

Safety Recall

Code: 74D5



Subject Passenger Occupant Detection System (PODS)

Release Date November 20, 2018

Affected Vehicles

Country	Model Years	Models
USA	2012 - 2018	A6 and A7
	2013 - 2018	S6 and S7
	2014 - 2018	RS7
CAN	2016 - 2018	A6, A7, S6, S7 and RS7

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 only valid campaign inquiry & verification source.

- ✓ 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 Passenger Occupant Detection System (PODS) can malfunction due to stress/wear factors affecting an internal connector or contact resistance increase at body-sensing mat in the seat. In this situation, a front passenger seat occupant risks injury in a crash because a malfunctioning PODS may not make the correct airbag deployment decision for the type of occupant seated there.

Corrective Action

Install a PODS repair kit.

Precautions

Should a malfunction occur, vehicle occupants will be alerted of a PODS problem by illumination of the airbag monitoring light and by the status of the Passenger Airbag OFF indicator light. In this situation, a front passenger seat occupant risks injury in a crash because a malfunctioning PODS may not make the correct airbag deployment decision for the type of occupant seated there.

Parts Information

United States Dealers

Part availability is expected to remain very limited for the parts in the table below. It is very critical that each dealership manages the parts that are allocated every week.

Part Number	Description
4G8 898 522 AM	PODS Kit
4G0 898 522 AE	PODS Kit
4G8 898 522 AL	PODS Kit

- Parts allocations will occur once a week for the part numbers below with planned delivery on Fridays. Allocation requests for additional parts will not be accepted.
- The Parts on Command Upper Order Limits "Allocation Quantity per week" field is being leveraged to identify your dealership's maximum potential weekly allocation quantity (see screen shot below as an example). Please utilize the quantity in this field to schedule customers accordingly.

Division	Drop Ship	CHAT NOW	TEXT NOW
Audi	No		
Dealer Price	Suggested Retail Price		
\$546.00	\$910.00		
Upper Order Limits	Blocks		
Yes	Permanent Referral Block		
Allocation Quantity per week			
5			
Returnable	Package UOM		
Yes	1		

- Warranty claims will be monitored to ensure each dealership is utilizing their weekly allocation of parts. If claims are not entered in a timely manner, your dealership's weekly allocations may be lowered.

For the part numbers referenced in the table below the normal Upper Order Limit process will be used. Your dealership will be able to place orders as needed for these part numbers.

Part Number	Description
4G0 898 522 AF	PODS Kit
N 015 261 2	Upholstery Clip
N 020 902 2	Zip Tie
N 106 622 01	Zip Tie

Canada Dealers

For the part numbers referenced in the table below the normal Upper Order Limit process will be used. Your dealership will be able to place orders as needed for these part numbers.

Part Number	Description
4G0 898 522 AF	PODS Kit
4G8 898 522 AM	PODS Kit
4G0 898 522 AE	PODS Kit
4G8 898 522 AL	PODS Kit
N 015 261 2	Upholstery Clip
N 020 902 2	Zip Tie
N 106 622 01	Zip Tie

Code Visibility

On or about November 20, 2018, affected vehicles will be listed on the Inventory Vehicle Open Campaign Action report under My Dealership Reports (found on www.accessaudi.com & OMD Web). A list will not be posted for dealers who do not have any affected vehicles.

On or about November 20, 2018, this campaign code will show open on affected vehicles in Elsa.

On or about November 20, 2018, affected vehicles will be identified with this campaign code in the VIN Lookup tool at www.audiusa.com and on the NHTSA VIN lookup tool at www.safercar.gov.

Owner Notification

Owner notification will take place in November 2018. Owner letter examples are included in this bulletin for your reference.

Additional Information

Please alert everyone in your dealership about this action, including Sales, Service, Parts and Accounting personnel. Contact Warranty if you have any questions.

IMPORTANT REMINDER ON VEHICLES AFFECTED BY SAFETY & COMPLIANCE RECALLS

New Vehicles in Dealer Inventory: 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.

Pre-Owned Vehicles in Dealer Inventory: 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.

Dealers must ensure that every affected inventory vehicle has this campaign completed before delivery to consumers.

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 the request through Audi Warranty Online under the Campaigns/Update option.
- ✓ Canada dealers: Upload the repair order [signed by customer] to Audi WIN/Operations/Campaign Closure.

Service Number	74D5															
Damage Code	0099															
Parts Vendor Code	002															
Claim Type	Sold vehicle: 7 10 Unsold vehicle: 7 90															
Causal Indicator	Mark PODS Kit* as causal part															
Vehicle Wash/Loaner	Do not claim wash/loaner under this action															
Criteria I.D.	01															
	Install new PODS kit, program PODS ECU, perform GFF documentation test plan Labor operation: 6956 55 99 200 T.U. <table border="1"><thead><tr><th>Quantity</th><th>Part Number</th><th>Description</th></tr></thead><tbody><tr><td>1.00</td><td>4G8898522AM</td><td>PODS Kit*</td></tr><tr><td>Up to 20.00</td><td>N 0152612</td><td>Upholstery Clip</td></tr><tr><td>2.00</td><td>N 0209022</td><td>Tie Wrap</td></tr><tr><td>1.00</td><td>N 10662201</td><td>Tie Wrap</td></tr></tbody></table>	Quantity	Part Number	Description	1.00	4G8898522AM	PODS Kit*	Up to 20.00	N 0152612	Upholstery Clip	2.00	N 0209022	Tie Wrap	1.00	N 10662201	Tie Wrap
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Criteria I.D.	02															
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Continued on next page.

Customer Letter Example (USA)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <VIN>

NHTSA: 18V370

**Subject: Safety Recall 74D5 - Passenger Occupant Detection System (PODS)
Certain 2012-2018 Model Year Audi Vehicles**

Dear Audi Owner,

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. Audi has decided that a defect, which relates to motor vehicle safety, exists in certain 2012-2018 model year Audi vehicles. Our records show that you are the owner of a vehicle affected by this action.

- What is the issue?** The Passenger Occupant Detection System (PODS) can malfunction due to stress/wear factors affecting an internal connector or contact resistance increase at body-sensing mat in the seat. In this situation, a front passenger seat occupant risks injury in a crash because a malfunctioning PODS may not make the correct airbag deployment decision for the type of occupant seated there.
- What will we do?** To correct this defect, your authorized Audi dealer will install a PODS repair kit. This work will take about two hours to complete and will be performed for you free of charge. 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.
- What should you do?** Please contact your authorized Audi dealer without delay to schedule this recall repair. For your convenience, you can also visit www.audiusa.com and click on the "Find a Dealer" link to locate a dealer near you and schedule this service.
- Precautions you should take** Should a malfunction occur, vehicle occupants will be alerted of a PODS problem by illumination of the airbag monitoring light and by the status of the Passenger Airbag OFF indicator light. In this situation, a front passenger seat occupant risks injury in a crash because a malfunctioning PODS may not make the correct airbag deployment decision for the type of occupant seated there.
- 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, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.
- Can we assist you further?** If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, please contact Audi Customer Experience at 1-800-253-2834 or via our "Contact Us" page at www.audiusa.com.
- 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 visit the **Recall/Service Campaign Lookup** tool at www.audiusa.com and enter your Vehicle Identification Number (VIN).

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,

Audi Customer Protection

Customer Letter Example (CANADA)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <VIN>

**Subject: Safety Recall 74D5 - Passenger Occupant Detection System (PODS)
Certain 2016-2018 Model Year Audi Vehicles**

Dear Audi Owner,

This notice is sent to you in accordance with the requirements of the Motor Vehicle Safety Act. Audi has decided that a defect, which relates to motor vehicle safety, exists in certain 2016-2018 model year Audi vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue? The Passenger Occupant Detection System (PODS) can malfunction due to stress/wear factors affecting an internal connector or contact resistance increase at body-sensing mat in the seat. In this situation, a front passenger seat occupant risks injury in a crash because a malfunctioning PODS may not make the correct airbag deployment decision for the type of occupant seated there.

What will we do? To correct this defect, your authorized Audi dealer will install a PODS repair kit. This work will take about two hours to complete and will be performed for you free of charge. 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.

What should you do? Please contact your authorized Audi dealer without delay to schedule this recall repair.

Precautions you should take Should a malfunction occur, vehicle occupants will be alerted of a PODS problem by illumination of the airbag monitoring light and by the status of the Passenger Airbag OFF indicator light. In this situation, a front passenger seat occupant risks injury in a crash because a malfunctioning PODS may not make the correct airbag deployment decision for the type of occupant seated there.

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Reimbursement of Expenses If you have previously paid for repairs relating to the condition described in this letter, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.

Can we assist you further? If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, please contact Audi Customer Relations Monday through Friday from 8AM to 8PM EST at 1-800-822-2834 or via our "Contact Audi Canada" page at www.audi.ca.

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.

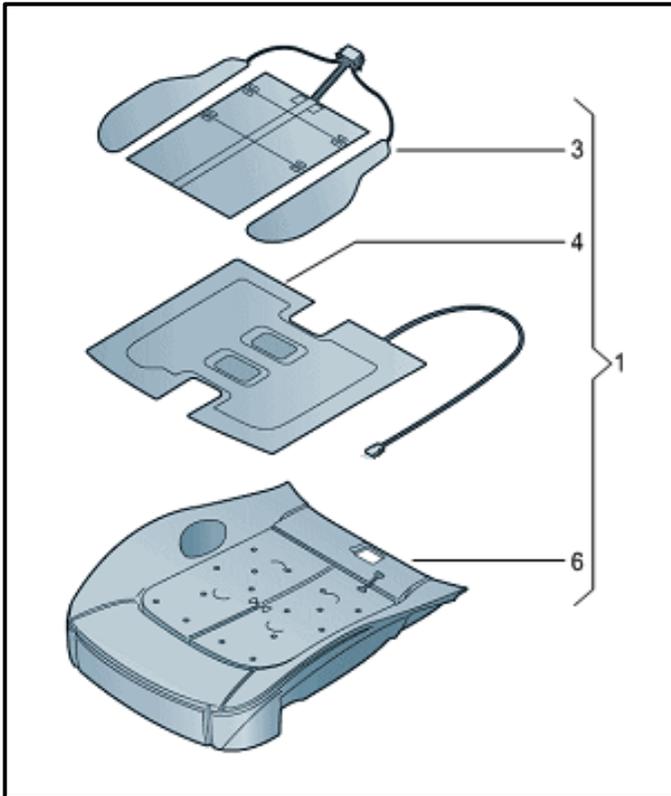
Sincerely,

Audi Customer Protection

NOTE

- 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 procedure must be read in its entirety prior to performing the repair.
- Due to variations in vehicle equipment and options, the steps/illustrations in this work procedure may not identically match all affected vehicles.
- Diagnosis and repair of pre-existing conditions in the vehicle are not covered under this action.
- When working during extreme temperatures, it is recommended that the vehicle be allowed to acclimate inside the shop to avoid temperature-related component damage/breakage.

Repair Overview



- Replace Passenger Occupant Detection System (PODS).
- Program existing PODS Control Module.
- Document repair with GFF test plan.

Required Parts

<u>Criteria</u>	<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
01	1	4G8.898.522.AM	PODS Kit
02	1	4G0.898.522.AE	PODS Kit
03	1	4G8.898.522.AL	PODS Kit
04	1	4G0.898.522.AF	PODS Kit
ALL	Up to 20	N 015.261.2	Upholstery Clip (hog ring)
	2	N 020.902.2	Tie Wrap
01, 02 and 03	1	N 106.622.01	Tie Wrap

Required Tools

 <p>Battery Tester/Charger - GRX3000VAS- (or equivalent)</p>	 <p>Diagnostic Tester -VAS6150X- (or equivalent)</p>
 <p>Trim Removal Wedge -3409- (or equivalent)</p>	 <p>Universal Vehicle Protector -VAS871001- (or equivalent)</p>
 <p>Engine and Transmission Holder -VAS6095A-</p>	 <p>Engine/Transmission Holder - Seat Repair Fixture -VAS6136-</p>

Continued on next page.

