

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 contact Warranty



Audi

Safety Recall

Code: 20Q8

Subject: 2011 – 2012 model year Audi R8 Spyder
Fuel Supply Line

August 2011

To ensure that all Audi R8 services and repairs are performed properly, recall 20Q8 repair work must be performed at an authorized Audi dealer with the designation Audi R8 Certified Point or Audi R8 Service Point (in the United States), or the designation Audi R8 Dealer (in Canada).

Problem Description

Due to production tolerances, it is possible that the fuel supply line may contact and rub against the heat shield in the engine compartment. In rare cases, this could lead to a small fuel leak. Leaking fuel, in the presence of an ignition source, could lead to a vehicle fire. Audi has not identified any reports or allegations of fires resulting from this condition.

Corrective Action

Dealers will inspect the affected fuel line for damage and replace it if necessary. Dealers will also inspect and, as needed, adjust the position of the fuel line and heat shield in order to ensure correct clearance between the two.

VIN Ranges & Production Dates

NOTE:

- *ElsaWeb is the only valid campaign inquiry/verification source. Check ElsaWeb on the day the campaign work will be performed to verify vehicle eligibility for the repair in order to receive claim payment consideration. Campaign status must show "open".*
- *If this repair appears to have already been performed on the vehicle but the code still shows open in ElsaWeb, contact Warranty before proceeding further. Another dealer may have recently performed this repair but not yet entered a claim for it in the system.*
- *ElsaWeb may also show additional open action(s); if so, inform your customer - this work can be done while the vehicle is in for this campaign.*
- *Contact Warranty if you have any questions.*

U.S.A.

2011-2012 R8 Spyder

WUA__FG_BN000134 – WUA__FG_CN000333

Production date: May 18, 2010 – June 22, 2011

CANADA

2011-2012 R8 Spyder

WUA__FG_BN000154 – WUA__FG_CN000282

Production date: June 10, 2010 – June 14, 2011

NOTE: *The VIN range is a general range of vehicles that may be included in the Campaign. Not every vehicle within the VIN range may be included since it may depend on the production date, transmission or engine build date. Always verify ElsaWeb for campaign eligibility on a vehicle.*

Allocation List of Affected Inventory Vehicles

The affected inventory vehicles will be identified on a dealer's AIM report with the campaign code **20Q8**. All dealers are asked to check their AIM report to see if they have any in-stock vehicles affected by this recall and associated mandatory stop-sale. Only dealers with affected vehicles will find cars tagged with the **20Q8** on their AIM report.

Parts Information and Allocation

Currently, a very limited supply of repair parts is available so there is no parts allocation at this time. Once a sufficient supply is available, a parts allocation will take place. If a replacement fuel line is needed, contact the technical helpline and open an ATA ticket.

Owner Notification Mailing

On or about August 22, 2011, Audi plans to notify all known owners of affected vehicles by first class mail.

Mandatory Stop-Sale

There is a mandatory stop-sale order on inventory vehicles affected by this recall.

- If you have an affected vehicle, ***DO NOT*** sell, lease, or dealer trade it. If you are using an affected vehicle as a demo, discontinue doing so immediately.
- Please keep any affected vehicle in a secure area where it cannot be made available for sale, lease or trade.

Important Reminder on Vehicles Affected by Safety and Compliance Recalls

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 and Canadian Motor Vehicle Standard or that contains a defect relating to motor vehicle safety.

Claim Entry Procedure

Immediately upon completion of the repair work, enter the Applicable Criteria ID and Repair Operation from the following chart. **The Applicable Criteria ID is shown in ElsaWeb.** 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

Check ElsaWeb to determine whether the "20Q8" campaign is open.

Service No.: 20Q8

Damage Code: 0099

Parts Manufacturer

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

Sold vehicle = 7 10

Unsold vehicle = 7 90

Accounting Instructions

Criteria I.D. 42 (4.2L)

Modify heat shield, inspect fuel line, no further work required

Repair operation: 2038 01 99 60 T.U.

OR

Modify heat shield, inspect and adjust fuel line

Repair operation: 2038 55 99 75 T.U.

