

IMPORTANT INFORMATION

Please inform and provide a copy of this document to every person in your dealership with campaign-related responsibilities, including Service, Parts and Accounting personnel. 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. If you have questions regarding this or any other campaign, please call (800) 741-2919.



Safety Recall Circular

Code: **20Q3**

**Subject: 2006-2010 A3 and 2008-2010 TT and TT Roadster
Equipped with quattro®
Fuel Tank Ventilation Valve**

November 2009

Problem Description

The closing force of an internal spring of the fuel tank ventilation valve is not adequate enough to hold the valve closed under extreme conditions. During dynamic driving maneuvers, liquid fuel may enter the fuel tank venting system and migrate into the evaporative system, saturating the carbon canister. Should this occur while driving, the vehicle may experience performance issues (e.e., vehicle jerking) and the malfunction indicator lamp (MIL) in the instrument cluster could illuminate. In rare cases, fuel could leak from the evaporative system leak detection pump filter. A leak, in the presence of an ignition source, can lead to a vehicle fire.

Corrective Action

Replace the fuel tank ventilation valve on the affected vehicles with an improved valve.

VIN Ranges & Production Dates of Affected Vehicles U.S.A.

2006-2010 A3

WAU__8P_6A061021 -- WAU__FM_AA038329
Produced September 29, 2005 – July 30, 2009

2008-2010 TT/TT Roadster

TRU__8J_81000319 -- TRU__FK_A1005282
Produced January 10, 2007 – August 26, 2009

CANADA

2006-2010 A3

WAU__8P_6A068397 -- WAU__FM_AA039955
Produced September 20, 2005 – August 24, 2009

2008-2010 TT/TT Roadster

TRU__8J_81000464 -- TRU__FK_A1005276
Produced February 02, 2007 – August 26, 2009

NOTE: Not all vehicles within a VIN range will be affected by this action. Check *ElsaWeb* on the day of repair to verify vehicle eligibility and attach the screen print to the repair order. This is the only valid campaign inquiry and verification source. Some vehicles may be involved in an additional action(s); any additional work can be done while the vehicle is in for this action.

Allocation Report of Affected Vehicles & AIM System

On or about November 13, 2009, dealers will be able to view their electronic allocation list for this campaign in the My Dealership Reports section of AccessAudi. Dealers will not receive a report if they have no affected vehicles.

Additionally, dealers can use the AIM system to check for affected inventory vehicles.

MANDATORY Campaign Video Viewing Requirement

Prior to performing this repair on any vehicle, it is mandatory for technicians to complete the campaign video viewing requirements via WebSource. If a dealership allows a technician to perform this campaign repair without first having completed this mandatory requirement, the dealership becomes fully responsible for covering all consequential damage/vehicle return/customer satisfaction issues relating to improper repair. Please ensure that ALL technicians complete this mandatory requirement.

Parts Information and Allocation

Parts have already been allocated to address inventory vehicles. A second allocation will take place prior to customer notification and will be intended to address customer vehicles.

If you have exhausted your allocated parts for vehicles affected by this service action, but have exceeded your weekly Upper Order Limit, please submit your requests for additional parts via email to upperorderlimits@audi.com. If you have questions regarding parts, please contact the Parts Helpline at 800-767-6552.

Owner Notification Mailing

On or about November 13, 2009 Audi will notify all known owners of affected vehicles by first class mail. A sample of the owner letter is enclosed.

Claim Entry Procedure

Immediately upon completion of the repair work, enter the Applicable Criteria ID as found in ElsaWeb and Repair Operation(s) as shown in the following claim entry instructions. Claims will only be paid for vehicles that show this campaign open in ElsaWeb on the day of the repair. To help ensure prompt and proper payment, attach the screen print to the repair order.

Saga Claim Entry Procedure

CHART 1 of 2

Check ElsaWeb to determine whether the "20Q3" campaign is open.

Service No. : 20Q3
Damage Code: 0099

Parts Manufacturer

Removed part: Use vendor code **002**.

Sold vehicle = 7 10
Unsold vehicle = 7 90

Accounting Instructions

Criterion 8P – A3 Model Vehicles

– Install fuel tank ventilation valve assembly

Repair operation: 2071 25 99 260 T.U.

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
2	N 105 053 01	Sub frame bolt
1	N 907 683 01	Spring clip
1	N 102 556 01	23.5mm Clamp
1	1K0 201 797N	Evap. canister, (if necessary) -
1	1K0 253 141H	Dual clamp for exhaust, (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/fuel)

OR

Criterion 8J – TT Coupe Model Vehicles

– Install fuel tank ventilation valve assembly

Repair operation: 2071 25 99 240 T.U.

1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
1	N 907 683 01	Spring clip
1	8J0 201 797D	Evap. canister, (if necessary)
1	1K0 253 141H	Dual clamp for exhaust, (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/fuel)

OR

Cont'd. on next chart

Saga Claim Entry Procedure

CHART 2 of 2

Check ElsaWeb to determine whether the "20Q3" campaign is open.

Service No. : 20Q3

Damage Code: 0099

Parts Manufacturer

Removed part: Use vendor code 002.

Sold vehicle = 7 10

Unsold vehicle = 7 90

Criterion 8J – TT/TTS Roadster Model Vehicles

– Install fuel tank ventilation valve assembly

Repair operation: 2071 25 99 310 T.U.

1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
2	N 910 659 01	Filister head screw M10 x 45mm
2	N 106 254 01	Hex socket countersunk bolt M10 x 25mm
1	N 907 683 01	Spring clip
or		
1	N 101 992 01	15.7x7x0.6mm Retaining clip
and		
1	8J0 201 797D	Evap. canister, (if necessary)
1	1K0 253 141H	Dual clamp for exhaust, (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/fuel)
Up to 22	3D0 867 276	Trim clips (if necessary)

AND

Outside Material

Actual cost of Fuel and/or Loaner - not to exceed \$70 (USD/CAD). Enter the words "FUEL/LOANER" as the labor operation. *Ensure fuel and/or loaner sales receipt is attached to repair order.*

IMPORTANT!

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Dealer must obtain Campaign Helpline authorization before installing any consequential parts. If work is done without first obtaining Campaign Helpline authorization, it will be at dealer's expense.

There is NO reimbursement for vehicle wash.

If customer refused repairs – Fax the repair order to (248) 754-5093 and provide the VIN, applicable service number, customer information, dealer number and date.

Customer Letter Example (U.S.A.)

November 2009

**Subject: Safety Recall 20Q3/J3
2006-2010 Model Year Audi A3 and 2008-2010 Model Year Audi TT and TT Roadster Equipped with quattro®
Fuel Tank Ventilation Valve**

Dear Audi Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Audi has decided to issue a Safety Recall on some 2006-2010 model year Audi A3 vehicles equipped with quattro®, and in some 2008-2010 model year Audi TT and TT Roadster vehicles equipped with quattro®. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

The closing force of an internal spring of the fuel tank ventilation valve is not adequate enough to hold the valve closed under extreme conditions. During dynamic driving maneuvers, liquid fuel may enter the fuel tank venting system and migrate into the evaporative system, saturating the carbon canister. Should this occur while driving, the vehicle may experience performance issues (i.e., vehicle jerking) and the malfunction indicator lamp (MIL) in the instrument cluster could illuminate. In rare cases, fuel could leak from the evaporative system leak detection pump filter. A fuel leak, in the presence of an ignition source, can lead to a vehicle fire.

What Will Audi Do?

In order to correct the issue, dealers will replace the fuel tank ventilation valve.

What We Would Like You to Do

Please contact your authorized Audi dealer and arrange for an appointment without delay. This service will take about four hours and will be 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. Also, please bring all keys for your vehicle so they can be properly adapted to ensure that the remote control works properly.

To help expedite this repair, we ask that the fuel level in your vehicle be at approximately one-quarter (1/4) of a tank or less on the day of your scheduled appointment, if possible.

Precautions You Should Take

Affected vehicles can continue to be driven as usual, but if you can smell fuel in your vehicle, customers are advised to proceed immediately to the nearest authorized Audi dealer or qualified workshop in order to have the fuel system on the vehicle inspected.

Lease Vehicles

If you are the lessor and registered owner of the vehicle identified in this action, the law requires you to forward this information immediately via first-class mail to the lessee within ten (10) days of receipt of this notification.

Have You Changed Your Address Or Sold The Vehicle?

If you have, 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 a replacement fuel tank because of the condition described in this letter, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.

Service Help from Us

If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:

Audi of America, Inc.
Attn: Customer Relations (20Q3/J3)
3499 West Hamlin Road
Rochester Hills, MI 48309
1-800-253-2834

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. Thank you for your continued loyalty!

Sincerely,

Audi Product Compliance

The 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. ©2009 Audi of America, LLC and Audi Canada. All Rights Reserved.

November 2009

20Q3/J3 Page 4 of 49

Customer Letter Example (CANADA)

November 2009

**Subject: Safety Recall 20Q3/J3
2006-2010 Model Year Audi A3 and 2008-2010 Model Year Audi TT and TT Roadster Equipped with quattro®
Fuel Tank Ventilation Valve**

Dear Audi Owner:

This notice is sent to you in accordance with the requirements of the Canadian Motor Vehicle Safety Act. Audi has decided to issue a Safety Recall on some 2006-2010 model year Audi A3 vehicles equipped with quattro®, and in some 2008-2010 model year Audi TT and TT Roadster vehicles equipped with quattro®. Our records show that you are the owner of one of these vehicles.

What Is The Problem?

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Service Help from Us

If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:

Audi Canada
Attn: Customer Relations (20Q3/J3)
P.O. Box 842, Stn. A
Windsor, ON N9A 9Z9
1-800-253-2834

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. Thank you for your continued loyalty!

Sincerely,

Audi Product Compliance

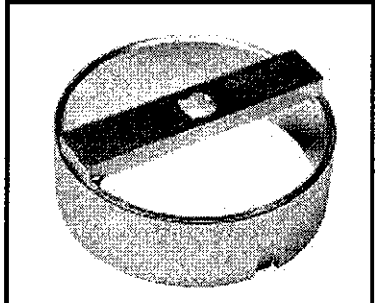
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If there are questions regarding the work procedure, contact the Campaign Helpline at 1-800-741-2919.

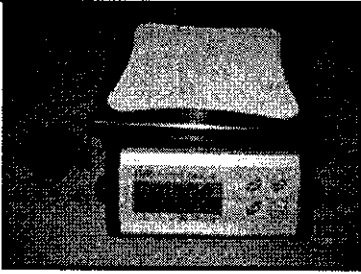
MANDATORY Campaign Video Viewing Requirement

Prior to performing this repair on any vehicle, it is *mandatory* for technicians to complete the campaign video viewing requirements via WebSource. If a dealership allows a technician to perform this campaign repair without first having completed this mandatory requirement, the dealership becomes fully responsible for covering all consequential damage/vehicle return/customer satisfaction issues relating to improper repair. Please ensure that **ALL TECHNICIANS** complete this mandatory requirement.

Required Tools:

	<ul style="list-style-type: none"> • FM3000GH Fuel Storage Cart Non-Leaded (or equivalent)
	<ul style="list-style-type: none"> • V.A.G 1383A Engine/Transmission Jack (or equivalent)
	<ul style="list-style-type: none"> • T10202 Wrench

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- Digital scale – with 15 kilogram capacity and 5 gram accuracy, which can be obtained locally if necessary.

Adam Equipment Inc offers a Model CPW plus 15.

They may be contacted at:

Adam Equipment Inc

26 Commerce Drive,

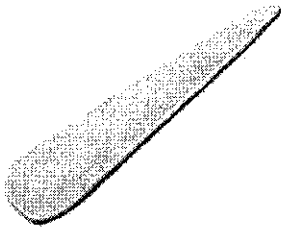
Danbury CT 06810

USA

Phone: 888-355-3868

Fax: 203-792-3406

E-mail: sales@adamequipment.com



- 3409 Trim Removal Wedge (or equivalent)

PARTS:

A3 Model Vehicles

Qty	Part Number	Description
1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
2	N 105 05301	Sub frame bolt
1	N 102 556 01	23.5mm clamp
1	N 907 683 01	Spring clip
1	1K0 201 797N	EVAP canister (if necessary)
1	1K0 253 141H	Dual clamp for exhaust (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/ fuel)

TT Coupe Model Vehicles

Qty	Part Number	Description
1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
1	N 907 683 01	Spring clip
1	8J0 201 797D	EVAP canister (if necessary)
1	1K0 253 141H	Dual clamp for exhaust (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/ fuel)

TTS Coupe Model Vehicles

Qty	Part Number	Description
1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
1	N 101 99201	15.7x7x0.6mm Retaining clip
1	8J0 201 797D	EVAP canister (if necessary)
1	1K0 253 141H	Dual clamp for exhaust (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/ fuel)

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TT Roadster Model Vehicles

Quantity	Part Number	Description
1	8P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
2	N 910 659 01	Filister head screw M10 x 45mm
2	N 106 254 01	Hex socket countersunk bolt M10 x 25mm
1	N 907 683 01	Spring clip
1	8J0 201 797D	EVAP canister (if necessary)
1	1K0 253 141H	Dual clamp for exhaust (if necessary)
1	06E 906 517A	EVAP purge valve (N-80) (2.0T models, if contaminated w/ fuel)
Up to 22	3D0 867 276	Trim clips (if necessary)

TTS Roadster Model Vehicles

Quantity	Part Number	Description
1	8 P0 298 111	Valve assembly (incl. plastic bag)
1	1J0 919 133B	Fuel pump seal
1	N 020 9022	Cable tie
2	N 910 659 01	Filister head screw M10 x 45mm
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Up to 22	3D0 867 276	Trim clips (if necessary)

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Section A – Watch Video – COURSE NO. 940195

- Prior to performing this campaign for the first time, you must log onto www.accessaudi.com and watch the video – Course No. 940195, located under the “Academy” tab. You must also complete and pass the assessment.

Each technician must use their individual login and password to complete the on-line assessment.

While this does not count towards certification, watching and completing the on-line assessment is mandatory before performing this campaign.

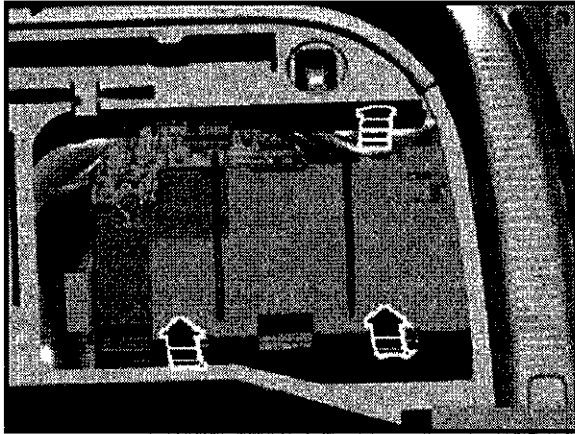
A SAGA claim or consequential damage claim can be denied, if records indicate that the on-line assessment was not completed prior to performing this campaign.