	<p>Torque Wrench 5-50Nm -VAG1331- (or equivalent)</p>		<p>Backrest Panel Tool -3370-</p>
	<p>Assembly Tool -3399- (Manual Seats Only)</p>		<p>T-Handle Hook -3438- (Manual Seats Only)</p>
	<p>Upholstery Clip Pliers -VAG1634B- (or equivalent)</p>		<p>PODS Programmer</p>

Repair Instruction

Section A - Check for Previous Repair

Applicable criteria ID(s)	Campaign/Action Status
01 ← 2	Open ← 1

EXAMPLE

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

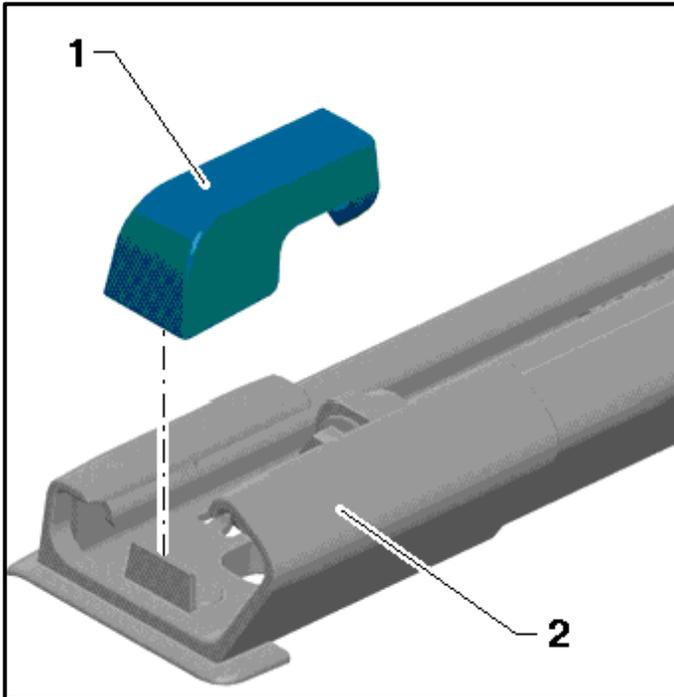
TIP

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

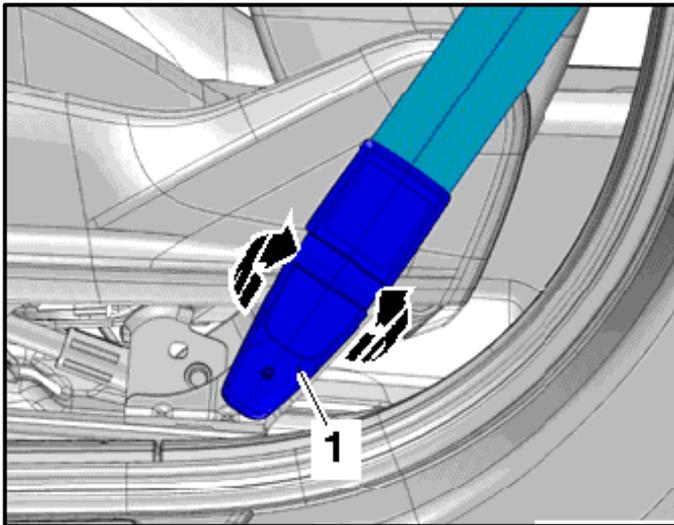
- Confirm the Campaign/Action is open <arrow 1>. If the status is closed, no further work is required.
- Note the Applicable Criteria ID <arrow 2> for use in determining the correct work to be done and corresponding parts associated.

Proceed to Section B

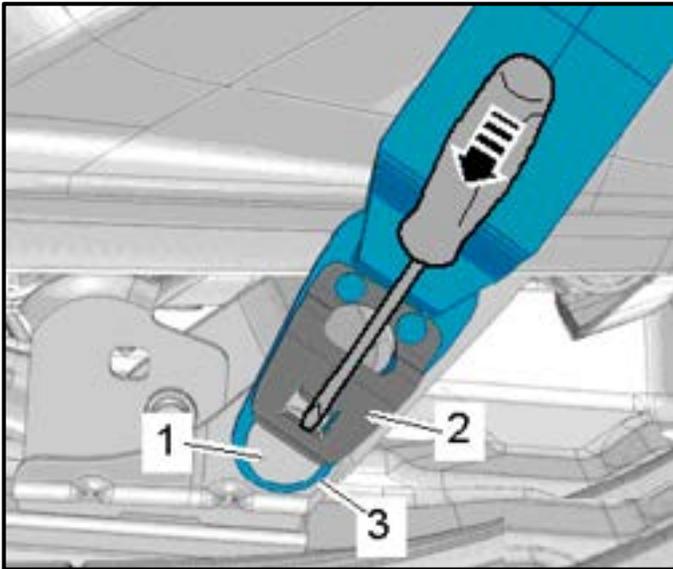
Section B – PODS Mat Replacement



- Push the headrest into the lowest position.
- Move the passenger front seat to the full-rearward position.
- Pry off the front spindle cover <1> from the seat rail cover <2> using the Trim Removal Wedge -3409- (or equivalent).



- Unclip the cover <1> on the belt relay <arrows> and fold it upward.



- Release the spring catches <2> by inserting a small screwdriver in the opening in the spring <arrow>.
- Slide the belt end fitting <3> downward and disengage at the pin <1>.

⚠ CAUTION

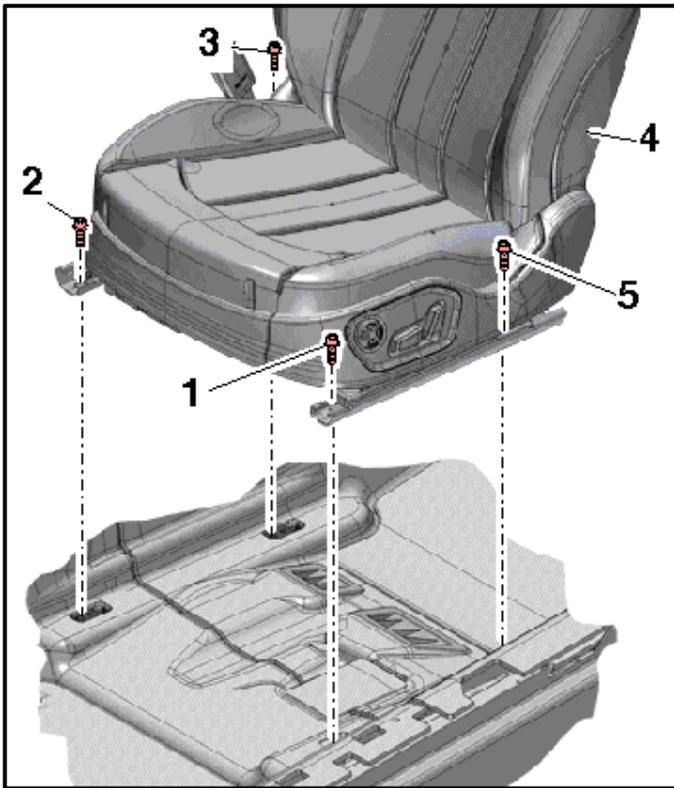
- The spring <2> can bend if removed incorrectly. Replace the three-point seat belt if the spring is bent or distorted. Damage to the seat belt is not covered under this action.
- Only move the spring <2> far enough to unlock the tab on the spring. Do not overextend the spring.



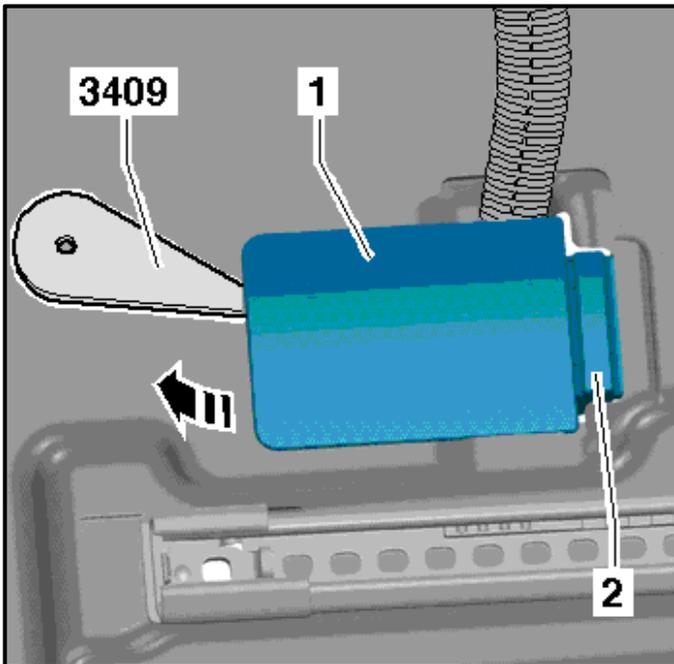
- Move the passenger front seat height adjustment to the fully raised position and tilt the backrest fully upright.

⚠ CAUTION

If the seat is not in fully raised and tilted fully upright, the seat motor will obstruct the removal of the PODS sensor connector.



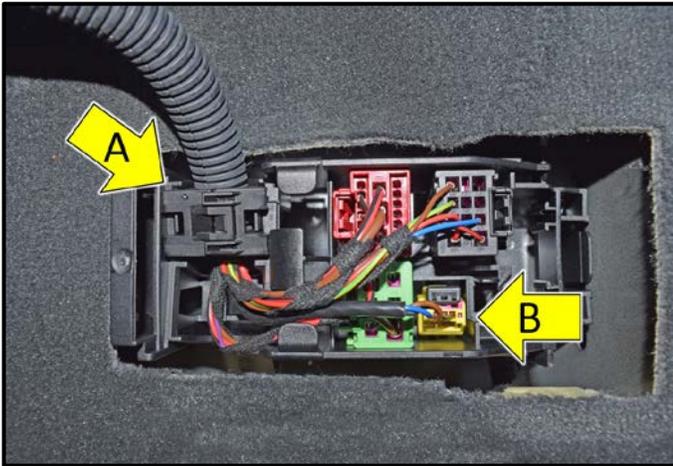
- Remove the bolts <3 and 5> from the rear of each seat rail.
- Move the seat <4> to the full rearward position.
- Remove the bolts <1 and 2> from the front of each seat rail.
- Position the seat rear of center in the seat rails.



- Using Trim Removal Wedge -3409- (or equivalent), release the front of the cover <1> and remove it as shown <direction of arrow>.

NOTE

The connector station shown here is located in the vehicle floor under the front passenger seat.



- Release the retaining tabs and remove the wiring bracket <arrow A> from the connector station.

⚠ CAUTION

The ignition must be switched off before disconnecting airbag connector <arrow B>.

- Release the retaining tabs and remove the side airbag electrical harness connector <arrow B>.
- Disconnect any remaining electrical connectors.

! NOTE

The number of connectors present in the connector station will vary based on vehicle equipment.



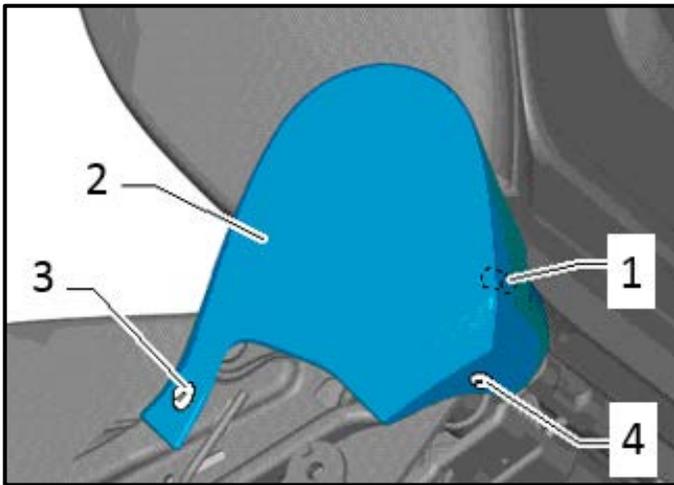
- To protect the sill panel before removing the front seat, install the Universal Vehicle Protector -VAS871001- <as shown>.
- Carefully remove the front seat from the vehicle.

! NOTE

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



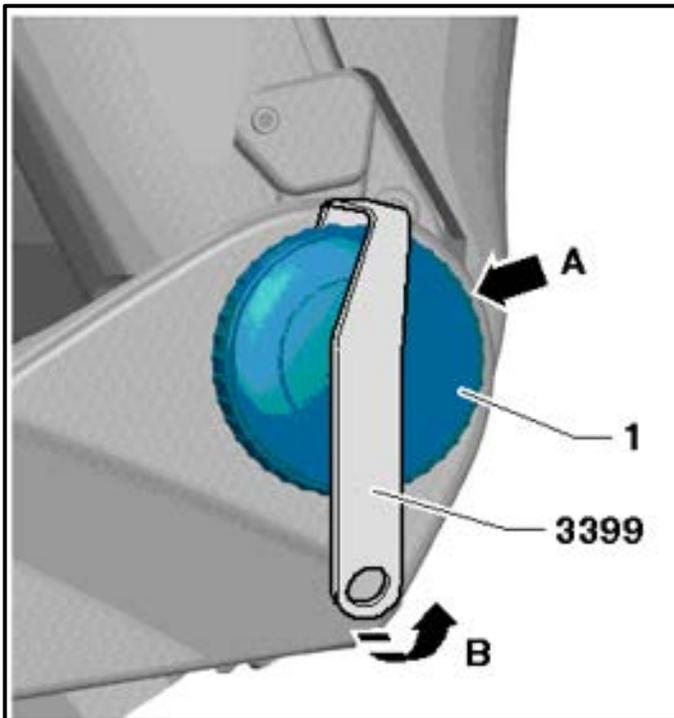
- Attach the Seat Repair Fixture -VAS6136- to the Engine and Transmission Holder -VAS6095-.
- Fasten the front seat onto the Seat Repair Fixture -VAS6136-.



- Remove the expanding rivets <3 and 4>.
- Disengage and remove the tunnel-side trim <2> from the seat back hinge.

