

Safety Recall

Code: 69P6



Subject	Takata Passenger Frontal Airbag Inflator (DIR2)													
Release Date	March 15, 2018													
Affected Vehicles	<p>U.S.A.: Certain 2005-2009 MY Audi Vehicles with Takata Passenger Frontal Airbag Inflator</p> <p>CANADA: Certain 2005-2011 MY Audi Vehicles with Takata Passenger Frontal Airbag Inflator</p> <p><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></p> <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 front passenger airbag may explode in a crash with airbag deployment. Sharp metal fragments can hit people and cause serious injury or death.													
Corrective Action	<p>Perform an interim repair to replace the passenger frontal airbag inflator with a newly manufactured version.</p> <p>The National Highway Traffic Safety Administration (NHTSA) has concluded, based on information it has collected, that the age of the inflator, temperature cycling, and environmental moisture are likely the root cause of rupturing. Therefore, replacing the older inflator with a newer version reduces the safety risk associated with the vehicle until a final remedy is available.</p> <p>All vehicles repaired with this interim remedy will be offered a free-of-charge final remedy at a future date. Customers will be notified again via first-class mail when the final remedy is available.</p>													
Repair Availability	<table border="1"> <thead> <tr> <th>Criteria</th> <th>Model</th> <th>Repair Availability and Expected Timing</th> </tr> </thead> <tbody> <tr> <td>4F and D2</td> <td>A6</td> <td>Available</td> </tr> <tr> <td>8E and D2</td> <td>A4</td> <td>Available</td> </tr> <tr> <td>8H and D2</td> <td>A4 Cabriolet S4 Cabriolet RS4 Cabriolet</td> <td>Not Available – June</td> </tr> </tbody> </table>		Criteria	Model	Repair Availability and Expected Timing	4F and D2	A6	Available	8E and D2	A4	Available	8H and D2	A4 Cabriolet S4 Cabriolet RS4 Cabriolet	Not Available – June
Criteria	Model	Repair Availability and Expected Timing												
4F and D2	A6	Available												
8E and D2	A4	Available												
8H and D2	A4 Cabriolet S4 Cabriolet RS4 Cabriolet	Not Available – June												
Precautions	<p>Owners are advised to have the inflator replaced as soon as possible and not wait for the final remedy. If a vehicle with a recalled Takata airbag inflator is involved in a crash with airbag deployment, the inflator could rupture and send shrapnel toward everyone in the vehicle. People have been killed and seriously injured by this defect.</p> <p>Owners are also advised to inform all other drivers and passengers of an affected vehicle about this important information.</p> <p>Audi recommends avoiding use of the front passenger seat whenever possible until the recall repair has been performed.</p>													

Parts Information

Dealers are expected to manage the allocations they receive carefully and schedule customers accordingly to ensure that highest-risk customer vehicles are repaired promptly and without unreasonable delay.

Parts allocation will take place prior to customer notification. If additional parts are needed for critical cases, please contact the Parts Specialists at vwoaspecialservices@vw.com.

Code Visibility

On or about March 15, 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 March 15, 2018, this campaign code will show open on affected vehicles in Elsa.

Affected vehicles are 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 March 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.

Criteria I.D.	8H and D2 (Audi A4 Cabriolet, S4 Cabriolet, and RS4 Cabriolet)
	REPAIR NOT YET AVAILABLE

Customer Letter Example (USA)

NHTSA: 17V032

**Subject: Safety Recall 69P6 – Takata Passenger Frontal Airbag Inflator (DIR2)
Certain 2005-2009 Model Year Audi Vehicles with Takata Passenger Frontal Airbag Inflator**

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 2005-2009 model year Audi vehicles with a Takata passenger frontal airbag inflator. Our records show that you are the owner of a vehicle affected by this action.

DANGER!

The front passenger airbag may explode in a crash with airbag deployment. Sharp metal fragments can hit people and cause serious injury or death.

What will we do?

To address this defect, your authorized Audi dealer will perform an interim repair to replace the passenger frontal airbag inflator with a newly manufactured version.

The National Highway Traffic Safety Administration (NHTSA) has concluded, based on information it has collected, that the age of the inflator, temperature cycling, and environmental moisture are likely the root cause of rupturing. Therefore, replacing the older inflator with a newer version reduces the safety risk associated with the vehicle until a final remedy is available.

This work will take about an hour to complete and will be performed for you free of charge.

All vehicles repaired with this interim remedy will be offered a free-of-charge final remedy at a future date. We will notify you again via first-class mail when the final remedy is available.

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

PRECAUTIONS YOU SHOULD TAKE

- ***Do not delay in having this recall repair performed.* Make an appointment with your authorized dealer to have the recalled Takata airbag inflator in your vehicle replaced as soon as possible. If a vehicle with a recalled Takata airbag inflator is involved in a crash with airbag deployment, the inflator could rupture and send shrapnel toward everyone in the vehicle. People have been killed and seriously injured by this defect.**
- **If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.**
- **Audi recommends avoiding use of the front passenger seat whenever possible until the recall repair has been performed.**

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 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)

**Subject: Safety Recall 69P6 – Takata Passenger Frontal Airbag Inflator (DIR2)
Certain 2005-2011 Model Year Audi Vehicles with Takata Passenger Frontal Airbag Inflator**

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 2005-2011 model year Audi vehicles with a Takata passenger frontal airbag inflator. Our records show that you are the owner of a vehicle affected by this action.

DANGER!

The front passenger airbag may explode in a crash with airbag deployment. Sharp metal fragments can hit people and cause serious injury or death.

What will we do?

To address this defect, your authorized Audi dealer will perform an interim repair to replace the passenger frontal airbag inflator with a newly manufactured version.

The National Highway Traffic Safety Administration (NHTSA) has concluded, based on information it has collected, that the age of the inflator, temperature cycling, and environmental moisture are likely the root cause of rupturing. Therefore, replacing the older inflator with a newer version reduces the safety risk associated with the vehicle until a final remedy is available.

This work will take about an hour to complete and will be performed for you free of charge.

All vehicles repaired with this interim remedy will be offered a free-of-charge final remedy at a future date. We will notify you again via first-class mail when the final remedy is available.

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

Precautions you should take

PRECAUTIONS YOU SHOULD TAKE

- **Do not delay in having this recall repair performed. Make an appointment with your authorized dealer to have the recalled Takata airbag inflator in your vehicle replaced as soon as possible. If a vehicle with a recalled Takata airbag inflator is involved in a crash with airbag deployment, the inflator could rupture and send shrapnel toward everyone in the vehicle. People have been killed and seriously injured by this defect.**
- **If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.**
- **Audi recommends avoiding use of the front passenger seat whenever possible until the recall repair has been performed.**

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 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

⚠ DANGER

- The driver frontal airbag inflator could potentially rupture (due to propellant degradation occurring after long-term exposure to absolute high humidity and temperature cycling). In the event of an inflator rupture, in very rare cases metal fragments could pass through the airbag cushion material, which may result in serious injury or death.
- All Takata Recalls should be performed before any other work is performed on the vehicle.

⚠ WARNING

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

! 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.

Required Parts

<u>Criteria</u>	<u>Model</u>	<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
4F	A6	1	8H1898237	Passenger Airbag Inflator Kit - “Freiberg”
		4	N 02300213	M6 Self Locking Nut
		4	N 90654602	M6 x 18.25 Bolt (airbag bracket to central tube)
		4	N 10305302	M6 x 20 Bolt (airbag bracket to airbag)
8E	A4	1	8H1898237	Passenger Airbag Inflator Kit - “Freiberg”
		4	N 90887703	M6 Self Locking Nut
8H	A4 Cabriolet, S4 Cabriolet and RS4 Cabriolet	REPAIR NOT YET AVAILABLE		

! NOTE

All inflator kits include inflator, airbag case nuts, inflator wiring harness, and return instructions.

Required Safety Equipment



- Ear Protection (locally sourced)

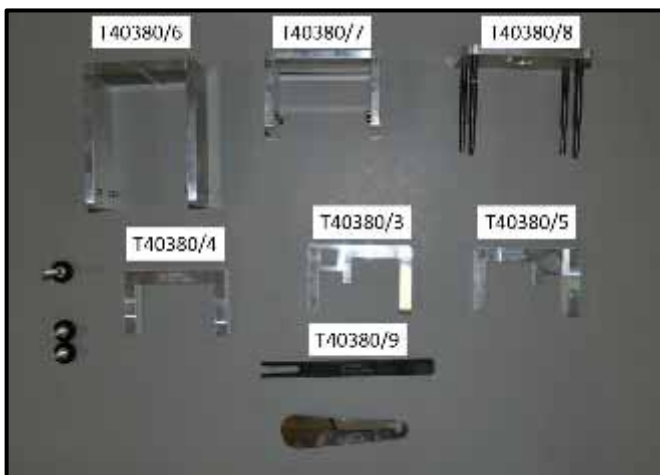


- Face Shield (locally sourced)

Required Tools



- Inflator Tool Kit:
 - Airbag Support – T40380
 - “Monclova” Alignment Tool – T40380/3
 - Bracket – T40380/4
 - “Freiberg” Alignment Tool – T40380/5
 - Support Bracket – T40380/6
 - Support Bracket – T40380/7
 - Removal Tool – T40380/8
 - Short and Long Knurled Bolts
 - Installation Tool





- ESD Worksurface -VAS 6613-



- VAS6150D - Diagnostic Tester (or equivalent)
- VAS5054A – Remote Diagnosis Head (or equivalent)



- VAG1410 – Torque Wrench (or equivalent)



- Bar Code Scanner -VAS6161/1-



- Radio Removal Tool -T10057-



- Fiber-Optic Repair Set - Connector Protective Caps -VAS6223/9-

Required Work Environment

⚠ WARNING

Risk of injury.

It is critical that a clean, uncongested work environment is utilized during the inflator replacement procedure. Extra tools, debris, etc... in the blast area of an airbag impose a danger in the event an airbag were to deploy. Ensure there are no loose components in the blast area of the airbag.

❗ NOTE

The work area must be in the vicinity of the scan tool and the vehicle in order to properly complete this procedure.



- Workbench that will support a vice.
- Work surface free of unnecessary tools, equipment and debris.

⚠ WARNING

There should be at least one meter of open space behind the workbench.

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.

