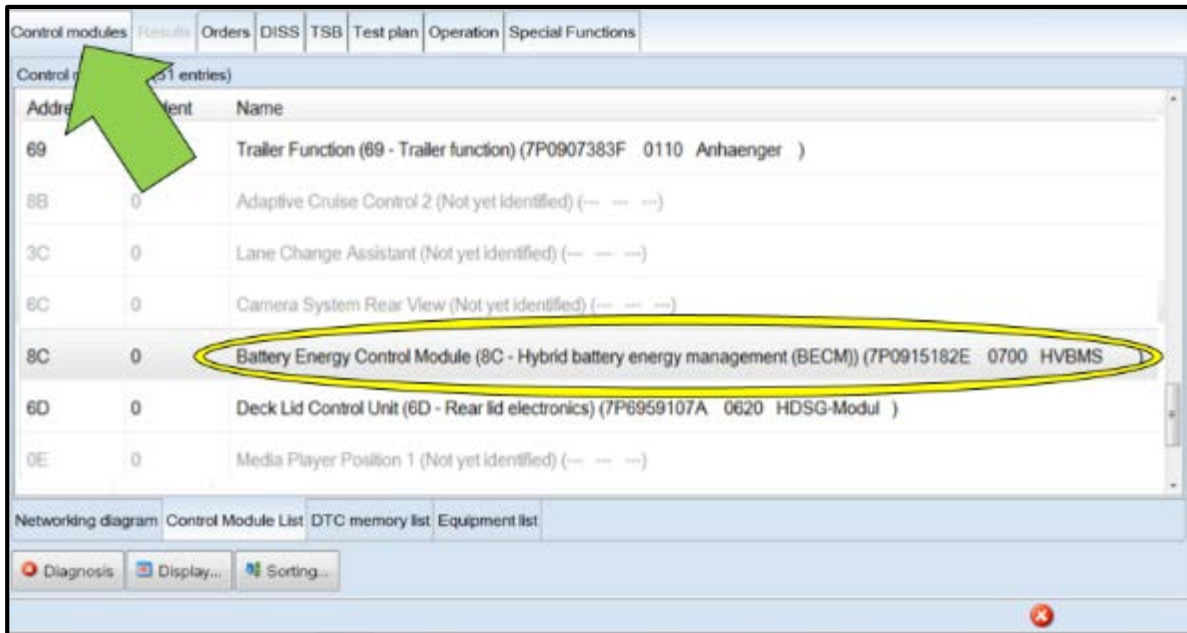
If standing water is present in the battery tray compartment **STOP ALL WORK**. Open a VTA case and contact the Volkswagen Technician’s Helpline for further assistance. A QTM will be dispatched to inspect the vehicle.

TIP

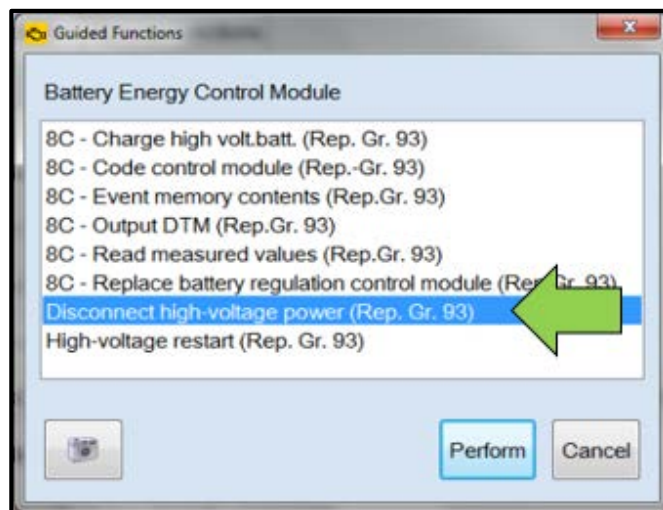
Due to the extensive nature of this repair, please read this work procedure in its entirety prior to beginning work on the vehicle.

WARNING

- This repair procedure **MUST** be performed by a High Voltage Technician.
- Risk of injury or death. Refer to “Warnings and Safety Precautions”, found in **Appendix A** at the end of this document.

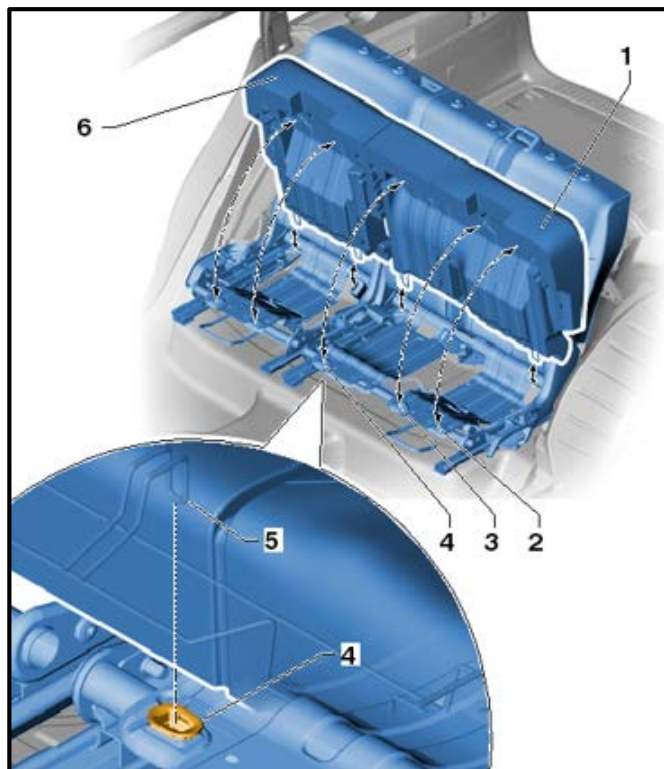


- Switch the ignition ON.
- Connect the VAS tester to the vehicle.
- Using ODIS, perform a complete GFF scan of the vehicle.
- From the “Control Module List” screen <arrow>, right click on the “Battery Energy Control Module (8C – Hybrid battery energy management (BECM))” <circle>.
- When the drop down list is displayed, select “Guided Functions”.



- From the “Guided Functions” list, select “Disconnect high-voltage power”, <arrow>.
- Follow the on-screen directions to complete the de-energization of the high voltage electrical system.
- Once the high voltage system is SAFE to work on according to the test plan, **proceed to Section C.**

Section C – High Voltage Battery Removal Prep

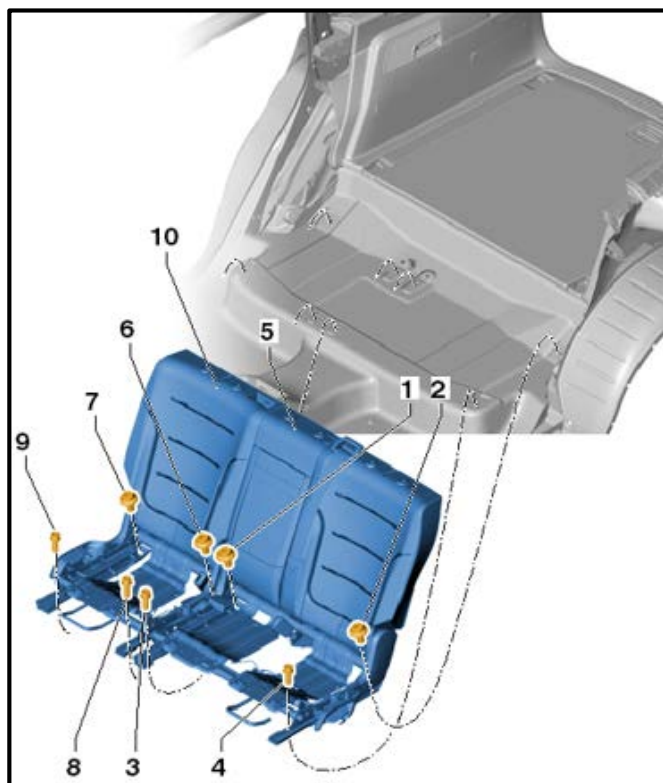


- Turn off the ignition.
- Move both rear bench seats as far back as possible.

⚠ WARNING

Risk of injury due to sharp-edged metal plates when removing the bench seats. Wear safety gloves.

- Use both hands to grasp in the area of the mounting grommet <4> under the 2/3 seat bottom <1>.
- Use both hands to pull the seat bottom abruptly and forcefully upward and pull the wire bracket <5> out of the mounting grommet <4>.
- Unclip the 2/3 seat bottom from the mounting grommets <2 and 3> as described.
- Fold the 2/3 seat bottom forward and disconnect any electrical connectors.
- Detach the back of the 2/3 seat bottom and remove it from the vehicle.
- Remove the 1/3 seat bottom <6> in the same manner.

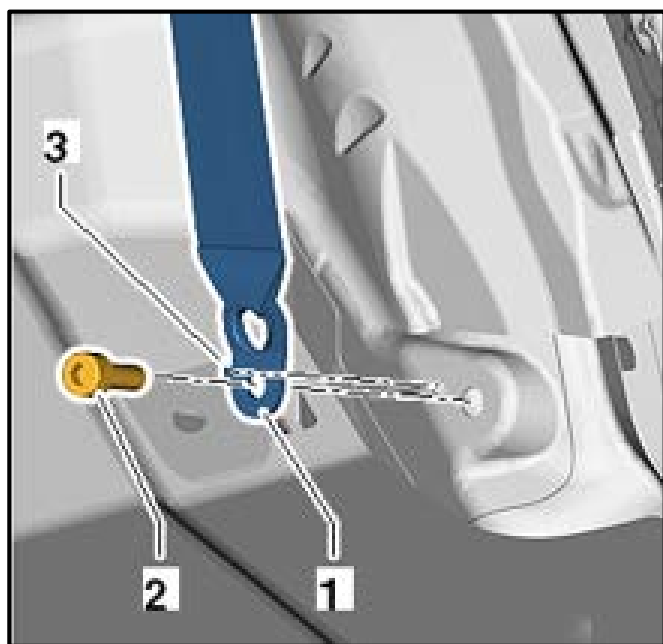


- Remove the mounting bolts <1 through 4> from the 2/3 rear seat <5>.
- Fold the backrest forward and remove the 2/3 rear seat from the vehicle.