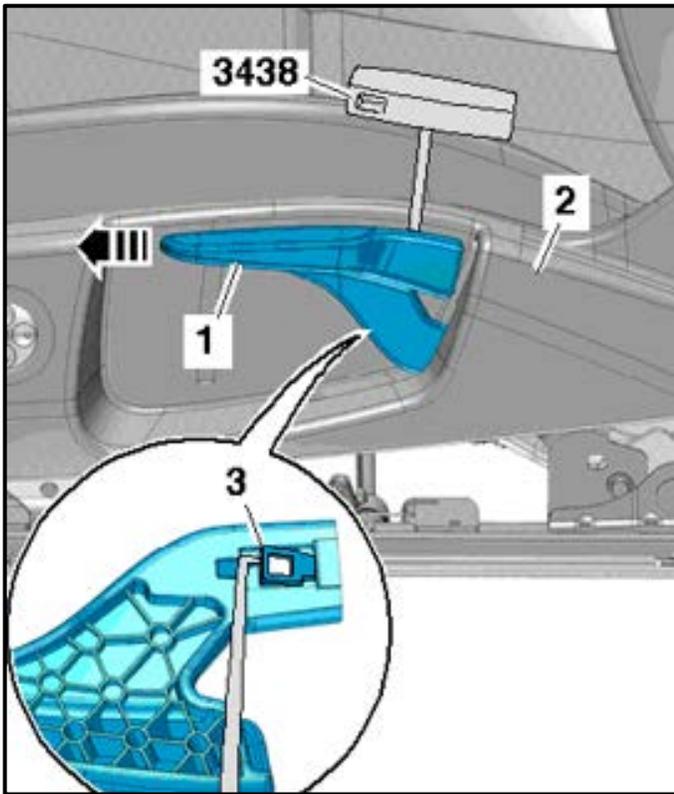
NOTE

Use caution during removal of the trim. The mounting tab <1> may break if not properly disengaged. Damage to the trim is not covered by this action.



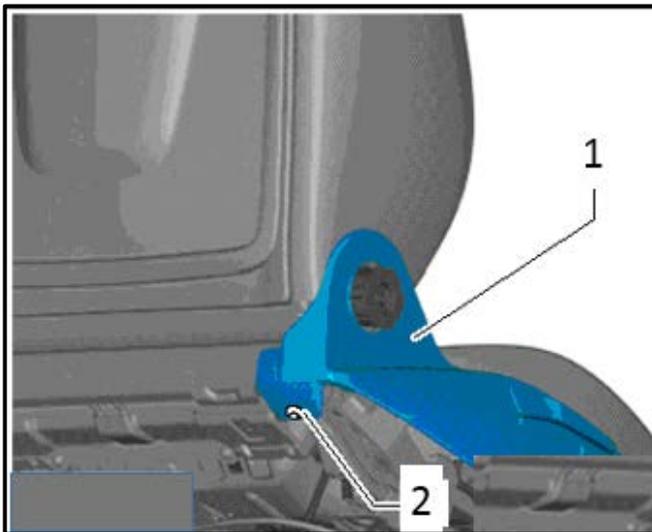
On vehicles equipped with a MANUAL seat:

- Turn the seat back adjustment wheel <1> until one catch is visible from behind <arrow A>. Use a flashlight if necessary.
- Using the Assembly Tool -3399-, carefully pry the adjustment wheel off the seat <direction of arrow B>.
- Turn the seat back adjustment wheel 120° further and repeat the process.
- Remove the seat back adjustment wheel.



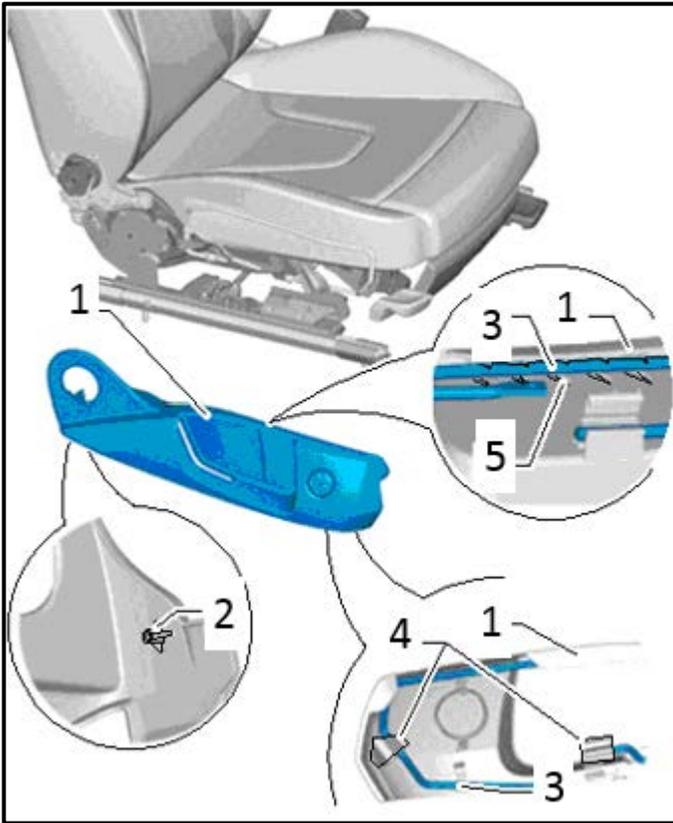
On vehicles equipped with a MANUAL seat:

- Pull the seat height adjustment handle <1> upward and hold it in the fully-raised position.
- Carefully pull the seat height adjustment handle away from the seat.
- Guide the T-Handle Hook -3438- between the seat height adjustment handle and the seat trim <2>.
- Using the T-Handle Hook -3438-, release the fastening tab <3>.
- With the fastening tab released, remove the seat adjustment handle from the lever <direction of arrow>.



On ALL vehicles:

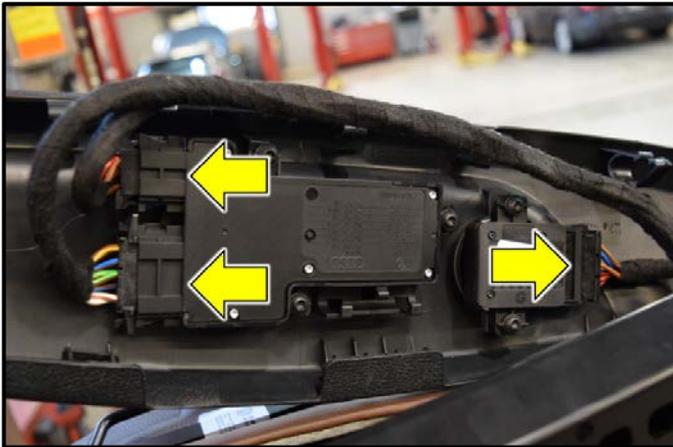
- Remove the expanding rivet <2> from the sill-side seat trim <1>.



- Open the mounting clips <4> on the seat trim.
- Unclip the bracket <3> and, if present, release the wiring harness from the sill-side trim.
- Pull the trim <1> slightly forward off the bracket and remove it in an upward direction.

NOTE

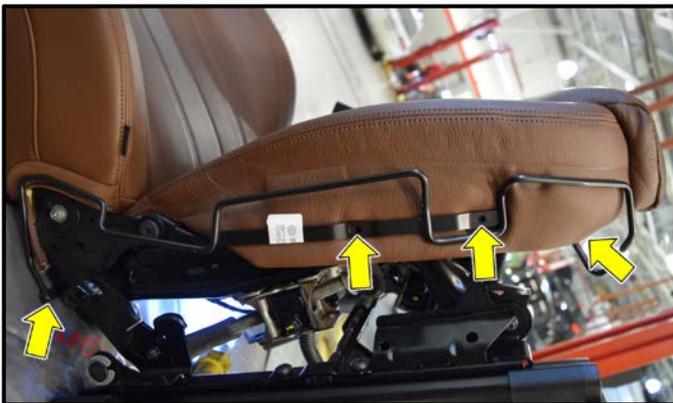
Use caution during removal of the trim. The mount <5> and the tab <2> may break if not properly disengaged. Damage to the trim is not covered by this action.



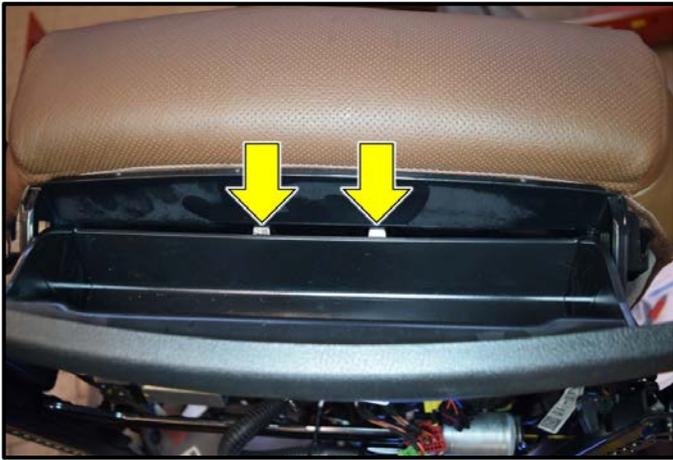
- Disconnect the electrical connectors <arrows>.
- Remove the seat trim panel.

NOTE

The number of connectors present may vary.



- Remove the four fastening screws <arrows> from the mounting bracket.
- Remove the mounting bracket from the seat.

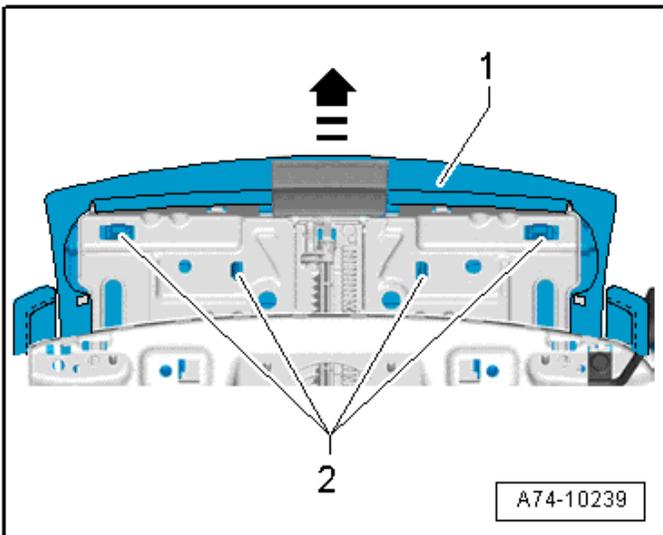


Vehicles with Criteria 02, 03 and 04:

- Open the storage compartment located on the lower front portion of the seat.
- Release the two tabs <arrows> and fully open the storage compartment.

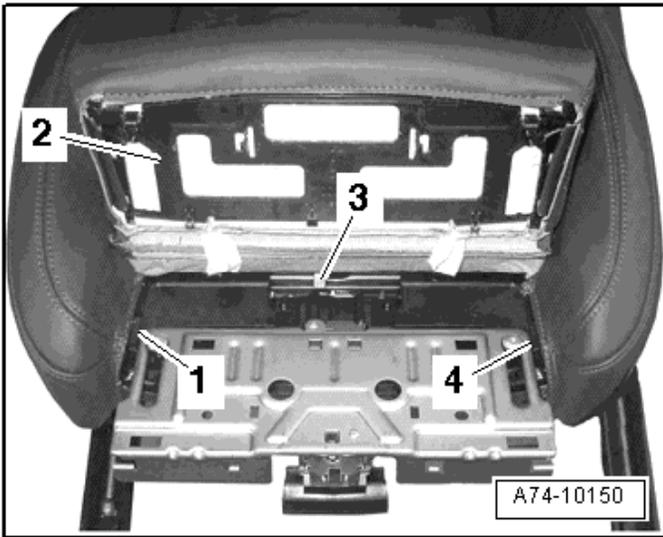


- Hold the storage compartment in the full-open position, and remove the mounting screws <circles>.
- Remove the storage compartment from the seat.

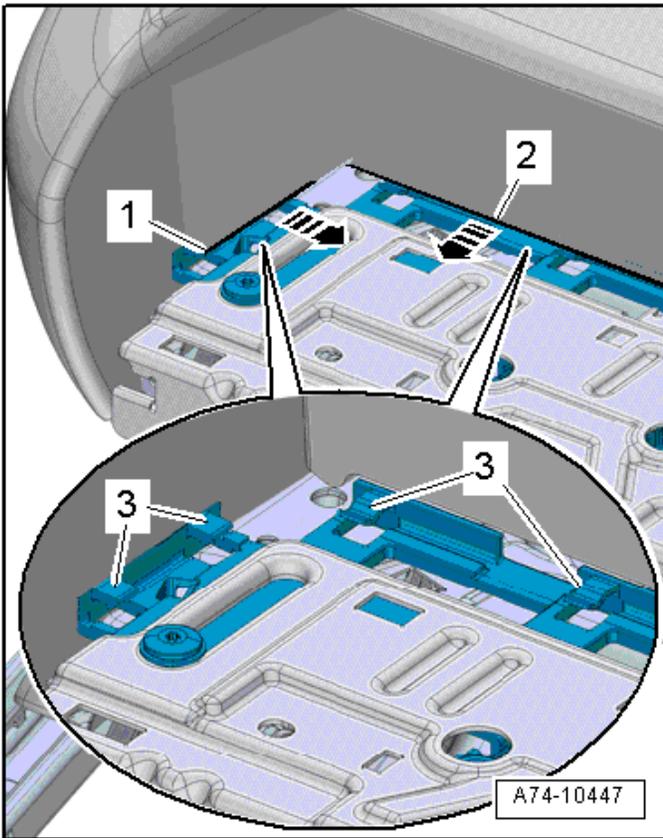


Vehicles with Criteria 01:

- Pull the seat depth adjuster all the way out.
- Unclip the tabs <2>.
- Move the support with the seat cushion and seat cover <1> for the seat depth adjuster as far as possible upward <arrow> so that the tab remains unlocked.