IMPORTANT!

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Dealer must obtain Campaign Helpline authorization before installing any consequential parts. If work is done without first obtaining Campaign Helpline authorization, it will be at dealer's expense.

Section B – Disconnect Battery



Tip: Vehicle models may differ slightly from pictures shown and instructions provided

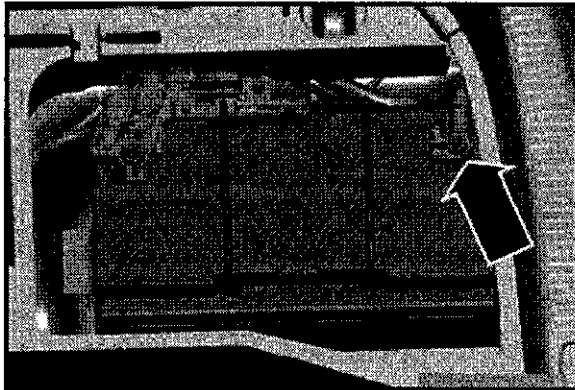


Tip: Prior to disconnecting battery, obtain radio code and presets

- Switch ignition off and remove ignition key
 - Remove luggage compartment floor cover
- ⇐ Release clips -arrows- and remove cover from negative terminal



Tip: If the battery negative terminal cover is under the rear lid trim, trim must be removed



- ⇐ Loosen nut several turns and remove ground wire terminal clamp -arrow- from battery terminal

Section C – Accessing Fuel Delivery Unit



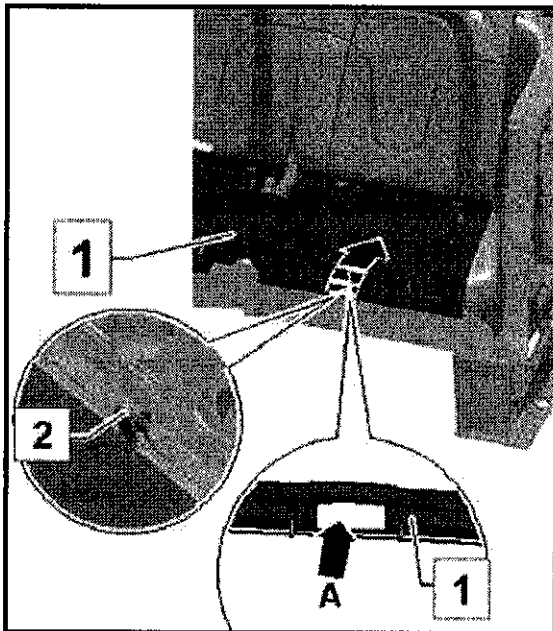
WARNING!

Fire hazard! Do not smoke or work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections

Ensure battery is disconnected

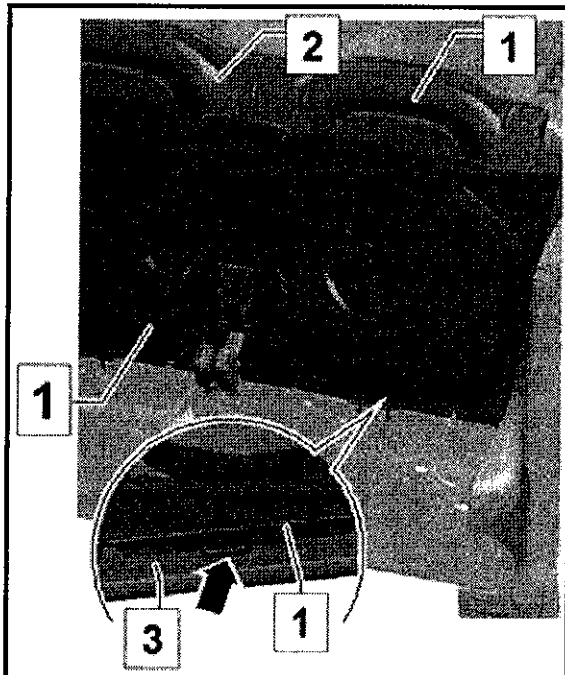


A3 and TT Coupe models:

- Fold front seat backrests forward as far as possible
 - Move front seats forward as far as possible
- ⇐ Remove front edge of bench seat -1- in direction of arrow from omega clips -2- (quantity: 2)

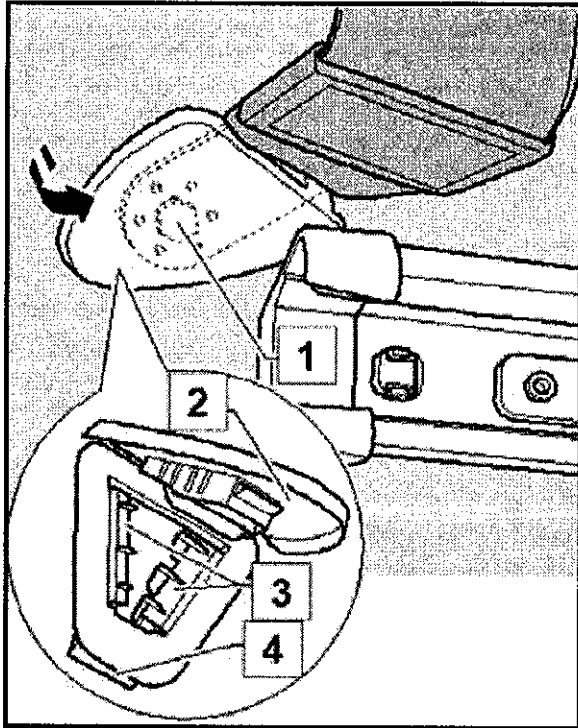


Tip: A = Omega clip mount

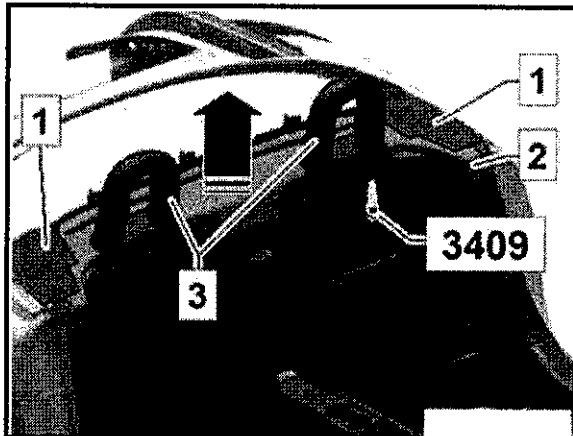


- ⇐ Move bench seat -1- onto backrest -2- or -3-
- ⇐ Disengage retaining eyes -arrow- on bench seat -1- at left and right of backrest tube frame -2- or -3-
- ⇐ Remove bench seat -1- from vehicle and proceed to **Section D**

TT Roadster models:



- Put convertible top down
- Move both seats forward and fold backrests forward
- ⇐ Open cover plate -2- upward out of floor covering
- ⇐ Remove bolt -1-
- Remove driver's and passenger's seat belts from outer floor assembly mounting point



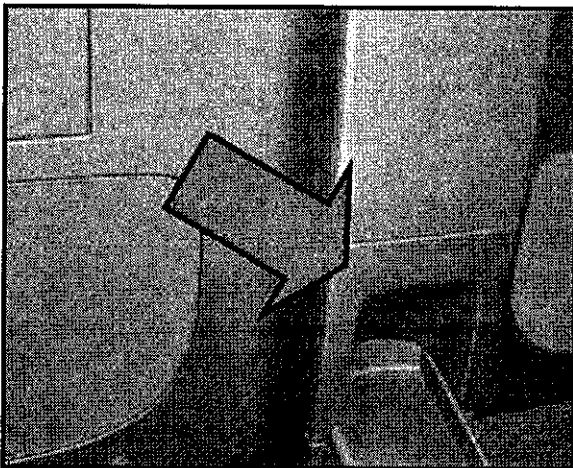
- ⇐ Carefully unclip rear bulkhead cover -2- forward in area of both rollover protectors -3- using Trim Removal Wedge -3409- (or equivalent)
- ⇐ Remove rear bulkhead cover -2- upward in direction of arrow from body, and from wind deflector or wind deflector support



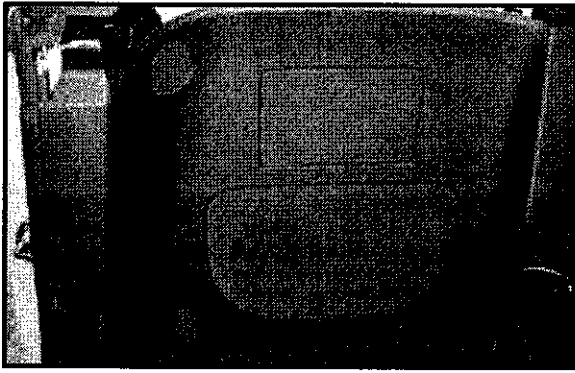
Tip: Reinstall driver side seat belt for driving to fuel station later – torque to 55Nm



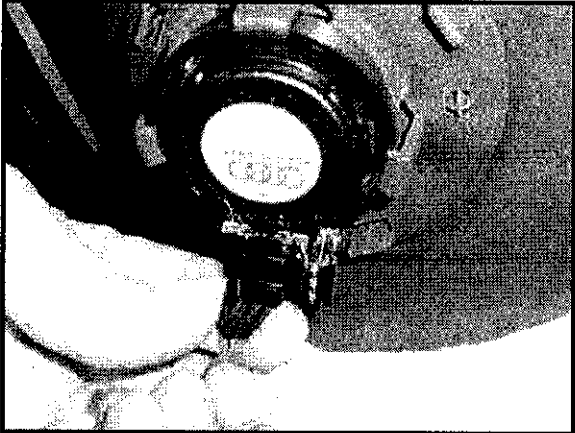
Tip: Reinstall both seat belts, if necessary, prior to driving – torque to 55Nm



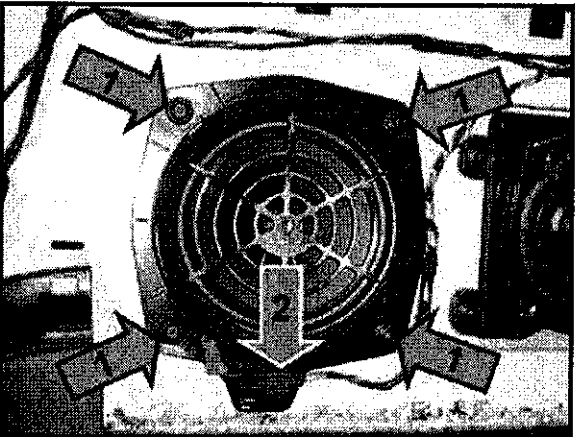
- Remove small trim piece -arrow-



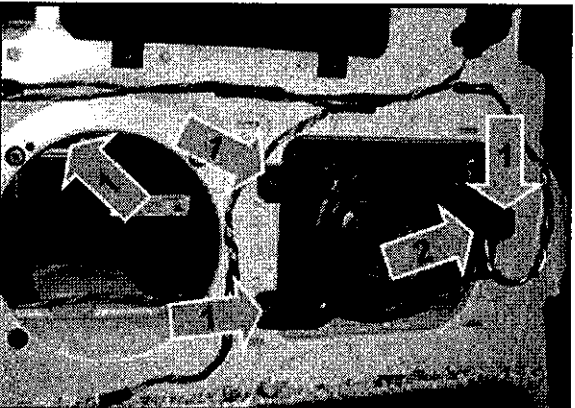
- Use Trim Removal Wedge -3409- to unclip rear bulkhead side trim from rear bulkhead, beginning at the top



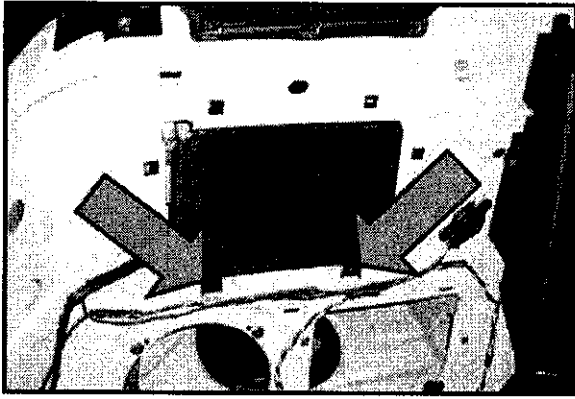
- ⇐ Disconnect electrical connector for small speaker from rear bulkhead side trim (pictured)



- ⇐ Remove four screws -arrows 1- and disconnect electrical connector -arrow 2- then, remove speaker

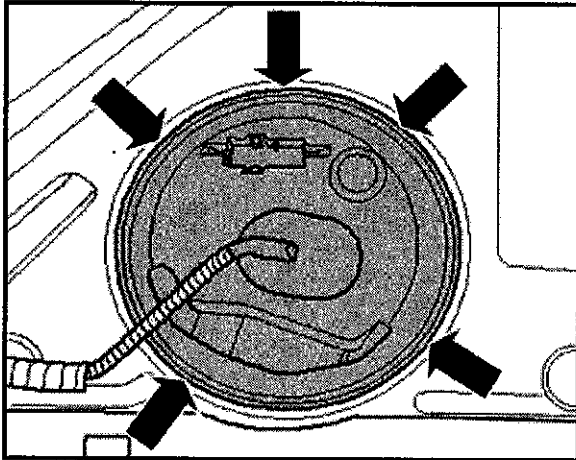


- ⇐ Remove four screws -arrows 1- and disconnect electrical connector -arrow 2- then, remove sound box



⇐ Remove two screws -arrows- and remove storage compartment trim piece then, **continue to Section D**

Section D – Removing Fuel Delivery Unit (All Models)



Tip: Prior to working on fuel system, remove fuel from vehicle using FM3000GH fuel storage cart, non-leaded (or equivalent)

- Remove fuel from vehicle leaving approximately 1 to 2 gallons in tank



Note: Prior to working on fuel system disconnect Ground cable at the battery

- Remove cover from fuel delivery unit located on passenger side of vehicle

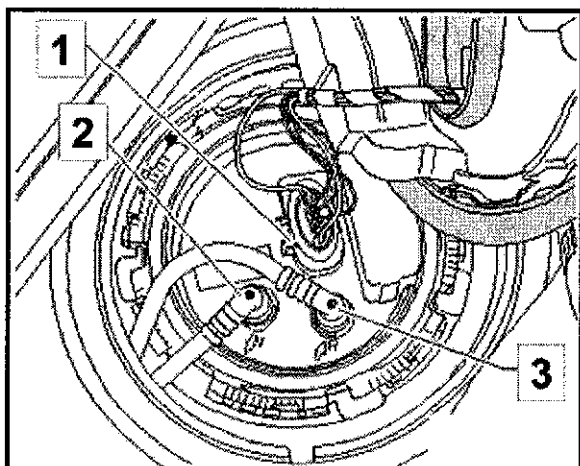


WARNING:

Fuel system is under pressure!