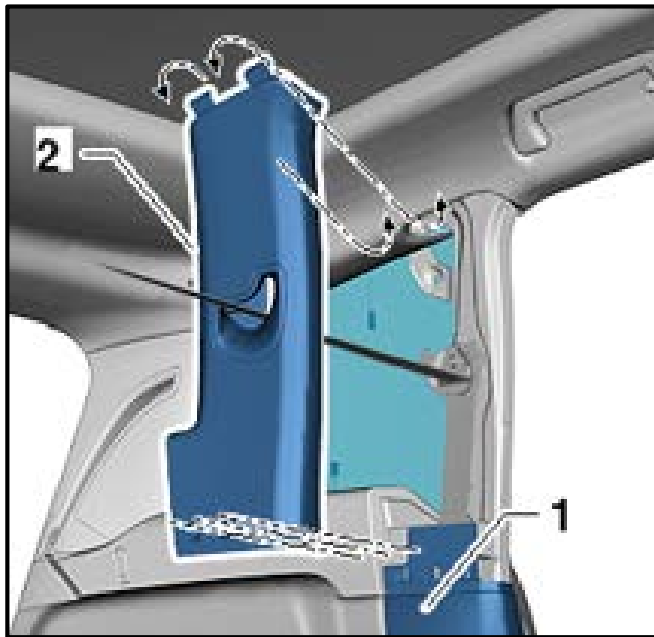
i TIP

Due to the weight and size of the rear seat sections, assistance from a second technician may be helpful in removing the seat.

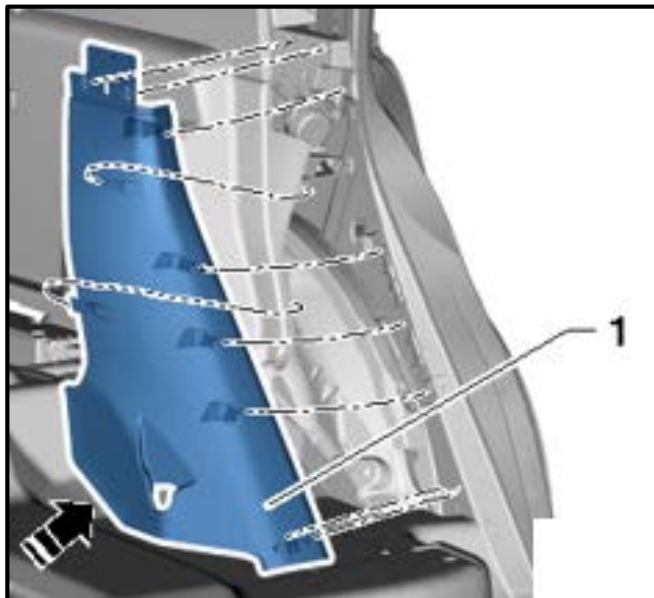
- Remove the mounting bolts <6 through 9> from the 1/3 rear seat <10>.
- Fold the backrest forward and carefully remove the 1/3 rear seat from the vehicle.



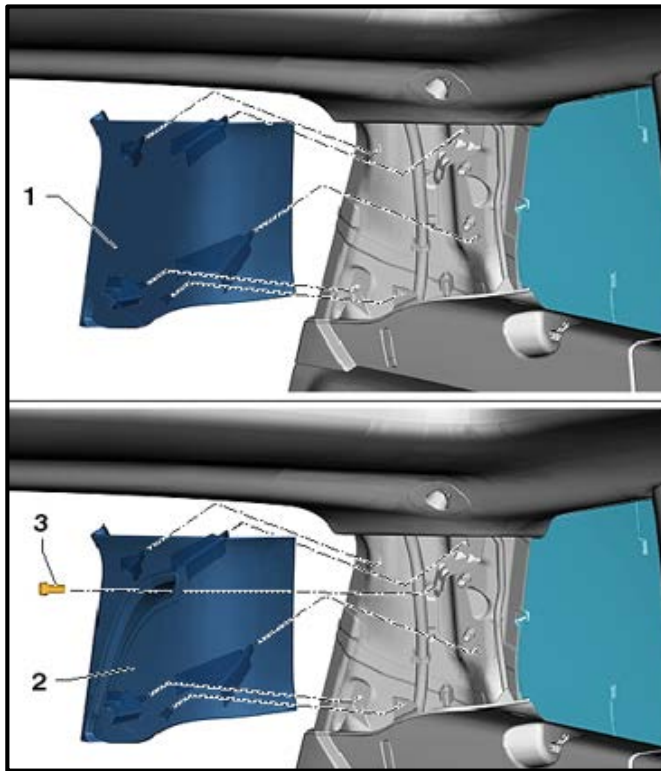
- Remove the mounting bolt <2> from the seatbelt anchor <1>.
- Remove the seatbelt anchor <1> and the anti-twist mechanism <3> from the body.
- Repeat these removal steps for the seatbelt on the opposite side.



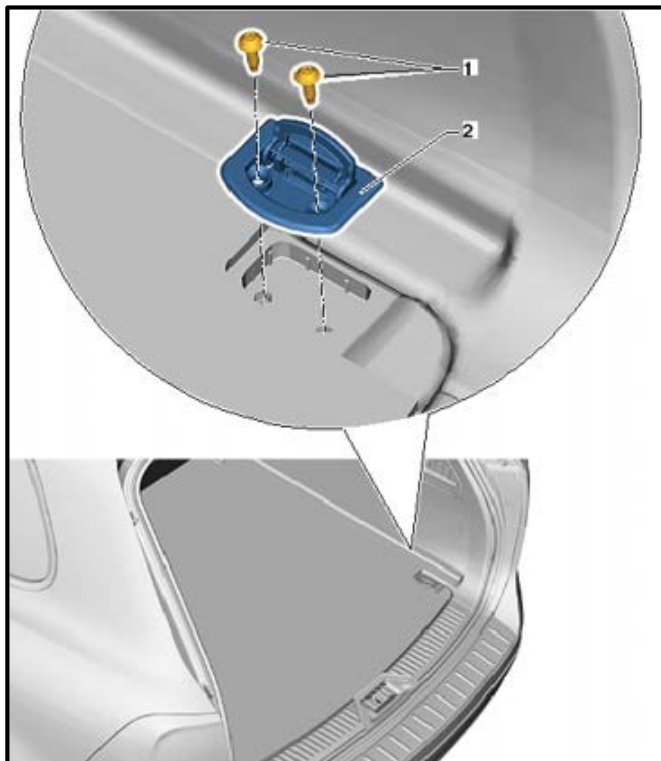
- Unclip the C-pillar trim <2> from the wheel housing trim <1>.
- Disengage the top of the C-pillar trim from the headliner.
- Remove the seatbelt through the seatbelt height adjuster cutout in the C-pillar trim.
- Remove the C-pillar trim from the vehicle.
- Repeat these removal steps for the C-pillar trim on the opposite side.



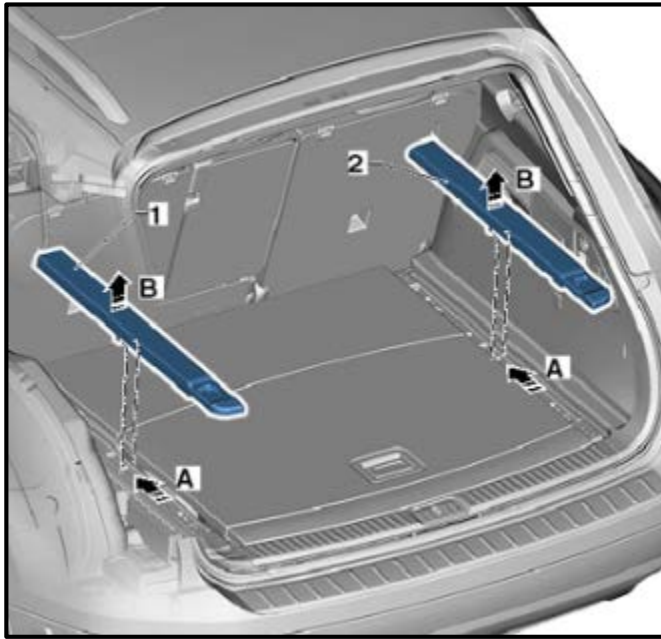
- Unclip and remove the wheel housing trim <1>.



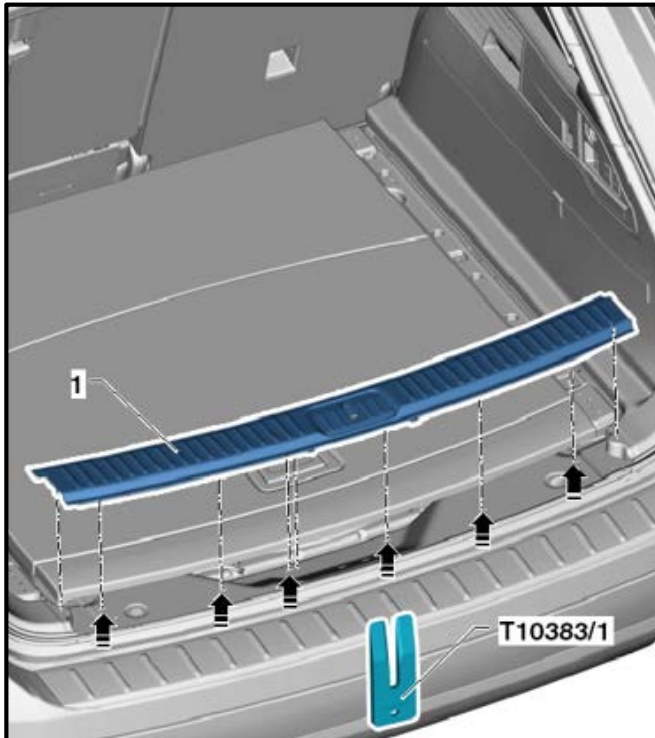
- If necessary, roll up and remove the luggage compartment cover.
- In vehicles with basic equipment, unclip and remove the D-pillar trim <1>.
- In vehicles with comfort equipment, remove the mounting bolt <3>, then unclip and remove the D-pillar trim <2>.



- Lift the tie down bracket <2> and remove the mounting screws <1>.
- Remove the tie down.
- Repeat these steps to remove the remaining three tie downs from the luggage compartment floor.



- Slide the supports <1 and 2> forward <direction of arrow A>.
- Remove the supports <direction of arrows B>.