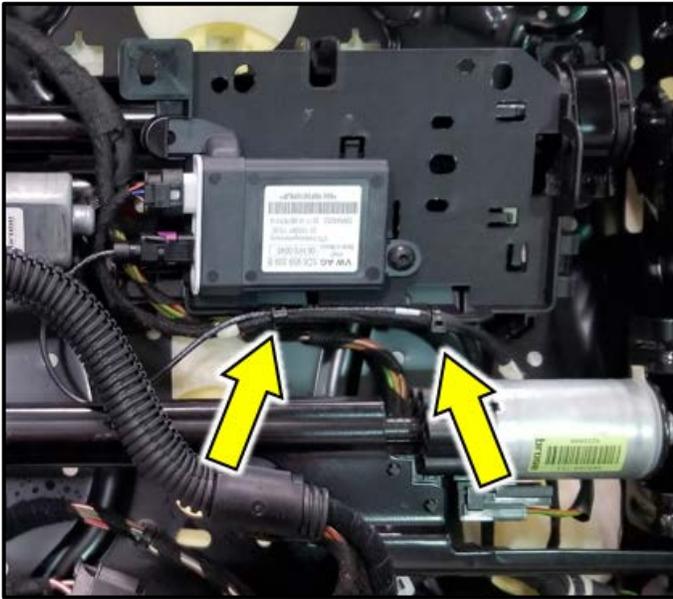
- Remove the support <2> with the seat cushion and seat cover for the seat depth adjuster upward and toward the front.
- Unclip the cover retaining strips <1, 3 and 4> and rear cushion.



- Unclip the retaining channels <1 and 2> in direction of <arrow> out from the tabs <3>.

! NOTE

The tabs <3> are easily damaged. Use caution during removal and installation.



Continued for all vehicles:

- Cut cable ties <arrows>.



⚠ CAUTION

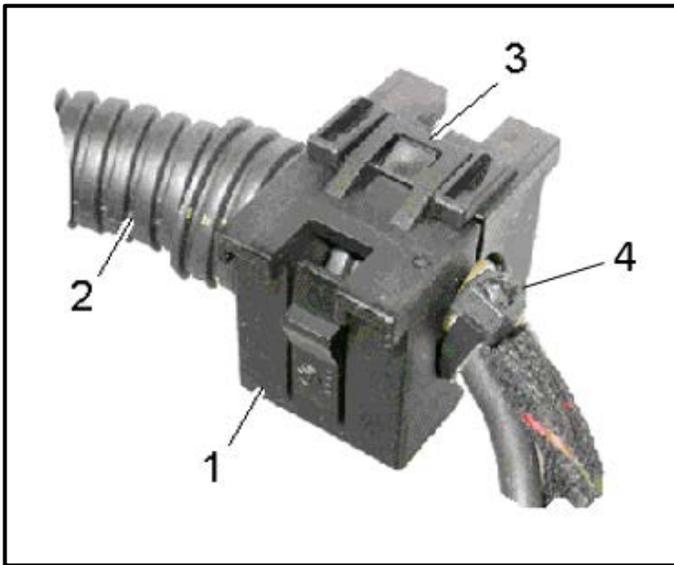


The connector must be removed exactly parallel with the PODS ECU. The center pin in the PODS ECU is fragile and must not be bent during removal. A damaged center pin will cause PODS faults. Damage to PODS ECU is not covered under this action.

- Press down on locking tab and remove PODS sensor connector <1> from PODS ECU <2> in <direction of arrow>.

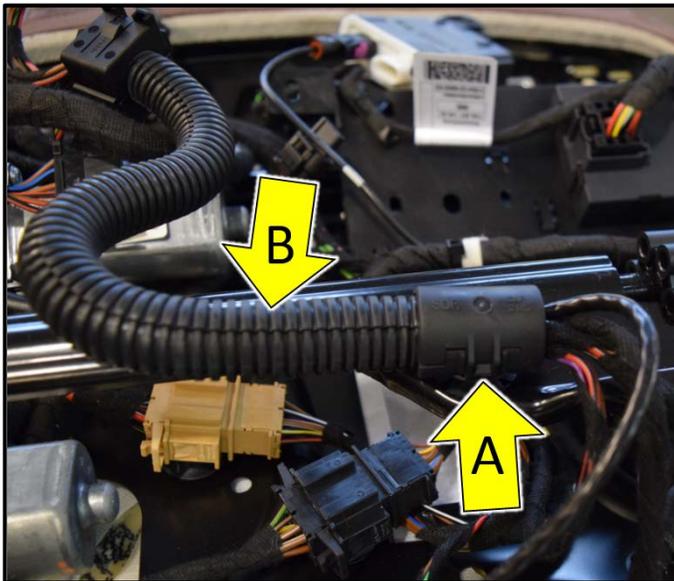
! NOTE

- During the 74D5 recall repair it is ok to disconnect the sensor mat from the PODS ECU.
- The replacement PODS mats do not come with a new PODS ECU.
- The existing PODS ECU will be updated with new parameters during this recall repair.



Vehicle with Criteria 01, 02 and 03:

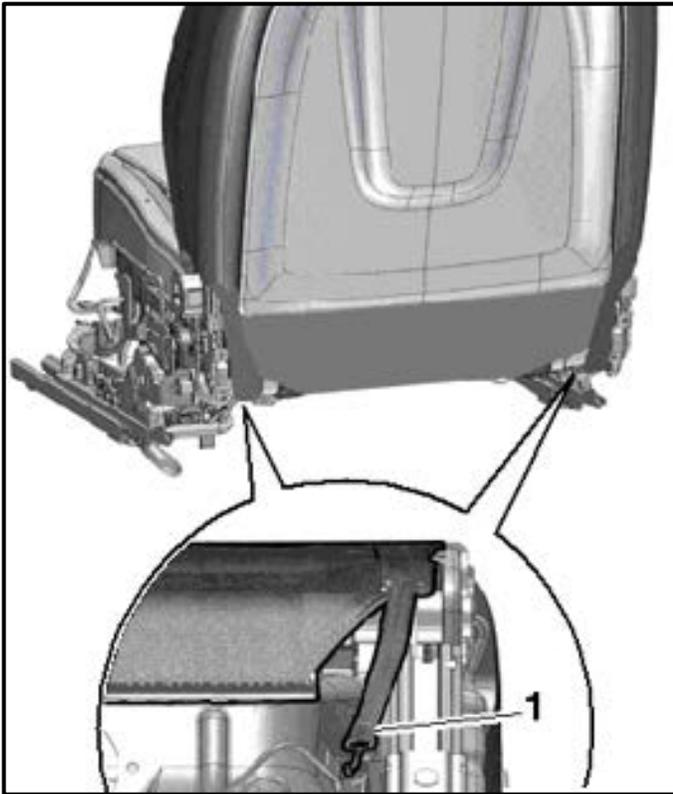
- Using the Trim Removal Wedge -3409- (or equivalent), release the retainer <3> and open the front cable holder <1>.
- Remove the wiring bracket from the corrugated tube <2>.
- Cut cable tie <4>.



- Using a small, flat-blade screwdriver (or equivalent), open the rear wiring bracket <arrow A>.
- Remove the corrugated tube <arrow B> from the bracket.
- Remove the outer corrugated tube from the wiring harness.

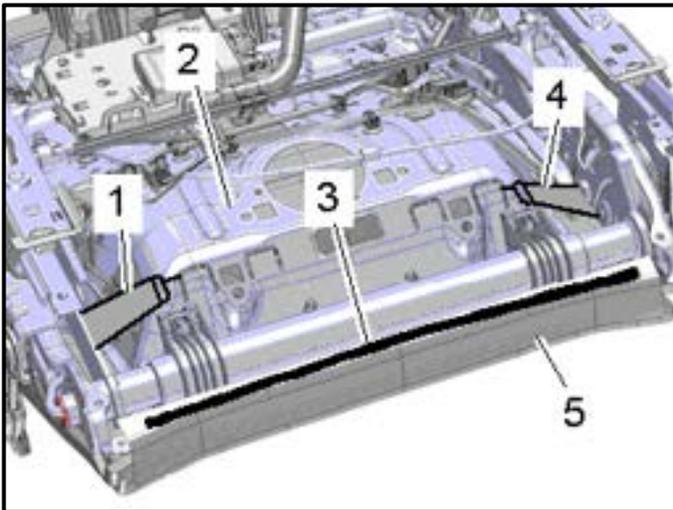
TIP

- Take photos of the wiring harness routing.
- To aid in proper reassembly, the wiring harness should be marked with a paint pen, masking tape, etc. to mark the position of the corrugated tube.

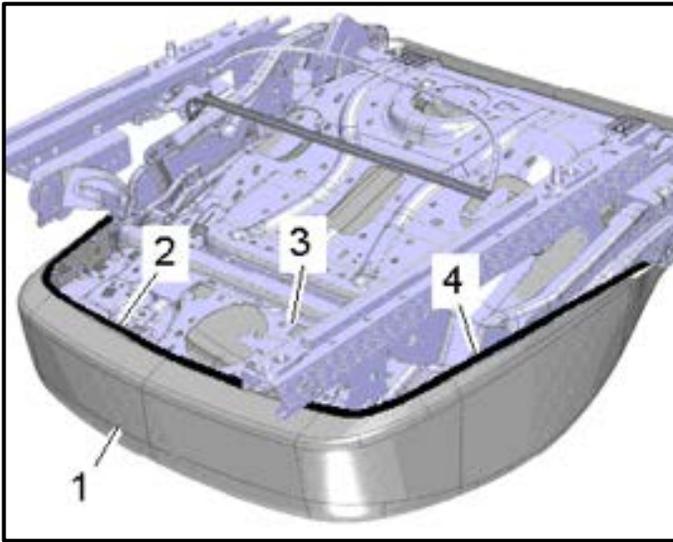


Continued for all vehicles:

- Detach the rubber strap <1> from the left and right side at the bottom of the seat pan.



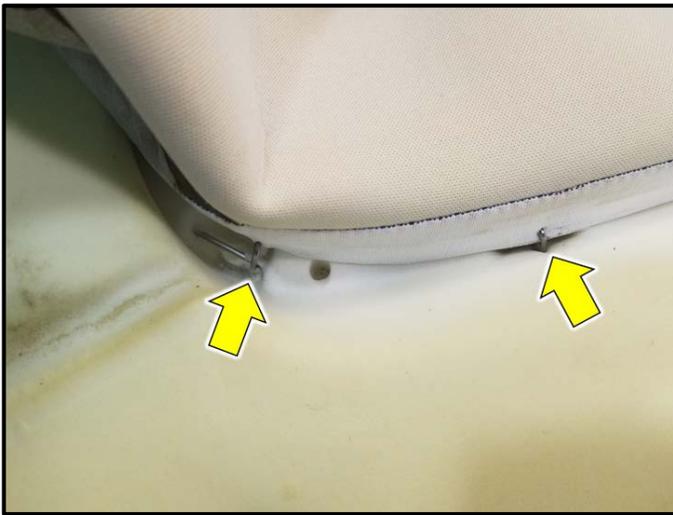
- Take photos of the seat wiring harness routing.
- Release the hooks <1 and 4> from the lower seat frame <2>.
- Disconnect and free up any wiring connectors that are present.
- Using Seat back Panel Tool -3370-, detach the molding <3> of the seat cover <5> in the rear of the seat.



