



Safety Recall

Code: 87H4

Subject A/C Drain Tube

Release Date January 28, 2022

Affected Vehicles

Country	Beginning Model Year	Ending Model Year	Vehicle	Vehicle Count
USA	2021	2021	ATLAS	35,449
USA	2020	2021	ATLAS CROSS SPORT	18,980
CAN	2021	2021	ATLAS	2,685
CAN	2020	2021	ATLAS CROSS SPORT	1,299

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 air conditioning system water drain tube could become blocked. If this happens, water can accumulate and leak inside the vehicle, and may contact the airbag control module. This can cause airbag system malfunctions, including unwarranted airbag deployment and may increase the risk for an injury or may lead to a crash without warning.

Corrective Action

Affected vehicles will be inspected and, if a blocked drain tube is found, repaired. The airbag control unit will be replaced for those vehicles where a blocked drain tube was found.

Precautions

If this condition is present in the vehicle, the airbag warning light may illuminate if a malfunction is detected. Customers are advised to contact an authorized Volkswagen dealer if the light comes on and make arrangements to have the vehicle inspected/repaired.

Code Visibility

On or about November 23, 2021, the campaign code was applied to affected vehicles.

Owner Notification

Owner notification will take place in January 2022. 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 RECALL:

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.

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.vwhub.com.*

Parts Information (if required)

CRITICAL PARTS INFORMATION



STOP!



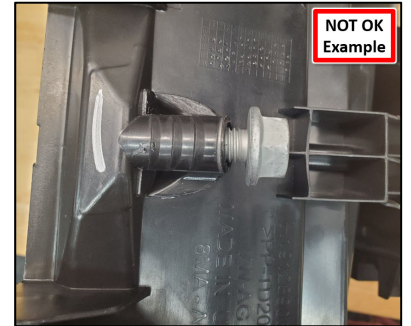
Do not order the following parts unless they are absolutely needed! The expected need for the following parts is less than 0.1%. Ordering parts unnecessarily will cause delays.

Parts Control Type:

e-mail Parts Specialist

If parts are needed to support a vehicle repair:

- Email VWoAPartsSpecialists@vw.com with VIN and Picture of a NOT OK drain tube to order.



Initial Allocation:

NO

There will be no parts allocation. Please reference the Repair Projection Tool (below) to view your potential VIN population.

Repair Projection Tool:

(right click to open)



Criteria	Quantity	Part Number	P.O.C. Part Description	Ordering Method
01	1	3Q0-959-655-DB -OR- 3Q0-959-655-DM	AIRBAG CONTROL MODULE (confirm part number in ETKA)	e-mail Parts Specialist

NOTE

The specified part numbers reflect the status at the start of this action. Interim updates made in ETKA can cause a listed part number to become unavailable. In this case, the new part number specified in ETKA should be used.

Claim Entry Instructions

The labor times listed here may differ from the labor operations and labor times listed in ELSA.

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.
- ✓ Canada dealers: Upload the repair order [signed by customer] to Volkswagen WIN/Operations/Campaign Closure.

Service Number	87H4		
Damage Code	0099		
Parts Vendor Code	WWO		
Claim Type	Sold vehicle: 7 10 Unsold vehicle: 7 90		
Causal Indicator	Mark labor as causal if airbag control module is <u>NOT</u> replaced Mark airbag control module* as causal part if airbag control module <u>IS</u> replaced		
Vehicle Wash/Loaner	Do not claim wash/loaner under this action U.S.A.: Loaner/rental coverage cannot be claimed under this action. However, loaner/rental may be covered under the Alternate Transportation Program. Please refer to the Volkswagen Warranty Policy and Procedures Manual for loaner claims information and reimbursement details. Canada: Loaner/rental coverage cannot be claimed under this action. Please refer to Volkswagen Service Loaner Program to determine loaner eligibility.		
Criteria I.D.	01		
	Inspect evaporator housing. Drain tube is not blocked. No further work is required.		
	LABOR		
	Labor Op	Time Units	Description
	0183 00 99	30	Inspect evaporator housing, drain tube is not blocked

Continued on next page

-OR-	Inspect evaporator housing. Drain tube is blocked. Drill out drain tube and replace airbag control module.		
	LABOR		
	Labor Op	Time Units	Description
	6953 55 99	70	Drill out drain tube and replace airbag control module
	2706 89 50	10	Connect battery charger
	0150 00 00	Time stated on diagnostic protocol (up to 40 TU)	Program new airbag control module
	PARTS		
	Quantity	Part Number	Description
	1.00	3Q0959655DB -or- 3Q0959655DM	Airbag control module* (confirm part number in ETKA)

The repair information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Volkswagen dealer. ©2022 Volkswagen Group of America, Inc. and Volkswagen Canada. All Rights Reserved.

Customer Letter Example (USA)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <MODEL YEAR> <BRAND> <CARLINE>, <VIN>

NHTSA: 21V892

Subject: Safety Recall 87H4 –Air Conditioning Drain Tube

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 2020-2021 model year Volkswagen vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue? The air conditioning system water drain tube could become blocked. If this happens, water can accumulate and leak inside the vehicle, and may contact the airbag control module. This can cause airbag system malfunctions, including unwarranted airbag deployment and may increase the risk for an injury or may lead to a crash without warning.

