

# Safety Recall Code: 34J1

Subject	Gearbox Ventilation Hose				
Release Date	October 03, 2018				
Affected Vehicles	U.S.A. & CANADA: Certain 2017-2018 Model Year Audi R8 Spyder & R8 Coupe				
	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.				
	<ul> <li>✓ Campaign status must show "open."</li> <li>✓ 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.</li> </ul>				
Problem Description	Transmission fluid may leak from the gearbox ventilation hose during extreme racetrack driving/maneuvering situations. Leaking transmission fluid can contact hot engine parts, causing smoke and possibly a fire.				
Corrective Action	Replace the single gearbox ventilation hose with a double ventilation hose that has a higher oil expansion volume.				
Precautions	A hot oil odor and/or smoke may be noticeable if this issue is occurring. If this happens, customers are advised to stop driving immediately and contact an authorized Audi dealer without delay and make arrangements to have the vehicle inspected.				
Parts Information	Parts will be allocated prior to owner notification. If Allocated parts have been used, please contact the Parts Specialists via phone (800-767-6552), email ( <u>VWoAPartsSpecialists@vw.com</u> ) or chat/text with the VIN to order.				
Code Visibility	On or about October 03, 2018, affected vehicles will be listed on the Inventory Vehicle Open Campaign Action report under My Dealership Reports (found on <u>www.accessaudi.com</u> & OMD Web). A list will not be posted for dealers who do not have any affected vehicles.				
	On or about October 03, 2018, this campaign code will show open on affected vehicles in Elsa.				
	On or about October 03, 2018, affected vehicles will be identified with this campaign code in the VIN Lookup tool at <u>www.audiusa.com</u> and on the NHTSA VIN lookup tool at <u>www.safercar.gov</u> .				
Owner Notification	Owner notification will take place in October 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				
	<u>New Vehicles in Dealer Inventory:</u> 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.				
	<u>Pre-Owned Vehicles in Dealer Inventory:</u> Dealers should not deliver any pre-owned vehicles in their inventory which are involved in a safety or compliance recall until the defect has been remedied.				
	Dealers must ensure that every affected inventory vehicle has this campaign completed before delivery to consumers.				

#### **Claim Entry Instructions**

After campaign has been completed, enter claim as soon as possible to help prevent work from being duplicated elsewhere. Attach the Elsa screen print showing action <u>open on the day of repair</u> to the repair order.

If customer refused campaign work:

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

Service Number	34J1		
Damage Code	0099		
Parts Vendor Code	002		
Claim Type	Sold vehicle: 7	10	
	Unsold vehicle	: 7 90	
Causal Indicator	Mark gearbox	ventilation hose as cau	sal part*
Vehicle Wash/Loaner	Do not claim w	ash/loaner under this a	ction
Criteria I.D.	01 (R8 Coupe)		
	Check/Update	d part(s) present, no fu	rther work required
	Labor operatio	n: 0183 00 99	10 T.U.
	-OR-		
	Check/Update	d part(s) NOT present,	Install Gearbox Ventilation Hose
	Labor operatio	n: 3401 55 99	110 T.U.
	Quantity	Part Number	Description
	1.00	0BZ301469A	Ventilation Hose*
	2.00	N 10315002	Hose Holder
	2.00	N 10662201	Tie Wrap
	1.00	N 91123701	Clamp
	1.00	N 91069601	Bolt
	1.00	WHT001999	Tie Wrap with Clip
Criteria I.D.	02 (R8 Spyder	)	
		/ d part(s) present, no fui	ther work required
	Labor operatio	n: 0183 00 99	10 T.U.
	Check/Updated part(s) NOT present, Install Gearbox Ventilation Hose		
	Labor operatio	n: 3401 56 99	120 T.U.
	Quantity	Part Number	Description
	1.00	0BZ301469A	Ventilation Hose*
	2.00	N 10315002	Hose Holder
	2.00	N 10662201	Tie Wrap
	1.00	N 91123701	Clamp
	1.00	N 91069601	Bolt
	1.00	WHT001999	Tie Wrap with Clip
	1.00		

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.