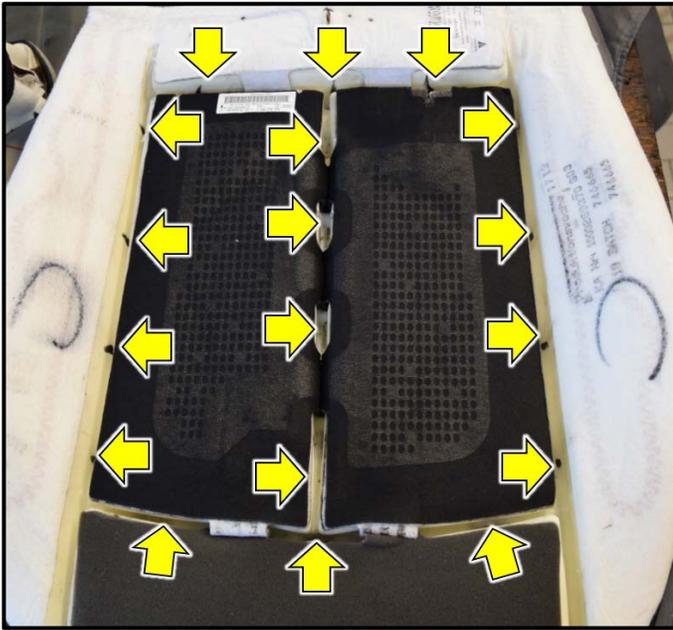
- Using Seat back Panel Tool -3370-, detach the molding <2 and 4> of the seat cover in the front and side areas.
- Remove the seat cover <1> with the seat cushion from the lower seat frame <3>.
- During seat cover and cushion removal, free up the wiring harness for the seat heating and PODS unit.

NOTE

The backrest does not require removal to perform this repair.



- The seat cover is fastened to the seat cushion using wire upholstery clips.
- Carefully peel the seat cover back to expose the clips <arrows>.



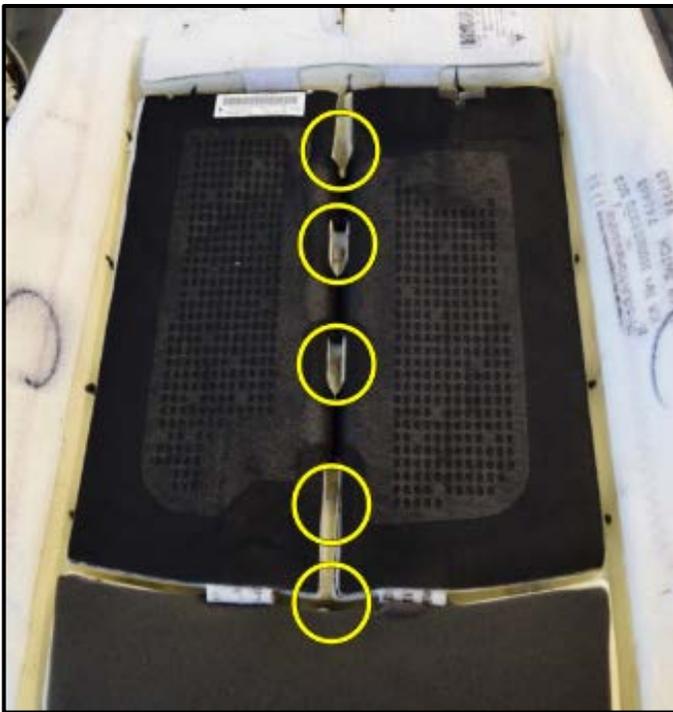
- With the seat cover pulled back, cut and remove the upholstery clips <arrows> using appropriate side-cutting pliers.
- Fully remove the seat cover from the seat cushion.

NOTE

The seat cover will have approximately 20 upholstery clips installed. While cutting these clips, some fragments may remain attached to the seat cover. **ALL** fragments of the old clips **MUST** be removed from the seat cover prior to reassembling the seat.

TIP

- When looking at the seat cushion from the top down, the upholstery clips are located approximately where shown <arrows>.
- During disassembly, start cutting the clips along the outside perimeter, then work inward until all the clips have been removed.



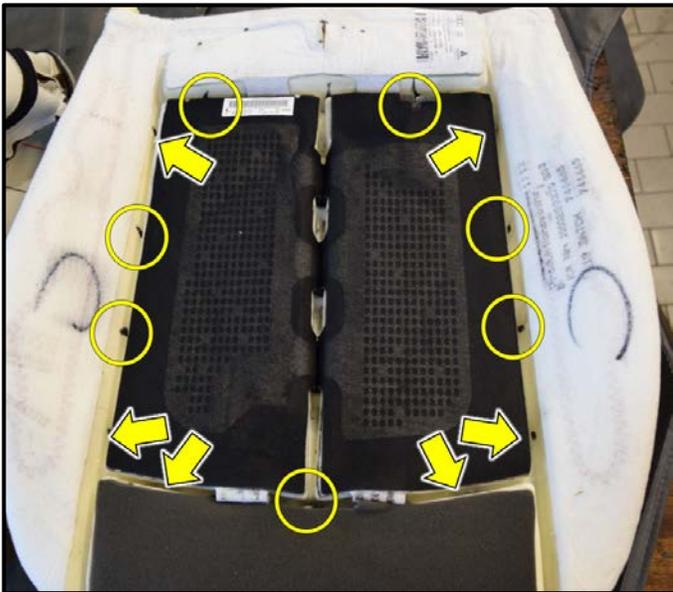
- Position the seat cover onto the replacement seat cushion/PODS mat assembly.
- Starting at the center row of the seat cushion, install and fasten the upholstery clips where shown <circles> using upholstery clip pliers -VAG1634- (or equivalent).

Crit.	Part Number	Part Description
01	4G8.898.522.AM	PODS Kit
02	4G0.898.522.AE	PODS Kit
03	4G8.898.522.AL	PODS Kit
04	4G0.898.522.AF	PODS Kit



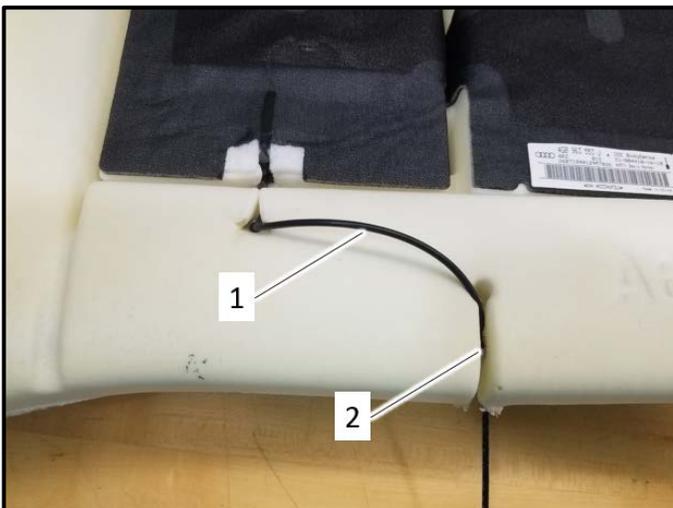
- Prior to fully clamping the upholstery clips closed, be sure each upholstery clip engages BOTH the webbing on the bottom side of the seat cover AND the fastening wire molded into the seat cushion as shown <circle>.

Part Number	Part Description
N 015.261.2	Upholstery Clip



- Install additional remaining upholstery clips around the perimeter of the seat cushion where shown <circles>.
- Install the corner upholstery clips <arrows> last. This allows additional accessibility for installing the inboard upholstery clips.

NOTE
Basic seat shown. Seat cover installation for "Sport/Super-sport" seats is similar.



- Ensure the PODS wiring <1> is routed through the opening <2> in the seat cushion.

NOTE
Version without seat heater shown. For versions with seat heater, the seat heater wiring is also routed through opening <2>.



TIP
<ul style="list-style-type: none"> • The PODS wiring will be routed through hole <A>. • The seat heater wiring (if equipped) will be routed through hole .

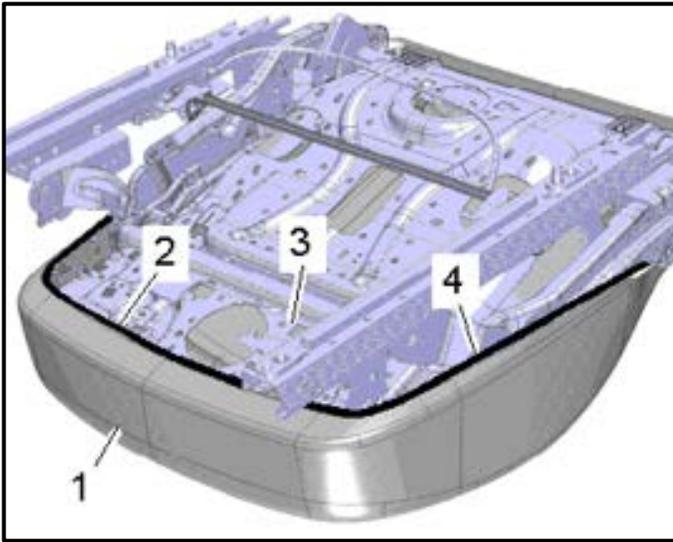


- Locate the QR code sticker <circle> on the new PODS mat and tear off at the perforation.

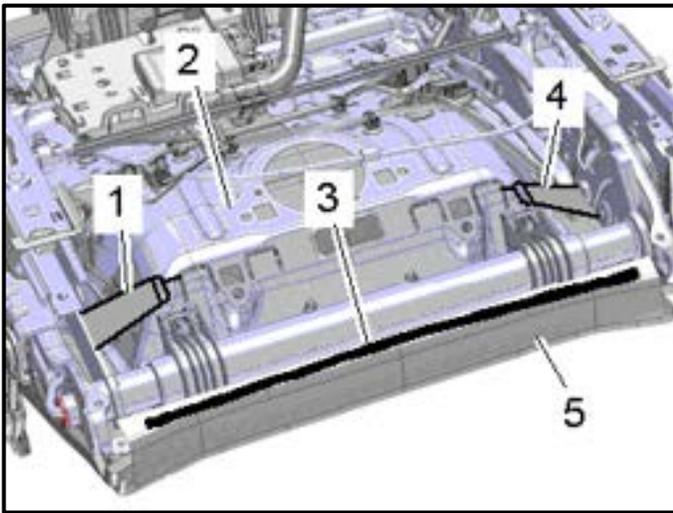


- Apply the QR code sticker over the existing sticker on the seat frame.

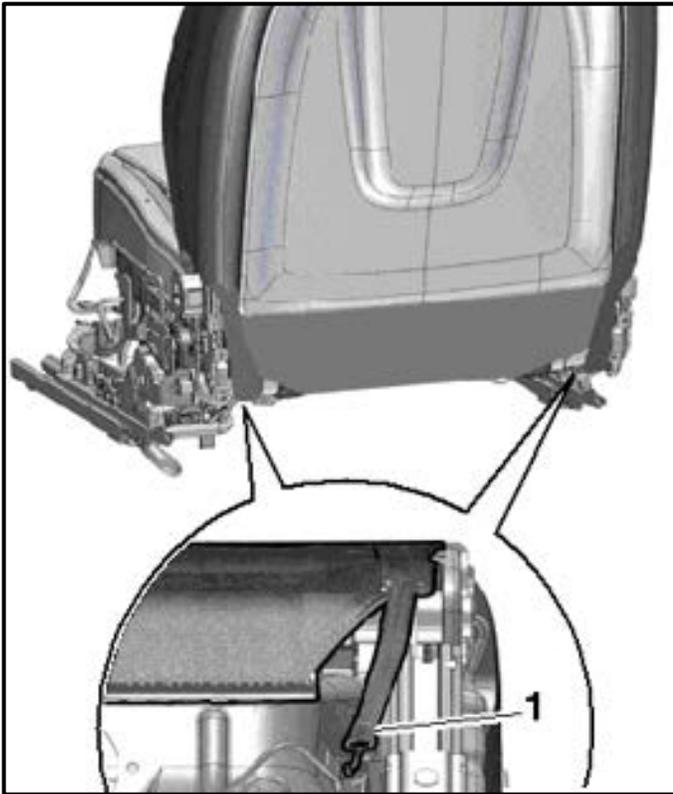
NOTE
The location of the existing sticker on the seat frame may vary.



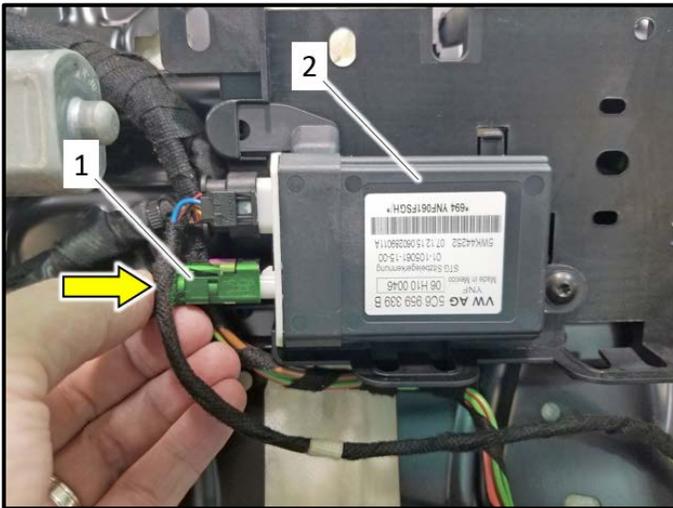
- Inspect the seat cover position on the seat cushion to ensure it appears properly centered.
- Route the wiring harness for the seat heating element and the PODS unit through its original location at the rear center of the seat cushion.
- Reinstall the seat cover <1> with the seat cushion onto the lower seat frame <3>.
- Reattach the molding of the seat cover <2 and 4> onto the front and sides of the lower seat pan as shown.