Wear protective goggles and protective clothing to prevent injuries or contact with skin

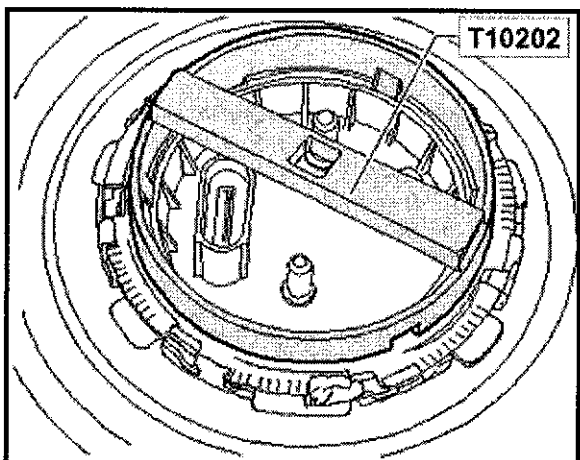
Before removing from hose connection wrap a cloth around the connection; then release pressure by carefully pulling hose off of connection



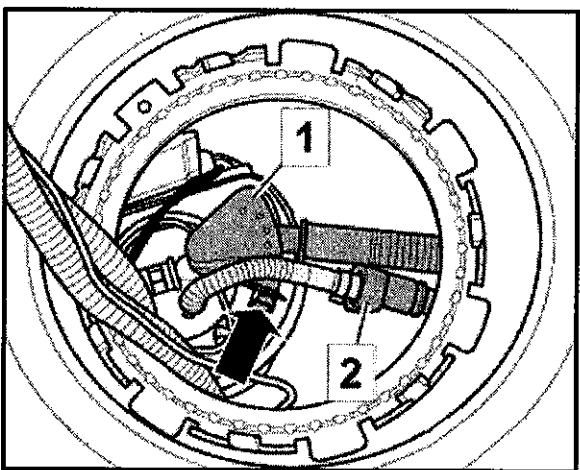
⇐ Remove connector -1- and fuel lines -2- and -3- from the flange



Tip: Press in securing ring to disengage fuel lines



- Remove locking ring with wrench T10202
- Pull right sealing flange and fuel delivery unit seal out from opening in fuel tank and lay aside with lines still attached



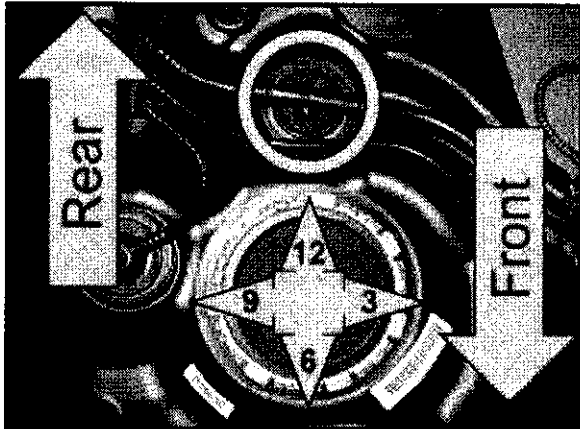
⇐ Through the fuel tank opening, separate the suction jet pump pipe -2- from the suction jet pump, by pressing the release button



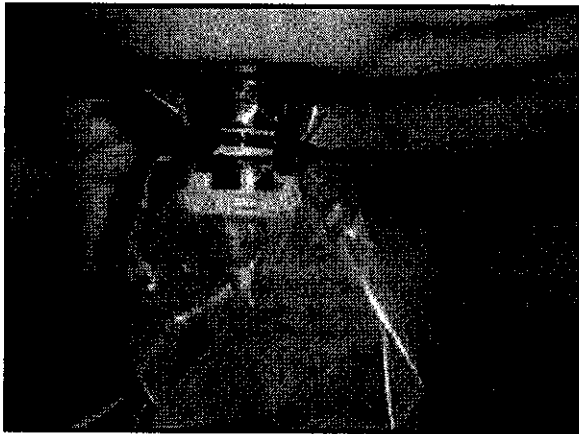
Tip: Fuel pump design may differ from illustration

- ⇐ Disconnect the fuel delivery line -1- by pressing the release -arrow- (if equipped)
- ⇐ Carefully remove the fuel delivery unit

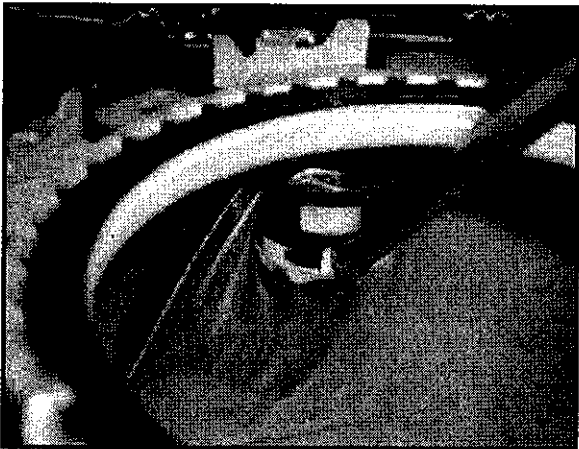
Section E – Valve Assembly Remove/Install (All Models)



Tip: Valve -circle- is located on passenger side at the 12 o'clock position and about 10 cm from the edge of the fuel pump assembly ring as you face rear of vehicle



- ⇐ Place bag over rollover valve on passenger side of tank (as pictured) using cable-tie wrap



- ⇐ Place screwdriver in slot and against the fuel pump assembly ring (as pictured)
- ⇐ Remove valve by striking down with moderate tapping force on the lower (white) part of valve



Note: STRIKE ONLY IN LOCATION SHOWN in picture

Damage to fuel tank will occur if different striking location is used



Note: DO NOT pry on the side of the valve

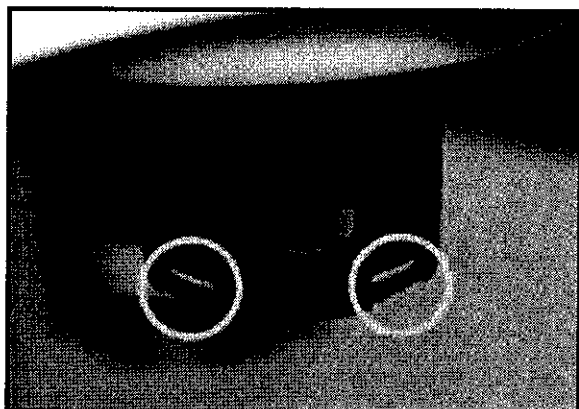
Prying on the side of the valve will result in damage to fuel tank



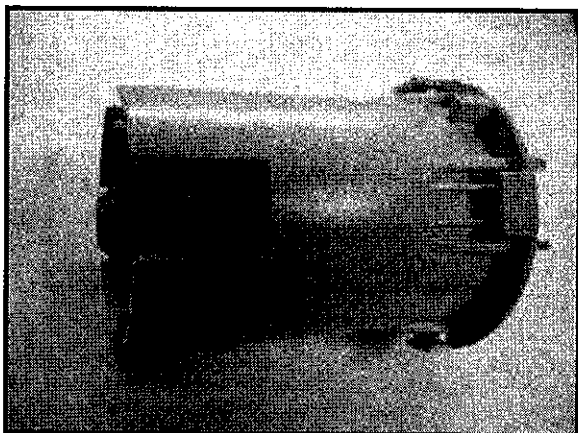
Tip: After removing valve, contents will fall into bag



- Remove bag and contents from fuel tank
- Inspect contents of plastic bag. If bag contains any **pieces of black plastic**, contact Campaign Helpline at 1-800-741-2919
- Inspect and remove any debris that may have fallen into the tank. **If black plastic pieces are found**, contact Campaign Helpline at 1-800-741-2919



- Inspect valve housing in fuel tank for damage. If damage is found contact Campaign Helpline at 1-800-741-2919
- ⇐ Ensure all four retaining tabs are intact -circles- (two not pictured). If damage is found contact Campaign Helpline at 1-800-741-2919



- Prepare new valve assembly



Tip: Valve assembly = valve, cage and spring



- Insert new valve assembly into tank



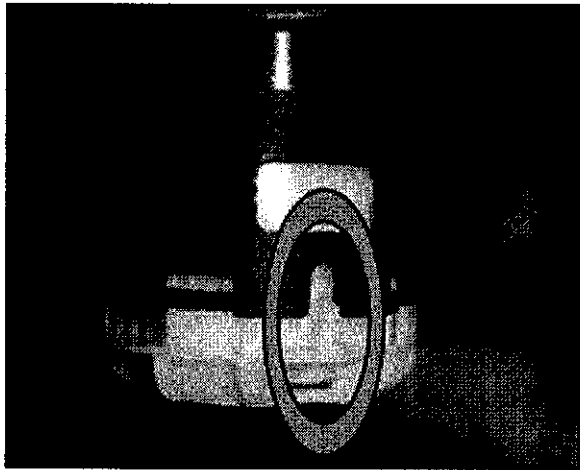
Tip: Valve assembly must be installed dry
DO NOT use any lubricant on valve




- ⇐ Carefully slide new valve assembly into position keeping alignment of cage (grey piece) to housing (black piece) parallel to each other

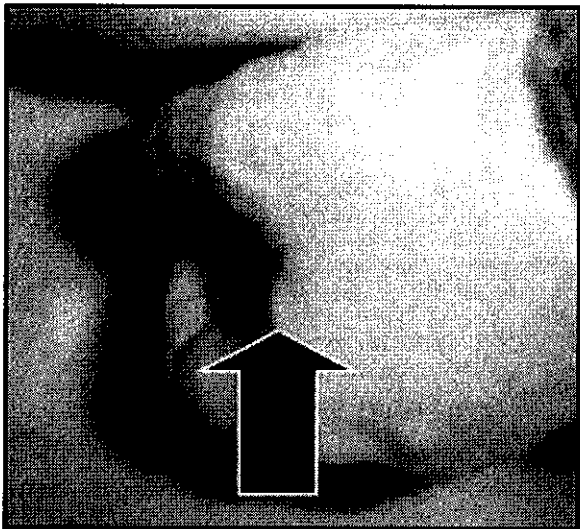


Note: If alignment is not kept straight, fingers of the cage will prevent valve from functioning properly




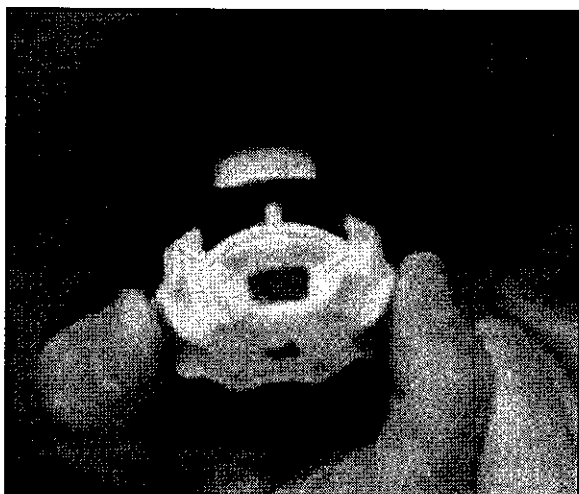
 **Note:** Alignment tabs in valve and housing
-circle- **MUST** line up before pushing
valve into housing

**FAILURE TO ALIGN TABS
PROPERLY WILL RESULT IN FUEL
TANK DAMAGE**



← **Push valve securely and evenly upward into
retainer -arrow- and do not push against the side
of the valve**

 **Tip:** Seating of the valve is confirmed by an
audible "click"



⇐ Inspect for proper installation of the valve by using only one or two fingers (as shown), and light side-to-side rotating motion, ensure valve assembly rotates easily in housing



Tip: Valve should easily rotate approximately 1 to 2mm from side to side with no resistance



Note: If valve assembly is difficult to rotate or cannot be rotated easily with one or two fingers perform **Section G again**, using new valve and cage assembly.