What will we do? Your authorized Volkswagen dealer can begin repairing vehicles under this recall on January 28, 2022.

To correct this defect, your authorized Volkswagen dealer will inspect your vehicle and, if a blocked drain tube is found, repair it. The airbag control unit will be replaced for those vehicles where a blocked drain tube was found.

The inspection will take about an hour to complete and will be performed for you free of charge. If, after inspection, your vehicle requires further repair or if parts need to be ordered, your dealer will require additional time for parts to be shipped and to complete this 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.

What should you do? Please contact your authorized Volkswagen dealer without delay to schedule this recall repair. To set up an appointment online, please visit www.vw.com/find-a-dealer.

Precautions you should take If the recall condition is present in the vehicle, the airbag warning light may illuminate if a malfunction is detected. If the light comes on, please contact an authorized Volkswagen dealer without delay and make arrangements to have the vehicle inspected/repared.

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.

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 reach out to us using your preferred method of communication at www.vw.com/contact or by calling us at 800-893-5298.

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 www.vw.com/owners/recalls and enter your Vehicle Identification Number (VIN) into the Recall/Service Campaign Lookup tool.

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

The repair information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Volkswagen dealer. ©2022 Volkswagen Group of America, Inc. and Volkswagen Canada. All Rights Reserved.

Customer Letter Example (Canada)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <MODEL YEAR> <BRAND> <CARLINE>, <VIN>

Transport Canada Recall: 2021-705

Subject: Safety Recall 87H4 –Air Conditioning Drain Tube

Dear Volkswagen Owner,

This notice is sent to you in accordance with the requirements of the *Motor Vehicle Safety Act*. This is to inform you that your vehicle may contain a defect that could affect the safety of a person. Our records show that you are the owner of a vehicle affected by this action.

What is the issue?	The air conditioning system water drain tube could become blocked. If this happens, water can accumulate and leak inside the vehicle, and may contact the airbag control module. This can cause airbag system malfunctions, including unwarranted airbag deployment and may increase the risk for an injury or may lead to a crash without warning.
What will we do?	<p>Your authorized Volkswagen dealer can begin repairing vehicles under this recall on January 28, 2022.</p> <p>To correct this defect, your authorized Volkswagen dealer will inspect your vehicle and, if a blocked drain tube is found, repair it. The airbag control unit will be replaced for those vehicles where a blocked drain tube was found.</p> <p>The inspection will take about an hour to complete and will be performed for you free of charge. If, after inspection, your vehicle requires further repair or if parts need to be ordered, your dealer will require additional time for parts to be shipped and to complete this repair.</p> <p>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.</p>
What should you do?	Please contact your authorized Volkswagen dealer without delay to schedule this recall repair.
Precautions you should take	If the recall condition is present in the vehicle, the airbag warning light may illuminate if a malfunction is detected. If the light comes on, please contact an authorized Volkswagen dealer without delay and make arrangements to have the vehicle inspected/repared.
Lease vehicles and address changes	If you are the lessor and registered owner of the vehicle identified in this letter, you shall forward this letter (and any subsequent notice, if applicable) to the lessee within ten (10) days of receipt. If you have changed your address or sold the vehicle identified in this letter, please fill out the enclosed prepaid Owner Reply Card and mail it to us so we can update our records.
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, please contact Customer Relations, Monday through Friday from 8AM to 8PM EST by phone at 1-800-822-8987 or via our "Contact Us" page at www.vw.ca .

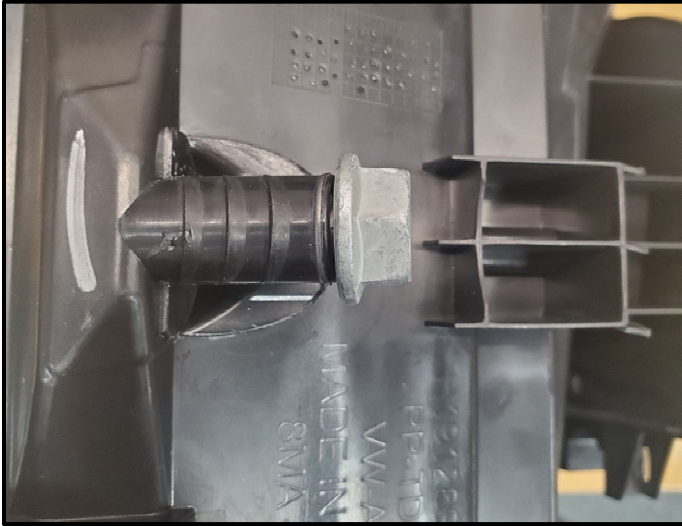
We apologize for any inconvenience this matter may cause; however we are taking this action to help ensure your safety and continued satisfaction with your vehicle.

Sincerely,

Volkswagen Customer Protection

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Repair Overview



- Inspect evaporator drain tube.
- Rework evaporator housing drain tube and replace airbag control module, if necessary.



NOTE

- These repair instructions may differ from the labor operations and labor times listed in ELSA.
- 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.