- Reattach the molding <3> of the seat cover <5> onto the rear of the seat.
- Reconnect the hooks <1 and 4> onto the lower seat frame <2>.
- Reroute and reconnect the wiring as necessary. Refer to previously taken photographs.



- Reattach the rubber straps <1> to the seat pan.

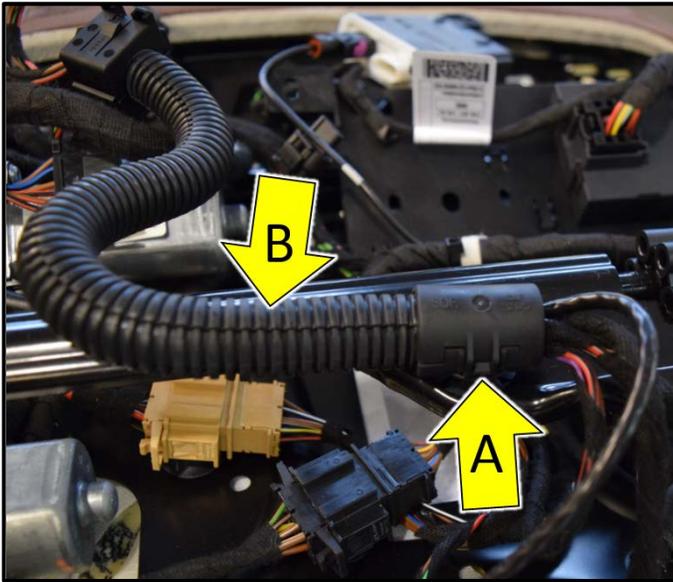


CAUTION

STOP! STOP!

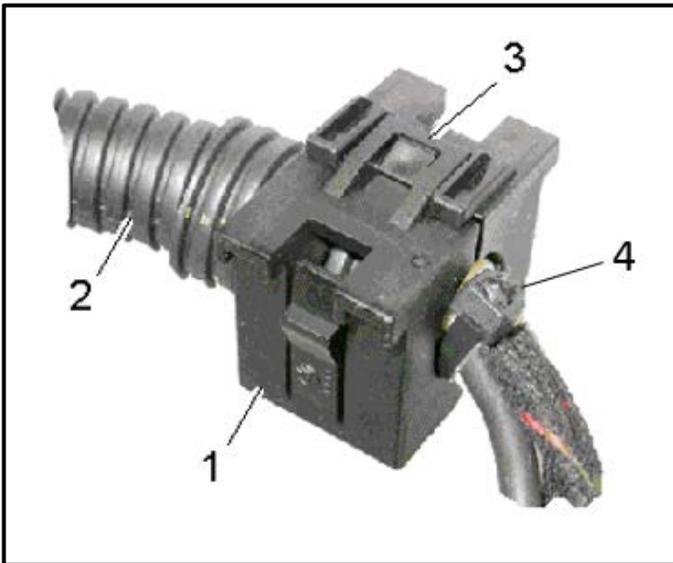
The connector must be installed exactly parallel with the PODS ECU. The center pin in the PODS ECU and connector is fragile and must not be bent during installation. A damaged center pin will cause PODS faults. Damage to the PODS ECU is not covered under this action.

- Connect PODS sensor wiring connector <1> to PODS ECU <2> in <direction of arrow>.



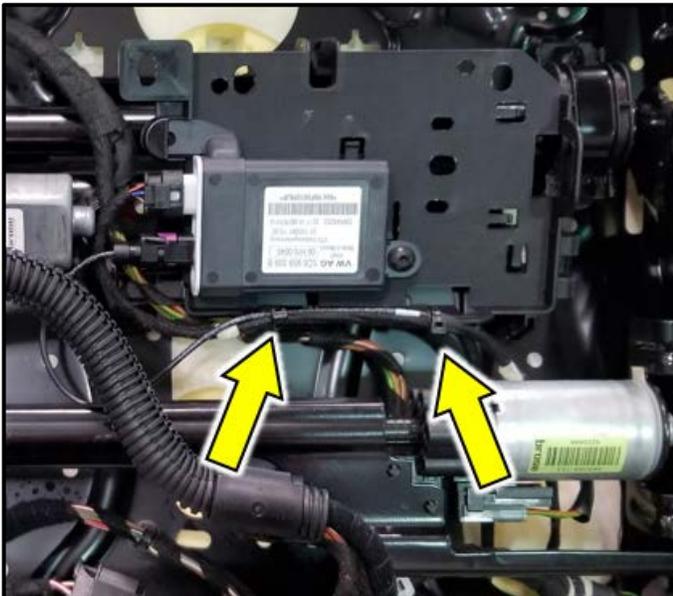
Vehicles with Criteria 01, 02 and 03:

- Reference previously made paint marks.
- Reinstall the airbag wiring harness and any other wiring that was removed into the corrugated tube.
- Reinstall the outer corrugated tube <arrow B> into its original position.
- Refasten the rear wiring bracket <arrow A> over the end of the corrugated tube as shown.



- Reinstall the front cable holder <1> onto the corrugated tube <2> in its original location.
- Refasten the retaining clip <3>.
- Install tie wrap <4>.

Part Number	Part Description
N 106.622.01	Tie Wrap



Continued for all vehicles:

- Install new tie wraps <arrows>.

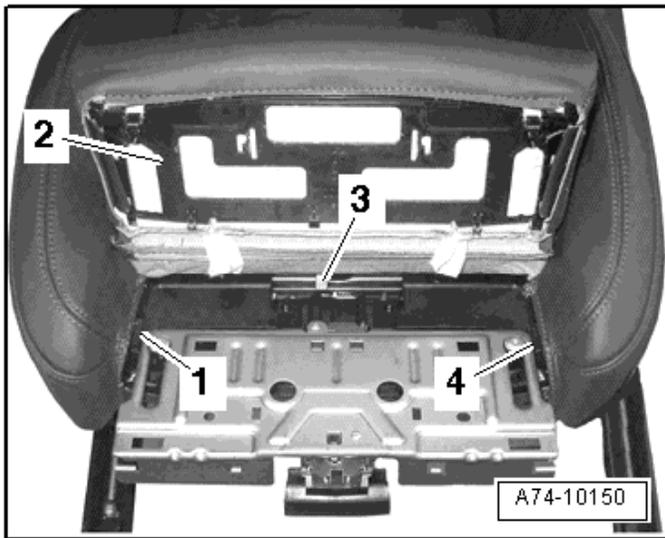
Part Number	Part Description
N 020.902.2	Tie Wrap

NOTE

- The PODS ECU cable must be routed in a way so that no tension is put on the connector.
- The cable should be looped as shown in the photo.



- Reinstall the mounting bracket onto the seat in its original location as shown.
- Reinstall the four fastening screws <arrows> into the mounting bracket and torque to 8 Nm.



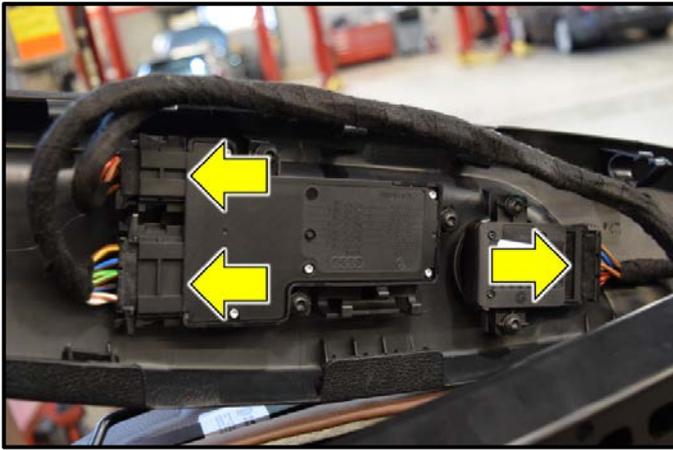
Vehicles with Criteria 01:

- Reinstall seat cushion support <2> onto seat depth adjuster.



Vehicles with Criteria 02, 03 and 04:

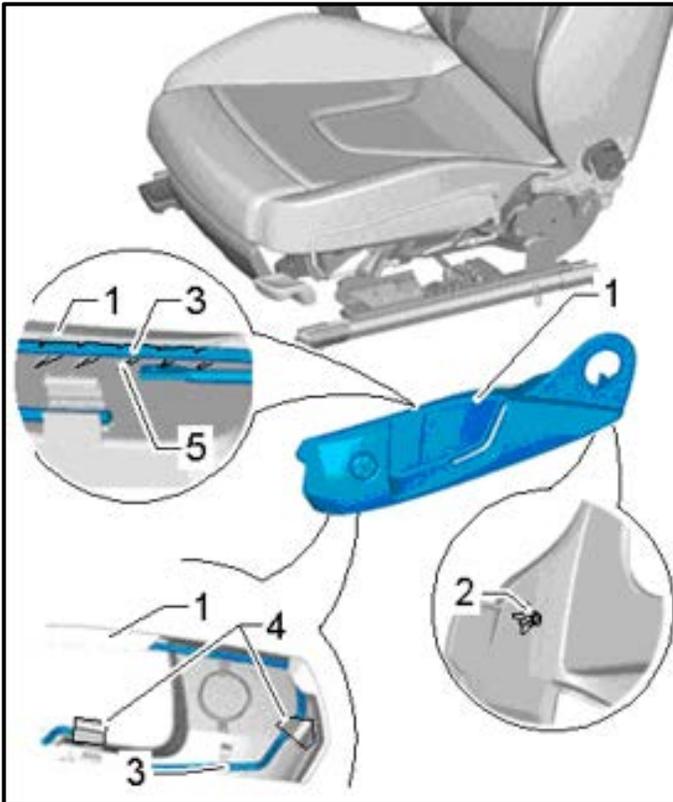
- Reinstall the storage compartment onto the front of the seat pan.
- Reinstall the mounting screws <circles> and torque to 3 Nm.
- Close the storage compartment.



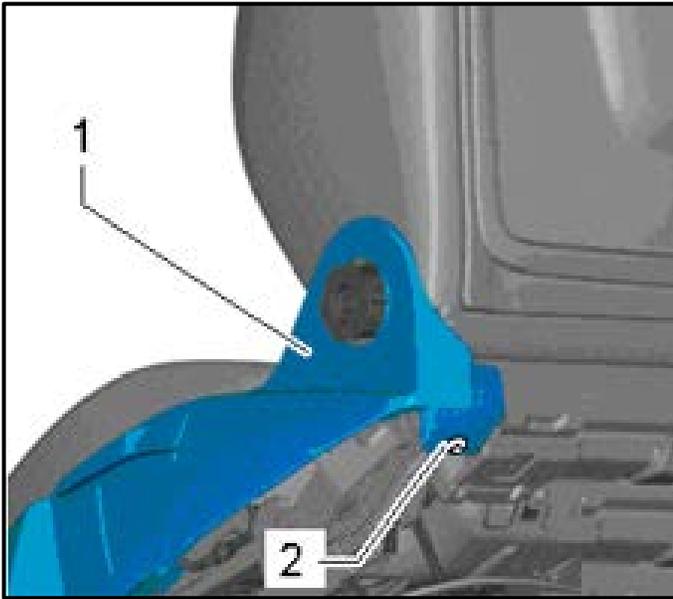
Continued for all vehicles:

- Reconnect the electrical connectors <arrows>.

NOTE
The number of connectors present may vary.



- Reinstall the seat trim <1> onto the mounting bracket <3>.
- Refasten the mounting clips <4>, and any wiring harness retainers that were previously removed.

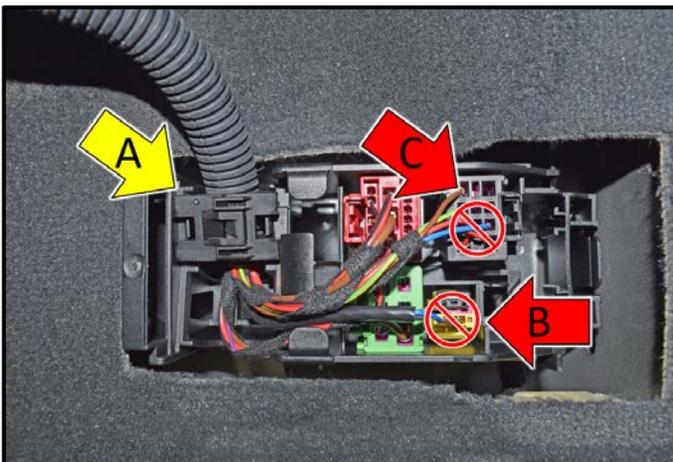


- Reinstall all remaining trim and fasteners that were previously removed from the seat (i.e. items 1 and 2).