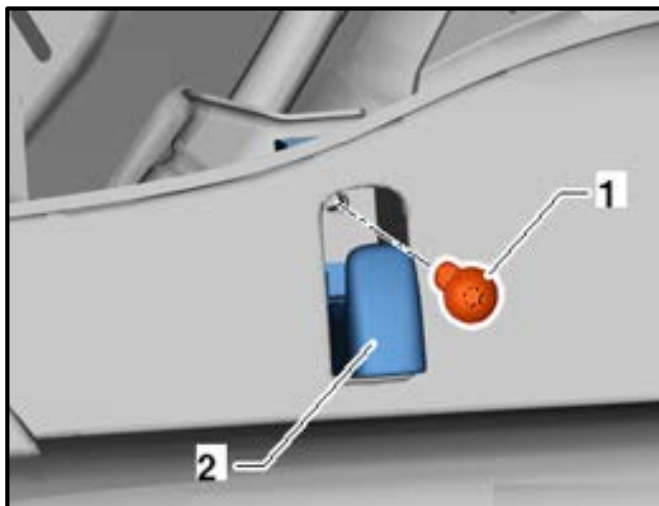


- Remove the spare wheel cover from the vehicle.
- Inspect the battery tray compartment to verify there is no standing water/excess moisture present.

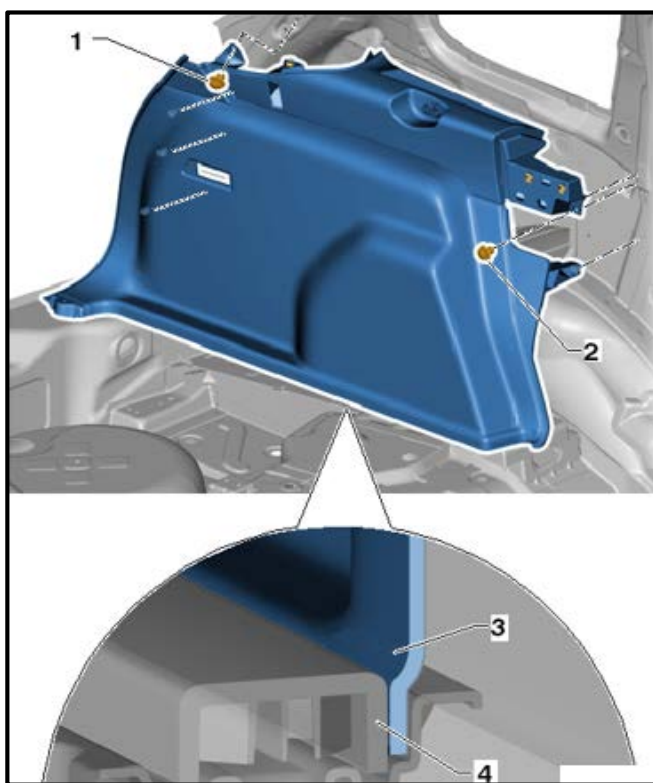
WARNING

If standing water is present in the battery tray compartment **STOP ALL WORK**. Open a VTA case and contact the Volkswagen Technician's Helpline for further assistance. A QTM will be dispatched to inspect the vehicle.

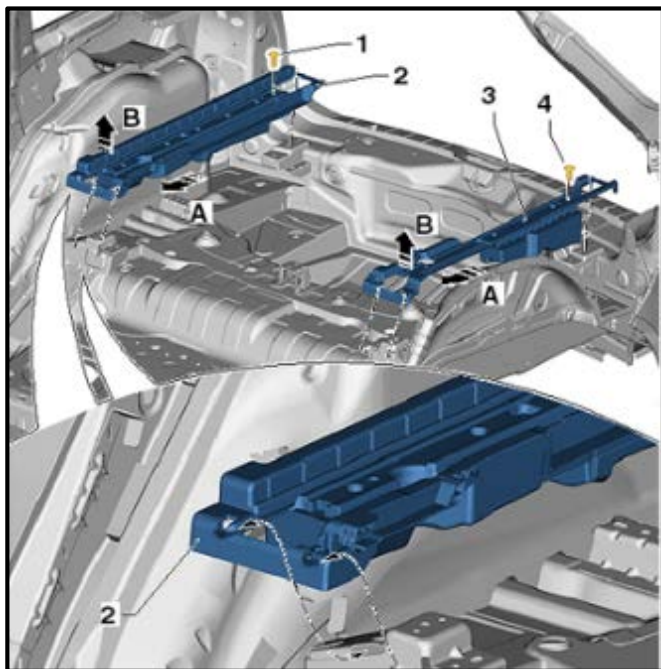
- Using the Wedge Set – Wedge 1 – T10383/1, release the clips <arrows> and remove the lock carrier <1> from the vehicle.



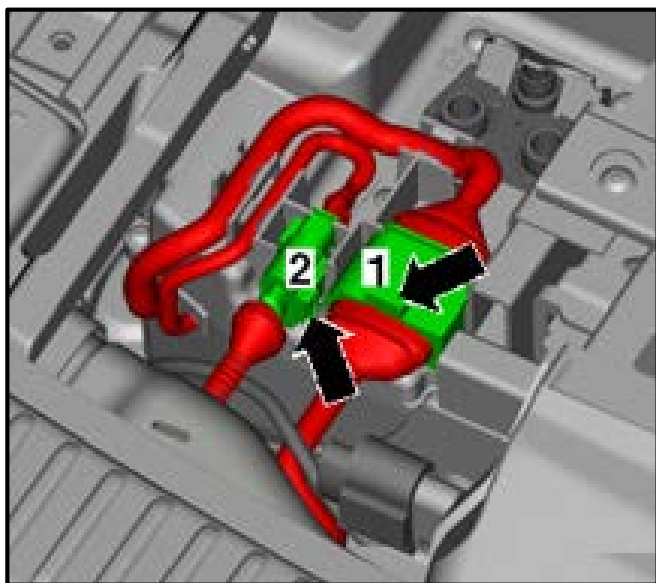
- Pull the coat hook <2> downward to expose the mounting screw <1>.
- Remove the mounting screw <1>.



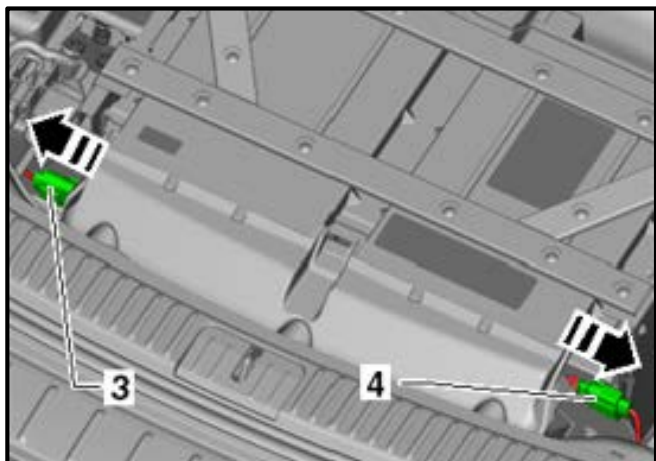
- Using a T15 torx driver, remove the expanding clips <1 and 2>.
- Carefully pull the luggage compartment trim panel toward the center of the vehicle.
- Pull the luggage compartment trim panel <3> upward and out of the side mount <4>.
- Disconnect any electrical connectors from the trim panel.
- Remove the luggage compartment trim panel from the vehicle.
- Repeat these steps to remove the luggage compartment trim on the opposite side.



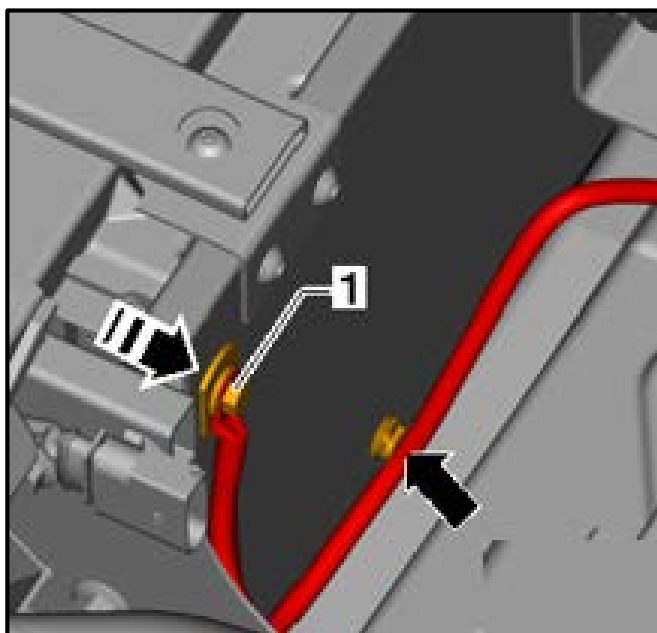
- Remove the mounting bolts <1 and 4>.
- Slide the supports <2 and 3> forward slightly <direction of arrows A>.
- Remove the supports from the vehicle <direction of arrows B>.



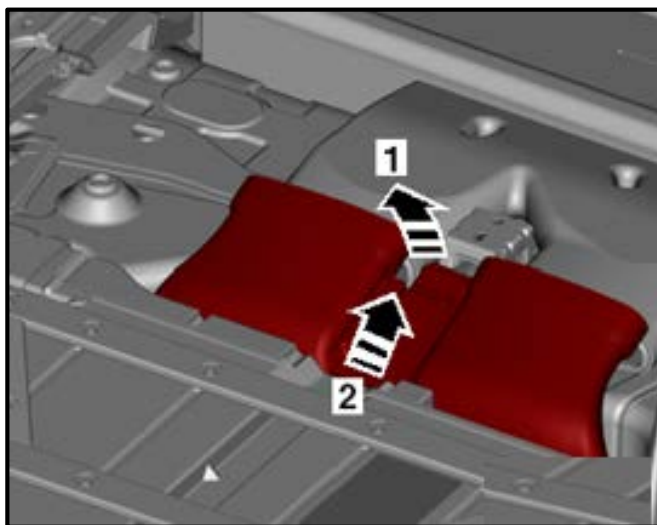
- Remove the tire mobility kit and vehicle tools from the luggage compartment.
- Release and disconnect the connectors <1 and 2> for the Battery Regulation Control Module J840.



- Release and disconnect the connectors <3 and 4> as shown <direction of arrows>.