#### **Customer Letter Example (USA)**

<MONTH YEAR>

<CUSTOMER NAME> <CUSTOMER ADDRESS> <CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <VIN>

NHTSA: 18V639

#### Subject: Safety Recall 34J1 – Gearbox Ventilation Hose Certain 2017-2018 Model Year Audi R8 Spyder and R8 Coupe

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 2017-2018 model year Audi R8 Spyder and R8 coupe vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue?	Transmission fluid may leak from the gearbox ventilation hose during extreme racetrack driving/maneuvering situations. Leaking transmission fluid can contact hot engine parts, causing smoke and possibly a fire.
What will we do?	To correct this defect, your authorized Audi dealer will replace the single gearbox ventilation hose with a double ventilation hose that has a higher oil expansion volume. This work will take about two hours to complete and will be performed for you free of charge. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.
What should you do?	Please contact your authorized Audi dealer without delay to schedule this recall repair. For your convenience, you can also visit <u>www.audiusa.com</u> and click on the "Find a Dealer" link to locate a dealer near you and schedule this service.
Precautions you should take	A hot oil odor and/or smoke may be noticeable if this issue is occurring. If this happens, customers are advised to stop driving immediately and contact an authorized Audi dealer without delay and make arrangements to have the vehicle inspected.
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 <u>www.audiusa.com</u> .
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 <i>Recall/Service Campaign Lookup</i> tool at <u>www.audiusa.com</u> 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 <u>http://www.safercar.gov</u>.

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

Sincerely,

Audi Customer Protection

#### **Customer Letter Example (CANADA)**

<MONTH YEAR>

<CUSTOMER NAME> <CUSTOMER ADDRESS> <CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <VIN>

#### Subject: Safety Recall 34J1 – Gearbox Ventilation Hose Certain 2017-2018 Model Year Audi R8 Spyder and R8 Coupe

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 2017-2018 model year Audi R8 Spyder and R8 coupe vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue?	Transmission fluid may leak from the gearbox ventilation hose during extreme racetrack driving/maneuvering situations. Leaking transmission fluid can contact hot engine parts, causing smoke and possibly a fire.
What will we do?	To correct this defect, your authorized Audi dealer will replace the single gearbox ventilation hose with a double ventilation hose that has a higher oil expansion volume. This work will take about two hours to complete and will be performed for you free of charge. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.
What should you do?	Please contact your authorized Audi dealer without delay to schedule this recall repair.
Precautions you should take	A hot oil odor and/or smoke may be noticeable if this issue is occurring. If this happens, customers are advised to stop driving immediately and contact an authorized Audi dealer without delay and make arrangements to have the vehicle inspected.
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

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- Damages resulting from improper repair or failure to follow these work instructions are the dealer's responsibility and are not eligible for reimbursement under this action.
- This procedure must be read in its entirety prior to performing the repair.
- Due to variations in vehicle equipment and options, the steps/illustrations in this work procedure may not identically match all affected vehicles.
- Diagnosis and repair of pre-existing conditions in the vehicle are not covered under this action.
- When working during extreme temperatures, it is recommended that the vehicle be allowed to acclimate inside the shop to avoid temperature-related component damage/breakage.

#### **Repair Overview**



Install updated gearbox ventilation hose.

# **Required Parts**

Criteria	Quantity	Part Number	Part Description
	1	0BZ.301.469.A	Ventilation Hose
04.000	1	N 911.237.01	Clamp
	2	N 103.150.02	Hose Holder
01 or 02	1	WHT.001.999	Tie Wrap with Clip
	1	N 910.696.01	Bolt
	2	N 106.622.01	Tie Wrap

# **I**NOTE

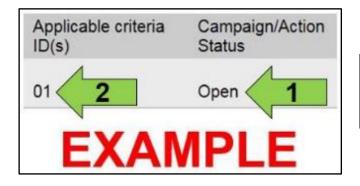
The specified part numbers reflect the status at the start of this recall. Interim updates made in ETKA can cause a listed part number to become unavailable. In this case, the new part number specified in ETKA should be used.

#### **Required Tools**

	T-Handle Hook -3438-	C P	Torque Wrench 5-50Nm -VAG1331- (or equivalent)
	Side Panel Protector - Audi R8 VAS871013 (or equivalent)		Rear End Protector - Audi R8 VAS871011 (or equivalent)
A B B	Double Suction Lifter -VAG1344-		

# **Repair Instruction**

## **Section A - Check for Previous Repair**



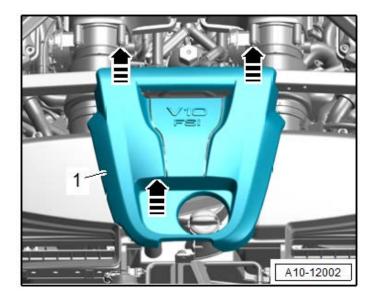
• Enter the VIN in Elsa and proceed to the "Campaign/Action" screen.