WARNING

Risk of injury. Refer to "Warning and Safety Precautions", found in **Appendix A** at the end of this document.

Required Tools

 <p>87H4 Drill Bit with Stop -VWAAUDI87H4 - (if required)</p>	<p>⚠ IMPORTANT TOOL INFORMATION</p> <p>The VWAAUDI87H4 Drill Bit with Stop is only required if a drain tube is found blocked.</p> <p>As tools become available, VWAAUDI87H4 will be auto-shipped to Volkswagen Dealers at no cost (one per dealer).</p> <p>In the event of an <u>emergency</u> need before the auto-shipment, visit www.vw.snapon.com for special ordering instructions. <i>TIP: search VWAAUDI87H4</i></p>
 <p>M10 x 30 Bolt N -106-978-01 (used for the drain tube inspection)</p>	

Repair Instruction

Section A - Check for Previous Repair

TIP

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

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

EXAMPLE

Campaign/Action	Start	Designation
	2015-11-10	W-SERV_ACT -
	2018-12-13	RECALL -
	2017-05-16	A-RECALL -

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.

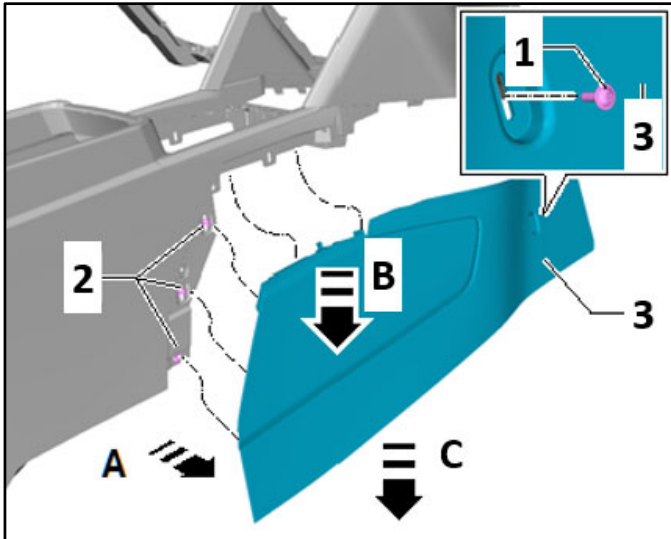
CRITICAL REPAIR STEP



If multiple software update Campaign/Actions are open, they must be performed in order of the Start date <arrow 3>. The oldest should be performed first.

- **All Safety Recalls must be completed prior to completing this campaign.**
- **Proceed to Section B.**

Section B – Evaporator Drain Tube Inspection



Remove passenger side center console trim panel:

- Remove the bolt <1>.
- Pull down slightly at the front on the console trim.
- Unclip the center console footwell trim panel <3> from the three center console mounts <2> <arrow A>.
- Remove the center console footwell trim panel <3> from the center console mounts <arrows B and C>.

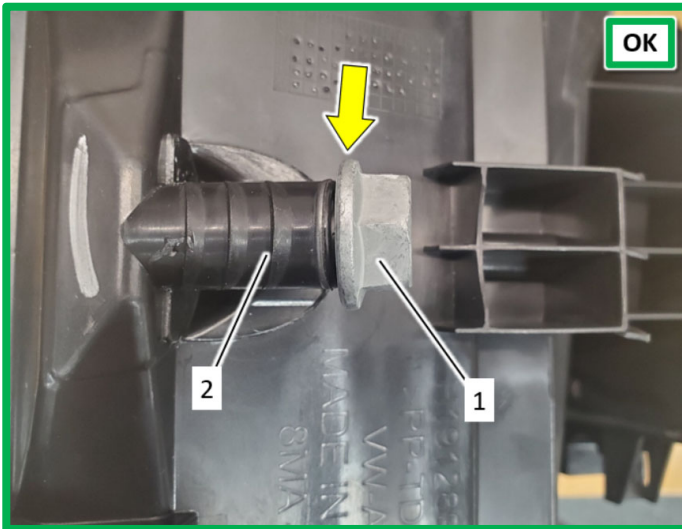


- The front seat rail may not have a protective cover.
- Place a clean cloth or tape between the seat rail and console trim in the area shown to prevent scratching the trim panel during removal.



Remove evaporator drain hose:

- Cover the airbag control module with a cloth to catch any residual water still present in the evaporator drain.
- Carefully disconnect evaporator drain hose.
- Ensure the hose is not damaged or torn when pulling off.
- Use hose removal tools if needed.