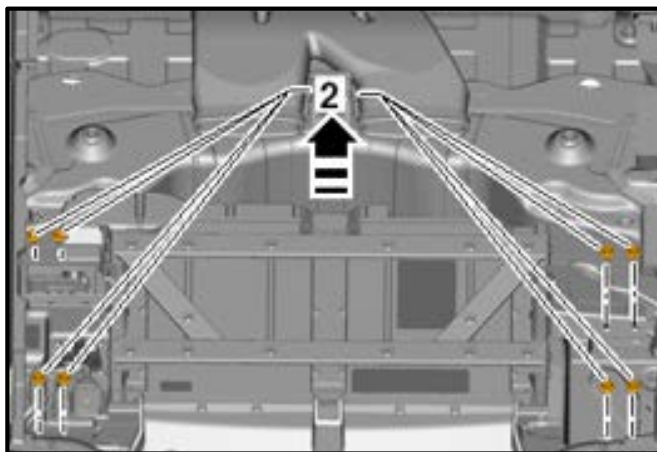
- Remove the mounting bolt <1> from the Hybrid Battery Unit AX1 and remove the potential equalization cable (ground cable) <direction of arrow>.
- Cut the cable tie <arrow> and reposition the ground cable to the side.



- Pull the air guide channel toward the battery and upward out of its retainer <1>.
- Lift the air guide channel and remove it from the mounts on the battery <2>.

NOTE

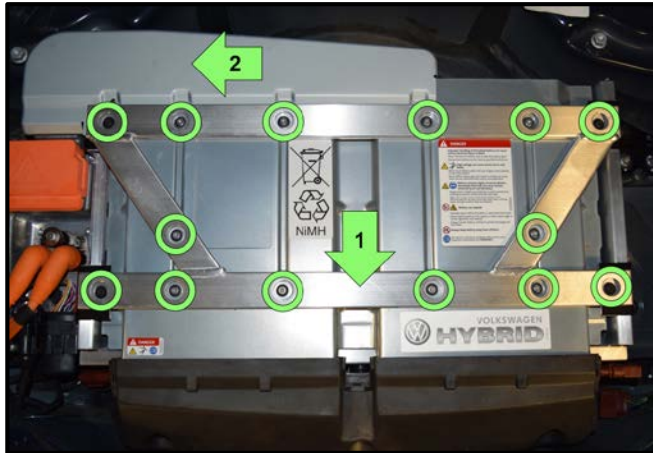
During removal or installation of the air supply duct, use caution not to damage the foam seals. The separating points must be completely sealed.



- Remove the eight mounting bolts <2> from the Hybrid Battery Unit AX1.

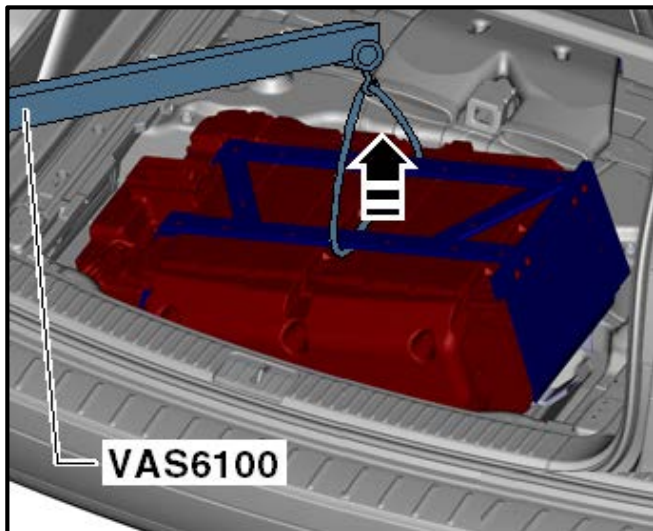
NOTE

Ensure that the hex head area of the mounting bolts <2> are clean and free of corrosion prior to removal. Failure to do so may cause damage to the bolts.

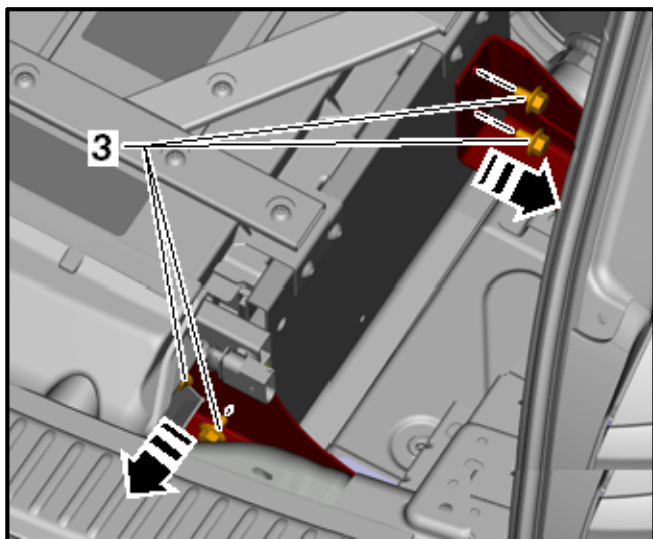


- If the battery is equipped with a heat shield <arrow 2>, perform the following steps. If no heat shield is present, **proceed to Section D.**
- Only if heat shield is present, remove the screws <circles> that retain the cage <arrow 1> to the battery.
- Lift the cage <arrow 1> and remove the heat shield <arrow 2> to create clearance for the T40155 – Retaining Strap.
- Realign the cage <arrow 1> to the battery, reinstall the screws <circles> that retain the cage <arrow 1> to the battery and torque to **8Nm.**

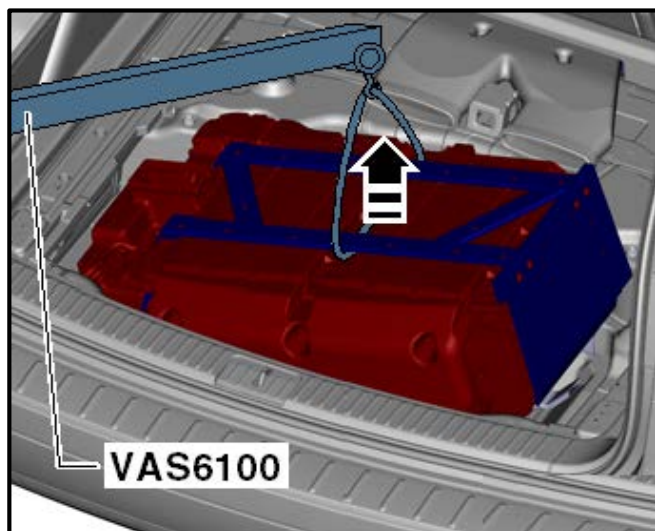
Section D – High Voltage Battery Removal



- Using the retaining strap T40155 and the Shop Crane VAS6100 (or equivalent), slightly lift the Hybrid Battery Unit (AX1) in the center as shown.



- Once the AX1 is raised slightly off the floor of the battery tray, remove the four mounting bolts <3> and remove the mounting brackets <direction of arrows>.



- Shift the AX1 slightly to the right, then lift it out of the vehicle <direction of arrow>.
- Place the AX1 in a clean, dry, level location.

TIP

- Due to the weight and size of the Hybrid Battery Unit (AX1), assistance from a second technician may be helpful to remove the AX1 from the vehicle.
- The left side of the AX1 will hang slightly lower than the right when suspended by the shop crane.

CAUTION

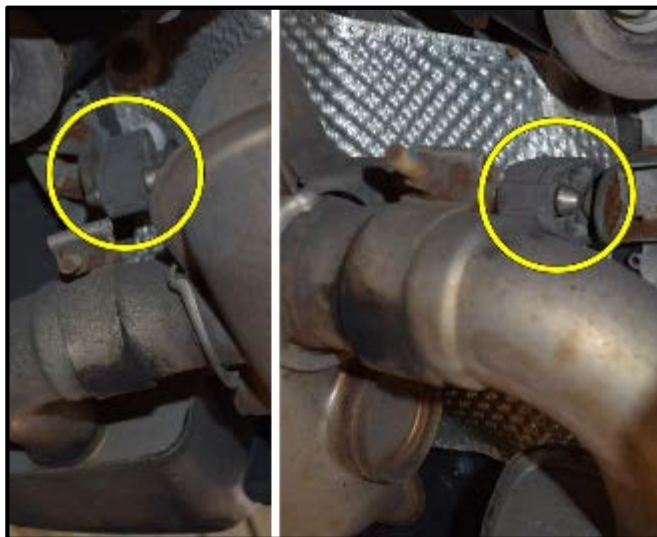
During the removal of the AX1, carefully monitor the clearance between the arm of the shop crane and the roof of the vehicle. Contact between the arm and the vehicle may result in vehicle damage. Damage caused by the shop crane is not covered under this action.

Section E – Battery Tray Drain Installation

- Raise the vehicle on an appropriate hoist.
- Loosen two rearmost exhaust system hangers <circles>.
- Lower the exhaust system and allow it to hang freely.

NOTE

The exhaust system hangers pictured here <circles> are located on each side of the rear muffler, directly above each tail pipe.





- Remove the mounting nuts <arrows> from the front edge of the exhaust heat shield.
- Place an appropriate wedge (i.e. wood block) above the heat shield to space it away from the floor pan of the vehicle.
- Lower the hoist.

NOTE

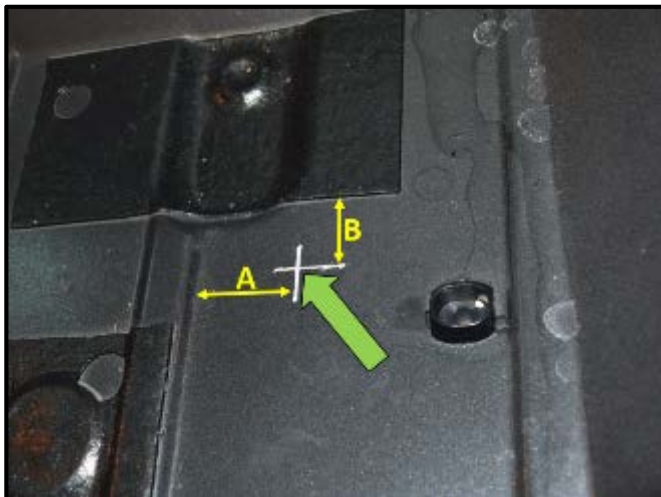
Not all fasteners for the rear of the exhaust heat shield are pictured here.



- In the following steps, a hole will be drilled on the right side of the battery tray floor where shown <arrow>.

NOTE

The hole must be measured and drilled EXACTLY where shown in the following step.