#### 

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**



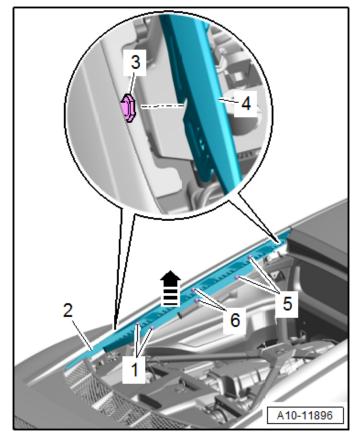


• Carefully remove the oil reservoir cover <1> in direction of <arrows>. Do not jerk or pull it to one side.

- If a dual ventilation hose is present (as shown):
  - $\circ$  No further work is required.
  - o Reinstall oil reservoir cover.
  - Proceed to Section H.
- If a single ventilation hose is present:
  - The ventilation hose requires replacement.
  - R8 Coupe (Criteria 01) Proceed to Section C
  - R8 Spyder (Criteria 02) Proceed to Section D

### Section C – R8 Coupe Air Filter Housing Removal (Criteria 01)





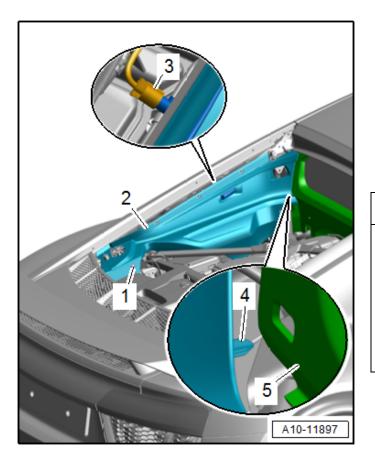
Install the Side and Rear End Protective Covers.

# Remove Left and Right Side Engine Compartment Covers:

# **I**NOTE

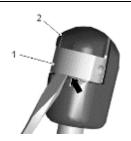
Removal for the left side is illustrated. The procedure for the right side is identical.

- Remove the bolts <1, 5 and 6>.
- Remove the engine compartment cover upper section <2> upward in direction of <arrow>, and the mounts <4> will be pulled out of the guides <3> at the same time.



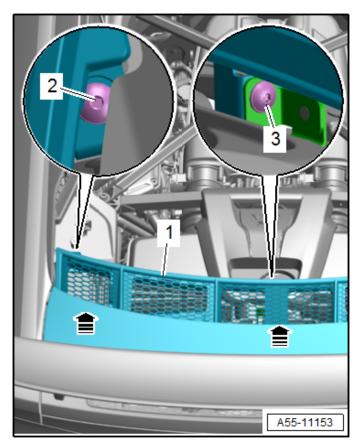
- If equipped: Disconnect the connector <3> for the engine compartment lamp.
- Open the quick release <1>.
- Support the rear lid or secure it from falling.
- Remove the rear lid strut from the body.
- Free up the engine compartment cover <2> and pull toward the rear.
- Reinstall rear lid strut.

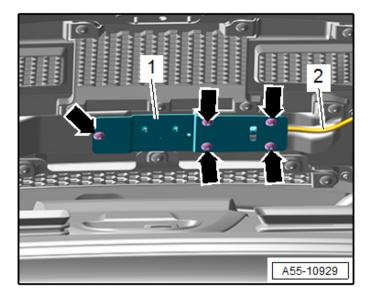
Removing and Installing Rear Lid Strut:



<u>Removing:</u> Using a small screwdriver, lift the locking spring <1> slightly <arrow> and remove the strut <2> from the ball pin.

Installing: Press the strut onto the ball pin until it audibly engages.

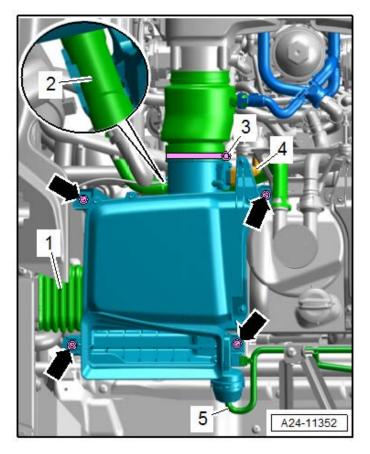




#### Remove the Engine Compartment Trim Panel:

- Remove the bolts <2 and 3>.
- Remove the engine compartment trim panel <1> from the mounts <arrows> using the -VAG1344-.

- Remove the bolts <arrows>.
- Free up the wiring harness <2> and move the mount <1> with the antenna to the side.
- Remove the engine compartment trim panel and lay it on a soft surface.



#### **Remove Left Side Air Filter Housing:**

- Loosen the clamp <3> and remove the air guide hose.
- Disconnect the connector <4> from the Mass Airflow Sensor 2 -G246-.
- Cut the tie wraps and free up the crankcase ventilation hose <2> on the air guide housing.
- Remove boot <1> from air filter housing.
- Remove the air filter housing bolts <arrows>.
- Remove the vacuum hose <5>.