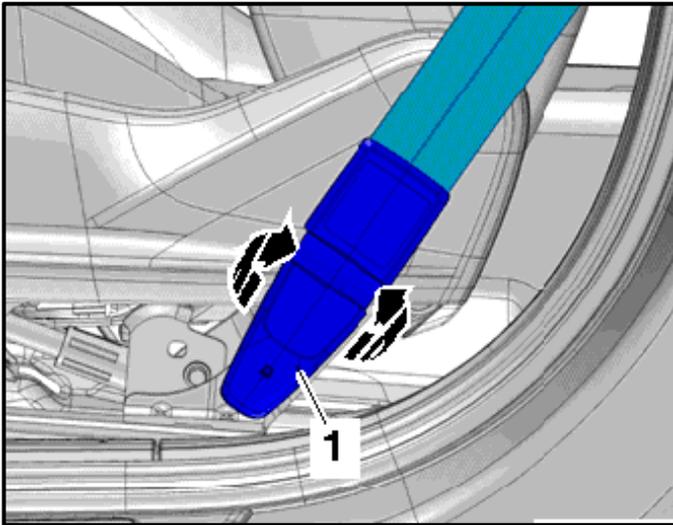
- To protect the sill panel before reinstalling the front seat, install the Universal Vehicle Protector -VAS871001- <as shown>.
- Carefully reinstall the front seat into the vehicle.

! NOTE
 Due to the weight and size of the front passenger seat, assistance from a second technician may be helpful to install the seat.

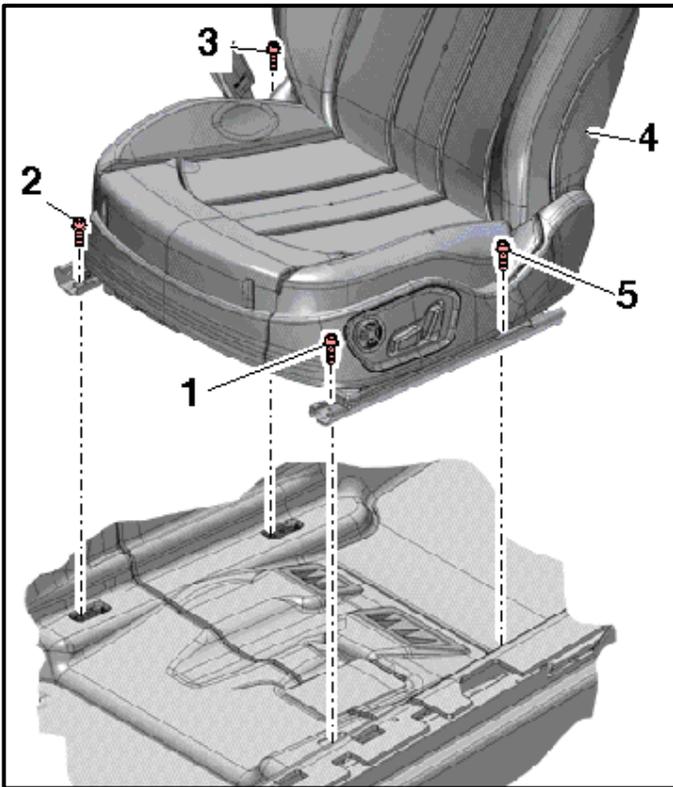


- Reinstall the wiring bracket <arrow A> and refasten the retaining tabs on the connector station.
- Reconnect remaining connectors, but leave airbag harness <arrow B> and PODS connector <arrow C> disconnected.

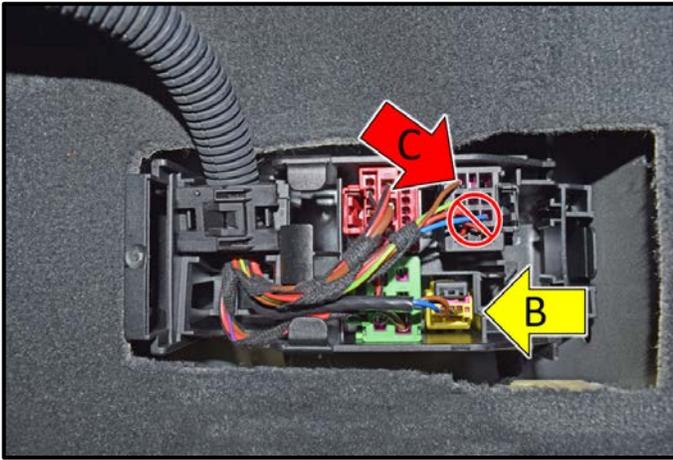
! NOTE
 The number of connectors present in the connector station will vary based on vehicle equipment.



- Reinstall the passenger front seatbelt and seatbelt cover.



- Reinstall the bolts <1 and 2> into the front of each seat rail.
- Move the seat <4> to the full forward, fully raised position.
- Reinstall the bolts <3 and 5> into the rear of each seat rail.
- Torque all four seat mounting bolts to 50 Nm.
- Reinstall covers onto the seat rails.

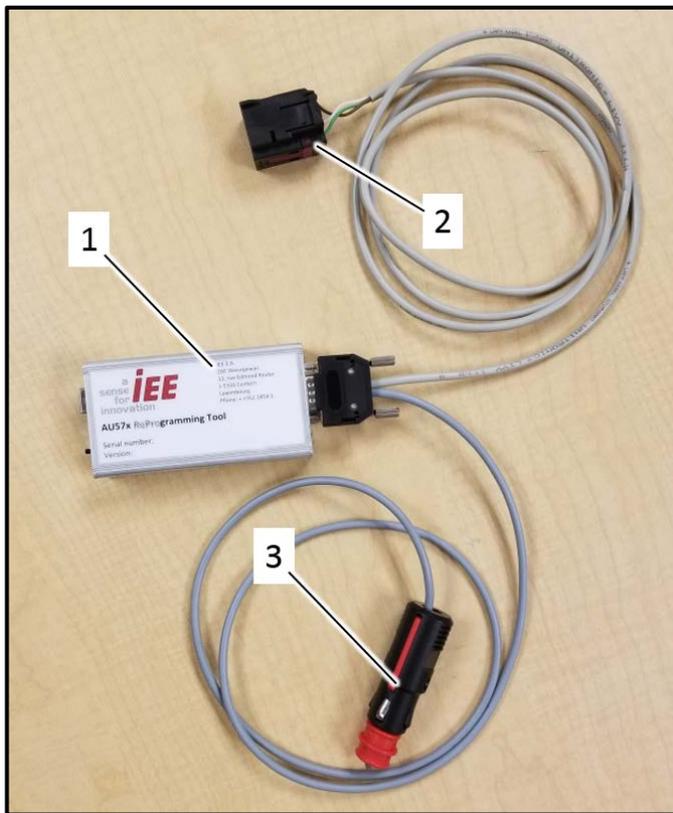


CAUTION

The ignition must be switched off before connecting airbag connector <arrow B>.

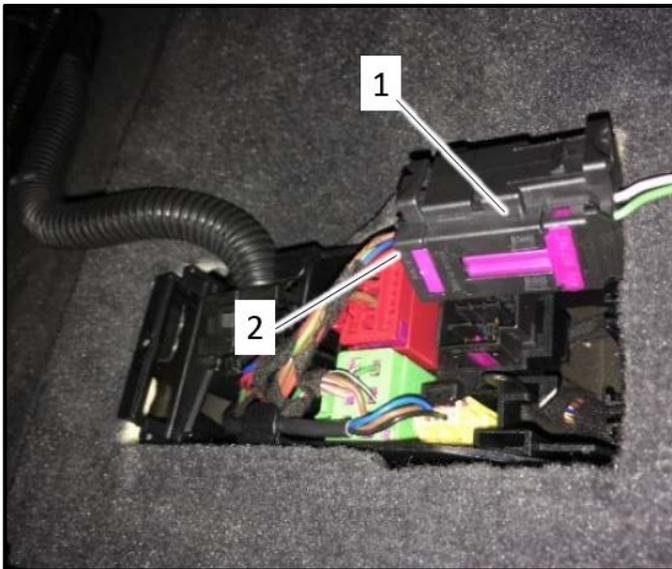
- Reinstall the side airbag electrical harness connector <arrow B>.
- Leave PODS connector <arrow C> disconnected.

Section C – PODS Control Module Calibration



CAUTION

- Never reprogram a PODS ECU before the PODS repair kit has been replaced.
 - Never swap a PODS ECU to or from another car for any reason.
- The PODS ECU will be updated using the PODS Programmer.
1. Programmer
 2. Connector
 3. 12V Power Adapter
- The Programmer stores data and its return to Audi of America will be required after it is no longer required to perform the repair in the 74D5 Safety Recall.
 - A future communication will occur when the tool is expected to be returned.
 - See Appendix A for Programmer troubleshooting.



CAUTION

Battery voltage must be above 12.5 volts to ensure successful programming.

- Connect Programmer connector <1> to PODS connector <2> on the seat wiring harness.

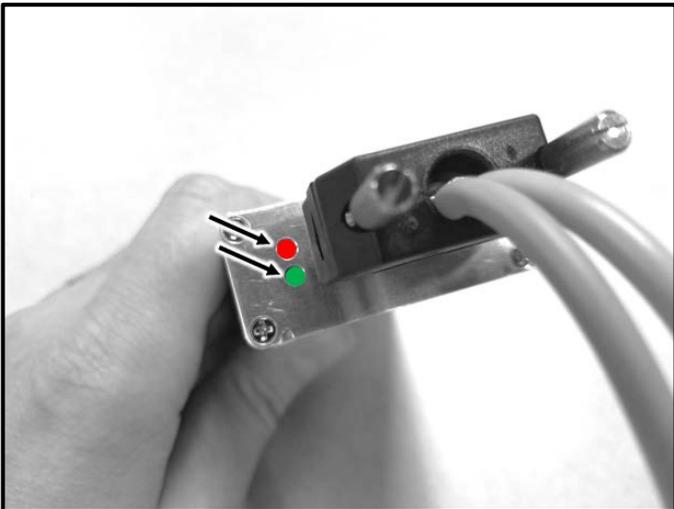


- Plug in 12V outlet <1>.

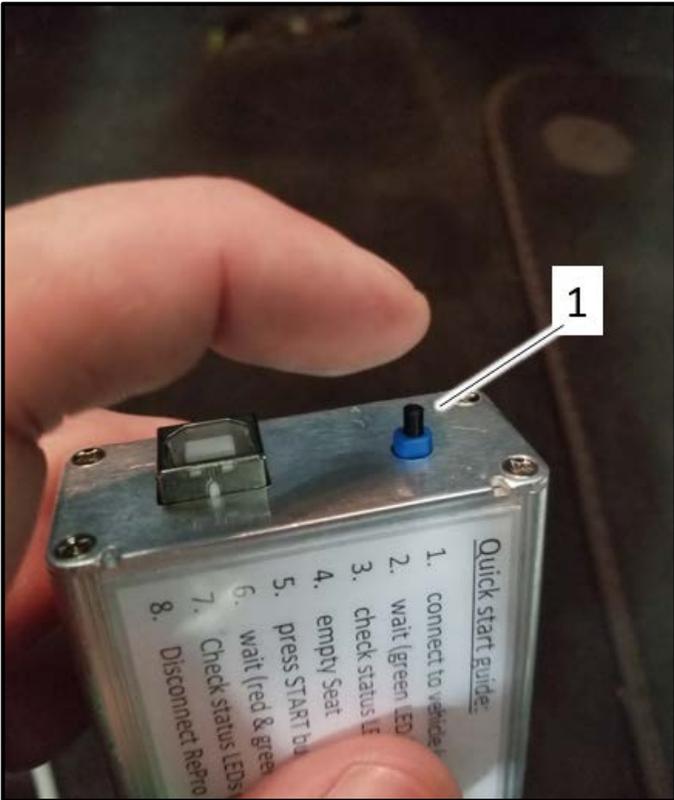


- Route the 12V power cable so that it does not rest on the passenger seat.

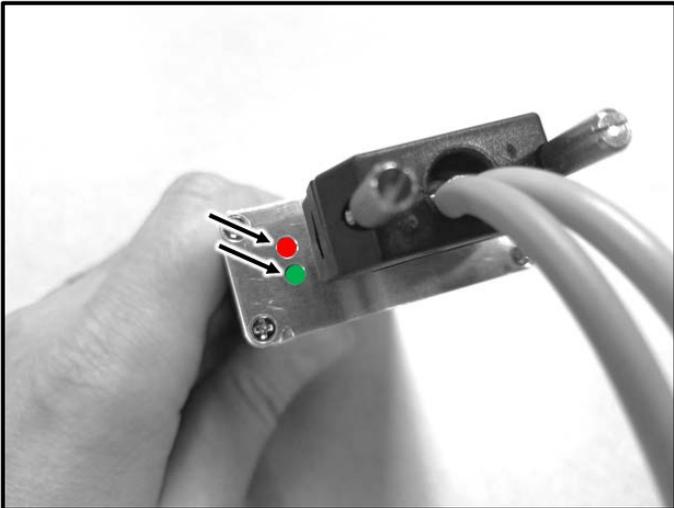
⚠ CAUTION
The Programmer cables must not rest on the seat.