- Draw the lines as pictured using a paint pen (or equivalent).
 - Dimension A: 40.0mm
 - Dimension B: 30.0mm
- Using a stepped drill bit (or equivalent), drill a hole 25mm in diameter where the lines intersect <arrow>.

TIP

1.00 inch = 25.4mm



- Using an appropriate file or de-burring tool, clean any burrs or excess metal <arrows> from the outside edges of the hole.
- Clean any metal shavings or other debris from the battery tray area.
- Apply an appropriate primer/corrosion inhibitor (shop supply) to the exposed metal around the outside edges of the hole.
- Allow the primer to dry prior to proceeding to the next step.



- Raise the hoist.
- Install the drain valve, P/N: 7P0899073, from the underside of the vehicle as shown <arrow>.
- Verify the drain valve locks firmly into place and sits flush against the bottom of the battery tray floor.

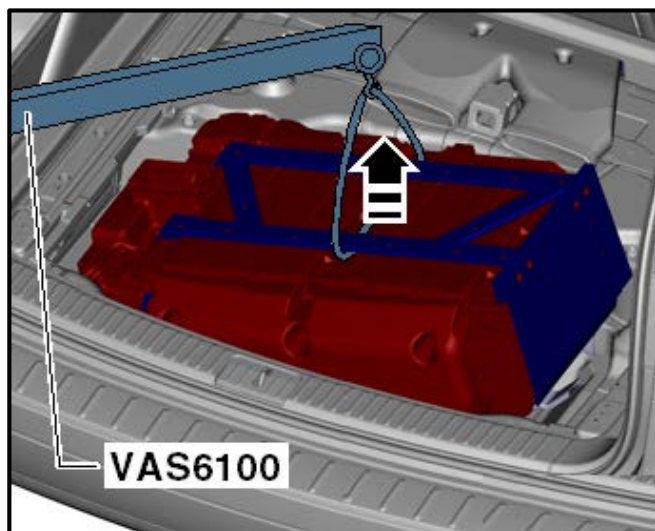
- Reposition the heat shield into place.
- Reinstall and gently tighten the mounting nuts.
- Refasten the rear exhaust hangers.
- Lower the hoist.

Proceed to Section F

Section F – Vehicle Reassembly

NOTE

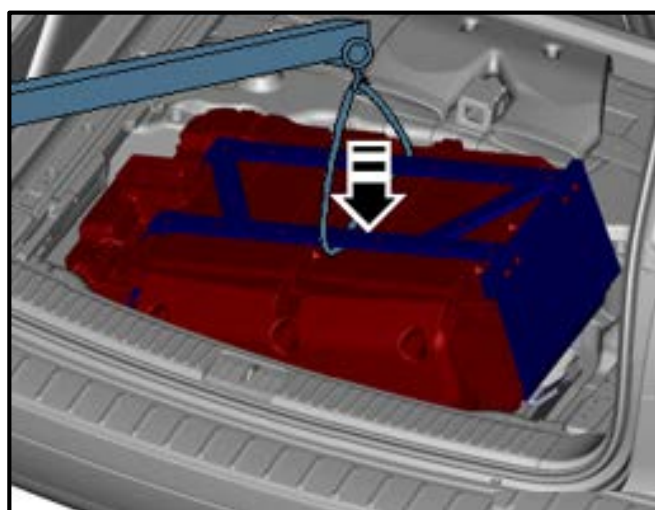
Use caution when reinstalling the Hybrid Battery Unit AX1. All surrounding wiring and connectors must be clear of the battery unit during installation.



- Using the retaining strap T40155 and the Shop Crane VAS6100 (or equivalent), lift the Hybrid Battery Unit (AX1) back into the vehicle and align it with the battery tray compartment.

i TIP

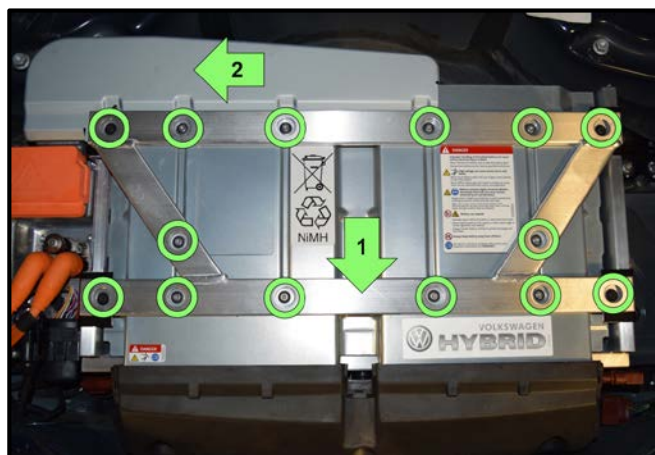
Due to the weight and size of the Hybrid Battery Unit (AX1), assistance from a second technician may be helpful to install the AX1 into the vehicle.



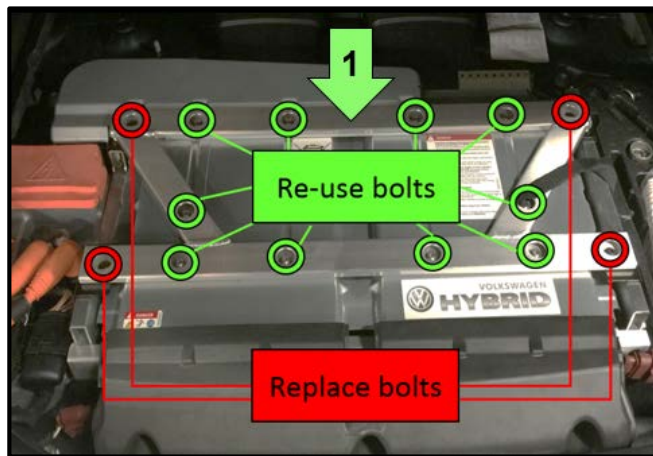
- Carefully lower the AX1 back into its mounting location as shown <direction of arrow>.

i TIP

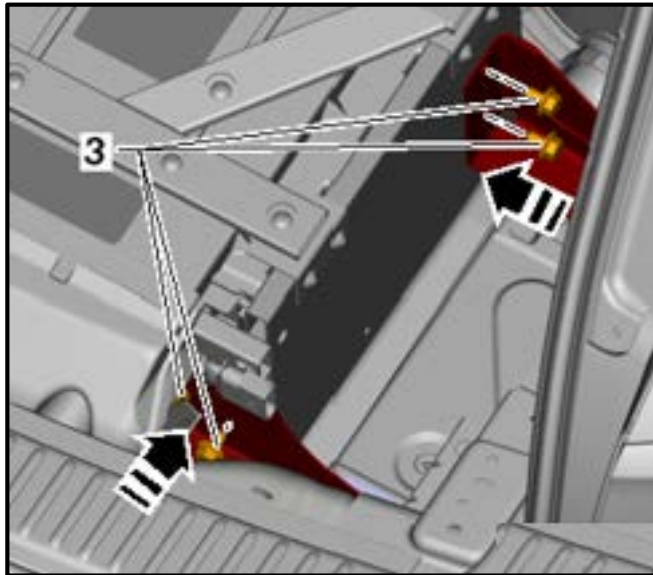
- The AX1 cannot be lowered directly into the battery tray compartment. During installation, the AX1 must be shifted slightly to the left just before it contacts the floor.
- During installation, do not fully lower the AX1 into its mounting position. Leave the right side of the AX1 suspended slightly above the floor and proceed to the next step.



- If the battery was originally equipped with a heat shield, perform the following steps to reinstall the shield. If no heat shield was originally present, proceed to Section G Remove all the screws <circles> that retain the cage <arrow 1> to the battery.
- Lift the cage <arrow 1> and reinstall the heat shield <arrow 2>.

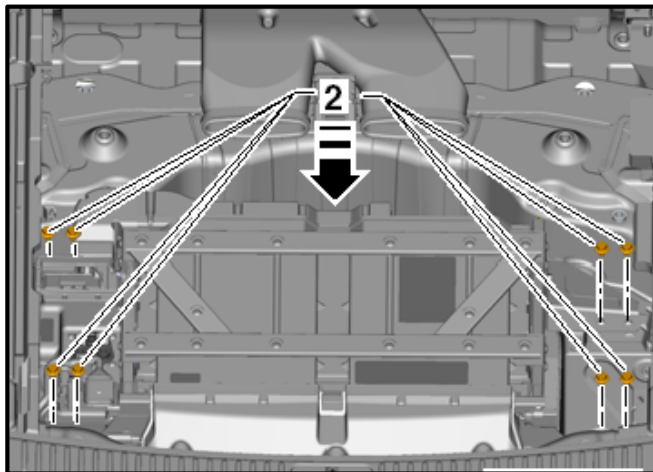


- Realign the cage <arrow 1> to the battery, reinstall the screws <green circles> that retain the cage <arrow 1> to the battery.
- Install 4 NEW bolts p/n (N 90780904) in the corner locations <red circles>.
- Torque all screws to **8Nm**.

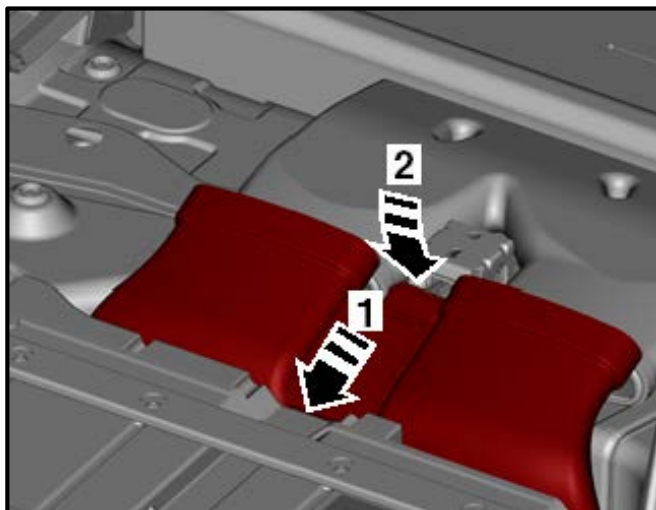


Section G – High Voltage Battery Installation

- Reinstall the mounting brackets onto the right side of the AX1 as shown <direction of arrows>.
- Reinstall the four mounting bolts <3> by hand – DO NOT torque the bolts at this time.