OR

Modify heat shield, inspect and replace fuel line

Repair operation: 2038 56 99 120 T.U.

<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
1 (if needed)	427 201 215 D	Fuel Supply Line (4.2L)

There is NO reimbursement for Vehicle Wash or Loaner

If customer refused repairs

Fax the Repair Order to the warranty team at (248) 754-6533 (U.S) and (905) 428-4811 (CAN). Provide the VIN, applicable Service Number, Customer information, Dealer number and date.

Saga Claim Entry Procedure

Check ElsaWeb to determine whether the "20Q8" campaign is open.

Service No.: 20Q8

Damage Code: 0099

Parts Manufacturer

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

Sold vehicle = 7 10

Unsold vehicle = 7 90

Accounting Instructions

Criteria I.D. 52 (5.2L)

Modify heat shield, inspect fuel line, no further work required

Repair operation: 2038 01 99 60 T.U.

OR

Modify heat shield, inspect and adjust fuel line

Repair operation: 2038 55 99 75 T.U.

OR

Modify heat shield, inspect and replace fuel line

Repair operation: 2038 56 99 120 T.U.

<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
1 (if needed)	427 201 215 E	Fuel Supply Line (5.2L)

There is NO reimbursement for Vehicle Wash or Loaner

If customer refused repairs

Fax the Repair Order to the warranty team at (248) 754-6533 (U.S) and (905) 428-4811 (CAN). Provide the VIN, applicable Service Number, Customer information, Dealer number and date.

If there are questions regarding the work procedure:

- U.S. dealers, contact Warranty
- Canadian dealers, open an ATA ticket using concern group Compliance/Recall Assistance



Note: This campaign is to be performed at an authorized Audi dealer with the designation Audi R8 Certified Point or Audi R8 Service Point (in the United States), or the designation Audi R8 Dealer (in Canada) by Audi R8 Certified technicians ONLY!

Parts if necessary:

<u>Quantity</u>	<u>Part Number</u>	<u>Part Description</u>
1 (if needed)	427 201 215 D	Fuel Supply Line (4.2L)
1 (if needed)	427 201 215 E	Fuel Supply Line (5.2L)

Required Tools:

Tools:



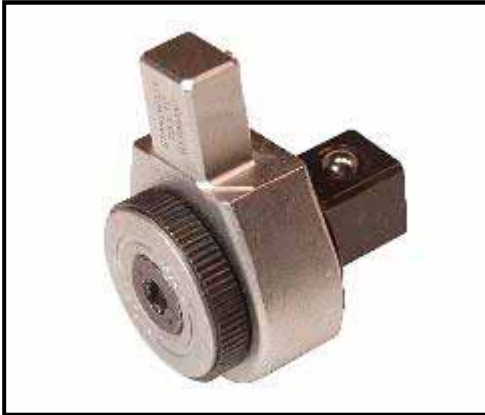
- VAG 1783 – Torque Wrench
2-10Nm (or equivalent)



- VAG 1331 – Torque Wrench
5-50Nm (or equivalent)



- VAG 1331/6 - Tool Insert, AF 17 (or equivalent)



- VAG 1331/1 – Ratchet, reversible (or equivalent)