Prior authorization for this must be obtained from the Campaign Helpline. For authorization, call Campaign Helpline at 1-800-741-2919



Tip: Do not reinstall the fuel delivery unit until after the EVAP lines have been purged. This is to prevent pressurizing the fuel tank with shop air during the EVAP line purge process

Section F – Remove Exhaust

A3 models:

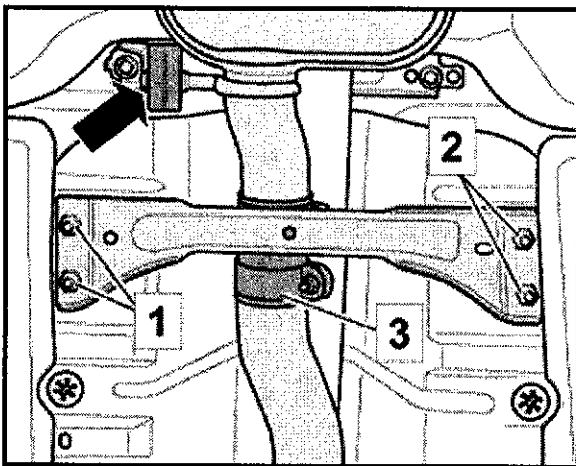


WARNING:

To protect the decoupling elements, secure front part of exhaust system to vehicle underbody with wire before removing mufflers



Tip: If damage or missing components are observed, notify customer that item(s) must be addressed at customer responsibility, before campaign can be performed; mark notation on repair order accordingly

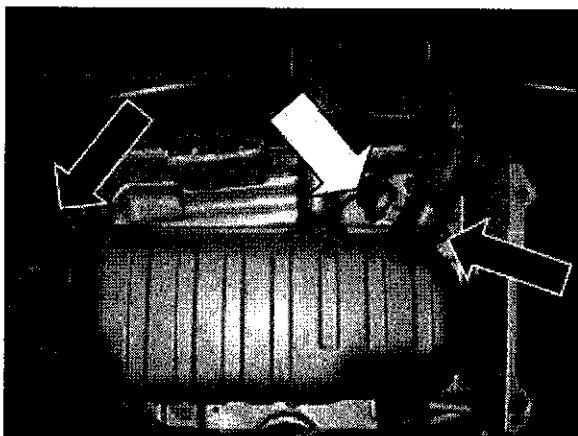


- Raise vehicle on hoist
- ⇐ If necessary, remove underbody crossmember by removing nuts -1- and -2-
- ⇐ Remove two nuts for clamping sleeve -3- and slide clamp forward
- ⇐ Separate exhaust from retaining loop -arrow-

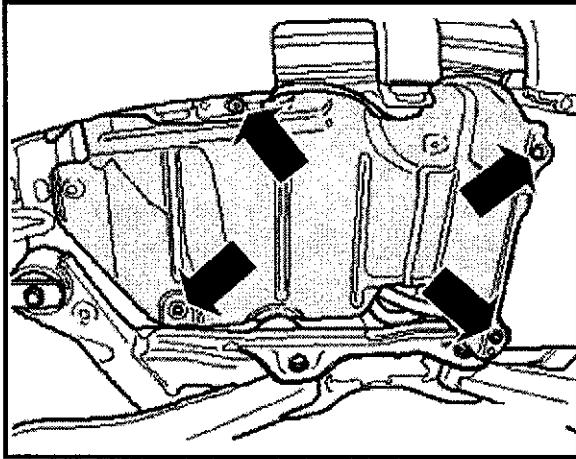


Tip: Do not bend the flex joints in front of the exhaust pipe more than 20 degrees or they may be damaged

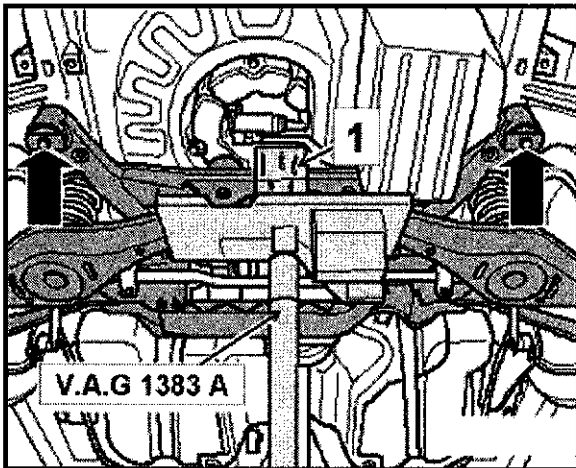
Exhaust system components are not covered under this action



- ⇐ If equipped, disconnect vacuum line from exhaust flap vacuum actuator -white arrow-
- ⇐ With aid of another technician or using the V.A.G 1383A Engine/Transmission Jack (or equivalent), remove bolts for rear exhaust hangers -black arrows- and remove center and rear exhaust as an assembly



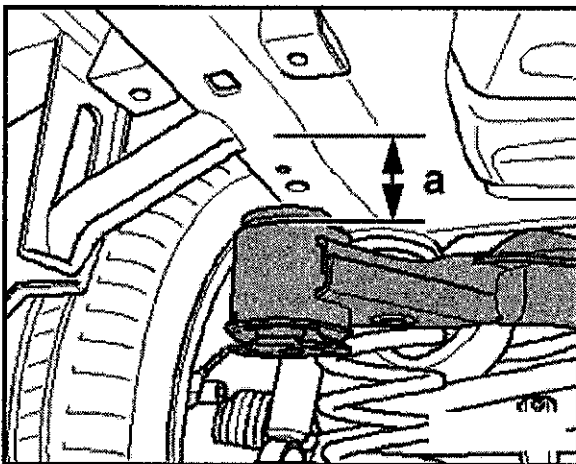
⇐ Remove heat shield for rear exhaust -arrows-



- Place engine/transmission jack V.A.G 1383A under rear axle

⇐ Place a block of wood -1- between engine/transmission jack V.A.G 1383A and sub frame

⇐ Remove rear bolts -arrows- at left and right of sub frame one at a time



⇐ Slowly lower sub frame using engine/transmission jack V.A.G 1383A until distance between sub frame and body achieves the dimension -a-



Tip: Dimension -a- 45 to 50 mm



Note: Do not allow rear sub frame to hang unsupported

Damage caused by allowing sub frame to hang unsupported will not be covered under this action

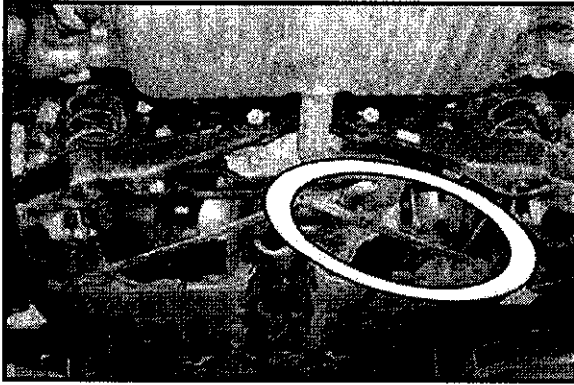
- A3 models **proceed to Section G**

TT Roadster models:



WARNING:

To protect the decoupling elements, secure front part of exhaust system to vehicle underbody with wire before removing mufflers



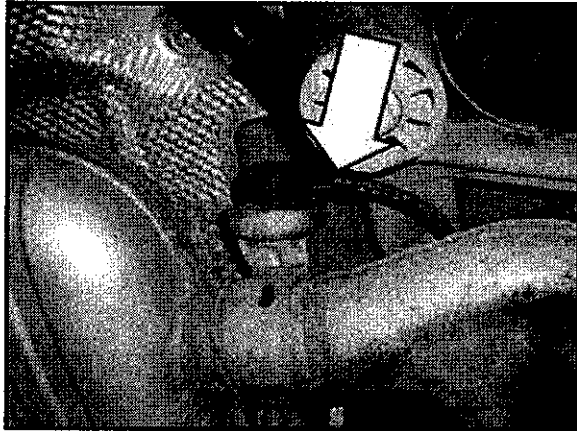
⇐ Remove passenger side diagonal brace -circle- and discard the bolts



Tip: Do not bend the flex joints in front of the exhaust pipe more than 20 degrees or they may be damaged

Exhaust system components are not covered under this action

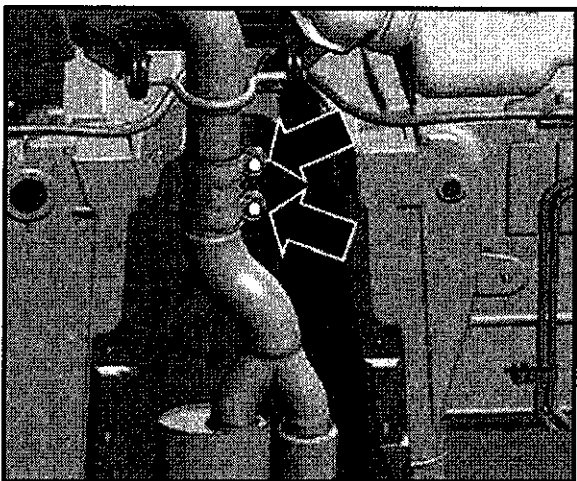
All TT Models:



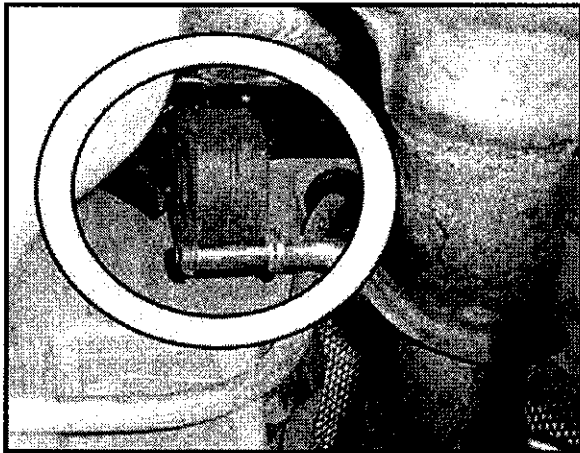
⇐ Disconnect hose -arrow- from exhaust noise generator located above rear exhaust



Note: Support exhaust system using V.A.G 1383A Engine/Transmission Jack (or equivalent)



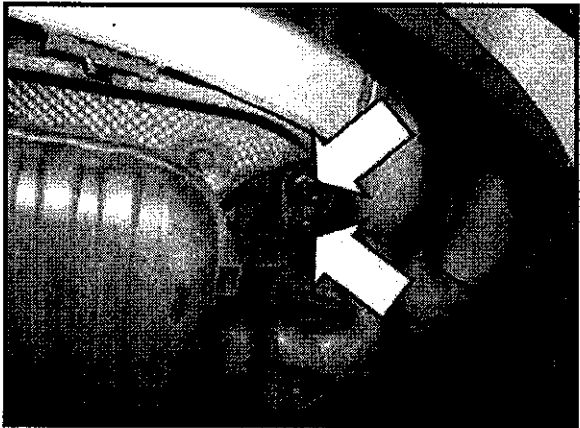
⇐ Remove screws -arrows- for dual clamping sleeve



⇐ Carefully disconnect both the front and center exhaust mounts as shown -circle-

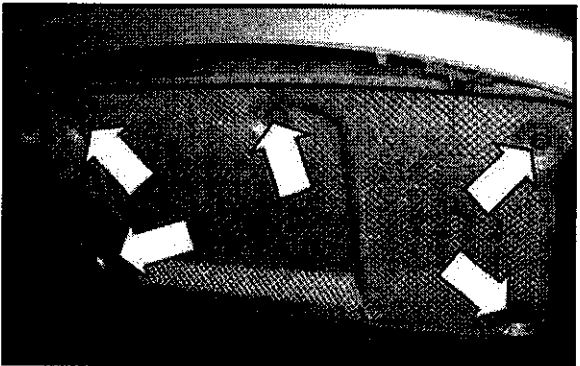


Tip: Use a lubricant such as silicon spray on the rubber portion of the mount to aid with disconnecting and reassembling the mount



⇐ Remove retaining screw and nut -arrows- from both rear muffler mounts

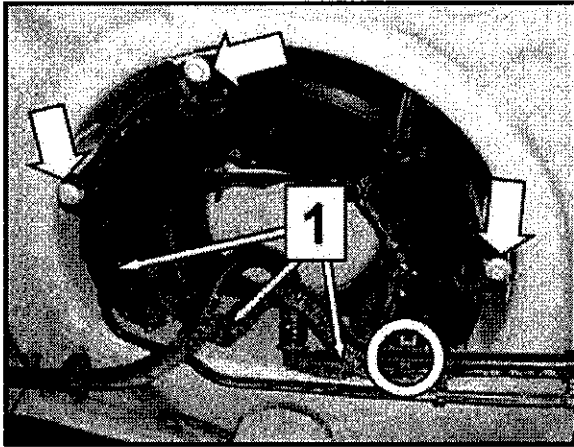
- Lower rear muffler assembly using the aid of another technician or V.A.G 1383A Engine/Transmission Jack (or equivalent)




⇐ Remove five nuts -arrows- for heat shield and remove heat shield

Section G – EVAP Canister Removal for Weight Inspection

TT Roadster/Coupe Canister:



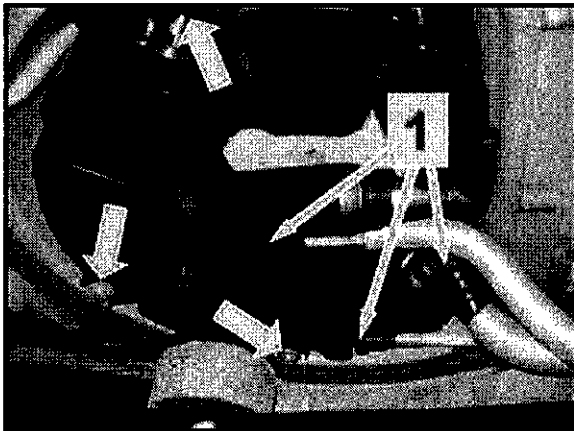
⇐ Disconnect EVAP lines -1-

 **Note:** Be aware that O-rings may fall out when disconnecting lines. Ensure that O-rings are reinstalled prior to reconnecting lines


⇐ Cut cable tie -circle-

⇐ Remove bolts -arrows-

A3 Canister:




⇐ Disconnect EVAP lines -1-

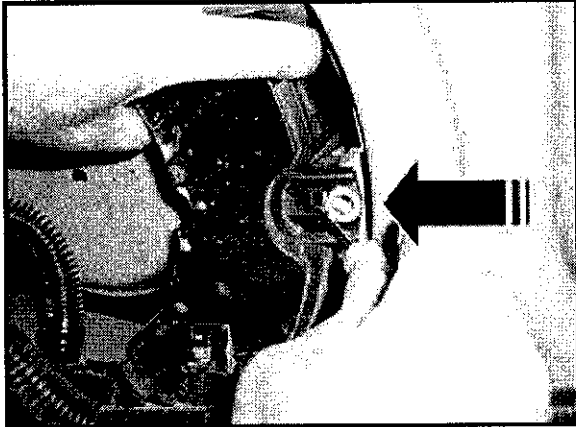
 **Note:** Be aware that sub frames may fall out when disconnecting lines
Ensure that O-rings are reinstalled prior to reconnecting lines

⇐ Remove bolts -arrows-

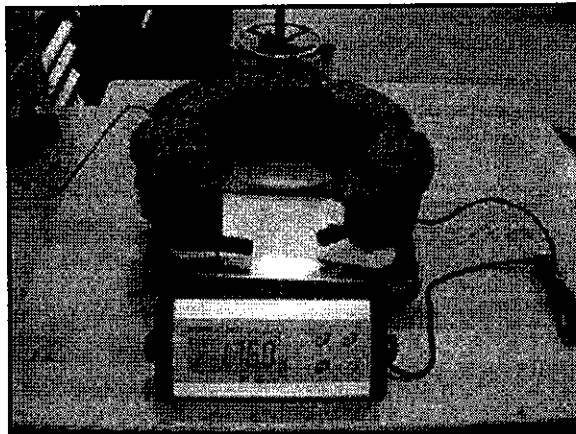


 **Tip:** During the purging process or when disconnecting EVAP lines from canister, be aware of O-rings -arrow- that may become loose or fall out
Always reinstall them prior to reconnecting lines.