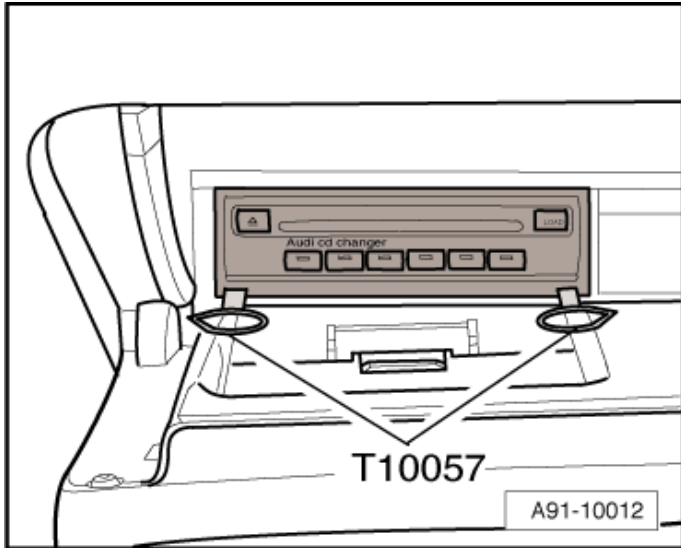
TIP

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

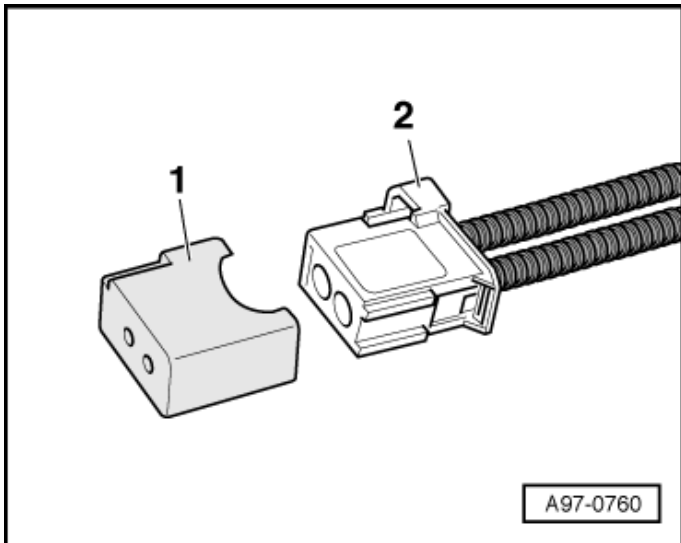
- Confirm the Campaign/Action is open <arrow 1>. If the status is closed, no further work is required.
- Note the Applicable Criteria ID <arrow 2> for use in determining the correct work to be done and corresponding parts associated.

Proceed to Section B

Section B – Passenger Airbag Identification

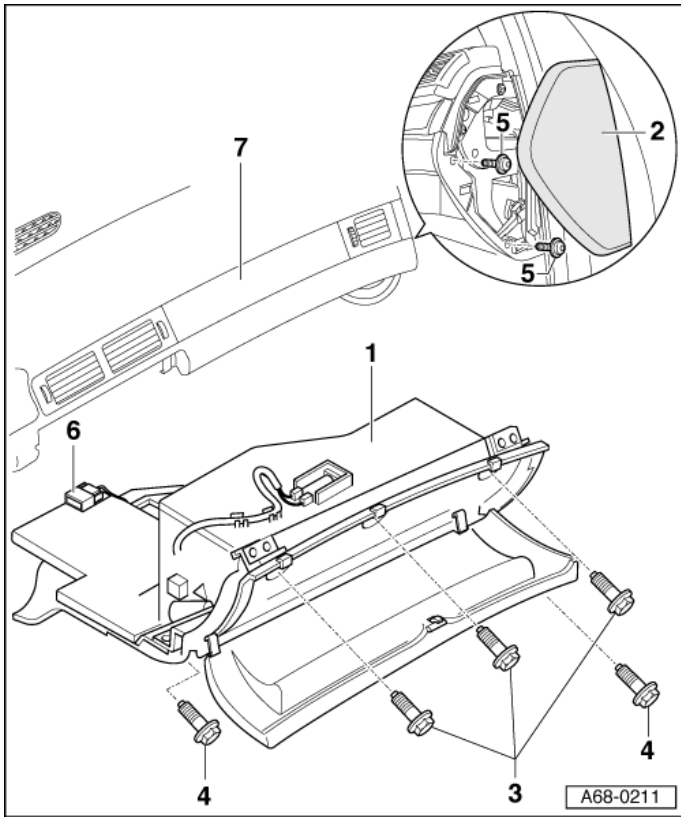


- If applicable, remove CD Changer -R41- as follows:
 - Insert 2 clamps on Radio Removal Tool - T10057- in front side of CD Changer - R41-.
 - Top L = upper left.
 - Top R = upper right.
 - Remove CD Changer -R41- from installation frame.
 - Disconnect electrical connector.
 - Disconnect fiber optic connector <2>.
 - Seal the open wiring set connector <2> for fiber-optic cable using Protective Cap for Cable Connector -VAS 6223/9- <item 1>.
 - Remove release tools by pressing locking tabs on CD Changer -R41-.

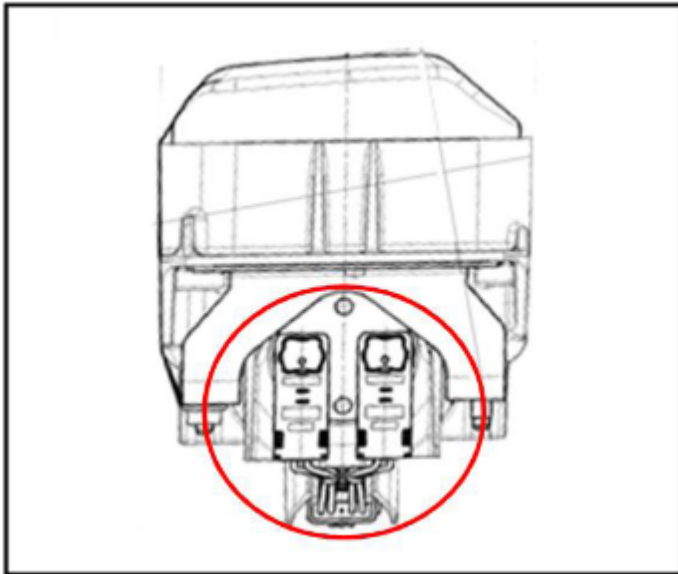


! NOTE

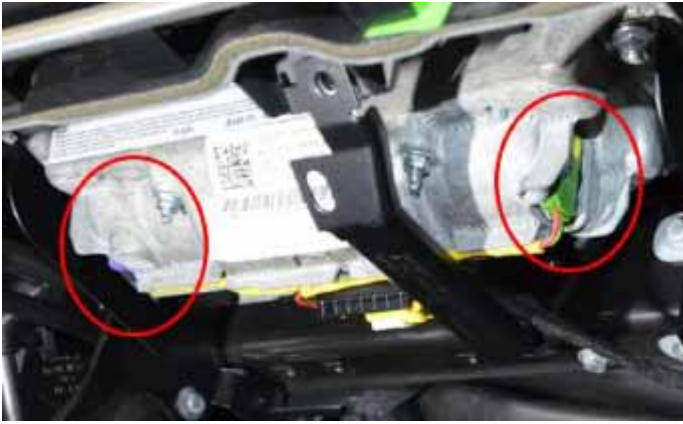
The protective cap prevents soiling and damage to fiber optic face, which would impair light transfer.



- Disconnect instrument panel cover <2>.
- Open glove compartment cover.
- Remove three bolts <3> at top in depressions of glove compartment <1>.
- Remove outside bolts <5>.
- Remove bolts <4>.
- Remove glove compartment downward.
- Remove connector <6> from glove compartment light.



- If the passenger airbag inflator connectors are configured side by side <as shown>, the airbag was not manufactured by Takata and NO further work is required:
 - Reassemble glove box and **Continue to Section I.**



- If the passenger airbag inflator connectors are configured on the ends <as shown>, the airbag was manufactured by Takata and will require replacement.

Continue to Section C.

Section C – Inflator Identification (all vehicles)

⚠ WARNING

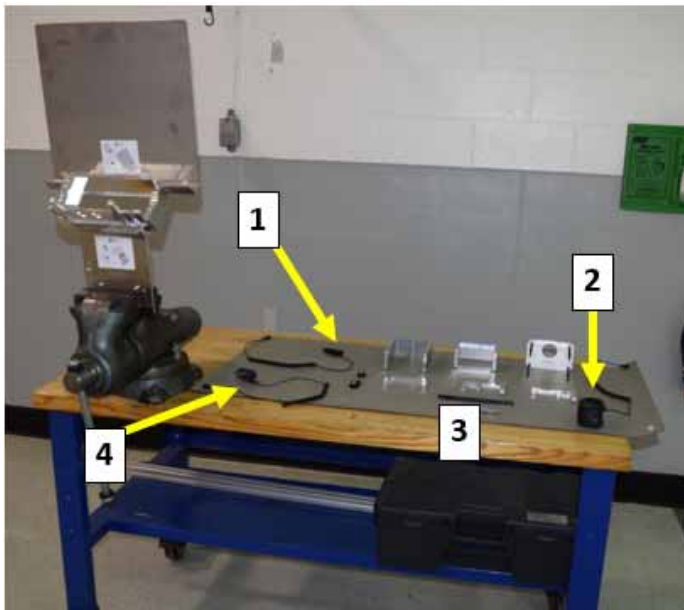
Risk of injury.

- 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 generators: allow airbag to cool down completely. Wait at least 10 minutes before handling.
 - Two-stage generators: wait for second airbag ignition. Allow airbag to cool down completely. Wait at least 10 minutes before handling.

- Use the QR code or the link to view a video detailing the repair process prior to performing the repair.



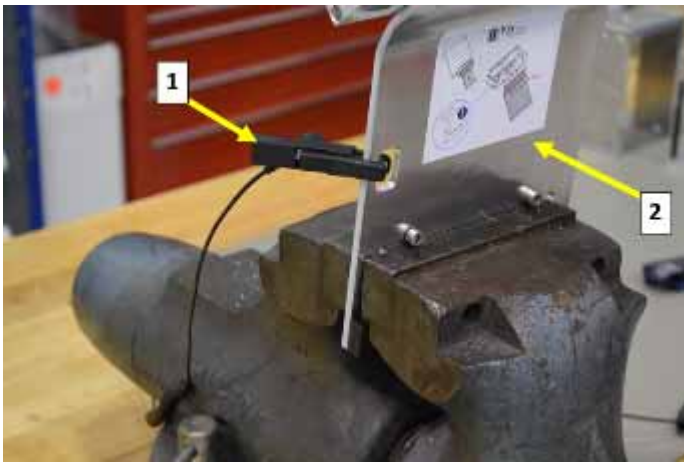
<https://audi-academy.kzoplatform.com/player/medium/857830869996409962>



NOTE

- Prior to beginning work, all parts and tools are to be placed on the ESD table mat.
- The workstation must be in the vicinity of the vehicle.

- Assemble ESD workplace -VAS 6613- <1, 2, 3, and 4>.