Inspect the evaporator drain tube:

⚠ CAUTION

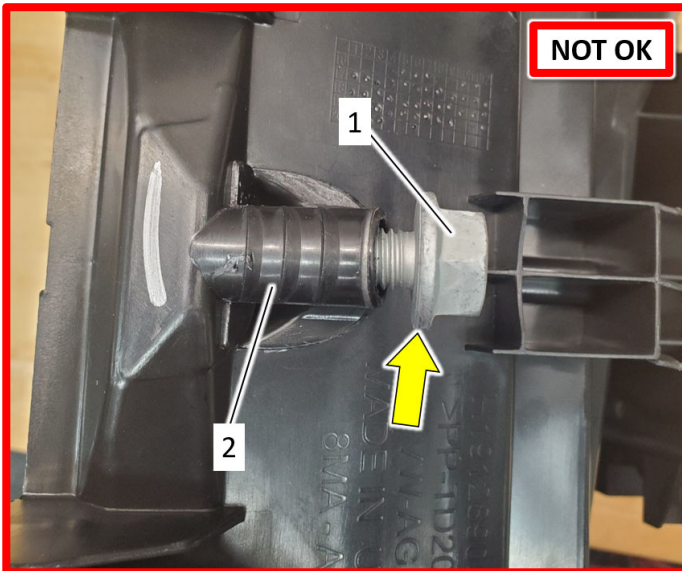
Risk of damaging evaporator

DO NOT use any other bolt or tool to check for a blocked evaporator housing drain tube. Doing so could damage the evaporator.

- Use ONLY shouldered bolt, part number N-106-978-01, for the inspection.
- Insert bolt <1> into the evaporator housing drain tube <2>.
- If the bolt can be fully inserted up to the bolt's shoulder <arrow>:
 - REMOVE THE BOLT.
 - The evaporator drain tube is OK.
 - **Proceed to Section D.**

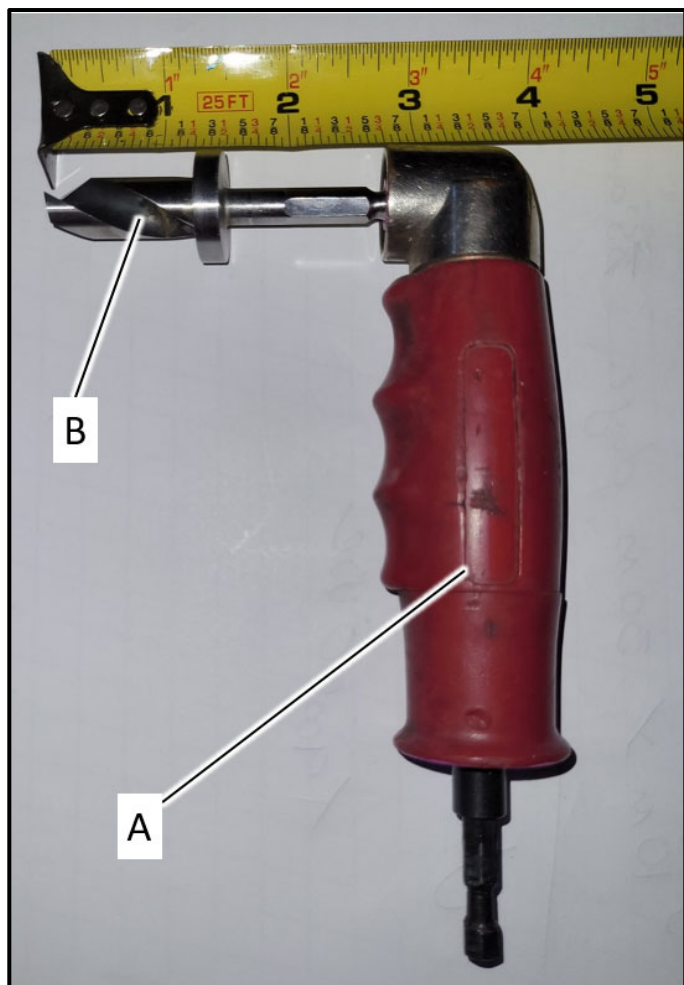
! NOTE

Evaporator housing shown removed for clarity.



- If the bolt cannot be fully inserted into the evaporator housing up to the bolt's shoulder <arrow>:
 - REMOVE THE BOLT.
 - The evaporator housing drain tube is blocked.
 - The airbag control module must be replaced.
 - The evaporator housing must be reworked.
 - **Proceed to Section C.**

Section C – Evaporator Drain Tube Rework and Airbag Control Module Replacement



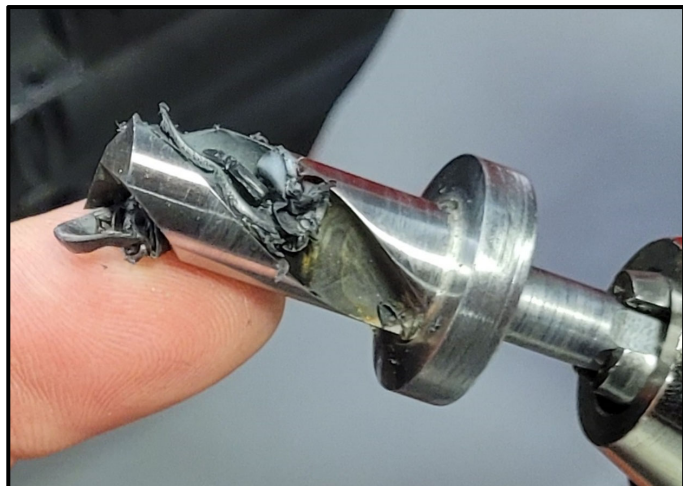
Drilling evaporator housing:

CAUTION

Risk of damaging evaporator

DO NOT use any other drill bit when repairing the blocked evaporator housing drain tube. Doing so could damage the evaporator.