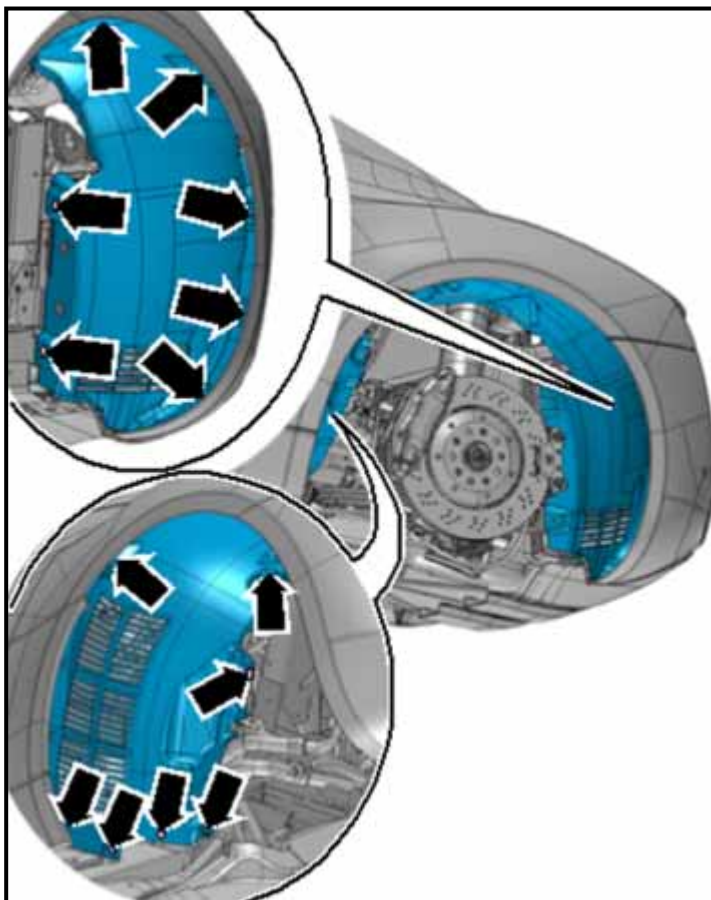


- VAG 1331/10 – Flared ring spanner tool insert, AF 17 (or equivalent)



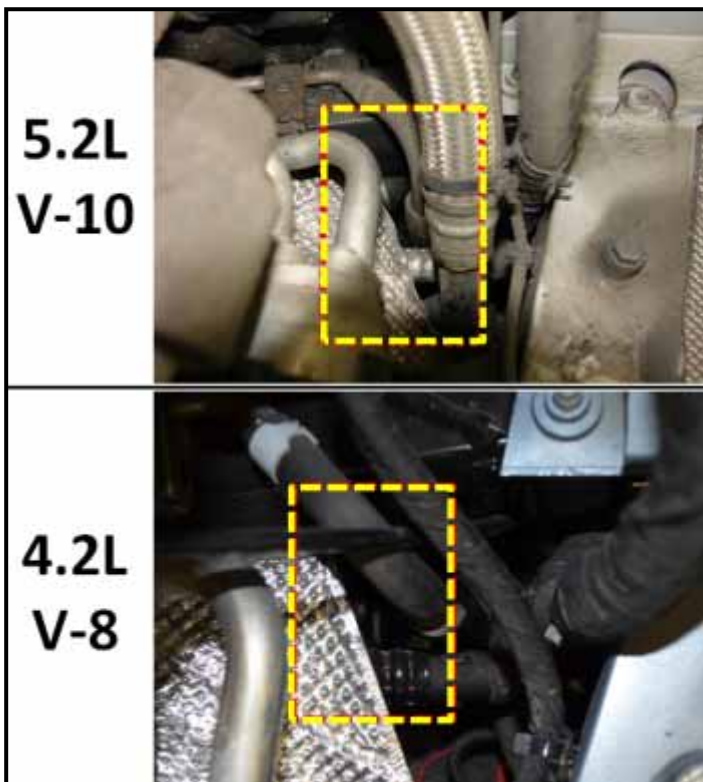
- VAG 1332 – Torque Wrench 40-200Nm (or equivalent)

Work Procedure:



Section A – Modify Heat Shield and Inspect Fuel Line

- Raise vehicle on hoist
 - Obtain wheel bolt key from front storage compartment and remove left rear wheel
- ⇐ Remove screws <arrows> for wheel housing liner and remove liner from vehicle.