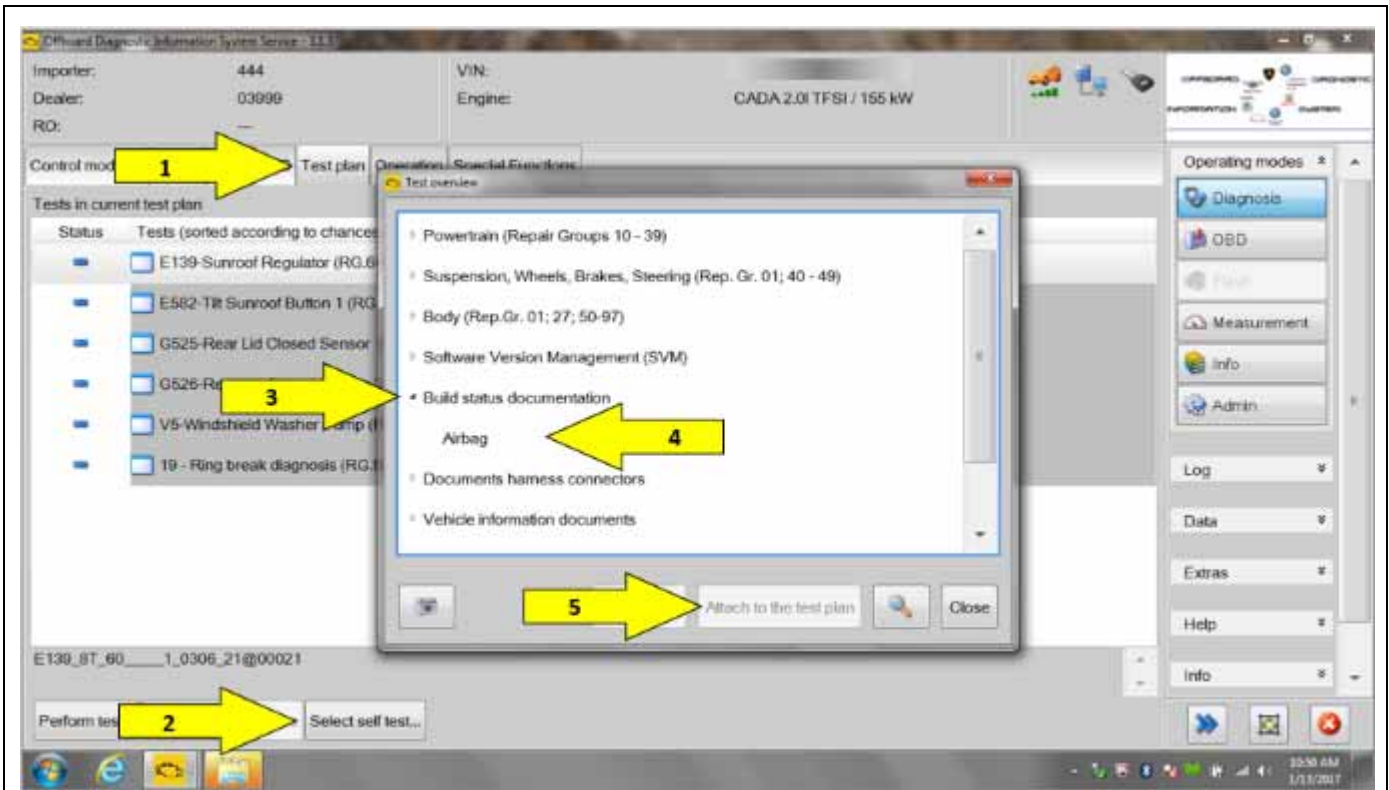


- Clamp Airbag Support -T40380- <2> into the vice.
- Connect crocodile clip <1> to airbag support <2> and ESD workplace -VAS 6613-.



- Ensure ODIS is updated to the latest version.
- Connect vehicle diagnostic tester to the vehicle using USB cable.
- Select Start Diagnosis function and identify vehicle.
- After identification of control units, Guided Fault Finding is started automatically.
- Follow the instructions on screen.

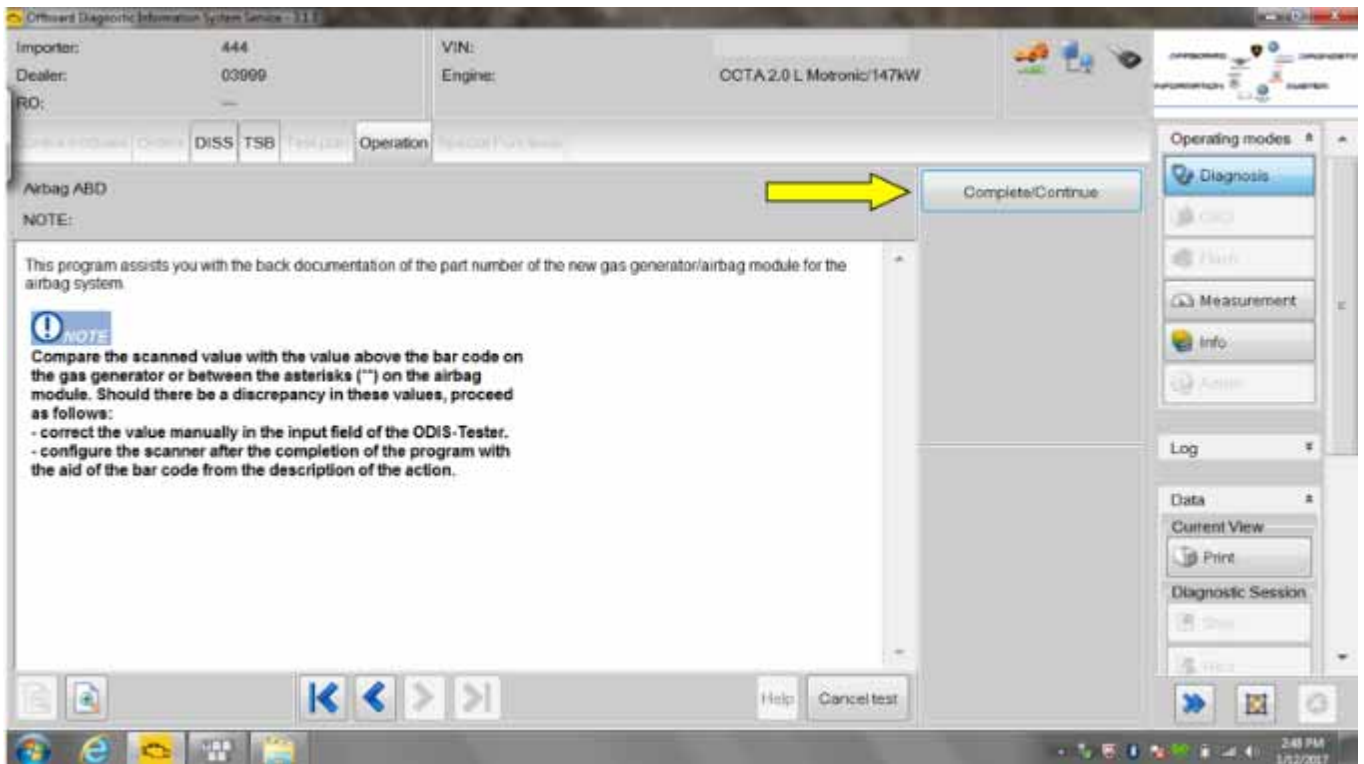
The repair information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Audi dealer. ©2018 Audi of America, Inc. and Audi Canada. All Rights Reserved.



- Select the “Test plan” tab <1>.
- Select “Select self test...” <2>.
- Open the “Build status documentation” dropdown <3>.
- Highlight “Airbag” <4>.
- Select “Attach to the test plan <5>.

The screenshot shows the 'Offboard Diagnostic Information System Service' interface. At the top, there are fields for 'Importer: 444', 'Dealer: 03989', 'VIN', 'Engine: CADA 2.0 TFSI / 155 kW', and 'RO:'. Below this is a navigation bar with tabs for 'Control modules', 'Orders', 'DISS', 'TSB', 'Test plan', 'Operation', and 'Special Functions'. The main area displays 'Tests in current test plan' with a list of tests, each with a checkbox and a status icon. The 'Airbag' test plan is highlighted in blue, and a yellow arrow labeled '1' points to it. Below the list, the test ID 'J234_X_1_0416_11_BZD_Airbag' is shown. At the bottom, there are two buttons: 'Perform test...' and 'Select self test...'. A yellow arrow labeled '2' points to the 'Perform test...' button. On the right side, there is a sidebar with 'Operating modes' including 'Diagnosis', 'OBD', 'Flash', 'Measurement', 'Info', and 'Admin'. Below this are 'Log', 'Data', 'Extras', 'Help', and 'Info' sections. The Windows taskbar at the bottom shows the time as 10:52 AM on 1/12/2017.

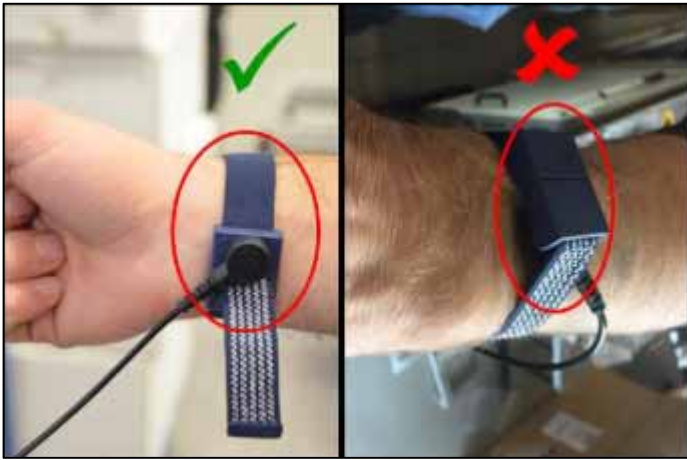
- Highlight the “Airbag” test plan <1>.
- Select “Perform test...” <2>.



- Scanning the bar code during this test plan step calibrates the scanner to avoid error messages.
- Scanning the calibrating bar code may not have to be done every time. Only when the scanner requires calibration. You will know if the scanner needs calibrating if the scanner does not scan the inflator's bar code.
- If the inflator bar code cannot be scanned, then print out the barcode shown below and scan the printout.



- After calibrating the scanner, select **“Complete/Continue”**



- Put the wrist strap from the ESD workplace on your wrist.

⚠ CAUTION

The white dots on the wrist strap must be against the skin.

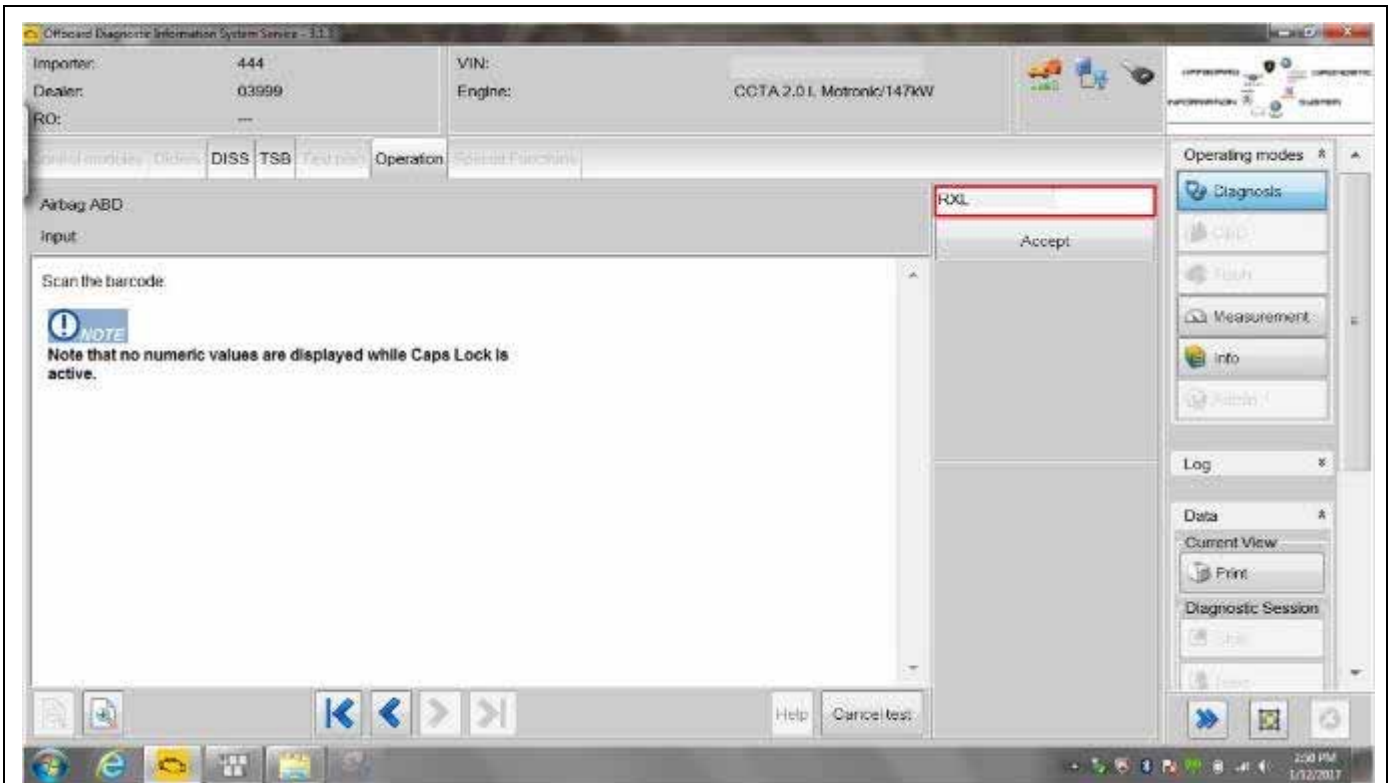


- Place the new inflator on the ESD mat.
- Scan the bar code of the new inflator <arrow> at a distance of about 15 cm, then follow the instructions on screen.