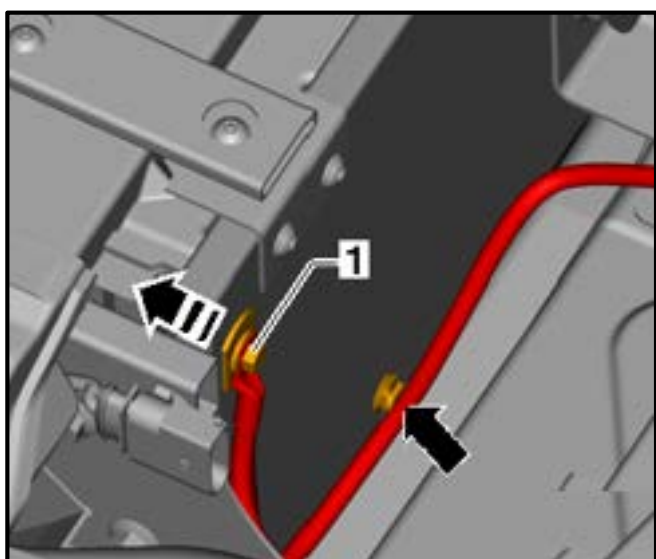
- Fully lower the AX1 into its installed position.
- Reinstall the eight mounting bolts <2> and torque to **23Nm**.
- Torque the previously installed mounting bracket bolts to **23Nm**.



- Reinstall the air supply duct into mounts on the AX1 as shown <1>.
- Fasten the air duct into the retainer as shown <2>.

NOTE

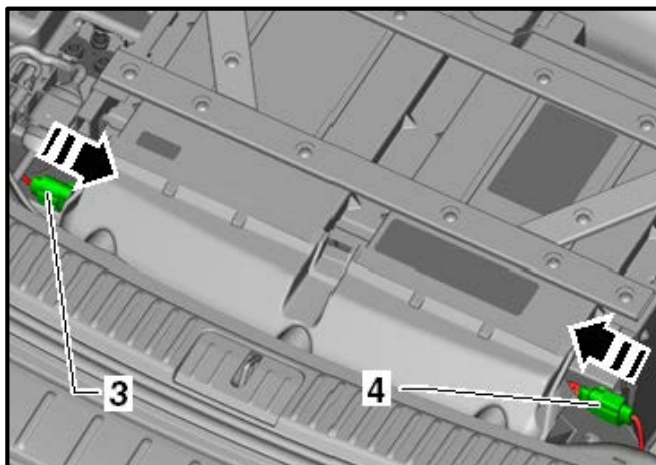
During removal or installation of the air supply duct, use caution not to damage the foam seals. The separating points must be completely sealed.



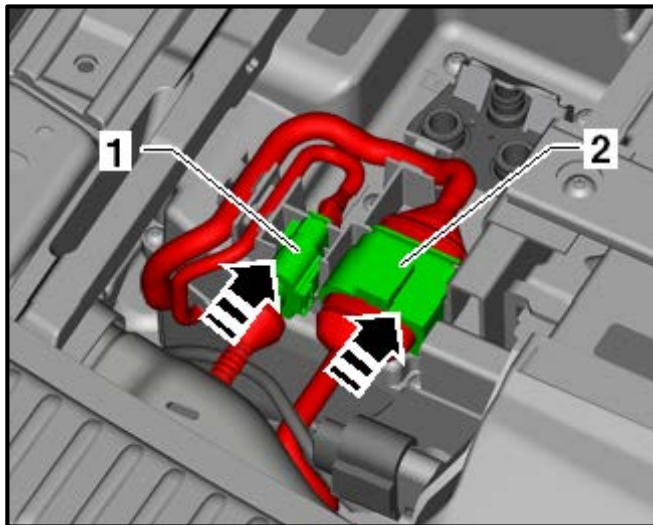
- Attach the ground cable to the AX1 as shown <direction of arrow>.
- Install the mounting bolt <1> and torque to **9Nm**.
- Refasten the ground cable to the retainer <arrow> using a cable tie (shop supply).

NOTE

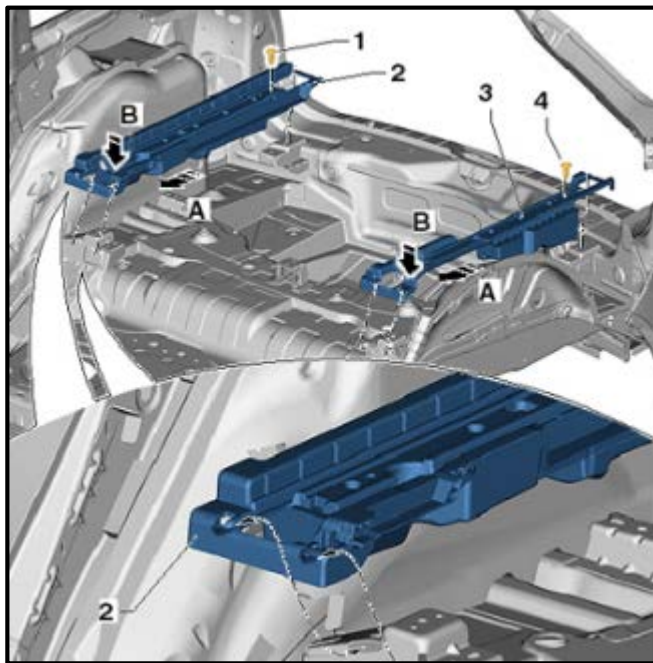
Inspect the contact surfaces on both the ground cable, and its mounting location on the AX1. The contact surfaces **MUST** be free of any grease or corrosion. Clean as necessary.



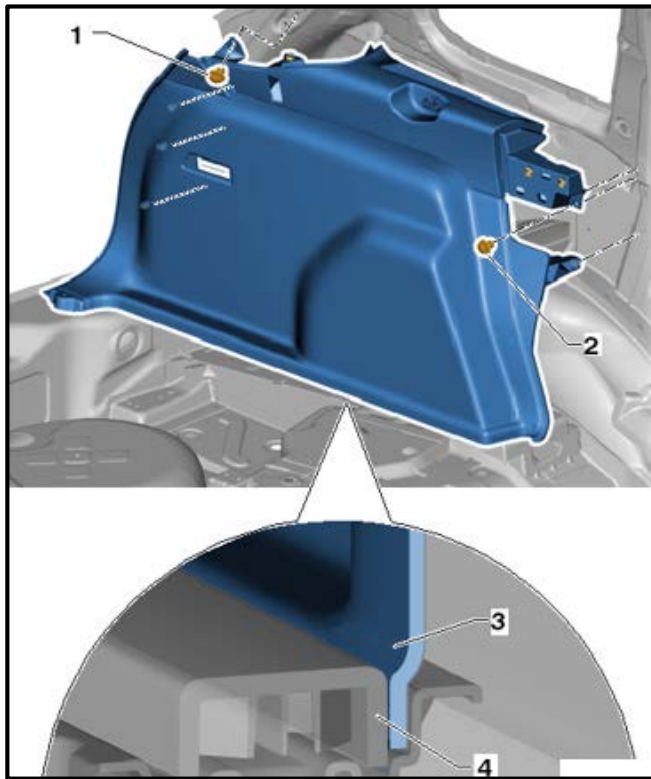
- Reconnect the electrical connectors <3 and 4>.



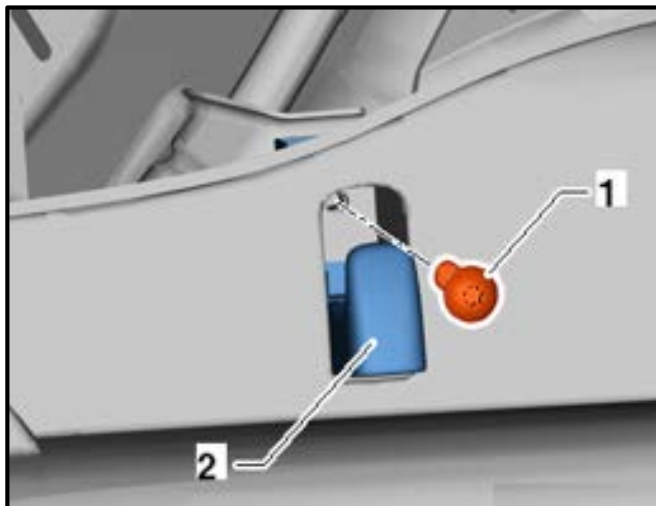
- Reconnect the electrical connectors <1 and 2> as shown <direction of arrows>.
- Refasten the connectors <1 and 2> to the AX1 mount by pressing the wires into the wire holder.
- Reinstall the tire mobility kit and vehicle tools.



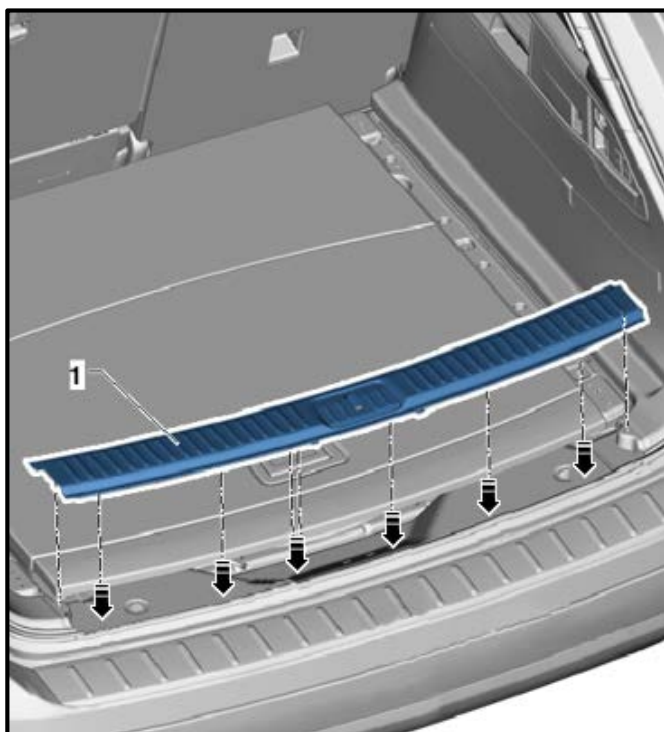
- Reinstall the supports .
- Reinstall the mounting bolts <1 and 4> and torque to **8Nm**.