⇐ Identify area for visual inspection <rectangle>

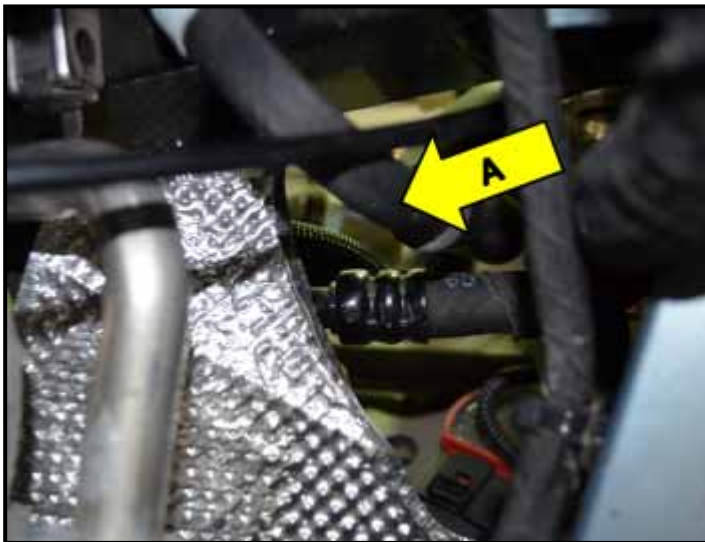
The information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Audi dealer. ©2011 Audi of America LLC and Audi Canada. All Rights Reserved.



i Tip: Use gloves to avoid sharp edges of heat shield

⇐ Using your hands, carefully roll the heat shield back approximately 120° as shown <arrows> in any areas that may come in contact with the fuel line

! Note: Ensure that no sharp edges are formed along the rolled area of the heat shield



⇐ Inspect the fuel line <arrow A> for damage previously caused by rubbing against heat shield

- If fuel line **does not show any signs of wear of chafing**, continue to **Section B** to inspect fuel line clearance
- If fuel line **does show any signs of wear of chafing**, create an ATA ticket and contact Audi Technical Helpline to receive part. Once part is received, proceed to **Section C** to replace the fuel line

Section B – Check Fuel Line Clearance



⇐ Inspect clearance between fuel line and modified heat shield <arrows>

! Note: Clearance between fuel line and modified heat shield <arrows> should be approximately 20mm at minimum

- If **CLEARANCE IS ADEQUATE**, continue to **Section E**
- If **CLEARANCE IS NOT ADEQUATE**, continue to **Section C**

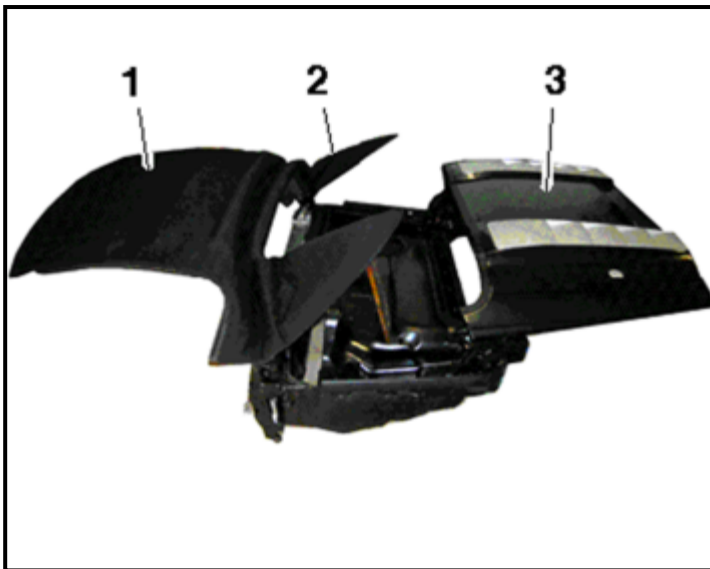
Section C – Placing Convertible Top in Service Position



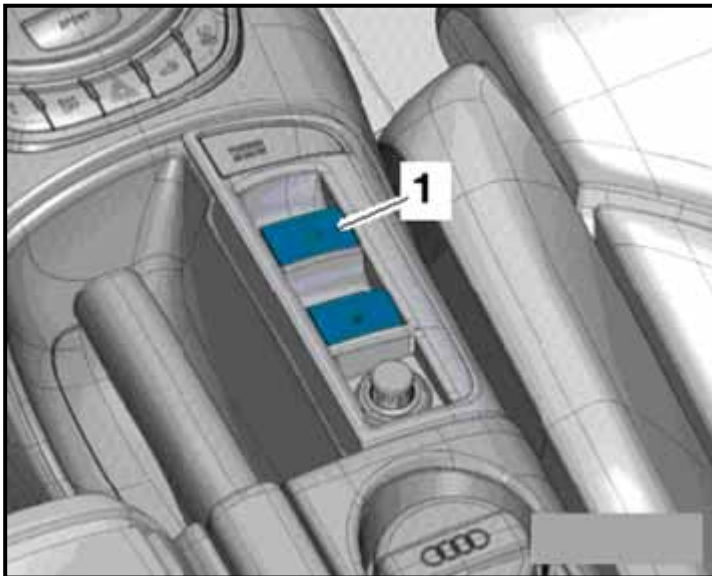
WARNING:

Danger of personal injury if the convertible top compartment cover is not completely open.

- ◆ The convertible top compartment cover must move all the way to the rear into its end position.
- ◆ Bleed the hydraulic pressure completely before starting any work on the convertible top system.
- ◆ Reason: after approximately 6 minutes the convertible top control module will bleed the hydraulic pressure and the convertible top compartment cover could fall down uncontrolled.
- ◆ All work must be performed with the hydraulic pressure bled.



- Lower vehicle on hoist without allowing wheels to touch the ground
- ⇐ Turn on the ignition and open the convertible top <1> until the displayed position of the convertible top, convertible top fins <2> and convertible top compartment cover <3> is reached
- ⇐ Secure the convertible top compartment cover <3> in the “open” position to prevent unintentional closing



⇐ Turn off the ignition and press the convertible top operation switch <1> for approximately 5 seconds to bleed the hydraulic system pressure

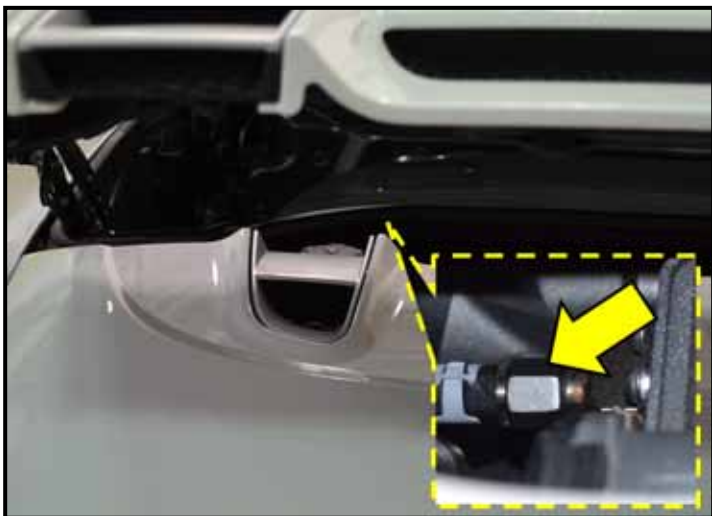
- If fuel line CLEARANCE ADJUSTMENT ONLY is necessary, **Continue to Section D1**
- If fuel line REPLACEMENT is necessary, **Continue to Section D2**

Section D1 – Adjust Fuel Line Clearance

Perform **ONLY** if fuel line **ADJUSTMENT** is necessary:



Tip: Use a shop towel to catch residual fuel as fitting is loosened



⇐ Loosen fuel line fitting <arrow> and adjust clearance of fuel line to heat shield until adequate clearance is met (See Section B)



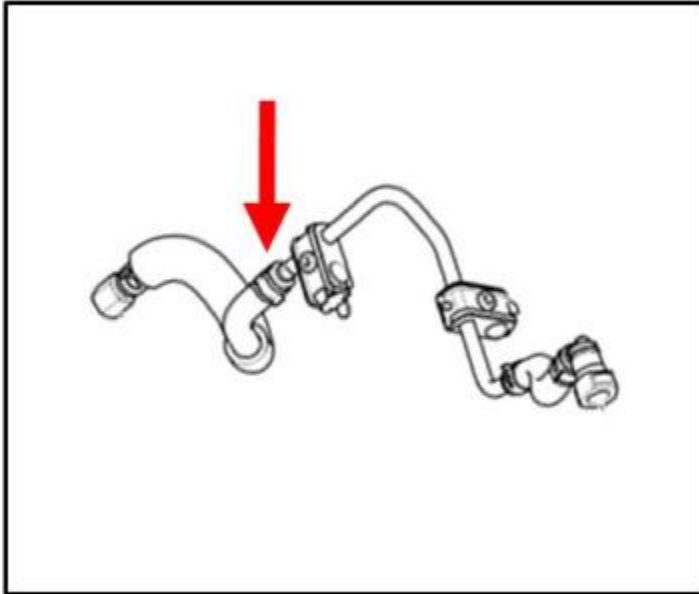
Note: As fuel line is tightened, clearance is affected. Adjustment may take several attempts