⚠ CAUTION

Ensure the correct inflator bar code is scanned at this time.

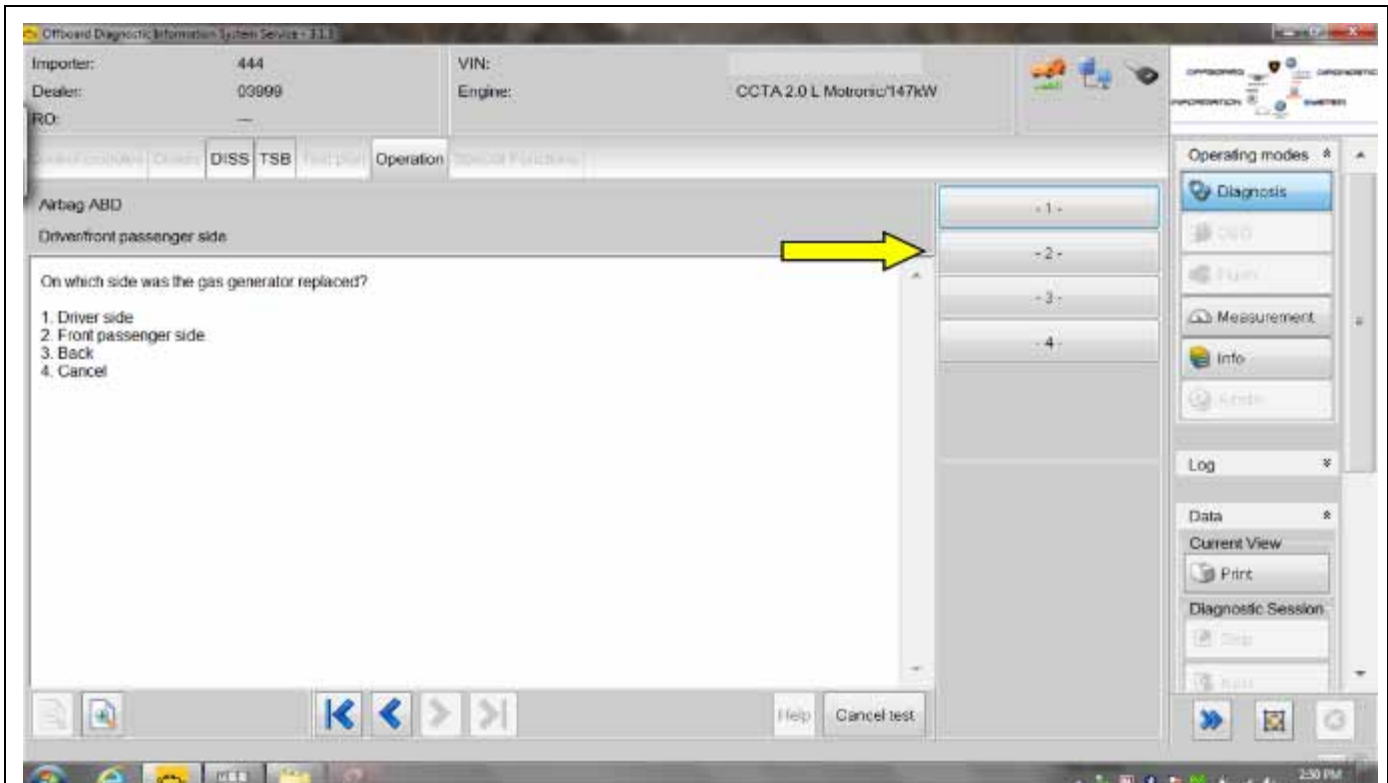
<u>Criteria</u>	<u>Model</u>	<u>Part Number</u>
4F	A6	8H1898237
8E	A4	



- Once the new inflator has been successfully scanned, press **“Accept”**

NOTE

- Compare the scanned value with the value shown above the bar code on the new inflator.
- If there is a discrepancy, manually enter the value from the new inflator in the input field.
- If no value appears, recalibrate the scanner.



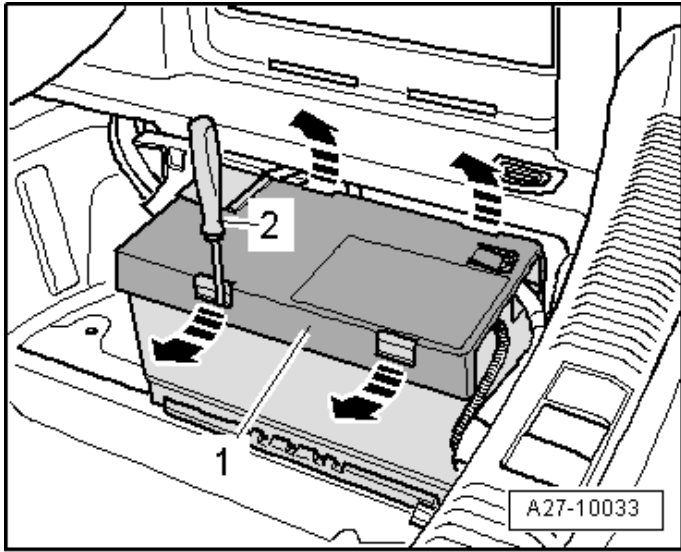
- Select option 2 indicating that the Passenger side inflator was replaced.
- After selecting option 2, a valid GeKo ID will need to be entered in order to upload the new inflator identification.

Continue to Section D.

Section D – Battery Disconnect

NOTE

Before disconnecting the battery, it is recommended to record the customer's radio presets so they can be restored before returning vehicle to the customer.



A6 Procedure:

⚠ WARNING

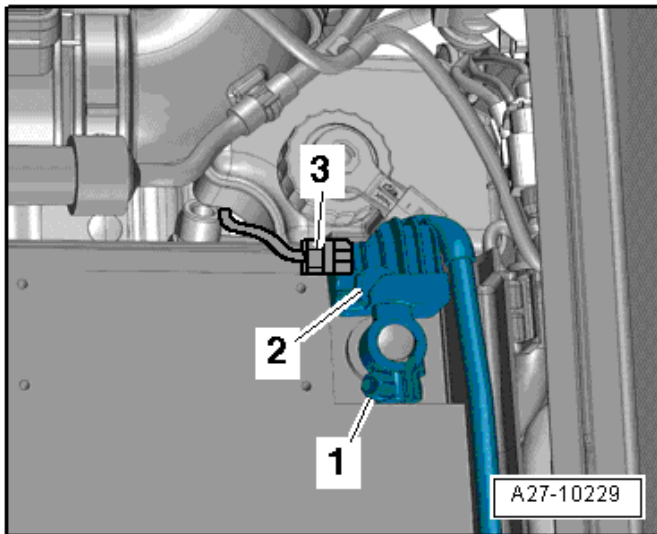
Accident risk. When working on pyrotechnic components (such as airbags and belt tensioners), the battery must be disconnected with the ignition switched **ON**.

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

⚠ CAUTION

Reclining the passenger seat 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.

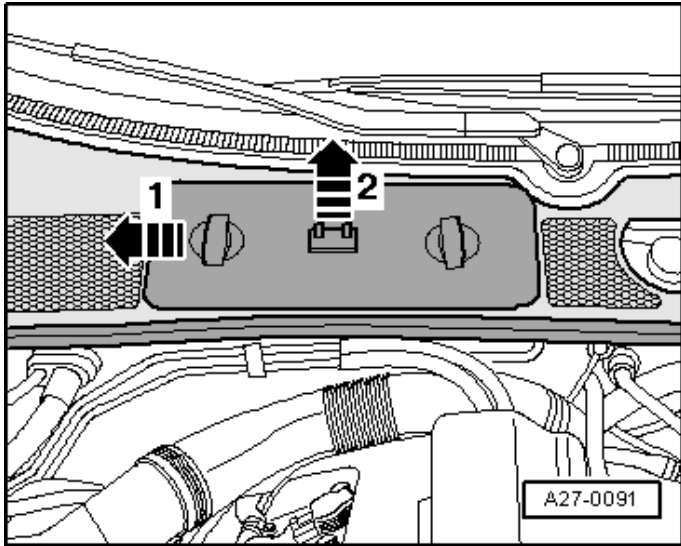
- Lift and secure luggage compartment floor mat.
- For A6 Avant models:
 - Remove luggage compartment storage area floor and cover for spare tire.
- Remove battery cover strap if present.
- Release retaining clips <arrows> using a screwdriver <2> and remove cover <1>.
- Make sure the ignition is turned **ON**.
- Loosen the nut <1>.
- Remove and isolate the battery ground cable terminal <2> from the battery terminal.



Continue to Section E.

A4 Procedure:

Battery in Engine Compartment:



⚠ WARNING

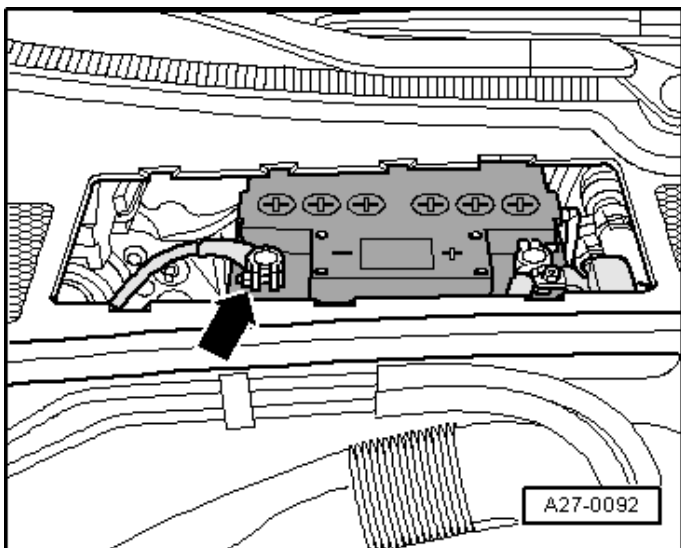
Accident risk. When working on pyrotechnic components (such as airbags and belt tensioners), the battery must be disconnected with the ignition switched **ON**.