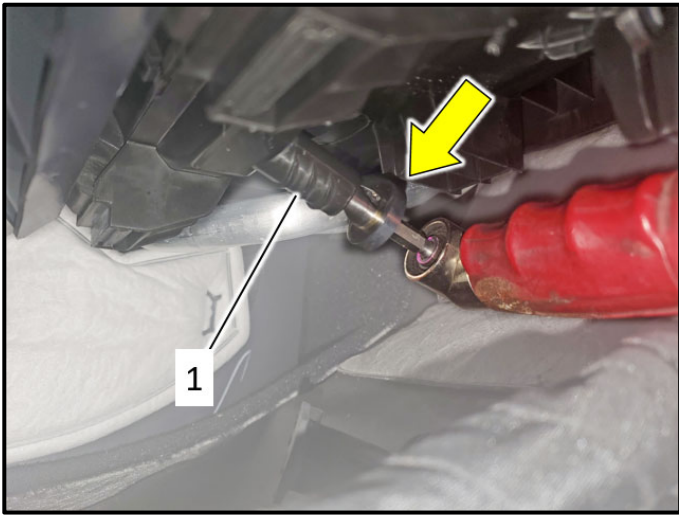
- Use a commercially available 90° drill adapter <A> in conjunction with -VWAAUDI87H4 -.
- The overall length of the drill bit and adapter should not exceed approximately 10 cm (4 inches).



CAUTION

After drilling the evaporator housing, **DO NOT** reverse the drill direction!!

Doing so will discharge the plastic remains back into the evaporator housing. This could lead to blockage of the evaporator drain hose and damage to the airbag control module.



⚠ CAUTION

Risk of damaging evaporator housing

The intention of drilling is to remove the blockage where the tube meets the housing.

DO NOT drill on an angle. Doing so could damage the inside wall of the drain tube.

- Place the drill bit inside the evaporator drain tube <1> and drill until the stop <arrow> makes contact with the drain tube.
- When removing the drill bit, **DO NOT** reverse the direction of the drill.

Replacing airbag control module:

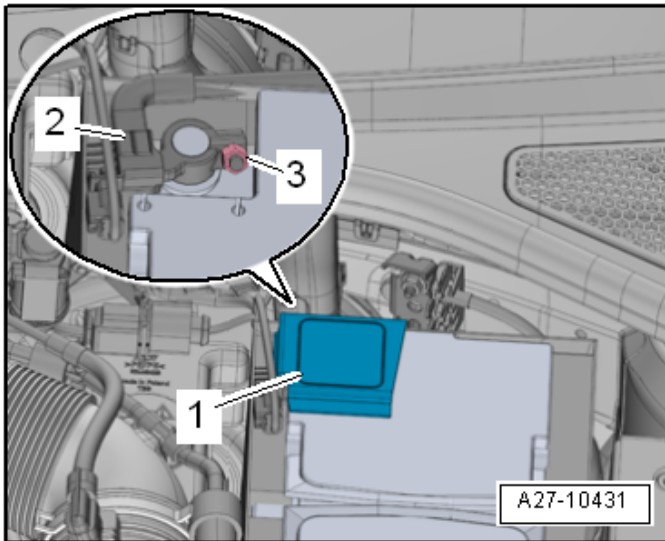
⚠ WARNING

Accident risk. When working on pyrotechnic components (such as airbags and belt tensioners), the battery must be disconnected with the ignition switched **ON**.

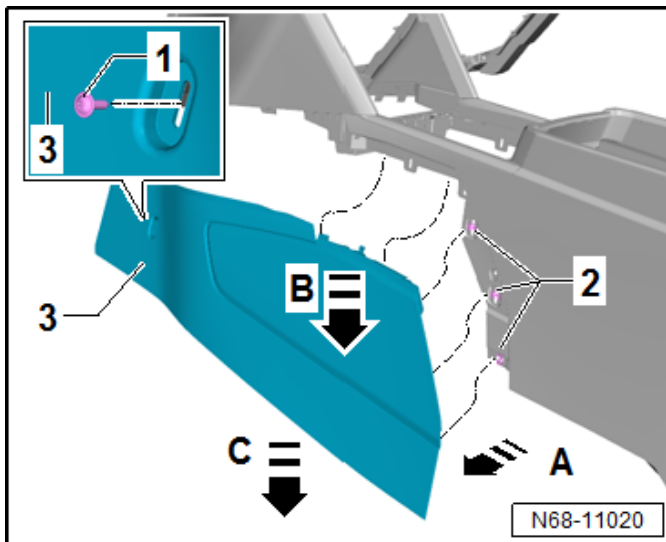
- Turn **ON** the ignition.
- Move the driver and passenger seat to the most rearward position.
- Fully recline driver and passenger seat.