Tip: May require the aid of a second technician to hold fuel line in place while torque is applied to fitting

⇐ Torque fuel line fitting <arrow> to 28Nm using VAG 1331 torque wrench (or equivalent) and VAG 1331/6 tool insert (or equivalent), VAG 1331/1 reversible ratchet (or equivalent), VAG 1331/10 Flared ring spanner tool insert (or equivalent)


- Start vehicle and allow to idle for a few minutes and check fuel line connection for leaks
- **Continue to Section E**

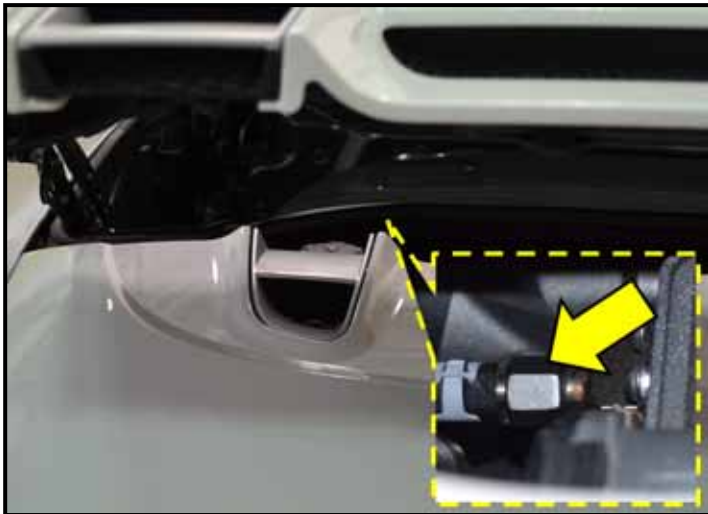



Section D2 – Replace Fuel Line

Perform when fuel line REPLACEMENT is necessary:

- Obtain new fuel line part number as follows:
 - 4.2L = 427 201 215 D
 - 5.2L = 427 201 215 E
- ⇐ Carefully remove the spring clip <arrow> on the new fuel line and separate the rubber line from the steel line

 Tip: Only the rubber portion of the fuel line will be replaced under this action.



 Tip: Use a shop towel to catch residual fuel as fitting is loosened

- ⇐ Remove fuel line fitting <arrow>
- ⇐ Install new fuel line (rubber portion only) loosely onto fitting (do not torque at this time)
- Raise vehicle on hoist



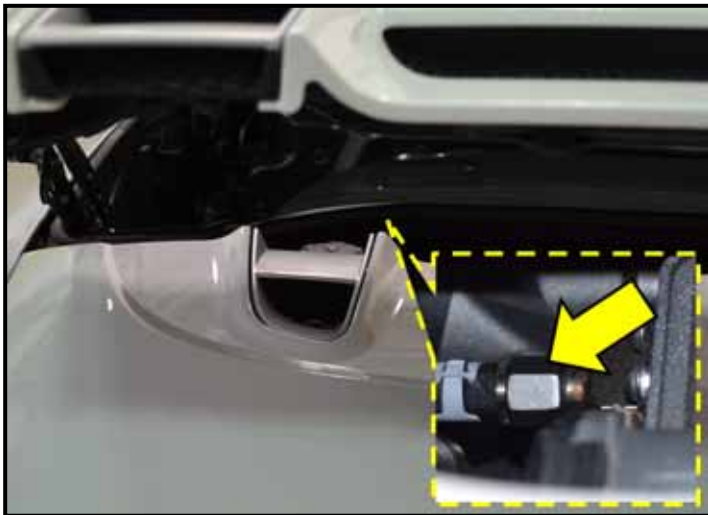
i Tip: Use a shop towel to catch residual fuel