Proceed to Section E and replace ventilation hose.

# Section D – R8 Spyder Air Filter Housing Removal (Criteria 02)



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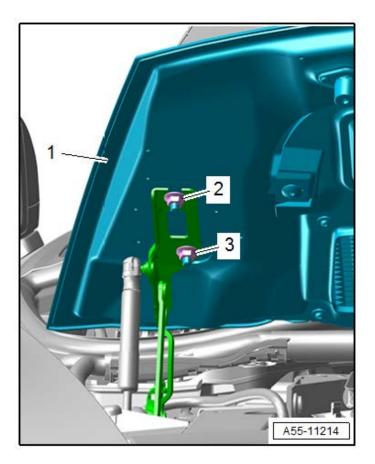
#### Install the Side and Rear End Protective Covers.

#### **Remove Engine Compartment Lid:**

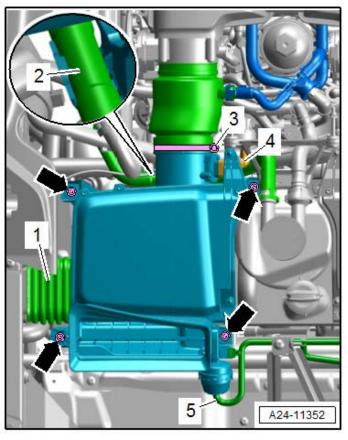
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Removing the engine compartment lid will require a second technician.

- If equipped: Remove the bolts <arrows>.
- Free up the wiring harness <2> and move the mount <1> with the antenna to the side.



- Mark the engine compartment lid installation position for reinstallation.
- Remove the nut <3>.
- Loosen the nut <2> eight turns.
- Remove the engine compartment lid <1> with help from a second technician.



#### **Remove Left Side Air Filter Housing:**

- Loosen the clamp <3> and remove the air guide hose.
- Cut the tie wraps and free up the crankcase ventilation hose <2> on the air guide housing.
- Remove the air filter housing bolts <arrows>.
- Disconnect the connector <4> from the Mass Airflow Sensor 2 -G246-.
- Remove the vacuum hose <5> and boot <1> from the air filter housing.

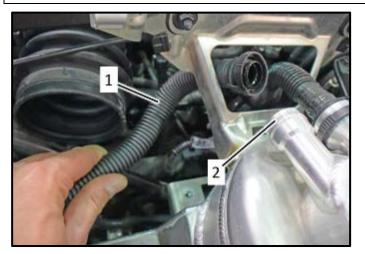
Proceed to Section E and replace ventilation hose.

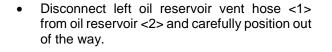
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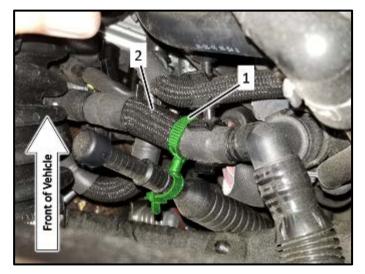
### Section E – Replace Gearbox Ventilation Hose

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Exhaust and engine components can be extremely hot. Use heat resistant safety gloves and sleeves or allow the engine components to cool before working to avoid burn injuries.







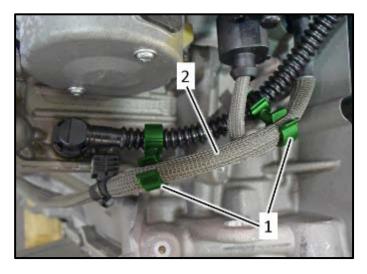


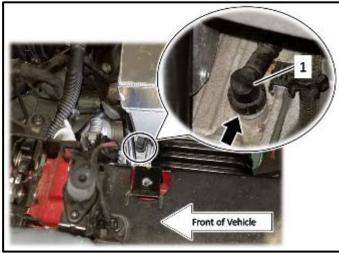
• Cut tie wrap <1> from hose <2>.

- Disconnect starter connector <1>.
- Disconnect parking lock actuator connector <2>.

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- Engine shown removed for clarity.
- Disconnecting the connectors allows for easier removal and installation of the ventilation hose.







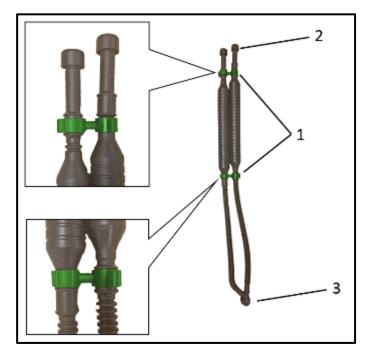
• Remove and discard clips <1> from wiring harness <2>.