⚠ CAUTION

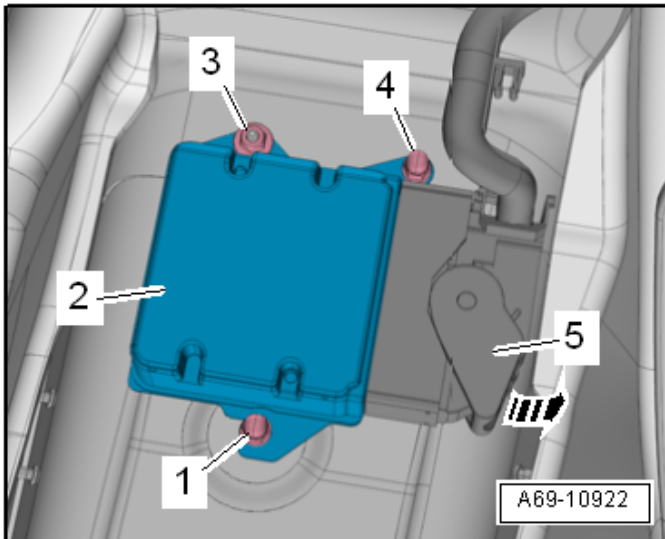
Reclining the seats before disconnecting the battery allows for additional safety in the event Terminal 15 power is not restored when reconnecting the battery at the end of the repair.



- Open the cover <1> over the battery ground terminal post.
- Loosen the nut <3>.
- Remove and isolate the battery ground cable <2> from the battery terminal.



- Remove driver side center console trim panel.
 - Remove the bolt <1>.
 - Pull down slightly at the front on the console trim.
 - Unclip the center console footwell trim panel <3> from the three center console mounts <2> <arrow A>.
- Remove the center console footwell trim panel <3> from the center console mounts <arrows B and C>.



⚠ DANGER

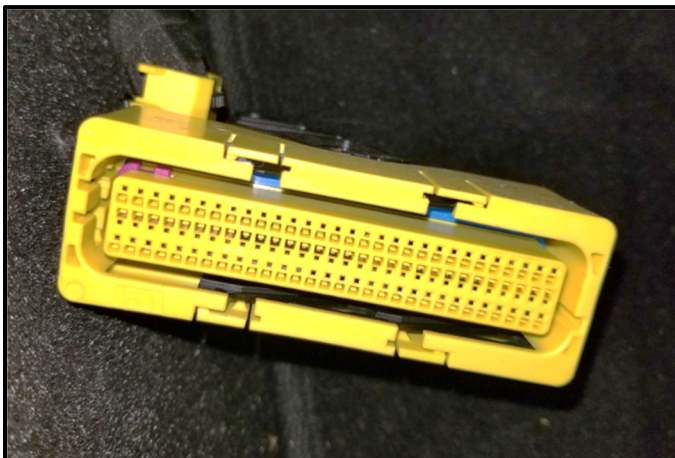
The battery must be disconnected before proceeding. Moving the airbag control module with the battery connected could result in unintended airbag deployment.

- Remove the nut <3> in the front of the driver footwell.

⚠ WARNING

Before handling pyrotechnic components (for example, disconnecting the connector), the person handling it must “discharge static electricity”. This can be done by touching the door striker, for example.

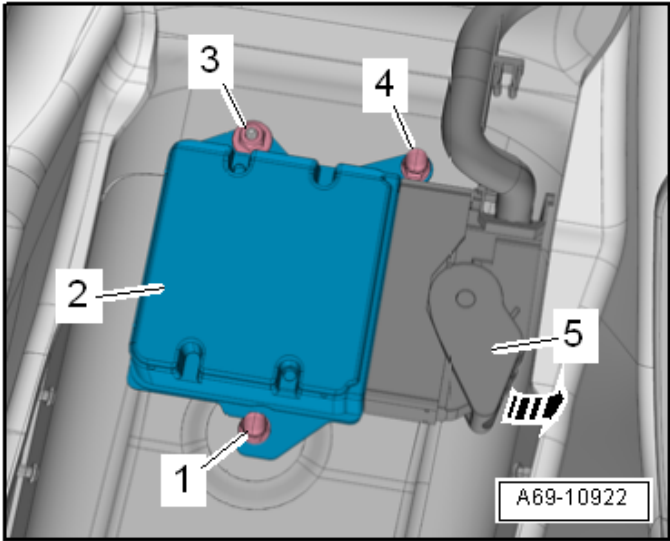
- Disconnect the connector in the front passenger footwell by releasing the connector safety catch and opening the locking clip <5> on the connector <arrow>.
- Remove the nuts <1 and 4>.
- Carefully lift the airbag control module <2> from the threaded pins and remove it toward the passenger side.
- When replacing the airbag control module:
 - Inspect the pins on the old airbag control module for corrosion.
 - Inspect the airbag control module connector for signs of corrosion or moisture.
- If only moisture is found:
 - Use compressed air to dry out connector and connector housing.
- If corrosion is found:
 - The pins in the connector must be inspected and replaced.
 - The connector cap must be replaced.



ⓘ NOTE

If corrosion is found:

- U.S. dealers: Provide a photo and submit a campaign authorization request for consequential damage.
- Canadian dealers: Create a VTA WEB ticket and attach photos of the corrosion.



- Ensure the threads on the fasteners and studs are free of paint and dirt.