⇐ Remove spring clip <arrow> and remove rubber portion of damaged fuel line from vehicle

⇐ Install new rubber fuel line onto existing steel fuel line and secure spring clip <arrow> properly into position

! Note: DO NOT use any lubricant to install rubber line

- Lower vehicle on hoist
- Adjust clearance of new fuel line to heat shield until adequate clearance is met (see Section B)



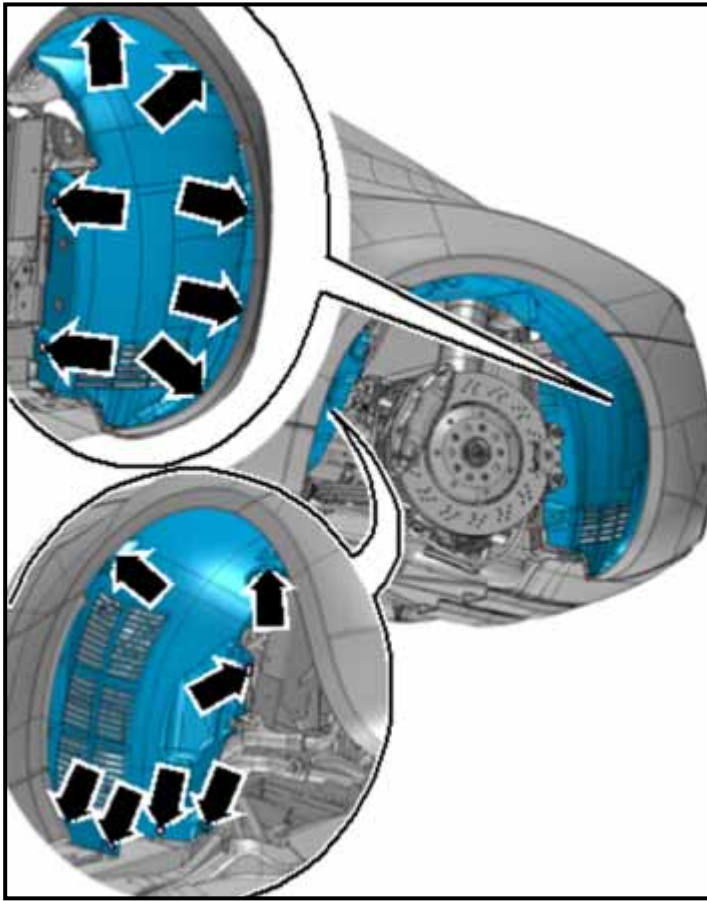
! Note: As fuel line is tightened, clearance is affected. Adjustment may take several attempts

i Tip: May require the aid of a second technician to hold fuel line in place while torque is applied to fitting

⇐ Torque fuel line fitting <arrow> to 28Nm using VAG 1331 torque wrench (or equivalent) and VAG 1331/6 tool insert (or equivalent), VAG 1331/1 reversible ratchet (or equivalent), VAG 1331/10 Flared ring spanner tool insert (or equivalent)

- Start vehicle and allow to idle for a few minutes and check fuel line connections for leaks

• **Continue to Section E**



Section E – Reinstalling Wheel Housing Liner and Wheel

- If necessary raise vehicle on hoist
- ⇐ Reinstall wheel housing liner and torque screws <arrows> to 4Nm
- ⇐ Reinstall left rear wheel properly and torque wheel nuts diagonally to 120Nm
- Replace wheel nut key back into front vehicle storage compartment if previously removed
- Restore convertible top to its proper position if applicable
- **Continue to Section F**

Section F – Parts Disposal

Parts Return/Disposal

Consistent with Warranty Policies and Procedures guidelines, properly destroy and dispose of removed parts, unless otherwise indicated and/or requested through SAGA

WORK COMPLETE