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

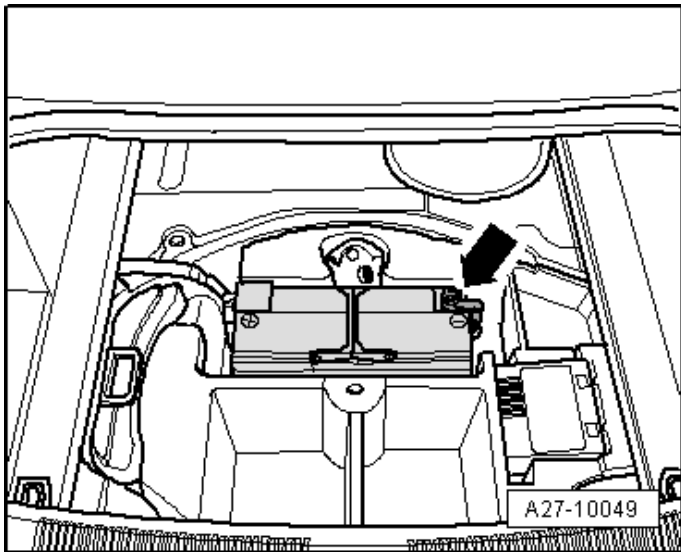
⚠ CAUTION

Reclining the passenger seat 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.

- Slide the cover over the battery to the right <arrow 1> and remove it <arrow 2>.
- Loosen the nut <arrow>.
- Remove and isolate the battery ground cable from the battery terminal.



Continue to Section E.



Battery in Luggage Compartment:

⚠ 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 passenger seat to the most rearward position.
- Fully recline passenger seat.

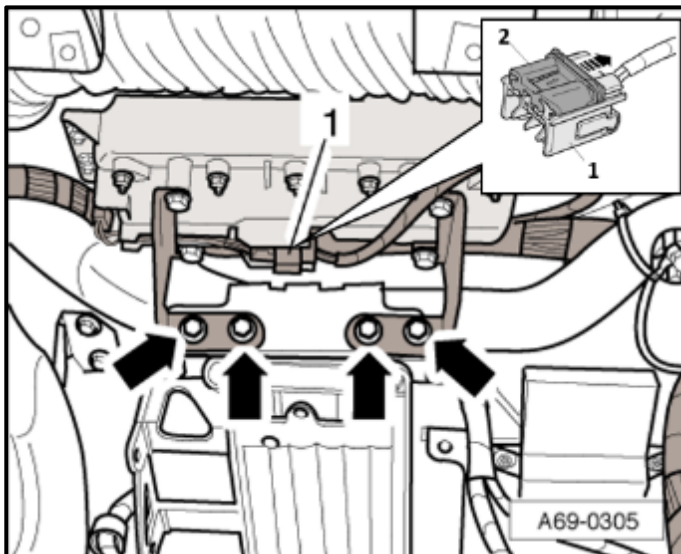
⚠ CAUTION

Reclining the passenger seat 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.

- Lift luggage compartment floor covering and secure.
- Loosen the nut <arrow>.
- Remove and isolate the battery ground cable from the battery terminal.

Continue to Section E.

Section E – Passenger Airbag Removal

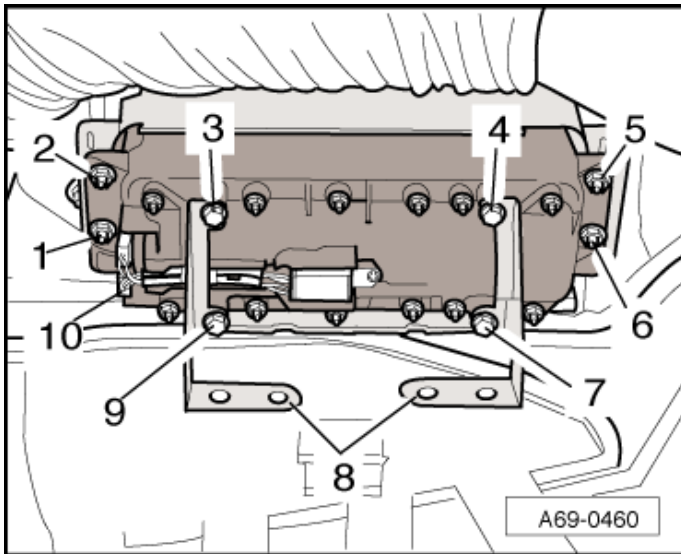


⚠ WARNING

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.

For A6 Models:

- Remove and discard instrument panel bolts <arrows> on central tube.
- Press securing catch <2> in <direction of arrow> until connection disengages.
- Remove electrical connector <1>.

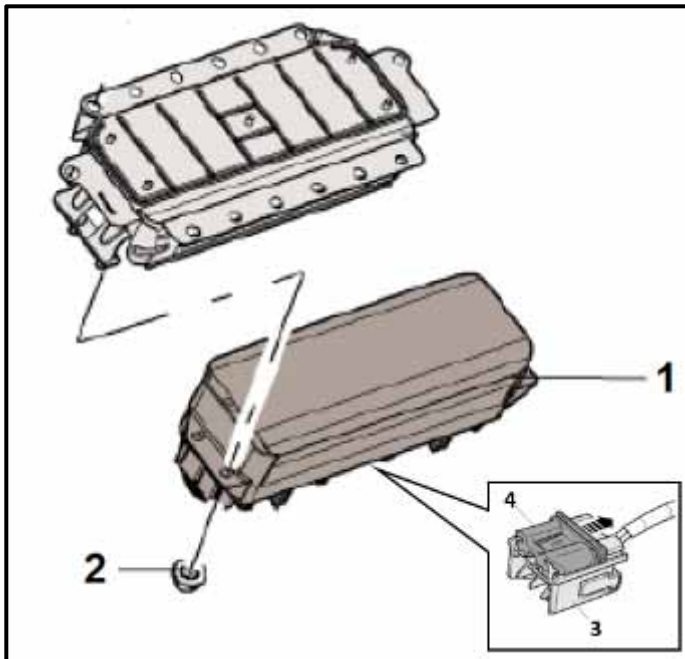


- Remove and discard bolts <3, 4, 7 and 9> and remove airbag unit bracket <8>.
- Remove and discard nuts <1, 2, 5 and 6>.
- Remove passenger airbag.

⚠ WARNING

Set the airbag down so the airbag fabric faces upward.

Continue to Section F.



⚠ 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.

For A4 Models:

- Press securing catch <4> in <direction of arrow>.
- Remove electrical connector <3>.
- Remove and discard passenger airbag nuts <2> from passenger airbag <1>.
- Remove passenger airbag

⚠ WARNING

Set the airbag down so the airbag fabric faces upward.

Continue to Section F.

Section F – Inflator Replacement

⚠ WARNING

Risk of injury.

- 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 generators: allow airbag to cool down completely. Wait at least 10 minutes before handling.
 - Two-stage generators: wait for second airbag ignition. Allow airbag to cool down completely. Wait at least 10 minutes before handling.

⚠ WARNING

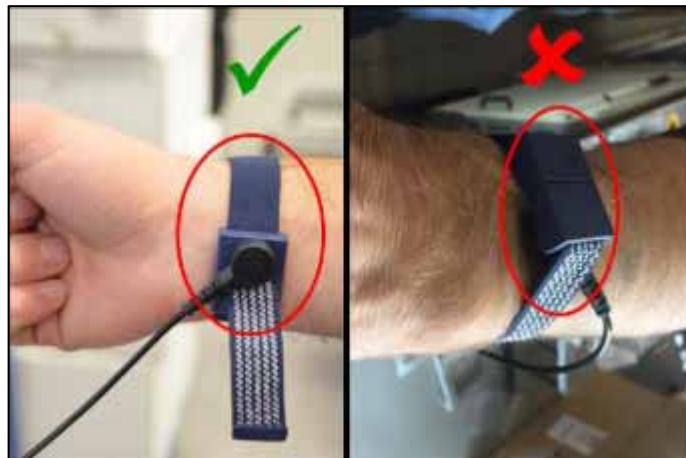
Risk of injury.

It is critical that a clean, uncongested work environment is utilized during the inflator replacement procedure. Extra tools, debris, etc... in the blast area of an airbag impose a danger in the event an airbag were to deploy. Ensure there are no loose components in the blast area of the airbag.



ⓘ NOTE

- Prior to beginning work, all parts and tools are to be placed on the ESD table mat.
- The workstation must be in the vicinity of the vehicle.



- Put the wrist strap from the ESD workplace on your wrist.

⚠ CAUTION

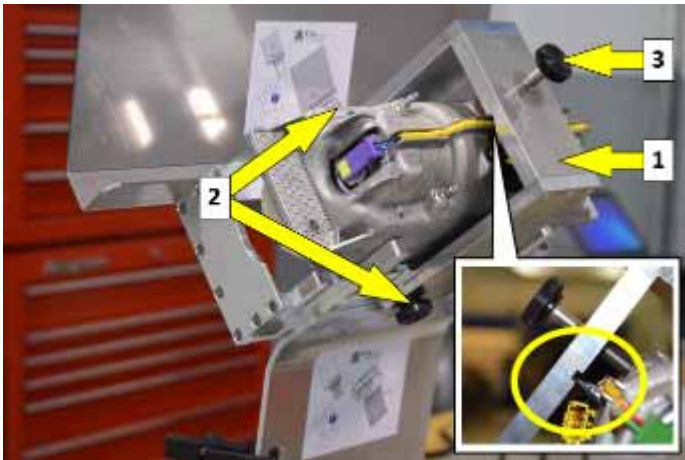
The white dots on the wrist strap must be against the skin.



- Place the passenger airbag into support -T40380- with the date code <circle> on top as shown.



- Ensure the case fits properly in the recesses of the -T40380- as shown.



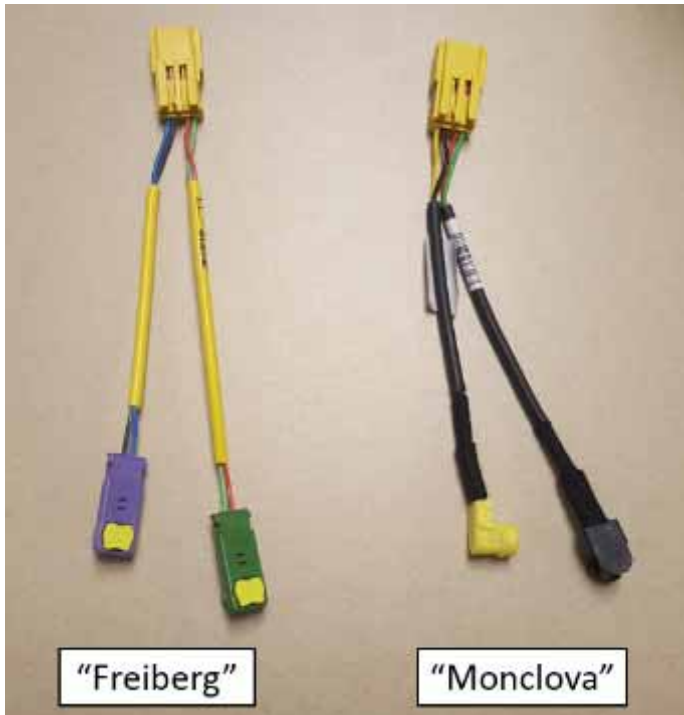
- Install Support Bracket -T40380/6- <1>:
 - Slide -T40380/6- down on Airbag Support -T40380- and then slide to the right.
 - Install short knurled bolts <2> hand tight.
 - Install long knurled bolt <3> until it touches the airbag case.