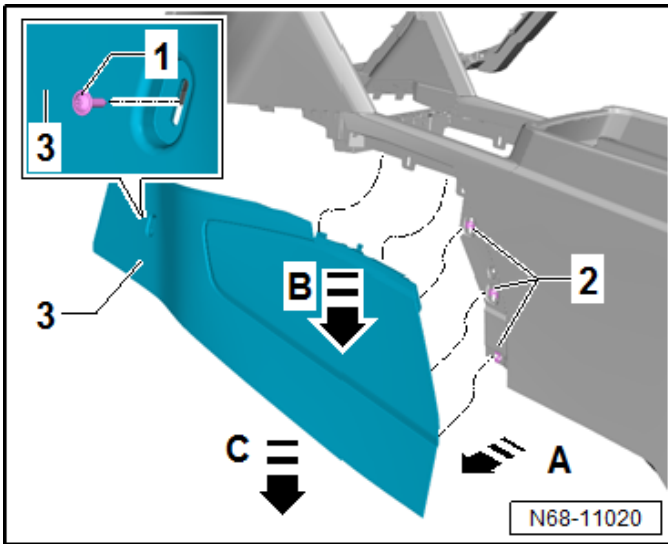
NOTE

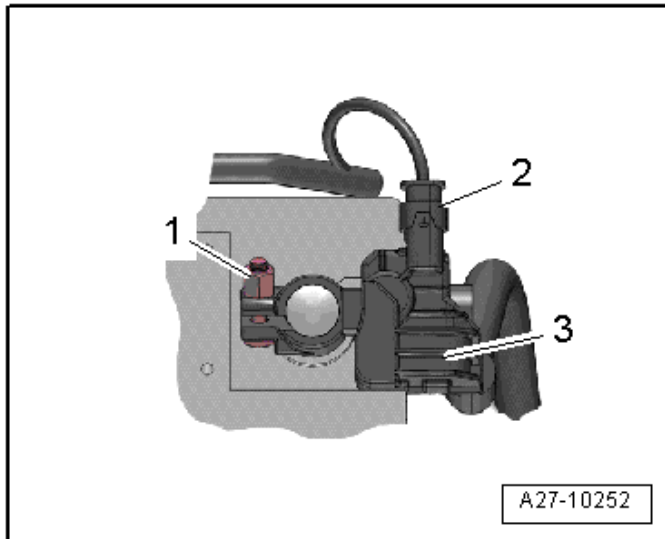
Nut and ground pin serve as a ground connection for the control module.

- Install new airbag control module.

Part Number	Part Description
3Q0-959-655-DB -or- 3Q0-959-655-DM	Airbag Control Module
<i>Confirm part number in ETKA</i>	

- Install nuts <1, 3 and 4> and torque to 9 Nm.
- Connect connector <5>.
- Install the driver side center console trim panel and torque bolt <1> to 1.5 Nm.





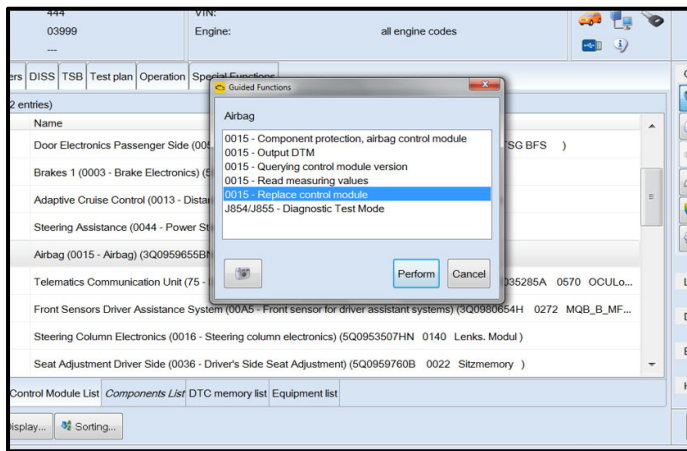
⚠ WARNING

Ignition must be **ON** when connecting battery. If pyrotechnic components (e.g. airbag, belt tensioner) are not repaired correctly, they may deploy unintentionally after connecting battery. There must not be anyone inside the vehicle when connecting the battery.

- Disconnect the connector <2> from the Battery Monitoring Control Module -J367- <3>.
- Attach the battery ground cable clamp by hand to the battery negative terminal and torque the nut <1> to 6 Nm.
- Reconnect the connector to the Battery Monitoring Control Module -J367-.
- Cycle the ignition off and back on.
- Bring driver and passenger seat to an upright position.
- Set clock to local time.
- Activate the convenience open/close functions.
- Connect the ODIS tester and check the DTC memories of all the control units and erase under-voltage faults if necessary.