All models:



- ⇐ Release the retaining tabs in the direction of -arrow- and remove the EVAP canister from the vehicle

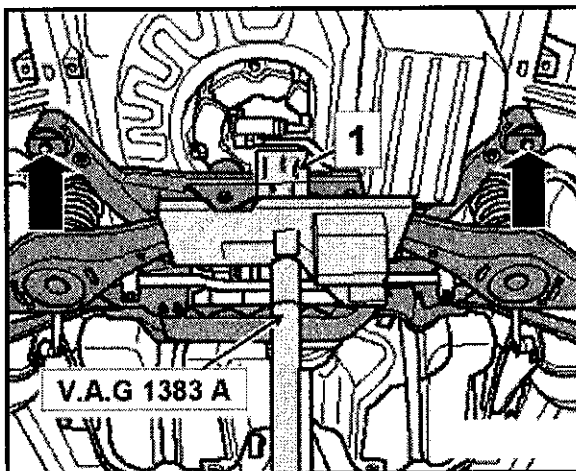


- ⇐ Weigh the EVAP canister (pictured) using Digital scale with 15 kilogram capacity and 5 gram accuracy and compare to chart below:

Model	Part #	Max weight
TT	8J0 201 797D	2100 grams
A3	1K0 201 797N	2200 grams

- If weight is **less than** the maximum weight, the canister is not damaged and **must be reused**
- If weight is **greater than** the maximum weight, **replace the canister**

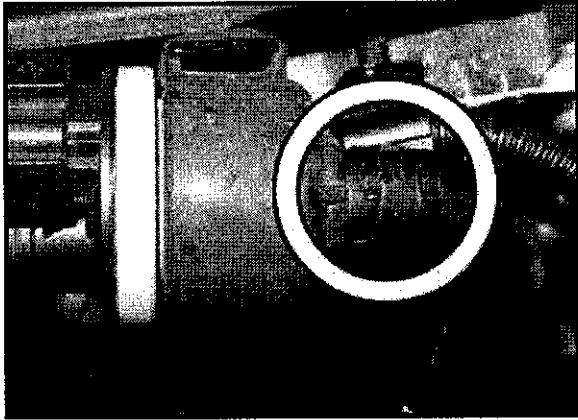
A3 Models:




- ⇐ Temporarily raise and secure sub frame using original bolts and remove engine/transmission jack V.A.G 1383A

Section H – Purge EVAP Lines

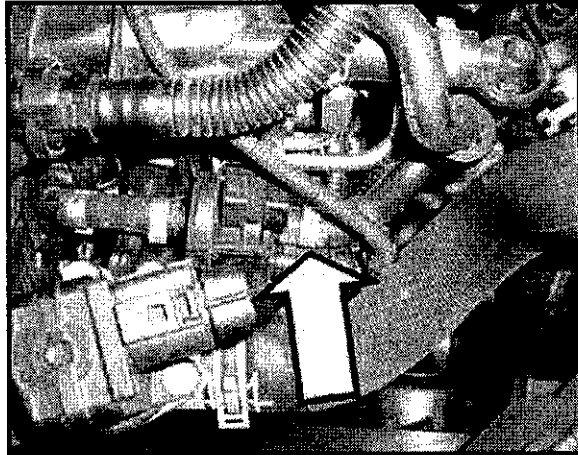
A3 models:




- Lower vehicle on hoist and open hood
- ⇐ Disconnect clamp -circle- from EVAP canister purge valve N-80

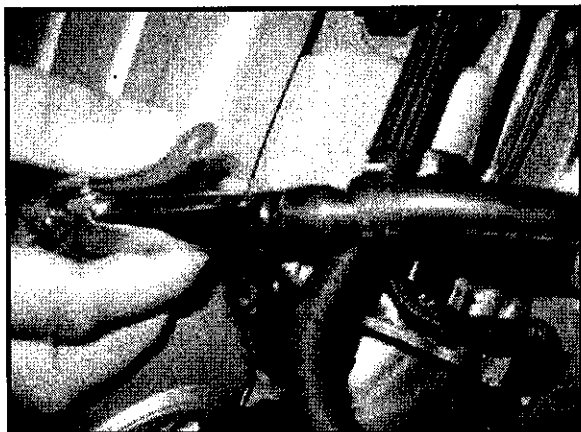
 Note: Wrap a cloth around lines prior to disconnecting. Liquid fuel may be present

All TT models:



- Lower vehicle on hoist and open hood
- ⇐ Disconnect clamp -arrow- from EVAP canister purge valve N-80

 Note: Wrap a cloth around lines prior to disconnecting. Liquid fuel may be present



⇐ Using dry compressed shop air, purge any debris, fuel or contaminants from line leading to EVAP canister

Note: Liquid fuel may be present
Wrap cloth around end of line prior to purging, if liquid fuel is suspected

A3/non-TTS models:

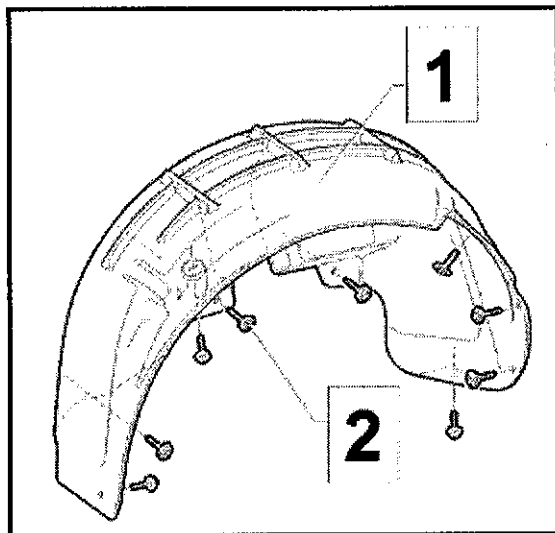
- Reconnect line to EVAP canister purge valve N-80 and install new spring clip (N 907 683 01)

⇐ TTS models:

- Reconnect line to EVAP canister purge valve N-80 and install new retaining clip (N 101 992 01)

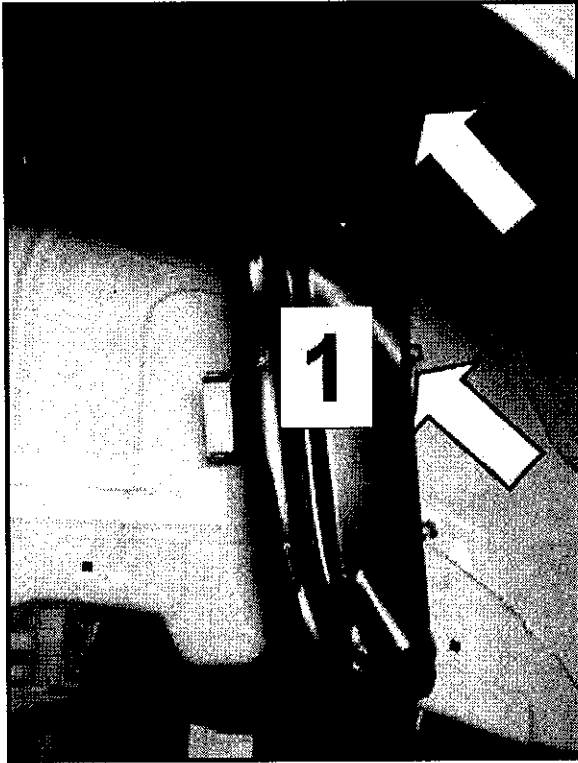
Tip: On 2.0T engine equipped models, if liquid fuel is present at the N-80 valve, valve must be replaced

- Close hood
- Raise vehicle on hoist

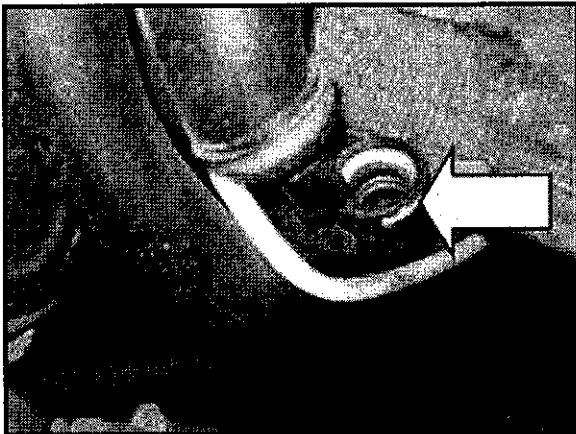


- Remove right rear (passenger side) wheel (illustration shows left rear)
- ⇐ Remove screws -2- (qty. 9)
- Remove right rear (passenger side) wheel housing liner -1-
- TT models – perform on both sides

A3 Models:



⇐ Remove two screws -arrows- and remove tank protection plate for filler neck cover -1-

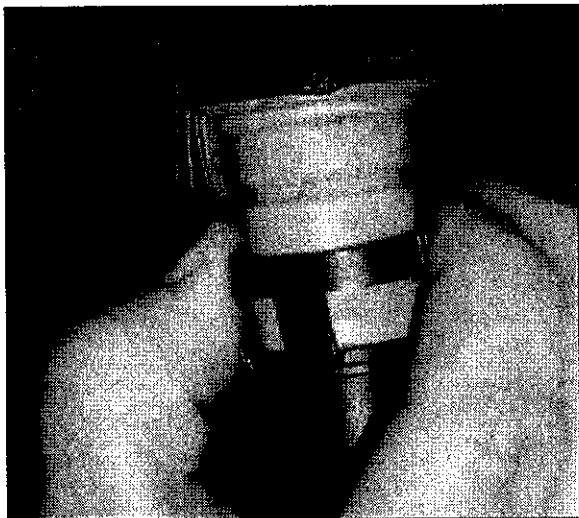


⇐ Disconnect connector at base of filler neck by pushing in on white bar -arrow-

- Drain any residual fuel from area by tilting line downward

ⓘ Note: Do not use shop air on line -arrow-, unless fuel pump is removed, as line leads to fuel tank and it can result in damage to fuel tank

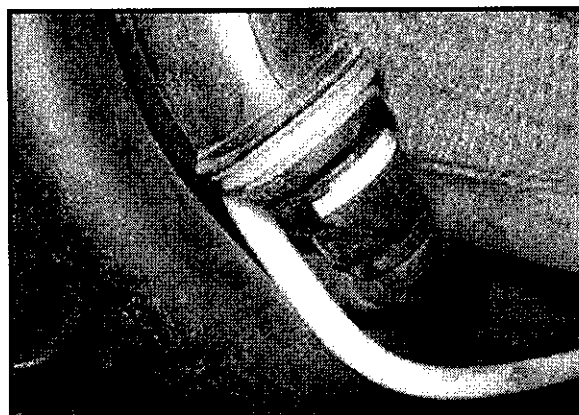
Damage to fuel tank is not covered under this action



- Wrap cloth around connection at bottom of filler neck
- ⇐ Disconnect connector at top of filler neck by pushing in on two black holding rings (pictured) and pulling downward



Tip: Liquid fuel may drain from bottom of filler neck



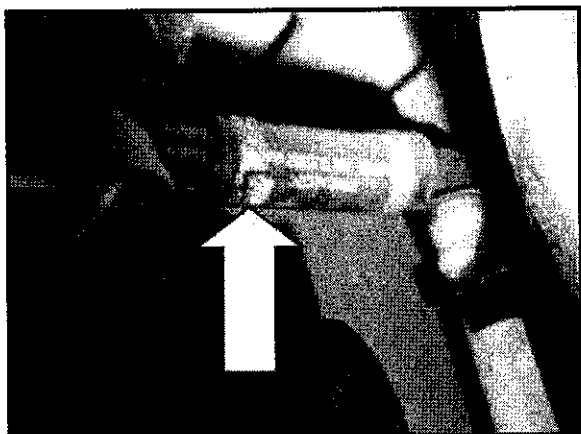
- Reinstall connector at base of filler neck until it clicks



Tip: Ensure connector is properly seated by pulling downward




- ⇐ Disconnect black line to top of filler neck at connector -arrow- at base of wheel housing




- ⇐ Remove clamp -arrow- from LDP side of line and disconnect rubber line from LDP



- Using dry compressed shop air, purge any debris, fuel or contaminants from the black line at the base the wheel housing leading to EVAP canister


 **Note:** Liquid fuel may be present. Wrap cloth around end of line prior to purging, if liquid fuel is suspected

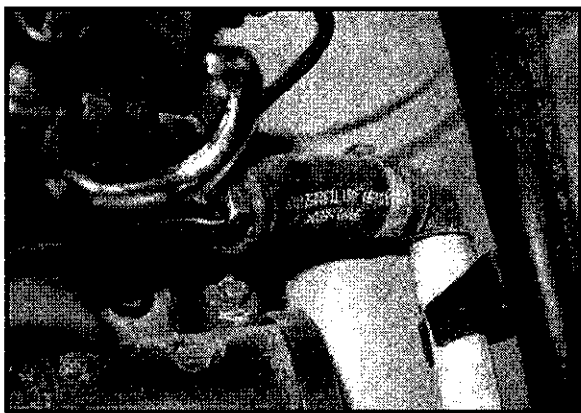
 **WARNING!**
Fire hazard! Do not smoke or work near heaters or have anything in the area that could ignite fuel or fumes
Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection
Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections
Ensure battery is disconnected



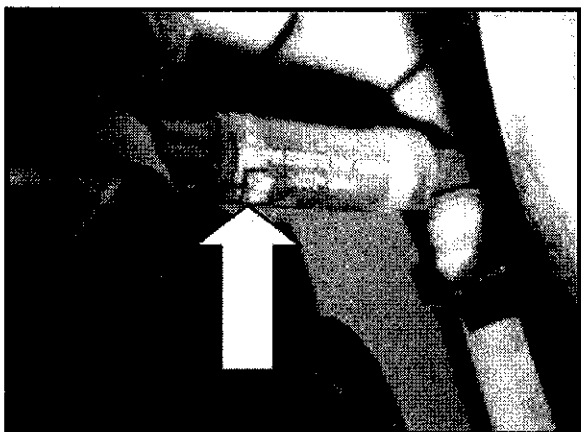
- ⇐ Using dry compressed shop air, purge any debris, fuel or contaminants from the black line at top of the filler neck that leads to bottom of wheel housing

- Reinstall connectors until they "click"

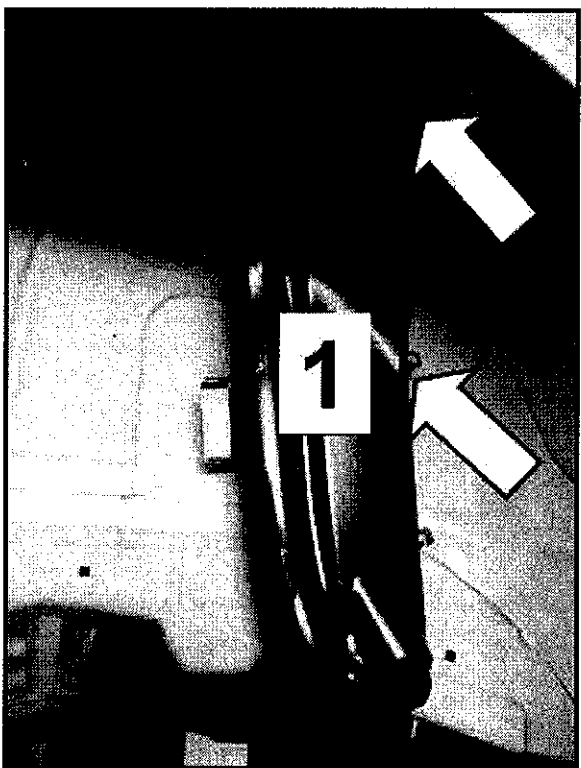
 **Tip:** Ensure connectors are properly seated by pulling downward



- Using dry compressed shop air, purge any debris, fuel or contaminants from the line coming out of the LDP leading to the EVAP canister



- ⇐ Reinstall hose with new 23.5mm clamp (N 102 556 01) -arrow-



- ⇐ Reinstall filler neck cover -1- and two screws -arrows- then, **proceed to Section J**

TT Models:



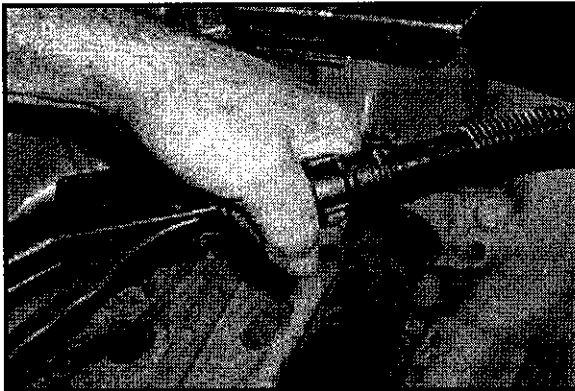
WARNING!