⚠ CAUTION

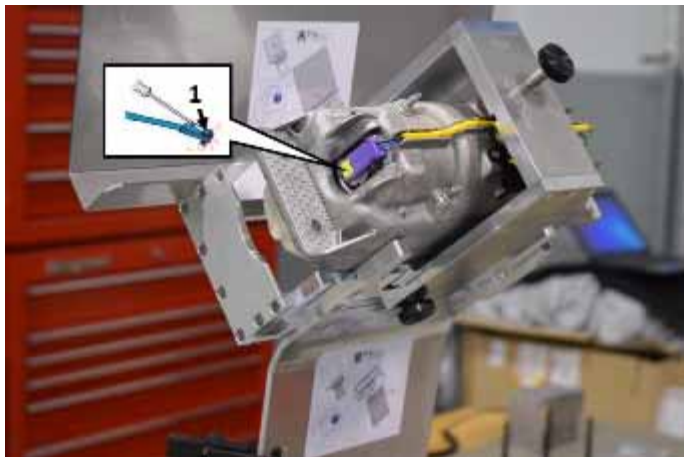
If long knurled bolt <3> is over tightened, the airbag case could crack and replacement of the passenger airbag will be required. Replacement of the passenger airbag due to a cracked case will not be covered under this action.

ⓘ NOTE

Ensure the wiring harness bracket is aligned with the recess in the -T40380/6- <circle>.



- Inflators are identified by the type of connector used.
- The illustrations used in this work procedure may not reflect both type of inflators.

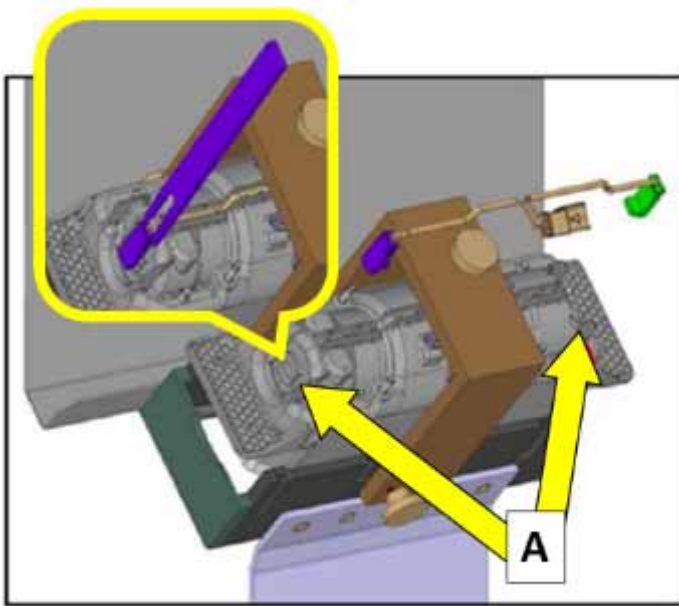


Disconnecting "Freiberg" inflators:

- Disconnect inflator connectors using a small flat bladed screwdriver to disengage connector lock <1>.

! NOTE

Left side is shown. Remove connectors on both sides of the inflator.

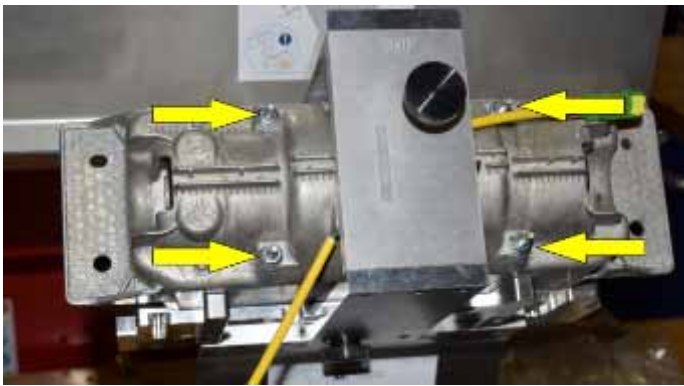


Disconnecting “Monclova” inflators:

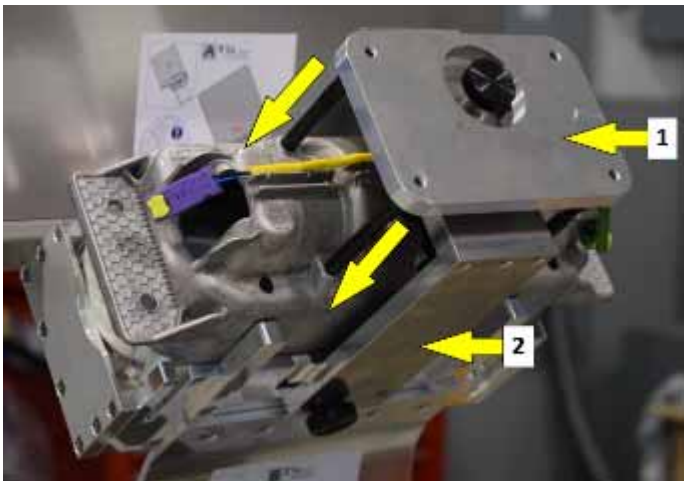
- Disconnect inflator connectors <A> by prying out with -T40380/9-.

i TIP

Needle nose pliers may be required to aid in removal of the connector.



- Remove and discard nuts <arrows>.



- Place -T40380/8- over the case studs.
- Using even pressure, press -T40380/8- down <arrows> so the case is seperated.
- Remove the -T40380/8- <1>.
- Remove the -T40380/6 <2>.
- Remove case cover and place on ESD mat.



NOTE

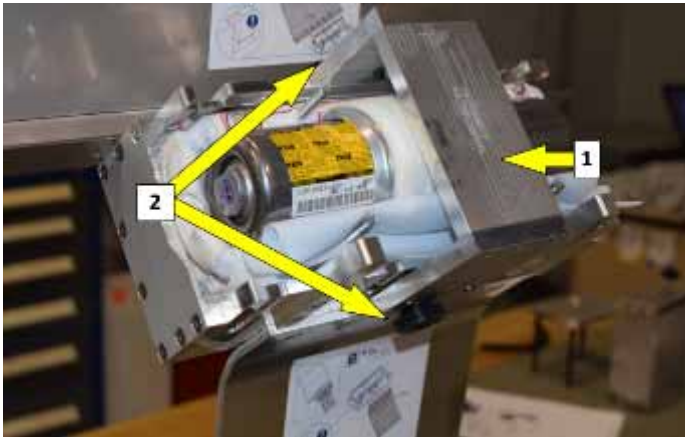
In some cases, there will be a fabric cover over the inflator <as shown>.



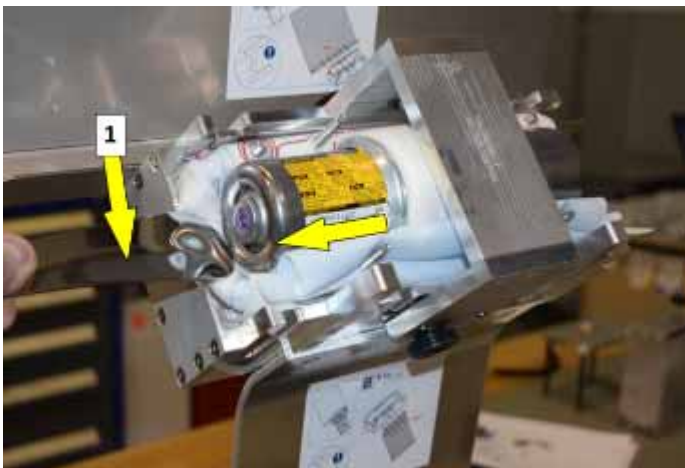
- If necessary, fold back the fabric cover from the top onto the lower studs to access the inflator.

NOTE

Not all inflators will have the fabric cover installed.



- Install -T40380/7- <1> and tighten the knurled bolts <2> hand tight.



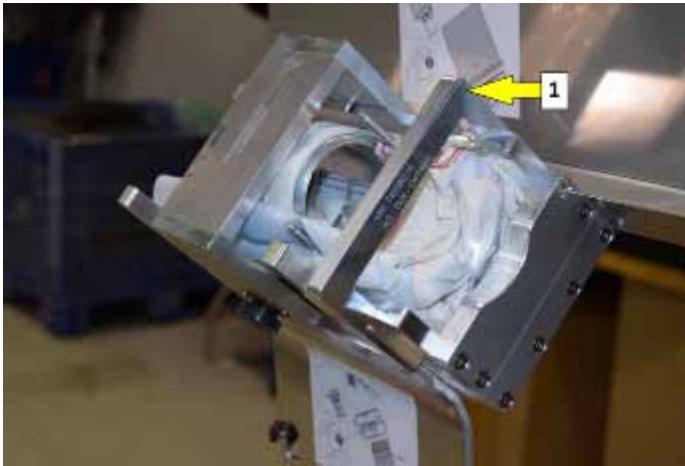
- If necessary, use tool <1> to press the airbag material down.
- Carefully remove the inflator in <direction of arrow> and place in the original packaging.

WARNING

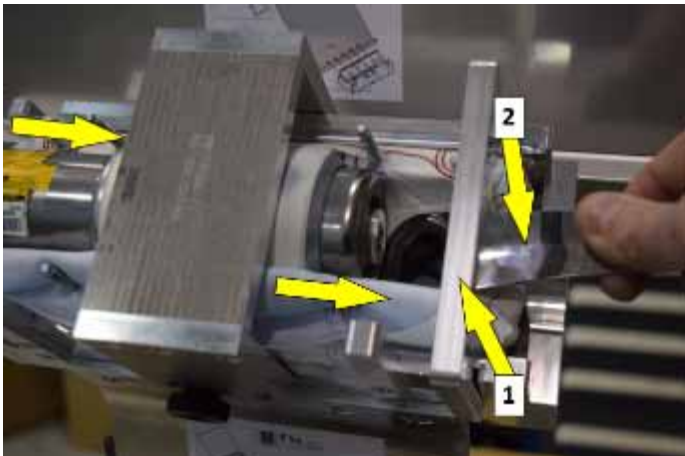
Use extreme care when removing the old inflator so that it is not dropped during removal.

NOTE

Inflator return instructions are included with the new inflator.



- Install -T40380/4- <1> into airbag support bracket -T40380-.



⚠ WARNING

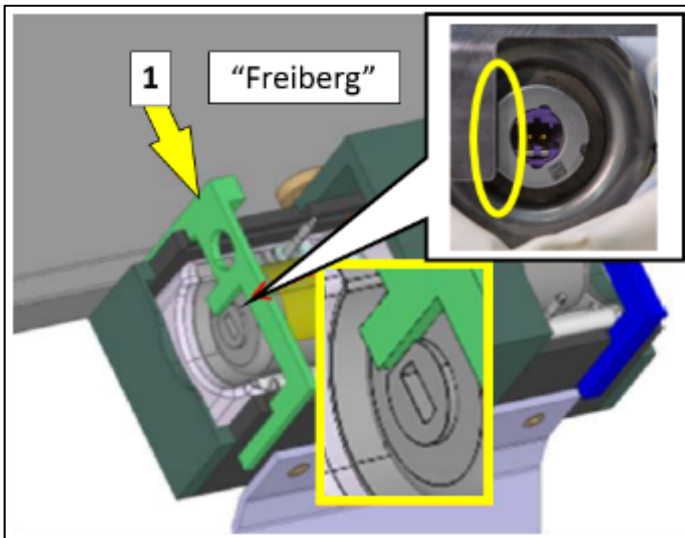
- Before handling pyrotechnic components (for example, disconnecting the connector), the person handling it must “discharge static electricity”. This can be done by touching the door striker, for example.
- When installing the new inflator, do not touch the inflator terminals.

- Install new inflator in <direction of arrows> until it rests against -T40380/4-.

Part Number	Part Description
8H1898237	Inflator Kit – Criteria 4F and 8E

- If necessary, use tool <2> to press the airbag material down to ease installation.
- When installing, ensure the label on the new inflator is facing up, as shown.