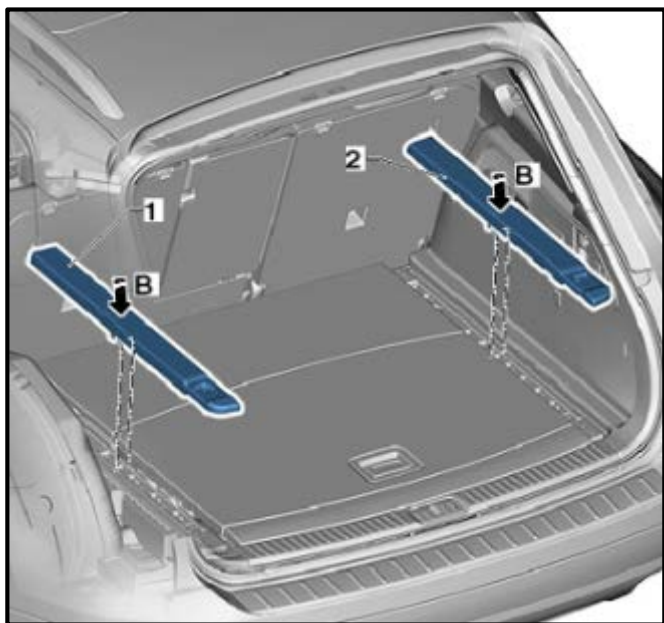
- Reconnect any electrical connectors to the trim panel.
- Reengage the luggage compartment trim panel <3> into the side mount <4>.
- Press the luggage compartment trim panel into place against the wall of the vehicle.
- Using a T15 torx driver, reinstall the expanding clips <1 and 2>.
- Repeat the luggage compartment trim installation steps on the opposite side of the vehicle.



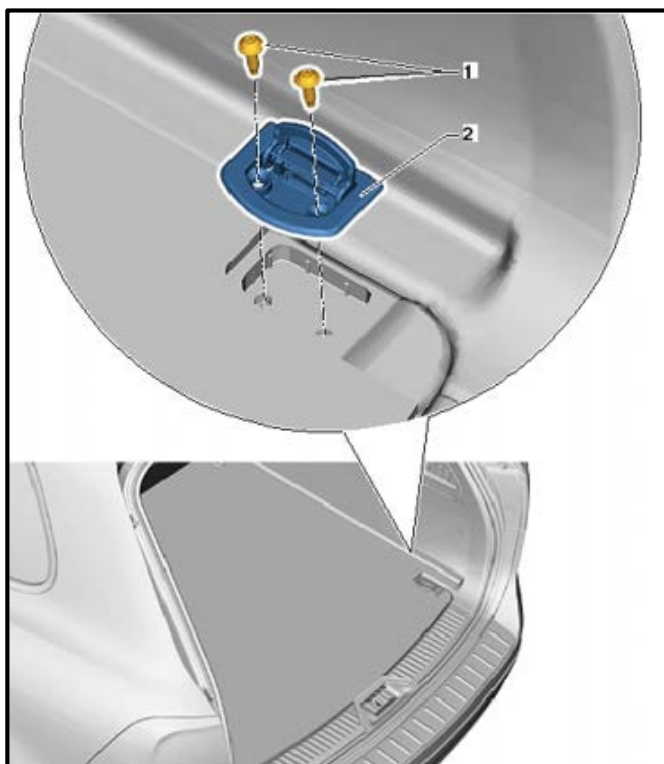
- Pull the coat hook <2> downward to expose the mounting screw location <1>.
- Reinstall the mounting screw <1> and torque to **4.5Nm**.



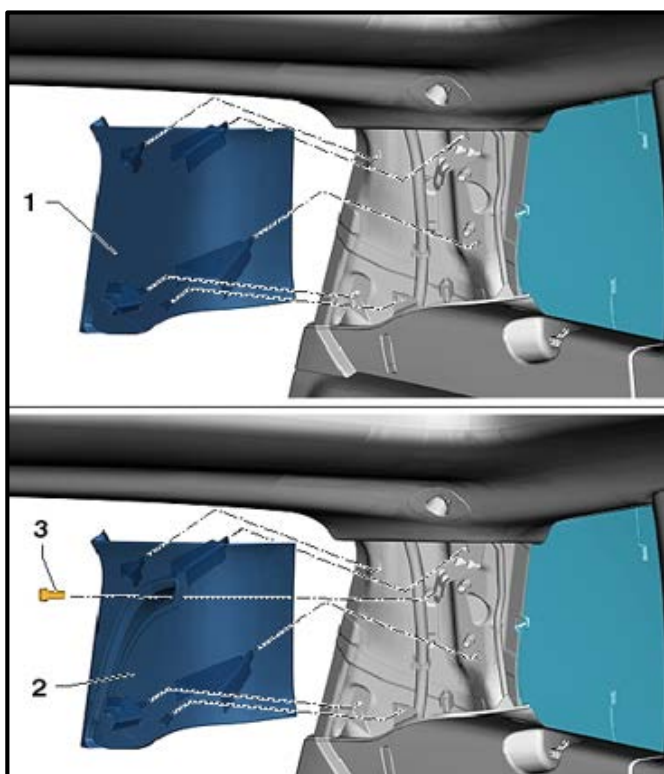
- Reinstall the lock carrier <1> and fasten the retaining tabs <arrows>.
- Reinstall the spare wheel cover.



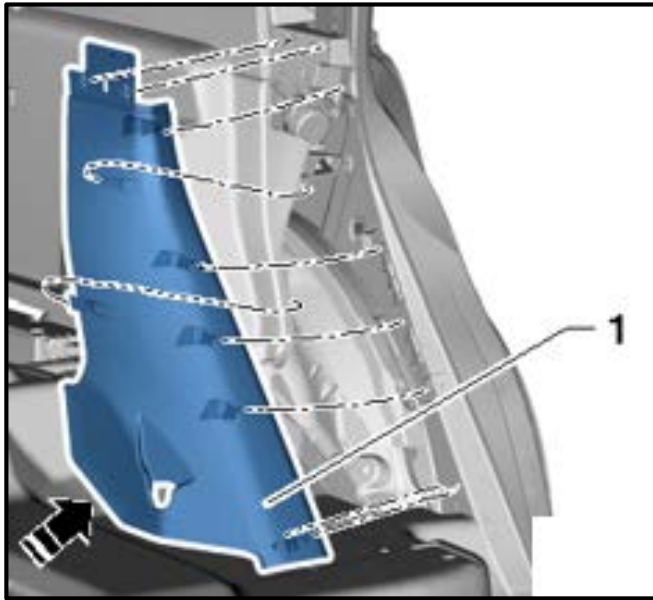
- Slide the supports <1 and 2> rearward and into position.
- Reinstall the supports .



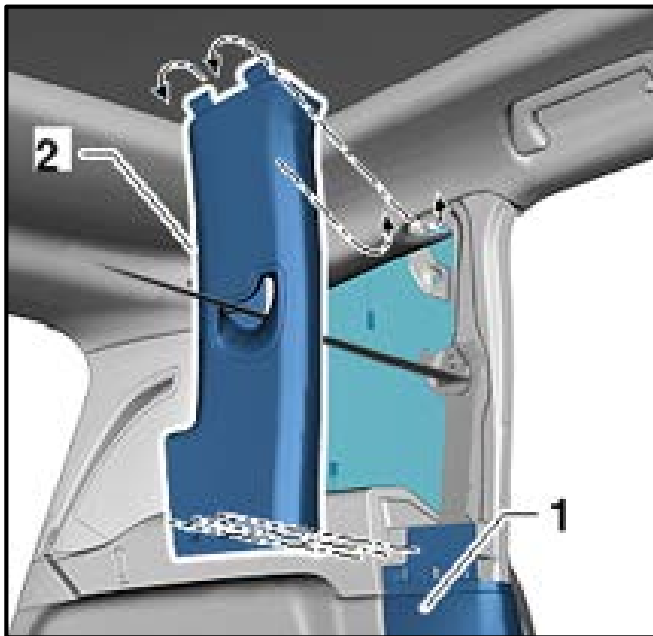
- Reinstall the tie down.
- Lift the tie down bracket <2>, reinstall the mounting screws <1>, and torque to **8Nm**.
- Repeat these steps to reinstall the remaining three tie downs into the luggage compartment floor.



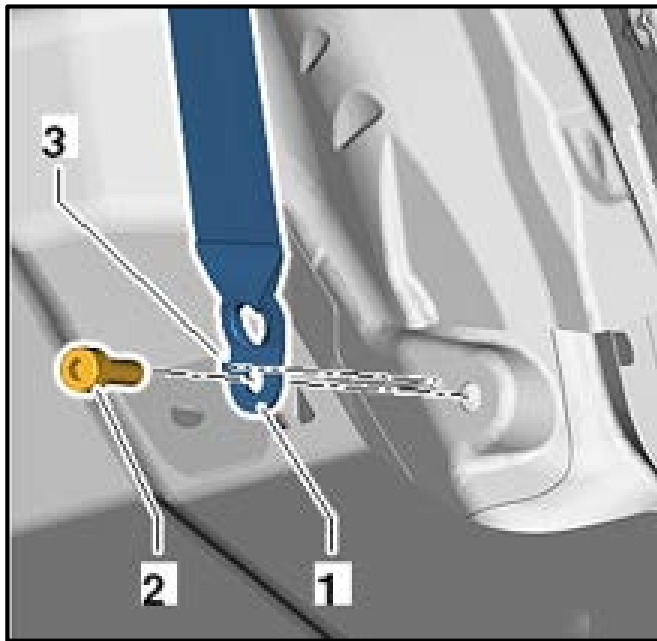
- Reinstall the D-pillar trim <1 or 2>.
- Reinstall the mounting bolt <3> (if equipped), and torque to **3Nm**.
- Repeat the D-pillar trim installation steps on the opposite side of the vehicle.
- If required, reinstall the luggage compartment cover.