Fire hazard! Do not smoke or work near heaters or have anything in the area that could ignite fuel or fumes

Fuel system is under pressure! Before opening system, place a cloth around the connection. Release pressure by carefully loosening the connection

Always wear eye protection and wear fuel-resistant gloves when disconnecting system connections

Ensure battery is disconnected

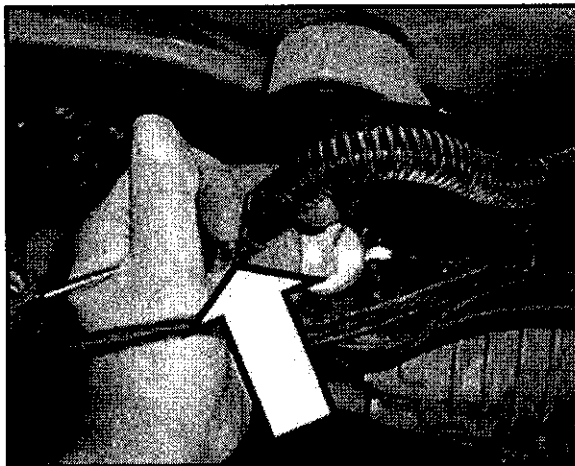


⇐ Disconnect EVAP line -arrow- from Leak Diagnosis Pump

- Using dry compressed shop air, purge any debris, fuel or contaminants from the line coming out of the LDP leading to the EVAP canister



Tip: Be aware of O-rings on opposite end of this line may come out



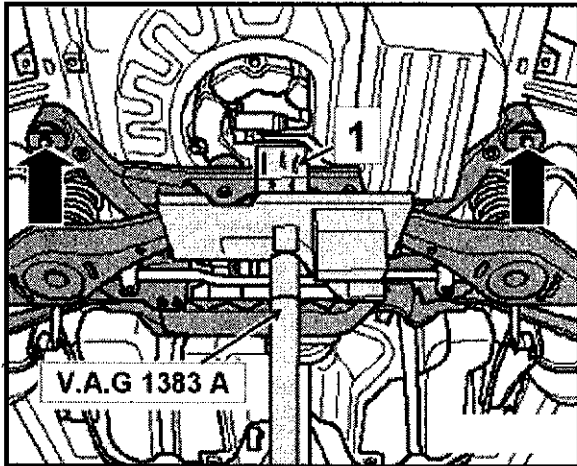
- Using dry compressed shop air, purge any debris, fuel or contaminants from the line coming out of the EVAP canister leading to the fuel tank



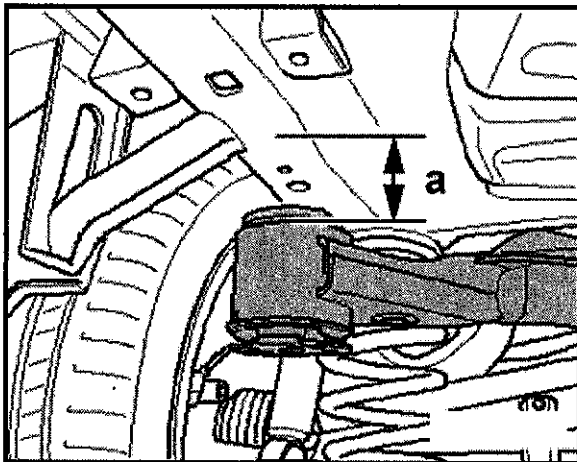
Note: This step may only be performed with the fuel pump removed from the fuel tank

Section J – EVAP Canister Installation

A3 Models:



- Place engine/transmission jack V.A.G 1383A under rear axle
- ⇐ Place a block of wood -1- between engine/transmission jack V.A.G 1383A and sub frame
- ⇐ Remove rear bolts -arrows- at left and right of sub frame one at a time, and discard bolts



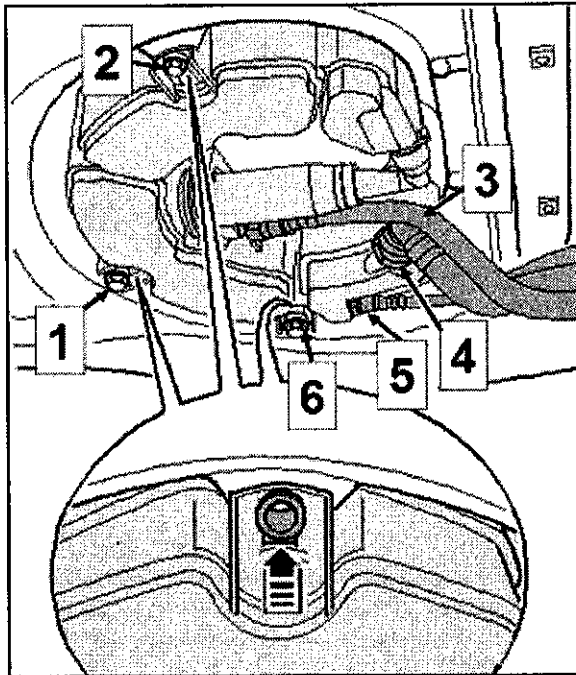
- ⇐ Slowly lower sub frame using engine/transmission jack V.A.G 1383A until distance between sub frame and body achieves the dimension -a-



Tip: Dimension -a- 45 to 50 mm

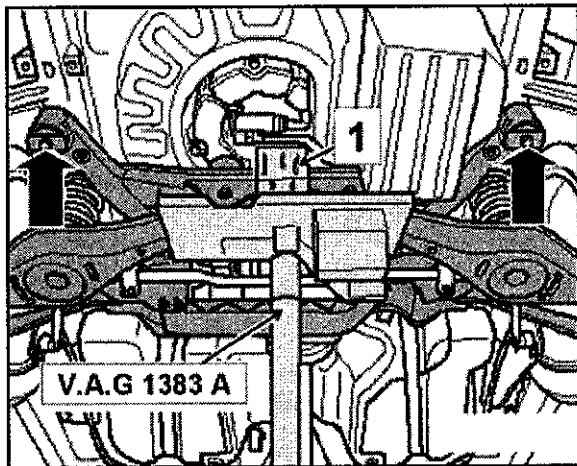


Note: Do not allow rear sub frame to hang unsupported. Damage caused by allowing sub frame to hang unsupported will not be covered under this action

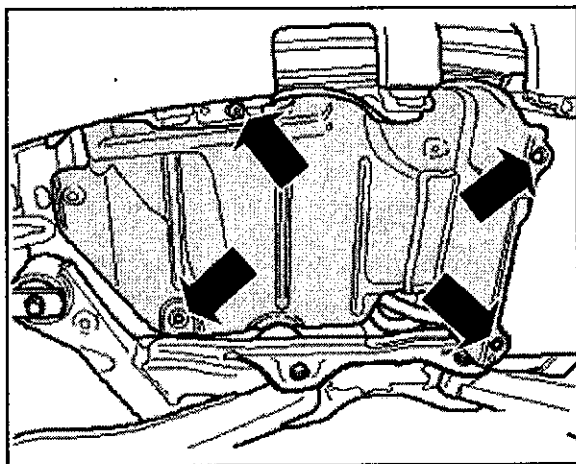


- ⇐ Reinstall original (if within spec) or new EVAP canister (if original was out of spec) into place and push retaining tabs in -direction of arrow-
- ⇐ Reinstall bolts -1-, -2- and -6- and torque to 8 Nm
- ⇐ Reconnect vent lines -3-, -4- and -5- until they engage audibly with a "click"

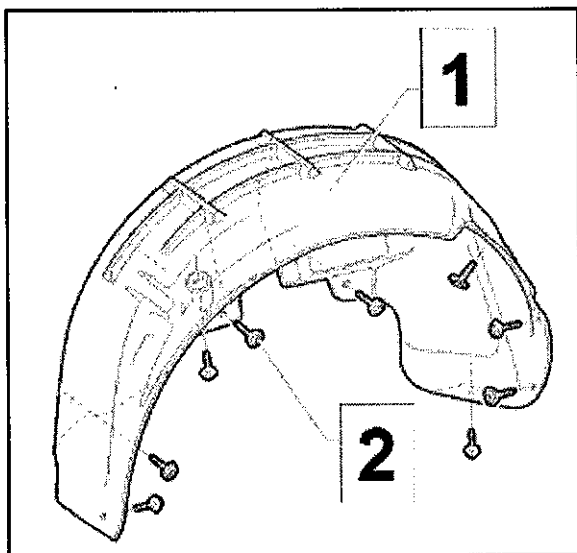
Note: Be aware that O-rings may have fallen out when lines were disconnected
Ensure that O-rings are reinstalled prior to reconnecting lines



- Raise rear sub frame into place
- ⇐ Install new bolts (N 105 05301) -arrows- and torque to 90 Nm + 90° additional turn
- Remove engine/transmission jack V.A.G 1383A and remove block of wood -1-

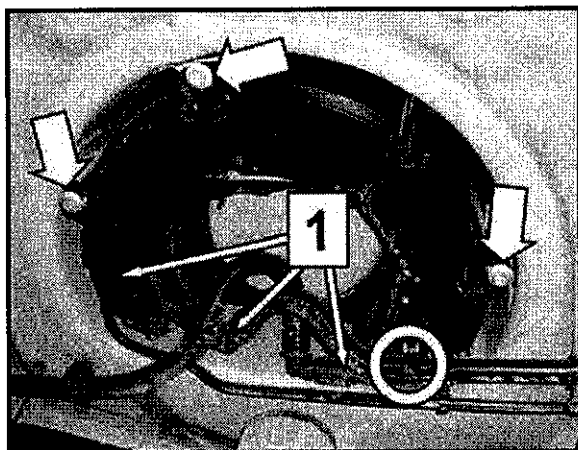


- ⇐ Reinstall heat shield and tighten bolts -arrows-



- ⇐ Reinstall right rear (passenger side) wheel housing liner -1- (illustration shows left rear)
- ⇐ Reinstall screws -2- (qty. 9)
- Reinstall right rear (passenger side) wheel then, **proceed to Section K**

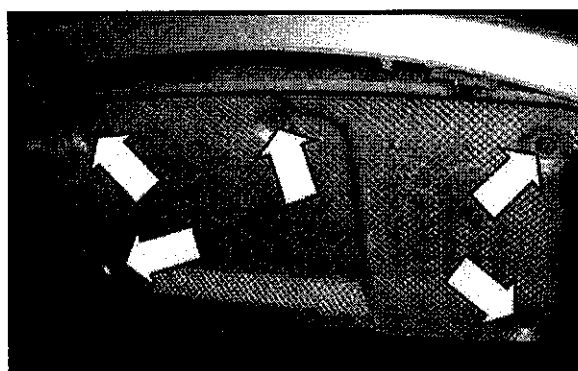
TT Roadster/Coupe Canister Installation:



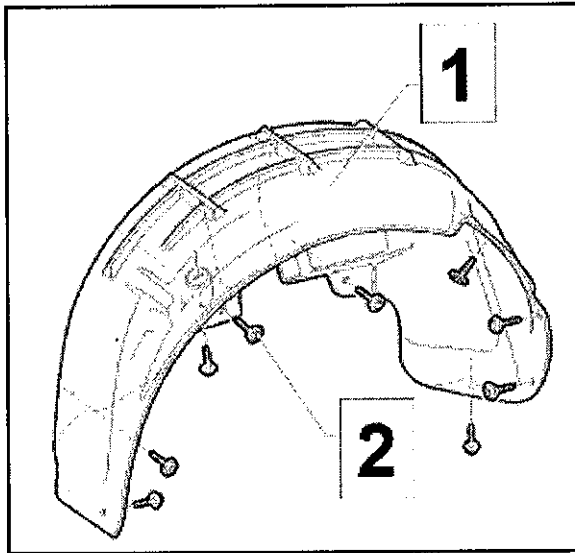
- ⇐ Reinstall original (if within spec) or new EVAP canister (if original was out of spec) into place and push retaining tabs in -direction of arrow-
- ⇐ Reinstall bolts -arrows- and torque to 8 Nm
- ⇐ Reconnect EVAP lines -1-

Note: Be aware that O-rings may have fallen out when lines were disconnected. Ensure that O-rings are reinstalled prior to reconnecting lines

- ⇐ Install cable tie -circle- (shop supply)