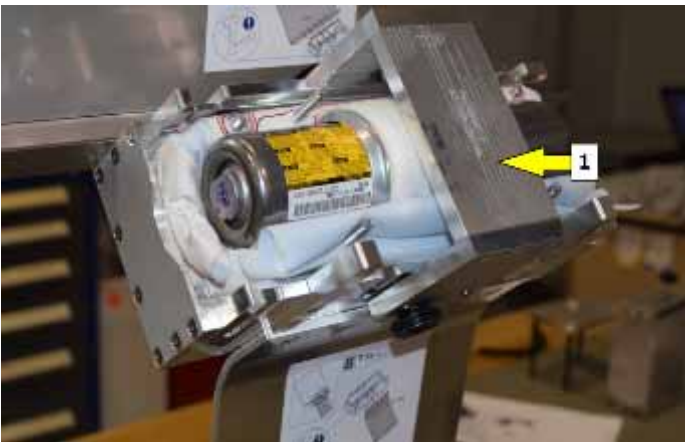




- Install -T40380/5- <1>.
- Ensure the edge of the inflator is parallel with the -T40380/5- as shown.

⚠ DANGER
 It is critical that the new inflator is installed properly. If inflator is not installed correctly, the passenger airbag may not deploy properly in the event of deployment.

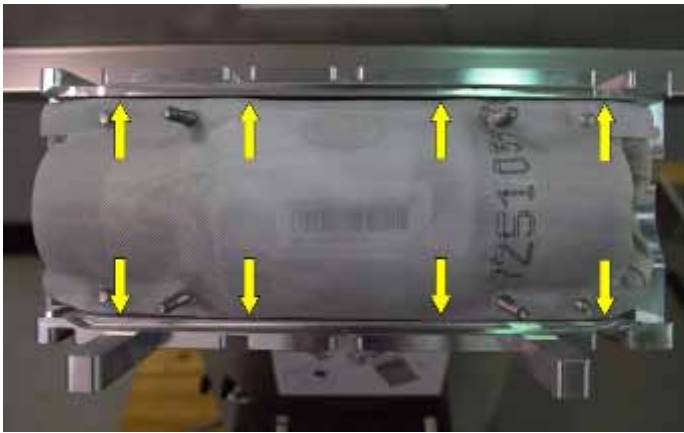
- Remove the -T40380/5- <1> and place on ESD mat only after proper alignment is verified.



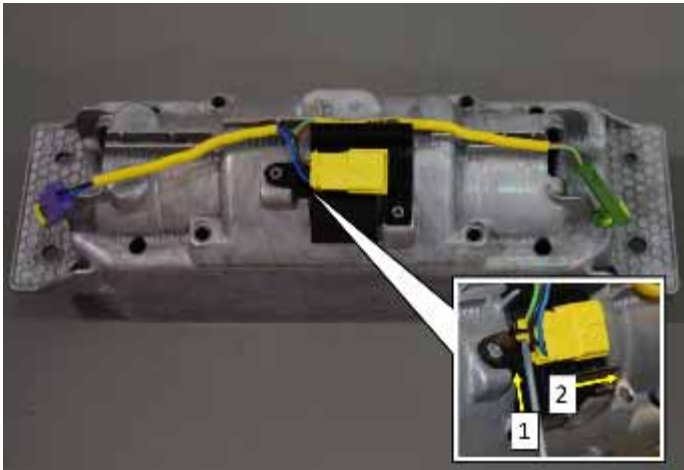
- Remove the -T40380/7- and place on ESD mat.



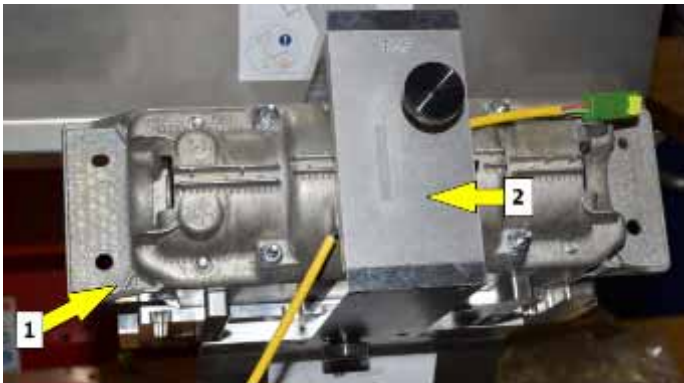
- If necessary, install fabric cover over the inflator.
- Ensure the cover is installed over all studs <circles>.



- Tuck the fabric behind the wall of airbag support -T40380- as shown <arrows>.



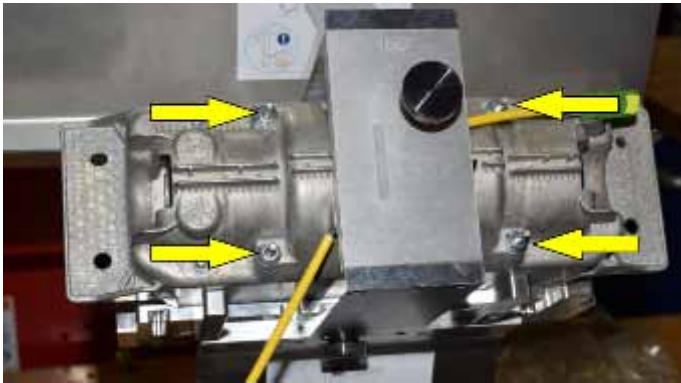
- Disconnect inflator connector by pressing connector lock in direction of <arrow 1> and then removing connector in direction of <arrow 2>.
- Install the new harness on case cover.



- Place airbag case cover <1> into airbag support -T40380-.
- Install support bracket -T40380/6- <2>.



- Push lower section of passenger airbag up using even pressure.



- Install nuts <arrows> and torque to 5.5 Nm in a cross pattern.



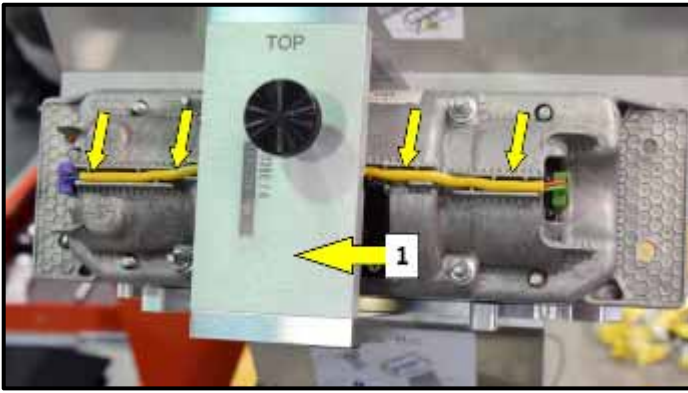
- Install inflator connectors and engage connector locks as necessary.
- Ensure the connector edges are parallel with the case opening.
- If the connectors are not positioned correctly, remove the airbag case cover and rotate the inflator as needed.

⚠ DANGER

It is critical that the new inflator is installed properly. If inflator is not installed correctly, the passenger airbag may not deploy properly in the event of deployment.

ⓘ NOTE

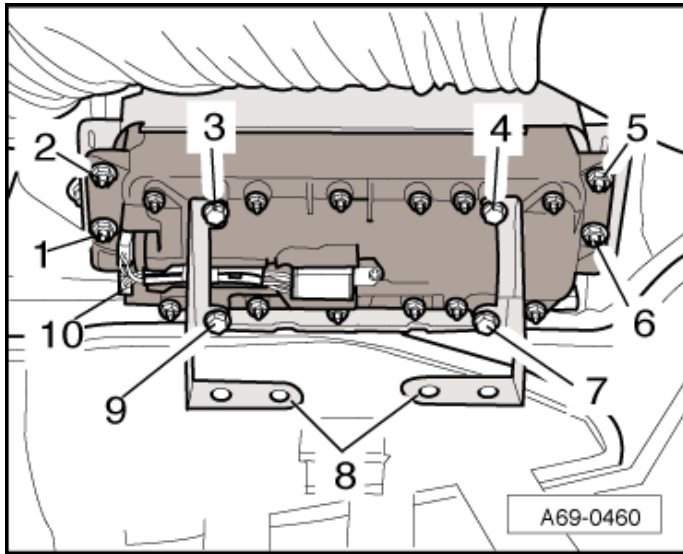
Do not attempt to rotate the inflator by prying on the connector. Doing so will destroy the terminals in the inflator which will require inflator replacement. Unnecessary inflator replacement will not be covered under this action.



- Carefully press the connector harness into the channel on the airbag case <arrows>.
- Remove airbag support -T40380/6- <1>.

Proceed to Section G.

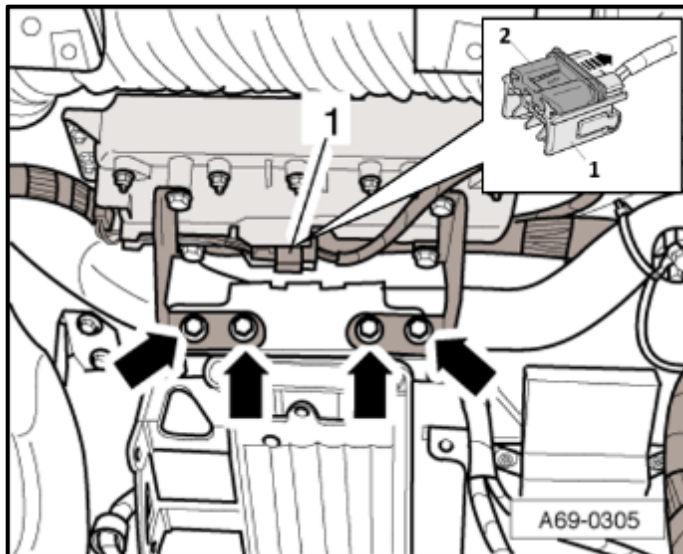
Section G – Airbag Installation



For A6:

- Install passenger airbag, with new nuts <1, 2, 5 and 6> and torque to 9 Nm.
- Install bracket <8>, with new bolts <3, 4, 7 and 9> and torque to 6 Nm.

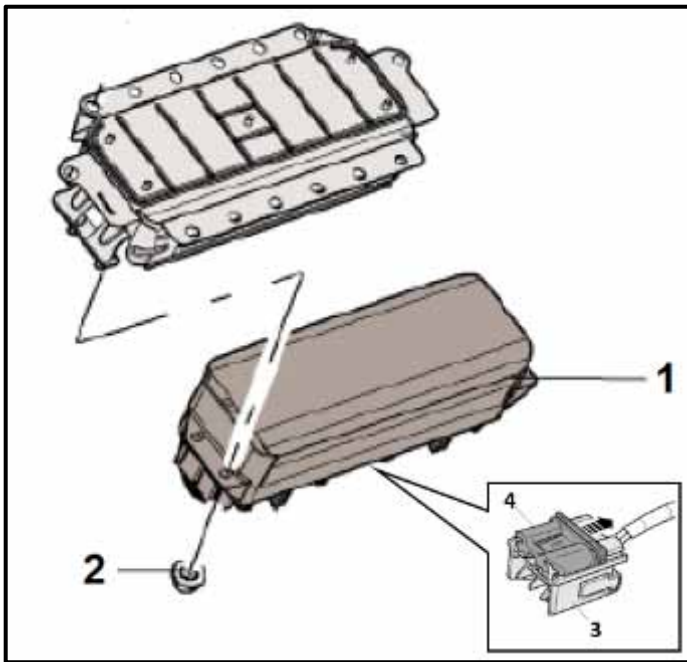
Part Number	Part Description
N 02300213	M6 Self Locking Nut <1, 2, 5 and 6>
N 10305302	M6 x 20 Bolt (airbag bracket to airbag) <3, 4, 7 and 9>



- Install new bolts <arrows> on central tube and torque to 9 Nm.