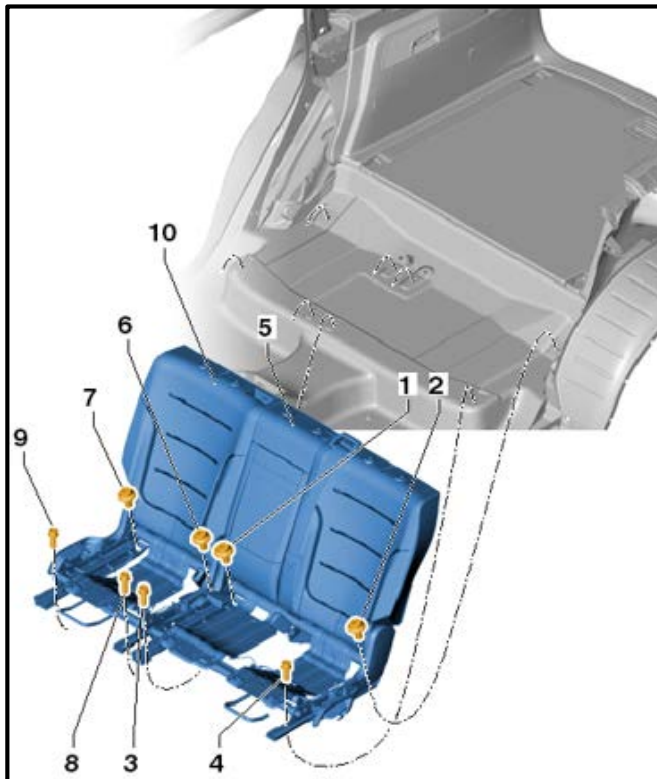
- Reinstall the wheel housing trim <1>.
- Repeat the wheel housing trim installation on the opposite side of the vehicle.



- Reinsert the seatbelt through the seatbelt height adjuster cutout in the C-pillar trim.
- Reinstall the C-pillar trim <2> into the headliner <arrows> and the wheel housing trim <1>.
- Repeat the C-pillar trim installation steps on the opposite side of the vehicle.



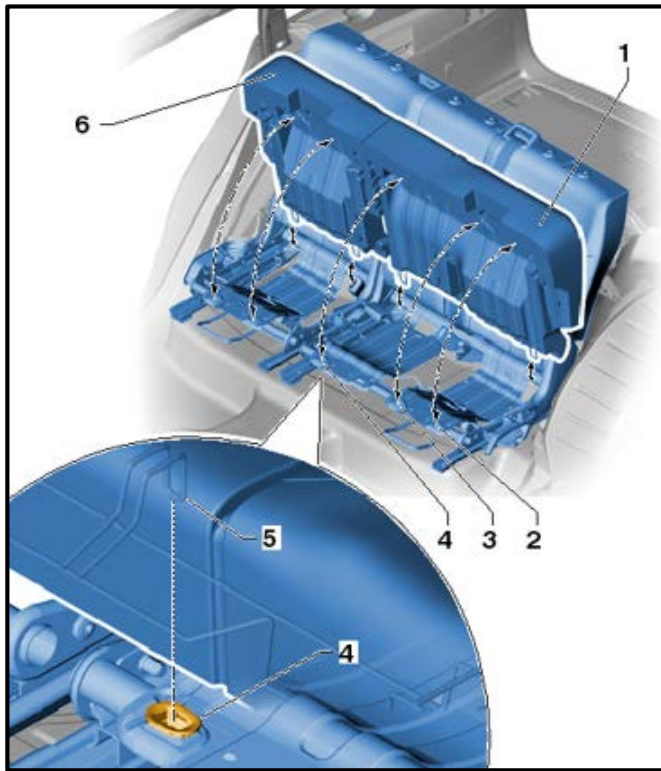
- Reinstall the seatbelt anchor <1> and the anti-twist mechanism <3> against the body.
- Reinstall the mounting bolt <2> and torque to **50Nm**.
- Repeat the seatbelt installation steps on the opposite side of the vehicle.



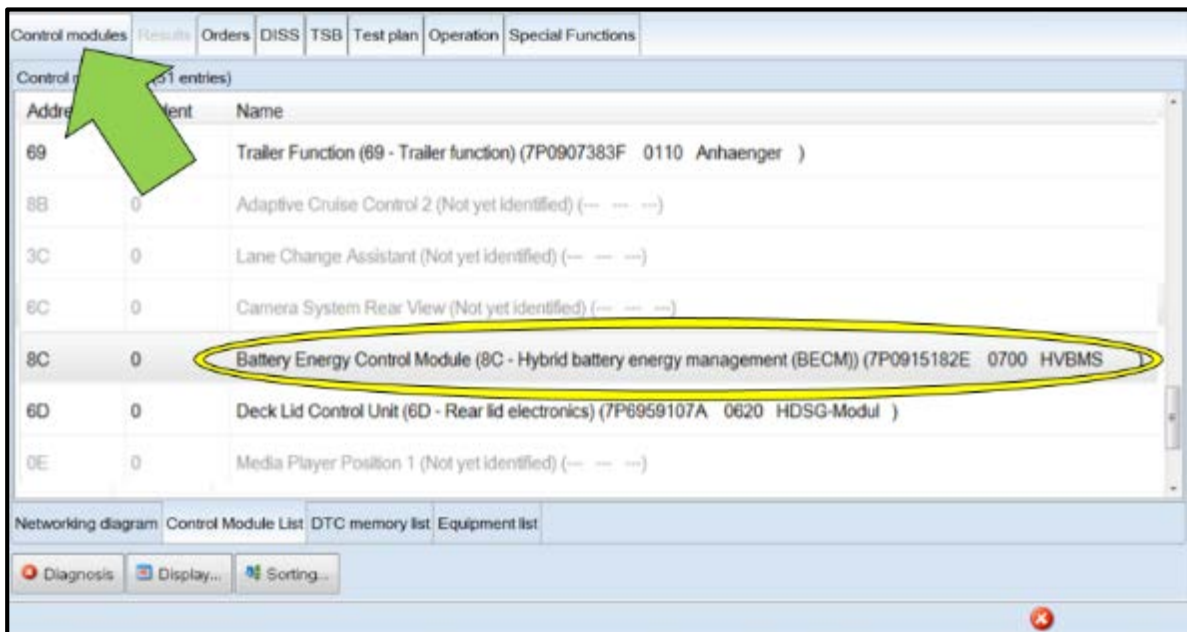
i TIP

Due to the weight and size of the rear seat sections, assistance from a second technician may be helpful while installing the seat.

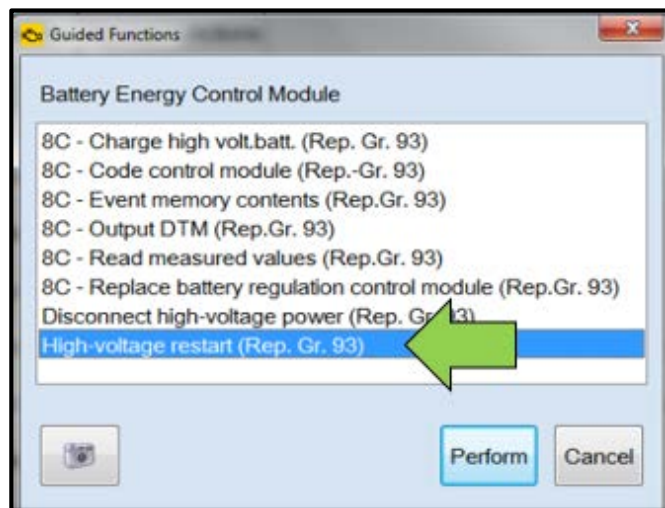
- Lift the 2/3 section <5> into the vehicle.
- Install the mounting bolts <3 and 4> by hand.
- Install the mounting bolts <1 and 2> and torque to **50±7.5Nm**.
- Torque the mounting bolts <3 and 4> to **50±7.5Nm**.
- Lift the 1/3 seat <10> into the vehicle.
- Install the mounting bolts <8 and 9> by hand.
- Install the mounting bolts <6 and 7> and torque to **50±7.5Nm**.
- Torque the mounting bolts <8 and 9> to **50±7.5Nm**.
- Reconnect any electrical connectors that were removed during removal of the rear seat.



- Reinstall the 2/3 seat bottom <1> by pressing the wire bracket <6> into the mounting grommets <4>.
- Reinstall the 1/3 seat bottom <6> by pressing the wire bracket <5> into the mounting grommets <4>.



- Switch the ignition ON.
- If necessary, perform a complete GFF scan of the vehicle.
- From the "Control Module List" screen <arrow>, right click on the "Battery Energy Control Module (8C – Hybrid battery energy management (BECM))" <circle>.
- When the drop down list is displayed, select "Guided Functions".



- From the “Guided Functions” list, select “High-voltage restart”, <arrow>.
- Follow the on-screen directions to complete the re-energization of the high voltage electrical system.
- Once the high voltage system is reactivated successfully, **Proceed to Section H.**

Section H – Campaign Completion Label

Install Campaign Completion Label

- Open the hood.
- Fill out and affix Campaign Completion Label, part number CAMP 010 000, next to the vehicle emission control information label.

i TIP

Ensure Campaign Completion Label does not cover any existing label(s).

- Close the hood.

ALL WORK IS COMPLETE

Appendix A – Warnings and Safety Precautions

WARNING

Read and follow the information below when disabling the high voltage system to reduce the risk of fatal injury:

- Individuals performing this task could receive an electrical shock.
- An electrical shock can result in death.
- Only a qualified technician (high voltage technician) should disable the high voltage electrical system.
- The high voltage technician makes sure the system is disabled and cannot turn on again.
- The high voltage technician makes sure the system cannot turn on again by safekeeping the key, the service plug, and the pilot line cable.
- The high voltage technician puts a sign on the vehicle saying the voltage is disabled.
- All work on vehicles with a high voltage electrical system (for example, maintenance, changing a tire, working in the convenience systems electronics) may only be performed by technicians who are specially trained in electrical systems. If there is any uncertainty, discuss with the responsible high voltage technician.
- A high voltage technician must disable the system before any work can be performed on the high voltage electrical system or any other service work to the body.
- Only a High Voltage Expert (HVE) may perform repairs to the vehicle if it is not possible to disable the high voltage electrical system.
- Individuals with electrical medical equipment must not work on vehicles with a high voltage electrical system. Examples of electrical medical equipment include pain medication pumps, implanted heart defibrillators, pacemakers, insulin pumps and hearing aids.

WARNING

Working with high voltage cables:

- Do not support yourself or lay tools on the high voltage cable or on any of its components.
- When working near high voltage components and high voltage cables, do not use tools that generate heat, that have sharp edges or that are used for cutting or shaping, such as welding, soldering, hot air or thermal adhesive equipment.
- When working near high voltage components and high voltage cables, do not use tools that generate heat such as welding, soldering, hot air or thermal adhesive equipment.
- Do not excessively bend or flex high voltage cables.
- Always contact a high voltage technician if there are questions or if something is not clearly understood.

NOTE

- Check the contact surfaces on the potential equalization cables before installation.
- The contact surfaces must be clean. There must be no rust or grease on them.