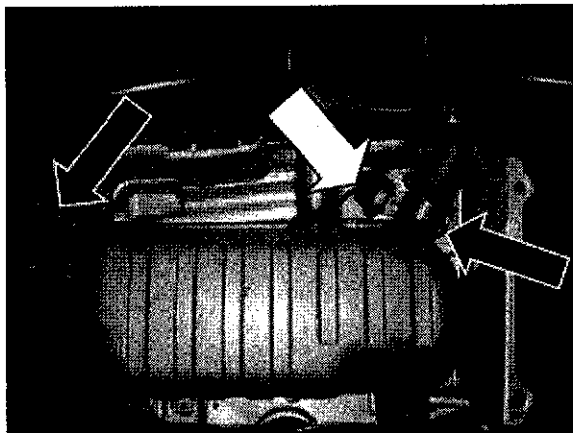


- ⇐ Reinstall heat shield and reinstall five nuts -arrows-



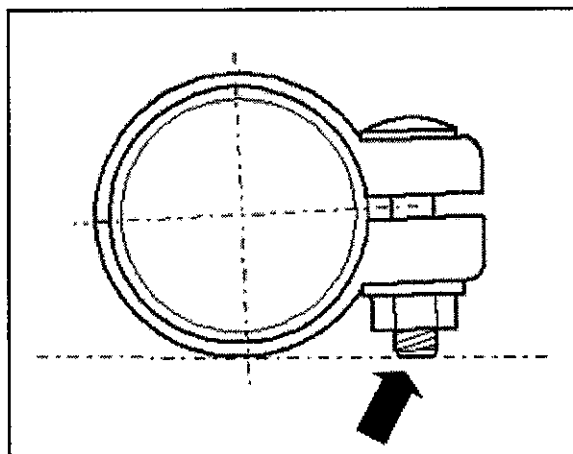
- ⇐ Reinstall both rear wheel housing liners -1- (illustration shows left rear)
- ⇐ Reinstall screws -2- (qty. 9 per side)
- Reinstall rear wheels

Section K – Exhaust Reinstallation

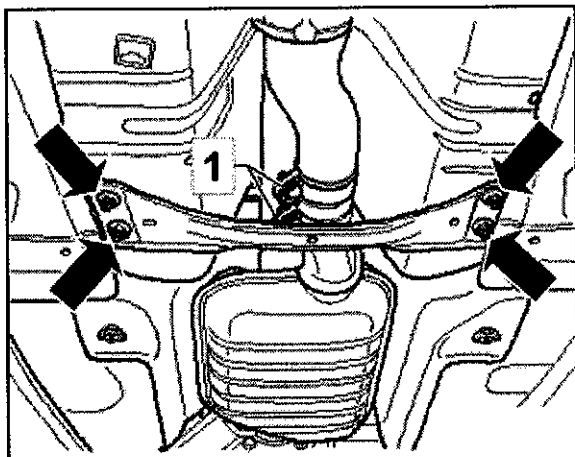


A3 Models:

- Using the aid of another technician or using the V.A.G 1383A Engine/Transmission Jack (or equivalent), raise exhaust assembly into position for reinstallation
- ⇐ Reinstall bolts for rear exhaust hangers -black arrows- and torque to 25 Nm
- ⇐ If equipped, reconnect vacuum line to the exhaust flap vacuum actuator -white arrow-

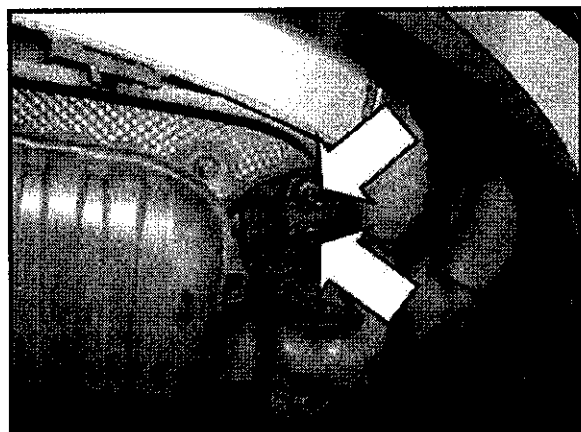


Tip: Pay attention to the clamping sleeve position. Ends of the bolts must not protrude beyond the lower edge of the clamping sleeve

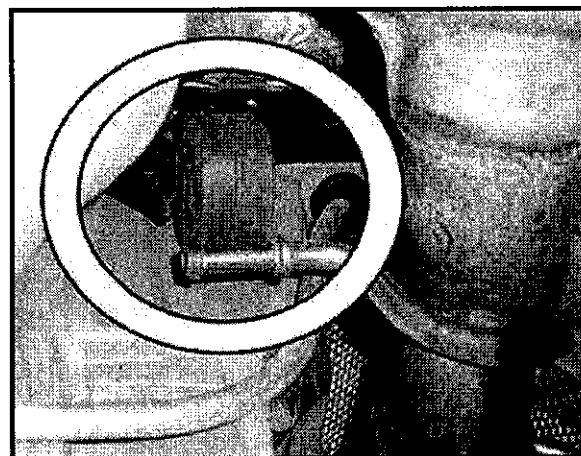


- ⇐ Slide exhaust assembly onto clamping sleeve -1-
- ⇐ Reinstall crossmember and bolts -arrows-, if previously removed
- Tighten clamping sleeve connections to 25 Nm
- Lower vehicle on hoist and **proceed to Section L**

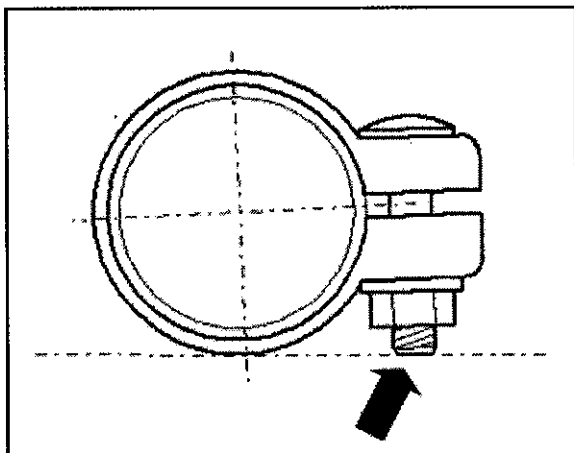
TT Models:



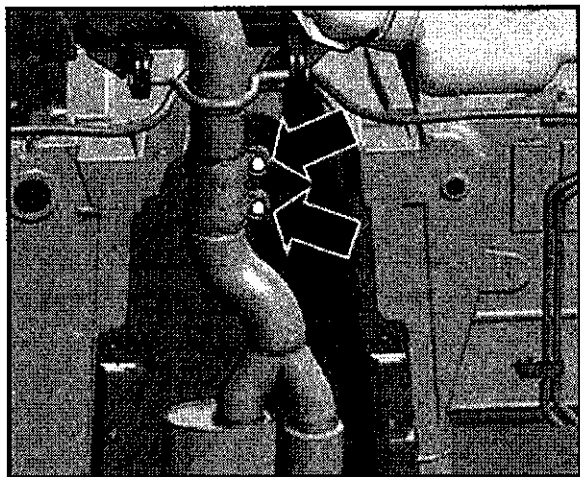
- Raise rear muffler assembly back into place using the aid of another technician or V.A.G 1383A Engine/Transmission Jack (or equivalent)
- ⇐ Reinstall both rear muffler mounts and retaining screw and nut -arrows- and torque to 25 Nm



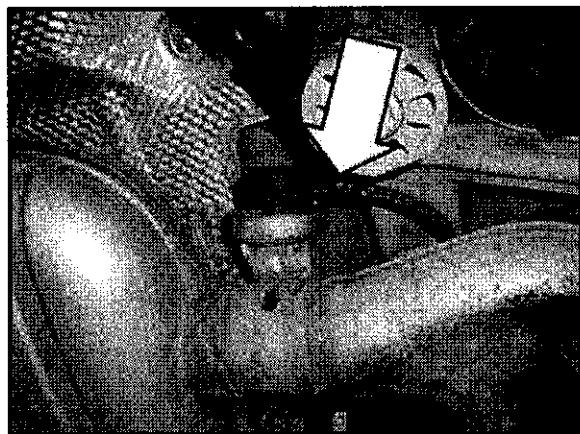
- ⇐ Carefully reconnect both the front and center exhaust mounts -circle-



Tip: Pay attention to the clamping sleeve position. The ends of the bolts must not protrude beyond the lower edge of the clamping sleeve

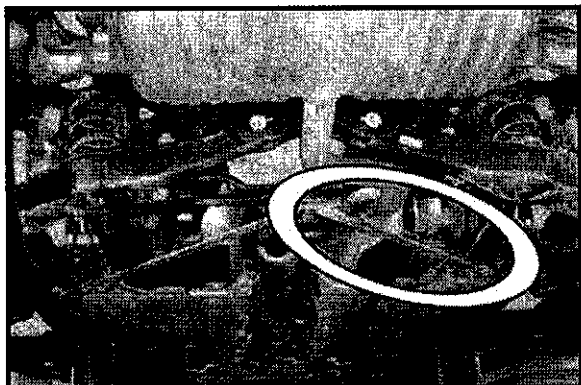


⇐ Reinstall dual clamping sleeve and torque screws- arrows- to 25 Nm



⇐ Reconnect hose -arrow- onto exhaust noise generator located above left rear exhaust, if equipped

TT Roadster Model:

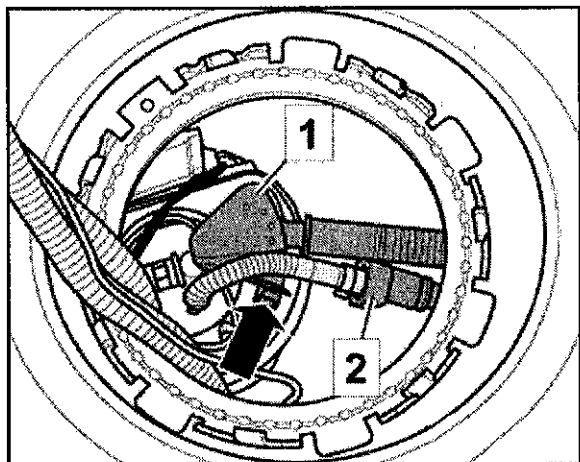


- ⇐ For TT Roadster, reinstall diagonal brace (N 910 659 01) and (N 106 254 01)
-circle- with new bolts and torque to 40 Nm
+45° turn

- Lower vehicle on hoist

Section L - Fuel Delivery Unit Reinstallation (All Models)

- Carefully reinstall fuel delivery unit



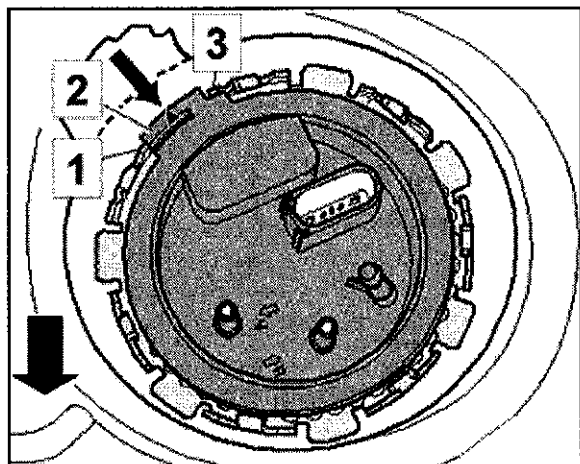
- ① **Note:** When reinstalling fuel delivery unit, be sure not to bend fuel level sensor
Damage to fuel level sensor is not covered under this action

- Insert dry new sealing ring of fuel delivery unit into opening of fuel tank



Tip: Only coat seal with fuel when installing fuel delivery unit

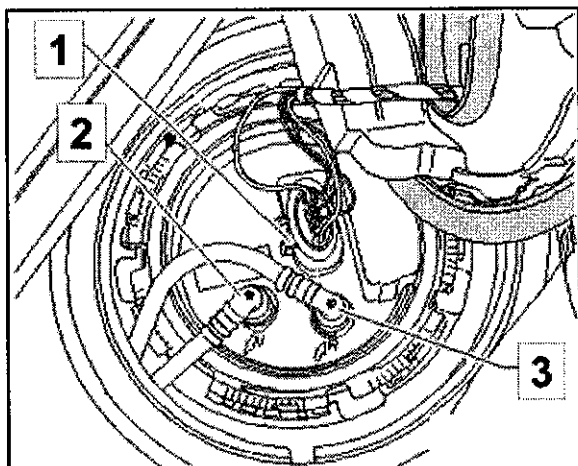
- ⇐ Reconnect fuel delivery line -1- until you hear an audible "click"
- ⇐ Reconnect suction jet pipe -2- to suction jet pump until you hear an audible "click"



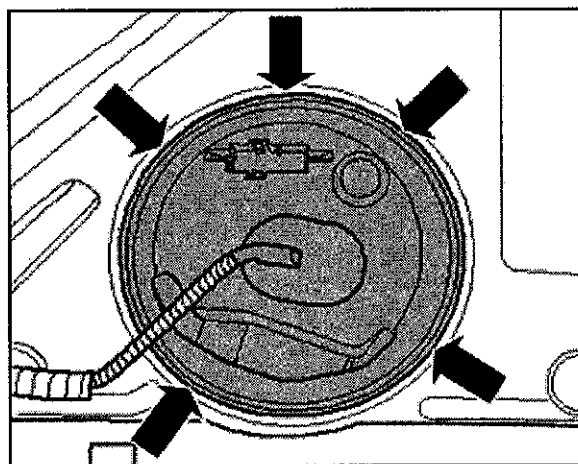
- ⇐ The tab -2- on locking flange faces toward the arrow marking and must lie between tabs -1- and -3- on fuel tank



Tip: -arrow- points in direction of travel



⇐ Reinstall connector -1- and fuel lines -2- and -3- onto the flange

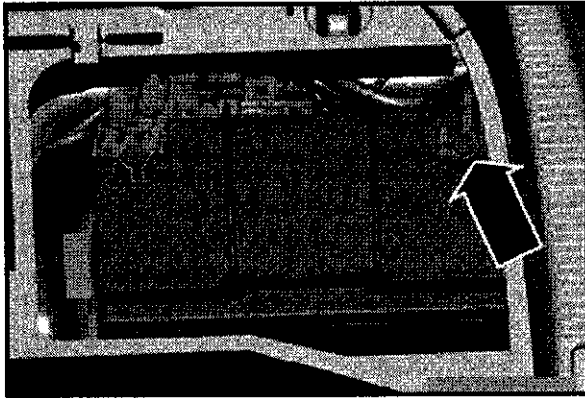


⇐ Reinstall cover for fuel delivery unit



Tip: Before reinstalling rear seat on A3 & TT Coupe models or trim pieces onto TT Roadster, perform vehicle fill test which will help identify any possible fuel leaks around the seal.

Section M – Reconnect Battery



⇐ Reconnect terminal clamp of Ground (GND) wire by hand to battery negative terminal “-” -arrow- and tighten nut to 6 Nm

- Reinstall cover for negative battery terminal
- Reinstall luggage compartment floor cover
- Activate the power window regulator one-touch up/down function
- Synchronize secondary and additional keys to ensure remote control operation. To do so, insert key into ignition lock, switch the ignition on and off again and remove key
- Check and clear faults



Tip: After connecting the power supply, the ABS warning lamp may only go out after the vehicle has been driven a few yards

Section N – Fuel Filling Test (All Models)



WARNING!