Part Number	Part Description
N 90654602	M6 x 18.25 Bolt (airbag bracket to central tube) <arrows>

- Install electrical connector <1>.

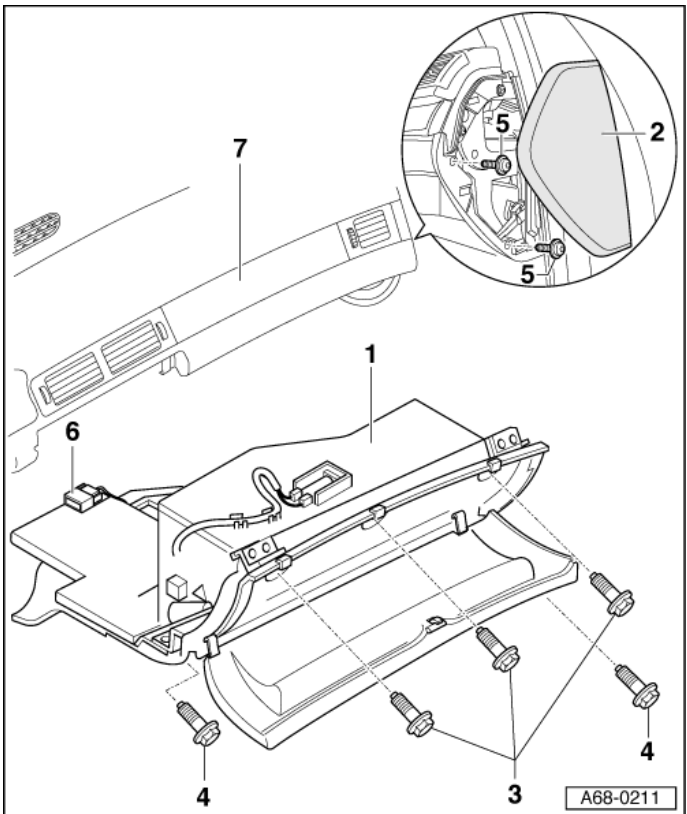


For A4:

- Install passenger airbag <1>, with new nuts <2> and torque to 9 Nm.

Part Number	Part Description
N 90887703	M6 Self Locking Nut

- Install electrical connector <3>.

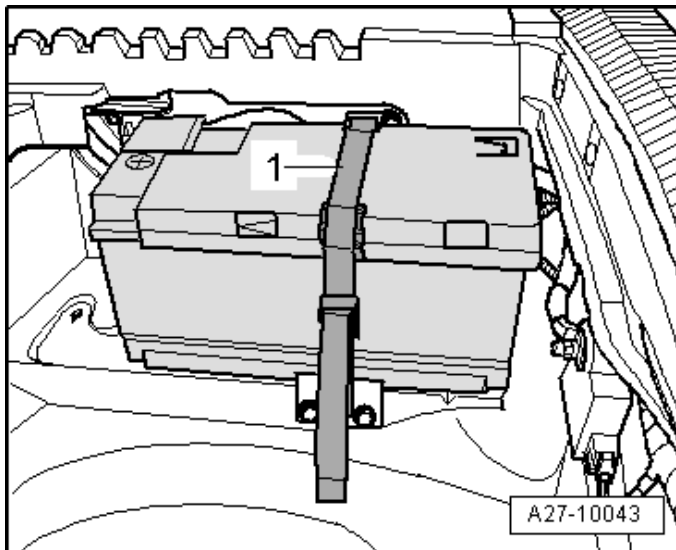
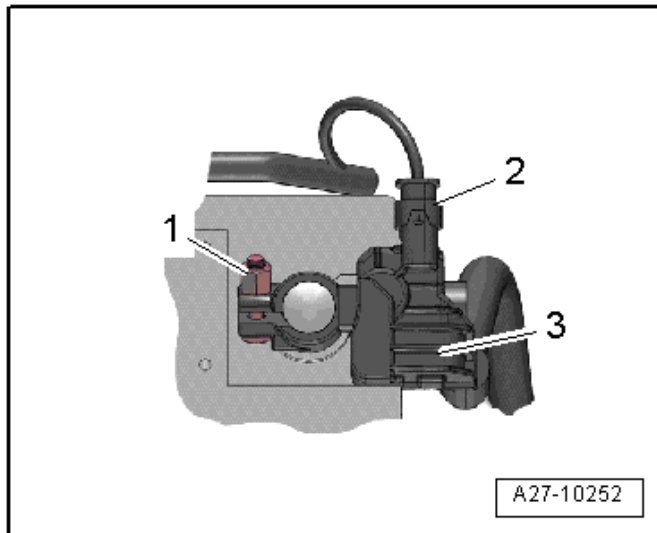


Continued for all models:

- Install connector <6> to glove compartment light.
- Install glove compartment.
- Install bolts <3, 4 and 5> and torque to 5 Nm.
- Install instrument panel cover <2>.

Proceed to Section H.

Section H – Battery Reconnect



A6 Procedure:

⚠ 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.

- If equipped, disconnect the connector <2> from the Battery Monitoring Control Module -J367-.
- Connect the battery ground cable terminal by hand to the battery negative terminal.
- Torque the nut <1> to 6 Nm.
- If equipped, reconnect the connector to the Battery Monitoring Control Module -J367-.
- Install cover over battery negative terminal.
- Install battery cover.
- If equipped, install battery strap <1>.
- Install luggage compartment storage area floor and if equipped, cover for spare tire.
- Cycle the ignition off and back on.
- Bring passenger seat to an upright position.
- Store previously recorded radio presets (if necessary).
- Set clock to local time.
- Activate the power window regulator one-touch up/down function.
- Check the DTC memories of all the control units and erase under-voltage faults if necessary.

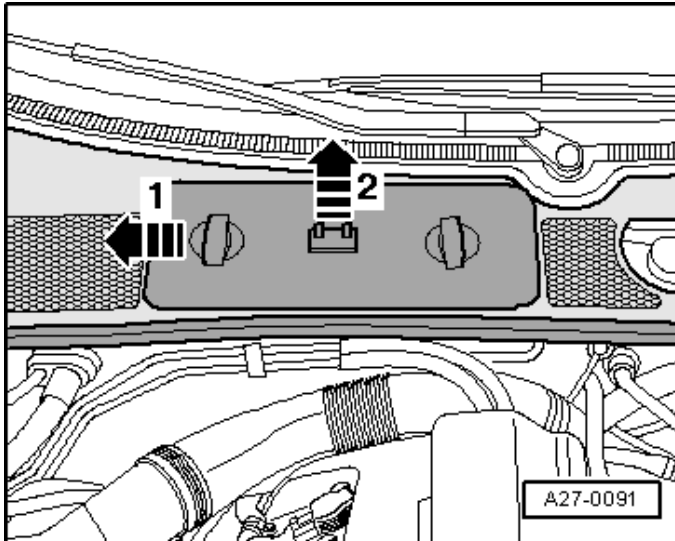
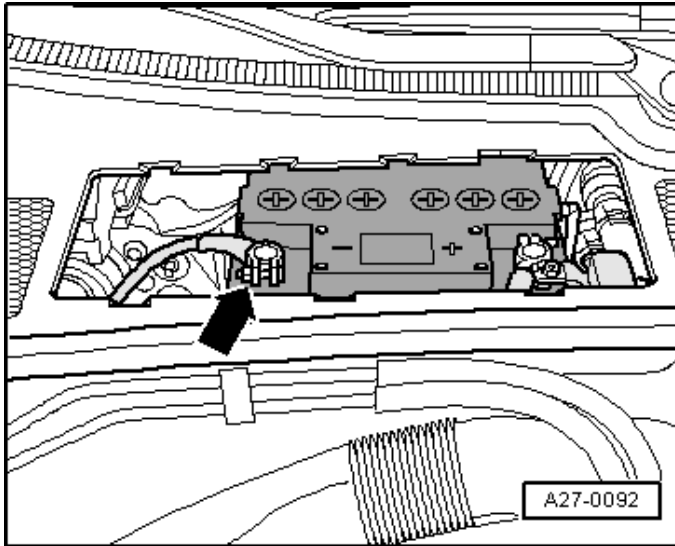
ⓘ NOTE

After connecting the power supply, the ABS warning lamp may only go out after the vehicle has been driven a short distance.

Proceed to Section I.

A4 Procedure:

Battery in Engine Compartment:



⚠ WARNING

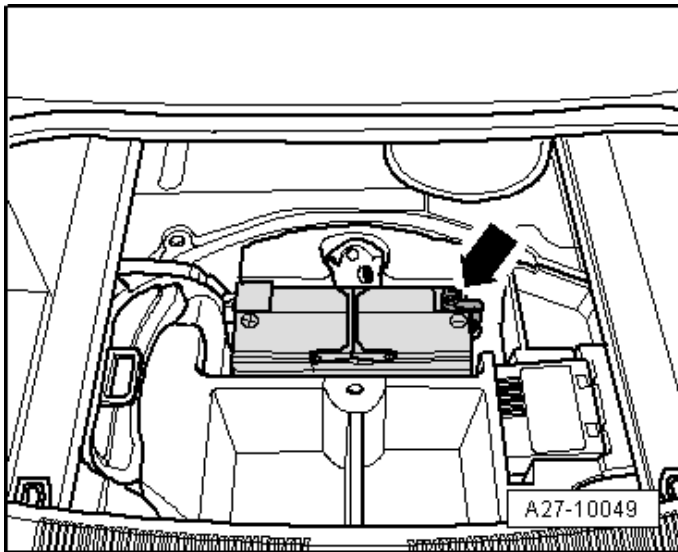
Ignition must be ON when connecting battery. If pyrotechnic components (e.g. airbag, belt tensioner) are not repaired correctly, they may deploy unintentionally after connecting battery. There must not be anyone inside the vehicle when connecting the battery.

- Connect the battery ground cable terminal by hand to the battery negative terminal.
- Torque the nut <arrow> to 7.5 Nm.
- Install battery cover.
- Cycle the ignition off and back on.
- Bring passenger seat to an upright position.
- Store previously recorded radio presets (if necessary).
- Set clock to local time.
- Activate the power window regulator one-touch up/down function.
- Check the DTC memories of all the control units and erase under-voltage faults if necessary.

ⓘ NOTE

After connecting the power supply, the ABS warning lamp may only go out after the vehicle has been driven a short distance.

Proceed to Section I.



Battery in Luggage Compartment:

- Connect the battery ground cable terminal by hand to the battery negative terminal.
- Torque the nut <arrow> to 7.5 Nm.
- Install luggage compartment floor covering.
- Cycle the ignition off and back on.
- Bring passenger seat to an upright position.
- Store previously recorded radio presets (if necessary).
- Set clock to local time.
- Activate the power window regulator one-touch up/down function.
- Check the DTC memories of all the control units and erase under-voltage faults if necessary.

! NOTE

After connecting the power supply, the ABS warning lamp may only go out after the vehicle has been driven a short distance.

Proceed to Section I.

Section I – 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.

Repair is Complete, Proceed to Appendix B
(Mandatory Takata Inflator Return Process).

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 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.

Appendix B – Mandatory Inflator Return Process

- Properly store (retain) removed parts in accordance with all state/province, local requirements.
- Questions regarding the return process should be directed to the contacts listed on the included return instructions.
- Additional instructions are located in the attachments in Elsa and ServiceNet.