! NOTE

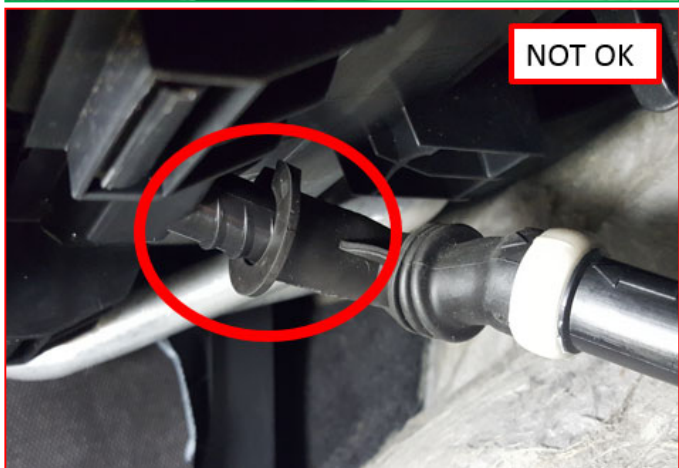
- After connecting the battery and switching on the ignition, the ASR/ESP Control Lamp -K155- and Electromechanical Power Steering Indicator Lamp light up continuously. The indicator lamps switch off automatically after driving a short distance (less than 100 meters). This activates Steering Angle Sensor -G85-.
- Once -G85- is activated and the ignition is cycled, the Start/Stop function will also start working again and any faults related to the battery being disconnected should be able to be cleared.



- Perform the Guided Functions test plan “0015 – Replace control module” for the new airbag control module.

Proceed to Section D

Section D – Vehicle Reassembly



Reassemble the vehicle in the reverse order of removal and note the following:

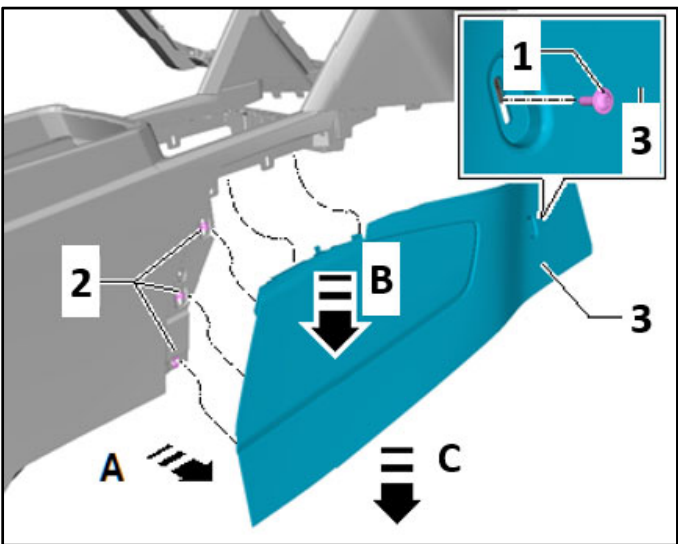
- Ensure the hose is free of debris/blockage.
- Ensure evaporator drain hose is fully seated on the evaporator housing.
- Ensure the hose is not twisted.



- The connection at the body can come loose when removing the hose from the evaporator housing.
- Inspect the evaporator drain tube installation at the body.
- If the tab <circle> is not installed into the body and the drain tube is not twisted, the drain tube must be reinstalled correctly/fully.

TIP

If tube is to be reinstalled, spray water on the body or the drain tube to aid in installation.



- Install the passenger side center console trim panel and torque bolt <1> to 1.5 Nm.

Proceed to Section E

Section E – Campaign Completion Label

Install Campaign Completion Label

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



TIP

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

Proceed to Section F

Section F - 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 – Warning and Safety Precautions

WARNING

General Safety Precautions when Working with Pyrotechnic Components:

- Pyrotechnic components always contain propellant that generates a gas during combustion. In some components, there is also a supply of pressurized gas to ensure this gas is generated
- This pressurized gas is stored under high pressure in a compressed gas container. Pyrotechnic components are triggered by electrical/mechanical igniters.
- Only trained personnel should perform testing, assembly and servicing work. Airbags do not have a replacement interval.
- Never check with test lamps, voltmeter or ohmmeters.
- Only check pyrotechnic components when they are installed in the vehicle using vehicle diagnosis, testing and information systems approved by the manufacturer.
- When working on pyrotechnic components and the airbag control module, disconnect the battery ground strap while the ignition is switched on. Then cover the negative terminal.
- Wait 10 seconds after disconnecting the battery.
- The ignition must be SWITCHED ON when connecting the battery. There should not be anyone inside the vehicle when doing this.
- Exception: vehicles with batteries in the passenger compartment. In this case, stay outside the range of the airbags and seat belts.
- Wash your hands after touching ignited pyrotechnic components from the restraint system.
- Do not open or repair pyrotechnic components. Use only new components to reduce the risk of injury.
- Do not install pyrotechnic components that have fallen onto a hard surface or show signs of damage.
- Discharge static electricity before handling pyrotechnic components, for example before disconnecting the electrical connector. This can be done by touching grounded metal objects such as the door striker pin.
- Install pyrotechnic components immediately after removing them from their transport packaging. If you must stop working, store the pyrotechnic component in its original transport packaging.
- Do not leave pyrotechnic components lying in the open unattended.
- Do not treat pyrotechnic components with grease, cleaning solutions or similar products.
- Do not expose pyrotechnic components to temperatures above 100 °C, even for brief periods of time.
- People in the immediate vicinity of the workplace must be protected from possible noise and projectiles.
- Pyrotechnic components can trigger unintentionally.
- In the event of unintentional deployment:
 - Single-stage inflators: allow airbag to cool down completely. Wait at least 10 minutes before handling.
 - Two-stage inflators: wait for second airbag ignition. Allow airbag to cool down completely. Wait at least 10 minutes before handling.