For TT Roadster models ensure seat belt anchors have been properly reinstalled prior to driving vehicle

Reference Section C

- Drive vehicle to fuel filling station



Tip: Before beginning trip, ensure enough fuel is present in tank to arrive safely at fuel filling station



Note: Do not use fuel cart FM3000GH Fuel Storage Cart Non-Leaded (or equivalent) to completely fill fuel tank

Verification of proper fuel **filling must be done with standard commercial fuel station equipment** in order to simulate the customer experience

- Fill vehicle completely with fuel from a commercial fuel filling station pump, taking note of any difficulties with filling (must take a minimum of 8 gallons of fuel)

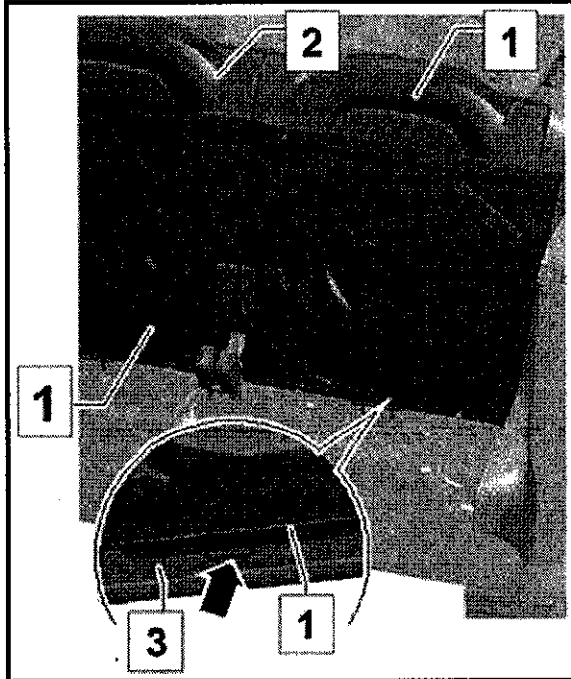


Tip: Fuel tank capacity is 14.5 gallons

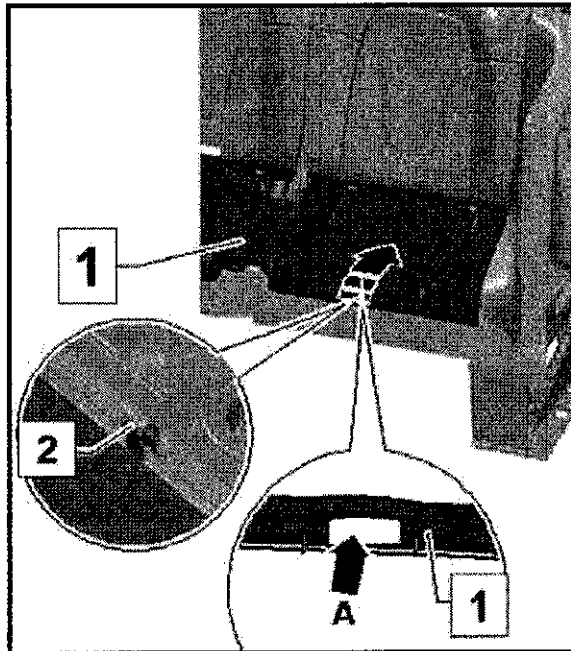
- Inspect fuel pump area for leaks and repair them if necessary
 - If difficulties with filling are present, call Campaign Helpline at 1-800-741-2919
 - If fuel filling test is normal, after returning to the shop and with vehicle at normal operating temperature, run Basic Settings, Test 71 three times. Remove and install fuel cap between each test
 - If test fails, check for EVAP leaks and run tests again
 - If test continues to fail, call Campaign Helpline at 800-741-2919
 - If test is successful, continue with work procedure

Section P – Reassemble Interior

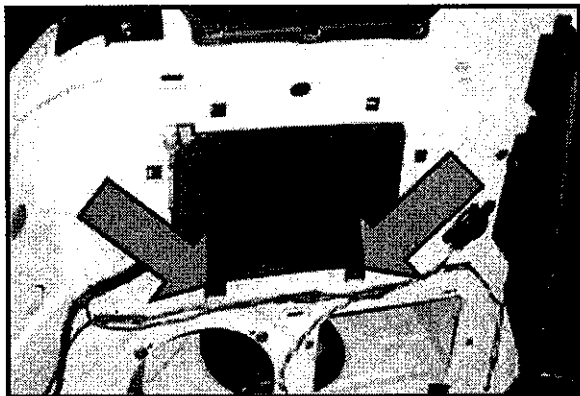
A3 & TT Coupe Models:



- Reinstall rear seat bench into vehicle
- ⇐ Make sure the retaining eyes -arrow- on bench seat -1- clamp the backrest frame connecting tube correctly

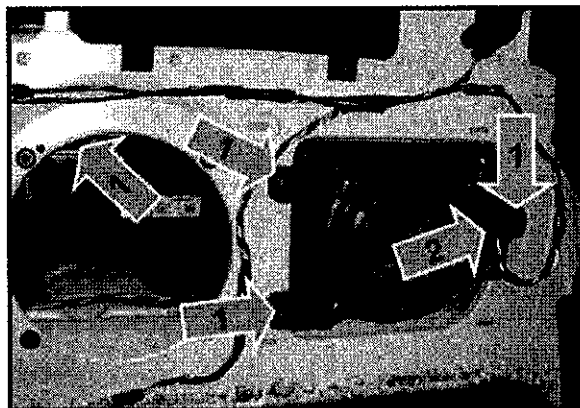


- ⇐ Make sure the bench seat -1- is engaged correctly with the omega clips -2- (quantity 2)
- Move front seats back to their original position then, go to **Section Q**

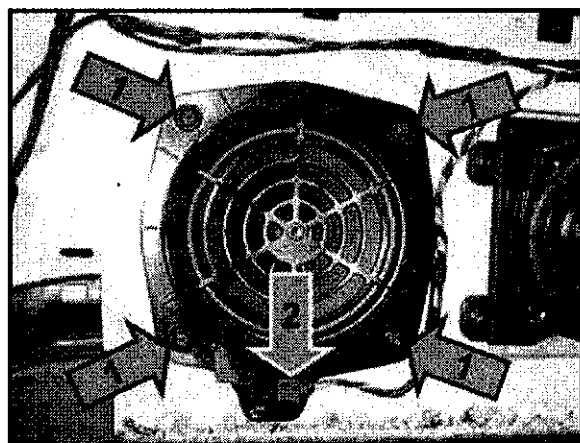


TT Roadster models:

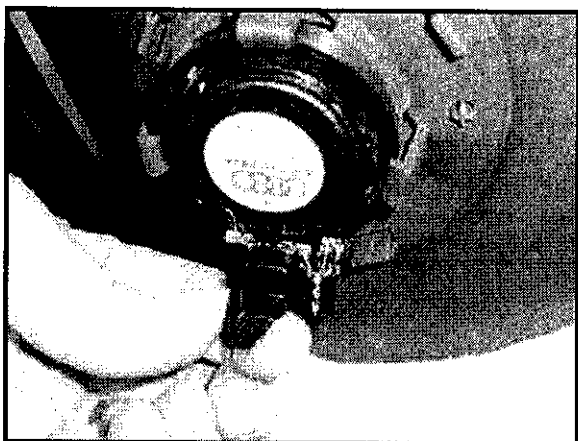
- ⇐ Reinstall storage compartment trim piece and tighten two screws -arrows-



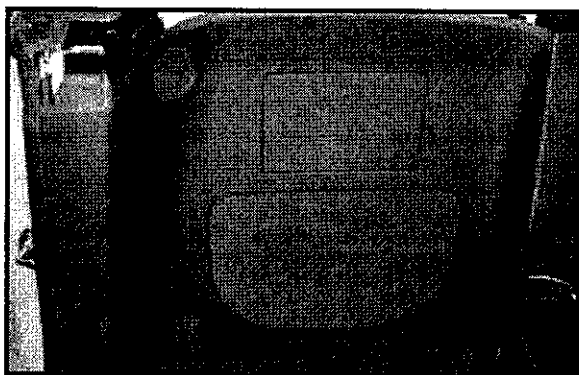
- ⇐ Reinstall sound box and tighten four screws -arrows 1- and reconnect electrical connector -arrow 2-



- ⇐ Reinstall speaker and tighten four screws -arrows 1- and reconnect electrical connector -arrow 2-



- On large trim piece, reconnect electrical connector for small speaker

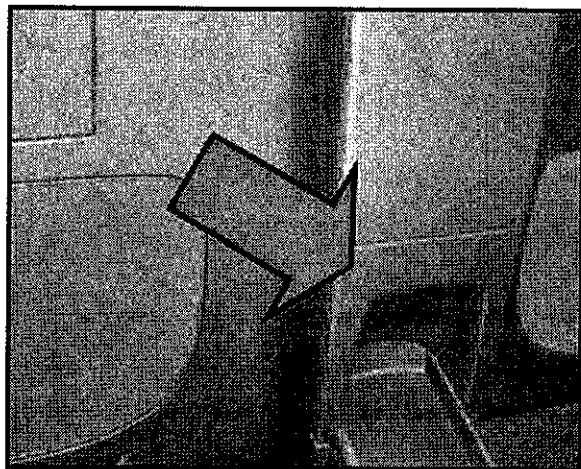


Tip: If trim clamps remain in body mounting points, remove these and insert them in trim

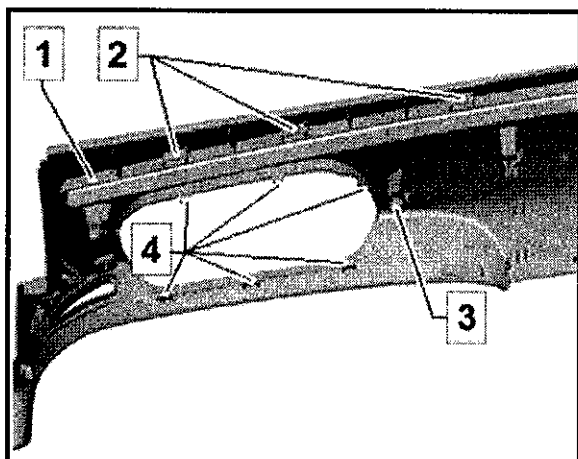


Tip: Check trim clamps for damage or deformation, replace them if necessary

- Realign large trim piece and clip properly into place and stretch door seal lip over rear bulkhead side trim



⇐ Reinstall small trim piece -arrow- as shown

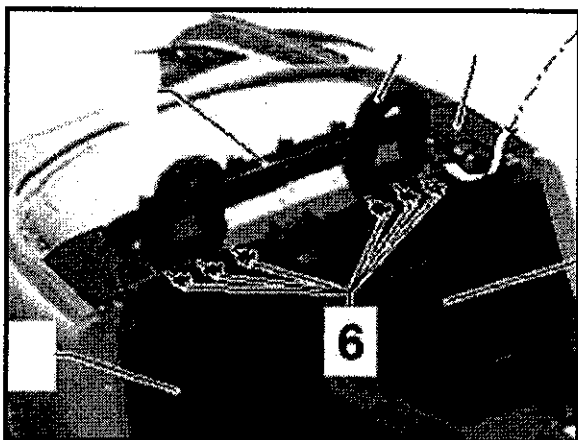


- Disconnect seat belt anchors and insert seat belts into rear bulkhead cover

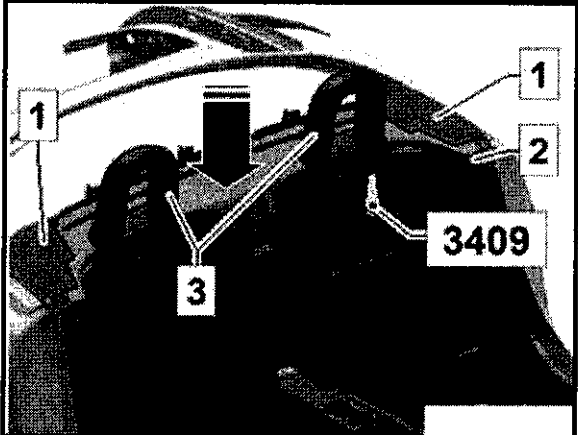


Tip: Check trim clamps for damage or deformation, replace them if necessary

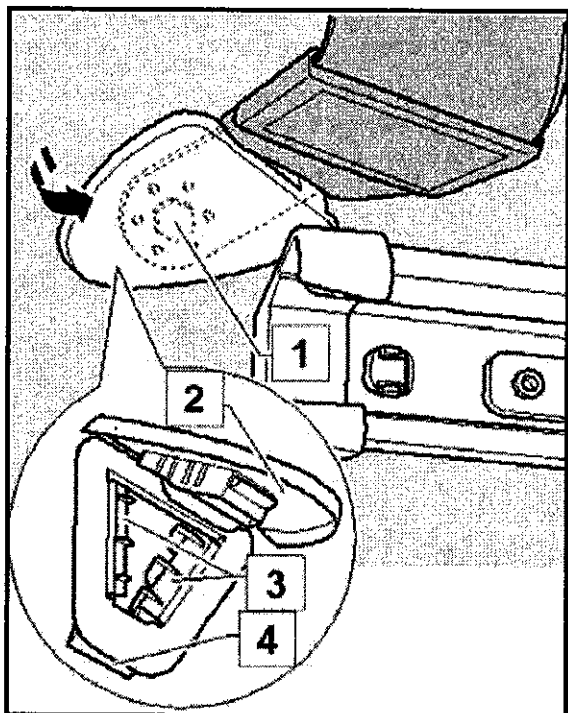
- Ensure that clamps -2- and -3- are properly secured into rear bulkhead cover -1-
- Tabs -4- must engage in rollover protection trim recesses



- Ensure that six clamps -6- are seated into rollover protection trim before installing rear bulkhead cover



⇐ Reinstall rear bulkhead cover -2-



- Reinstall driver's and passenger's seats belts onto outer floor assembly mounting point
- ⇐ Install bolt -1- and torque to 55 Nm
- ⇐ Slide tab -4- under floor covering
- ⇐ Press tabs -3- under floor covering by closing cover -2-
- Move seats back to their original position



Note: Inform customer that additional remote control key(s) may need to be adapted to work properly

- Destroy and properly dispose of removed parts in accordance with local, state and federal/provincial environmental regulations

ALL WORK IS COMPLETE