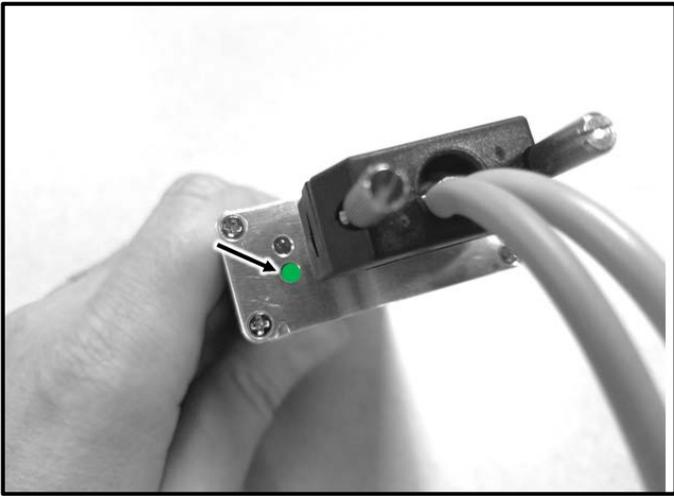
- Turn ignition on.
- Both lights <arrows> will illuminate simultaneously.
- If the lights are flashing simultaneously, see Appendix A for Programmer troubleshooting.



- Press button <1>.



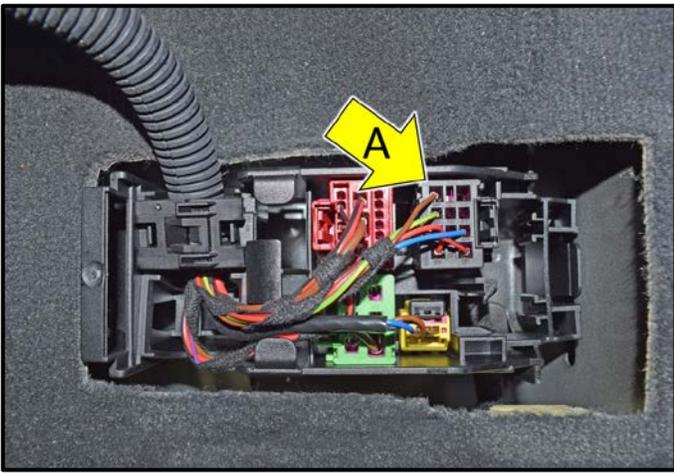
- Lights <arrows> will flash alternately.



- A green flashing light <arrow> indicates successful programming. This will take about a minute.
- Turn ignition off.
- Disconnect 12V outlet connection.
- Disconnect Programmer from PODS connector.

⚠ CAUTION

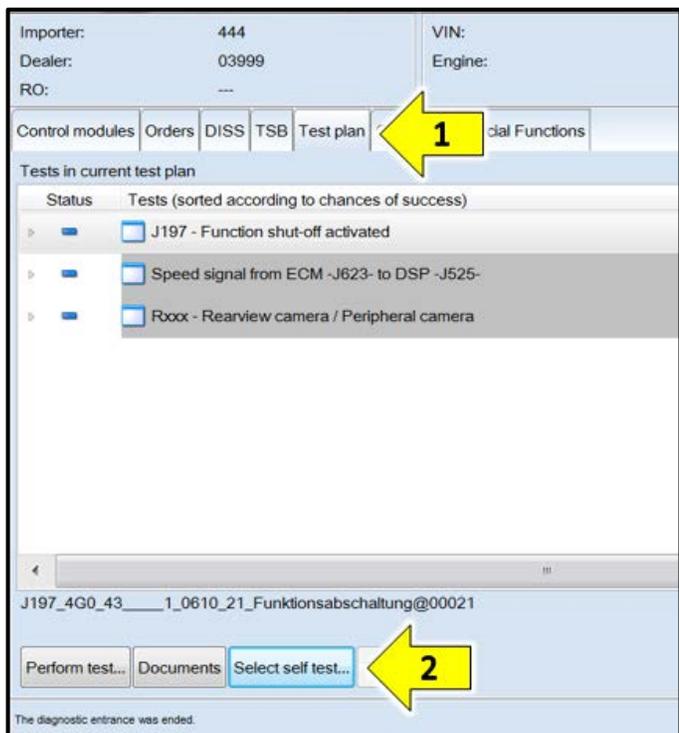
If the programming fails, the issue must be resolved before returning the car to the customer.



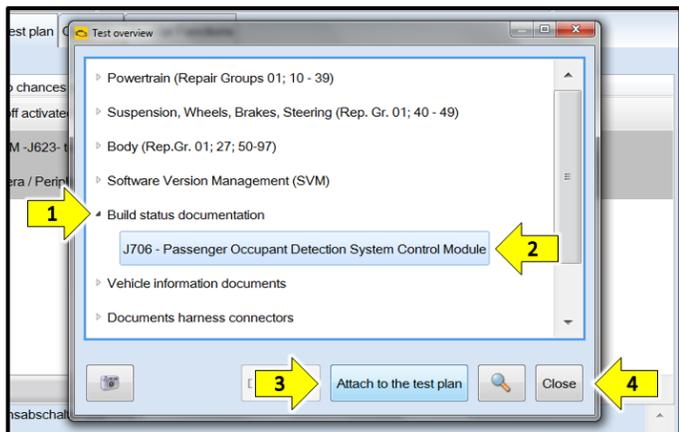
- Connect connector <arrow A>.
- Reinstall connector station cover.

Proceed to Section D.

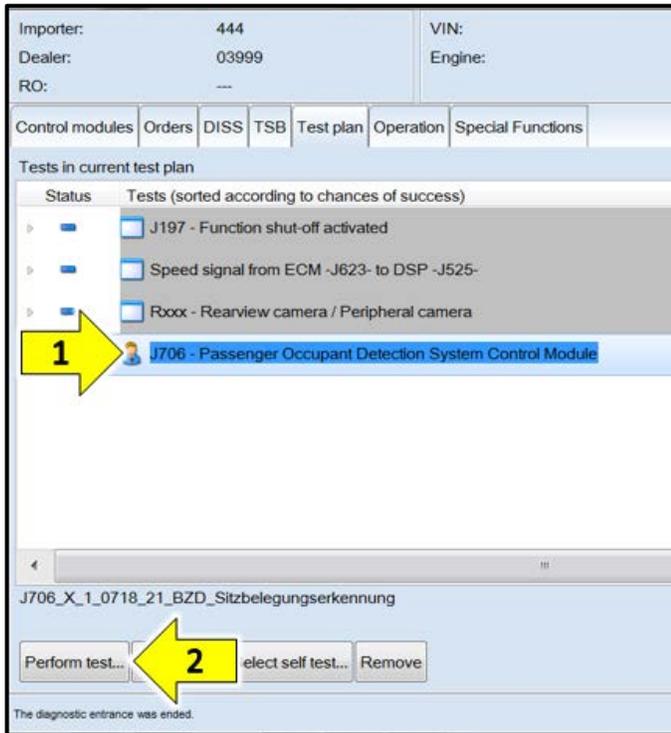
Section D – PODS Repair Documentation



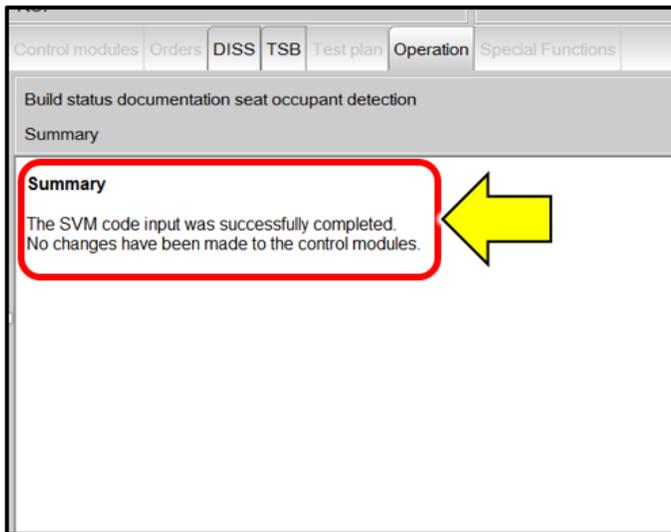
- Switch the ignition ON.
- Connect the VAS tester to the vehicle.
- Using ODIS, perform a complete GFF scan of the vehicle.
- From the “Test plan” tab <1>, select “Select self test...” <2>.



- Open “Build status documentation” <1>.
- Highlight “J706 – Passenger Occupant Detection System Control Module” <2>.
- Select “Attach to the test plan” <3>.
- Select “Close” <4>.



- Highlight the test plan “J706 – Passenger Occupant Detection System Control Module” <1>.
- Select “Perform test...” <2> and follow the on screen prompts.



- This message indicates the test plan was successful.
- Select “Complete/Continue”.
- Send the GFF Diagnostic Protocol online to GFF Paperless
- Exit GFF.
- Remove battery maintainer.

Proceed to Section D

Section D – Campaign Completion Stamp

I certify that this campaign
has been performed in strict
accordance with the applicable
Audi repair procedure.

SAGA Code: _____
Technician: _____
Date: _____

Item#: AUD4927ENG

-OR-

Je certifie que cette
campagne de rappel a été
exécutée suivant les strictes
directives de réparation
d'Audi

Code de SAGA: _____
Technicien: _____
Date: _____

Item # AUD4927FRE

- Once the campaign has been completed, the technician should stamp the repair order.
- Stamps are available for ordering through the Compliance Label Ordering Portal.
- **Proceed to Section E.**

Section E - Parts Return/Disposal

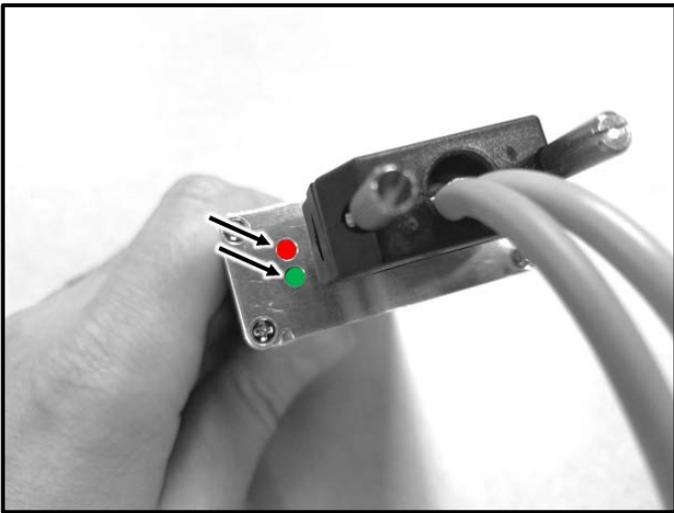
Properly store (retain), destroy or dispose of removed parts in accordance with all state/province and local requirements, unless otherwise indicated and/or requested through the Warranty Parts Portal (WPP) for U.S. and the Part Destruction and Core Disposition Report for Canada.

Appendix A – PODS Programmer Troubleshooting

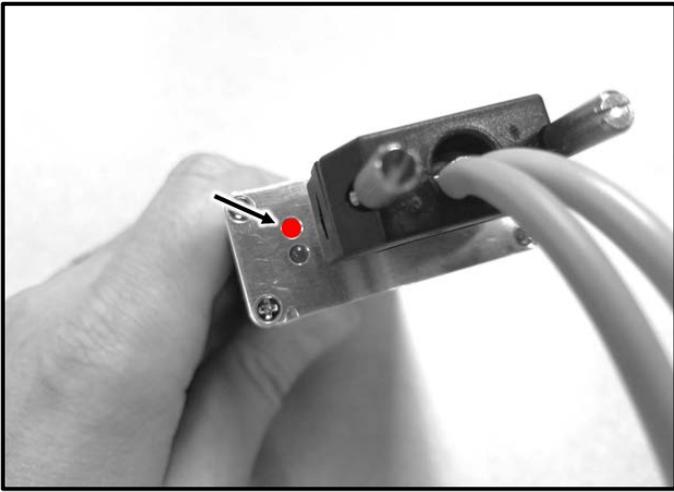
CAUTION

- If the programming fails, the issue must be resolved before returning the car to the customer.
- Never swap a PODS ECU to or from another car for any reason.

- Send requests for an additional PODS Programmer to 74D5programmer@vw.com
- Include the following in the request:
 - Reason for request.
 - Dealer code.



- If the start-up procedure fails, the red and green lights will flash simultaneously.
- This means the maximum number of stored records has been reached.
- If this situation is encountered, contact Audi Technical Assistance for further direction.



- If the programming has failed the red light will flash and one of the following may have occurred:
 - Battery voltage is too low.
 - Seat was not empty.
 - Sensor not connected to the ECU.
 - Programmer not connected to PODS seat harness.
 - Wrong PODS kit was installed.
- Once a problem is corrected, repeat the programming.
- If the above issues are all addressed and the programming still fails, contact Audi Technical Assistance for further direction and attach the following to the ATA case:
 - Photo of the Programmer lights.
 - Photo showing the battery voltage is above 12.5 volts.
 - Photo showing an EMPTY seat fully installed.
 - Photo showing the PODS sensor wiring fully connected to the PODS ECU.
 - Photo showing the Programmer fully connected to the seat harness.
 - Photo of the part number of the PODS kit (from the box the part came in).