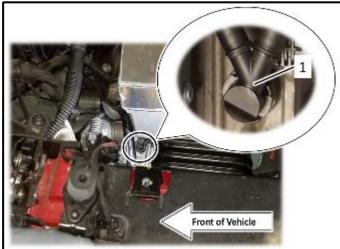
# **I**NOTE

Engine shown removed for clarity.

- Using T-handle Hook -3438- at <arrow>, remove ventilation hose <1> upward off of transmission.
- Remove ventilation hose upward from vehicle.

• Remove bolt <1> from clamp for vacuum pipe, but do not remove clamp.





- Prepare the hose assembly as shown with new hose holders <1>.
- The right side hose <2> must be higher than the left side hose.
- The opening on the connection point <3> is facing away in this illustration.

Part Number	Part Description
0BZ.301.469.A	Ventilation Hose
N 103.150.02	Hose Holder

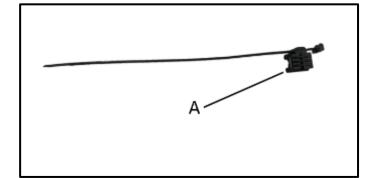
- Feed hose assembly from the top downward.
- Make sure hose is lined up parallel with the vent pipe on the transmission and install hose
   <1> onto transmission until it audibly engages.

# **I** NOTE

The ventilation hose must be routed under the starter and parking lock actuator wiring harnesses.







- Route starter connector wiring around ventilation hoses as shown.
- Connect starter connector <1>.

### **I**NOTE

Engine shown removed for clarity.

• Install tie wrap with clip onto the rib <1> on transmission.

Part Number	Part Description
WHT.001.999	Tie Wrap w/ Clip

- Install tie wrap around hose and wiring harness.
- Tighten the cable just so the hose will not come into contact with the starter <circle>.

# **I**NOTE

Engine shown removed for clarity.

# **i** TIP

- Position the tie wrap clip <A> as shown and feed the tie wrap with clip from the left side under the oil reservoir.
- Once the clip is in place over the rib on the transmission, install clip onto the rib using a long screwdriver.

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October 2018





- Route parking lock actuator connector wiring around ventilation hoses as shown.
- Connect parking lock actuator connector <1>.

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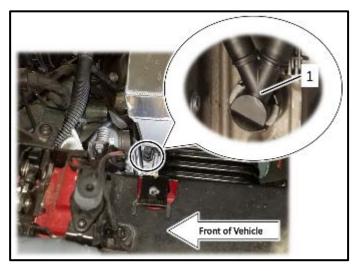
Engine shown removed for clarity.

- Install new clamp <1> over the existing clamp <2>.
- Install new bolt <3> and torque to 8 Nm.

Part Number	Part Description
N 911.237.01	Clamp
N 910.696.01	Bolt

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Engine shown removed for clarity.





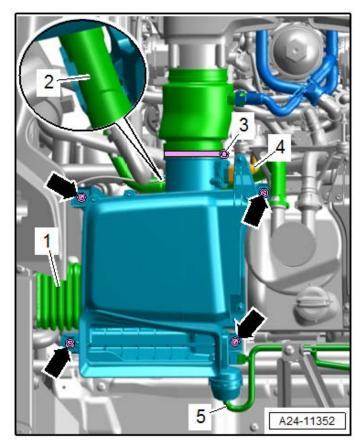
• Make sure the ventilation hose <1> is connected to the transmission.

• Connect left oil reservoir vent hose <1> to oil reservoir <2>.

R8 Coupe (Criteria 01) - Proceed to Section F.

R8 Spyder (Criteria 02) – Proceed to Section G.

### Section F – R8 Coupe Reassembly (Criteria 01)

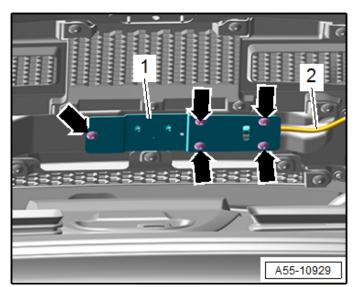


#### Install Left Side Air Filter Housing:

- Install vacuum hose <5> and boot <1> to the air filter housing.
- Connect the connector <4> to the Mass Airflow Sensor 2 -G246-.
- Install the air filter housing bolts <arrows> and torque to 8 Nm.
- Install crankcase ventilation hose <2> on the air guide housing and secure using new tie wraps.

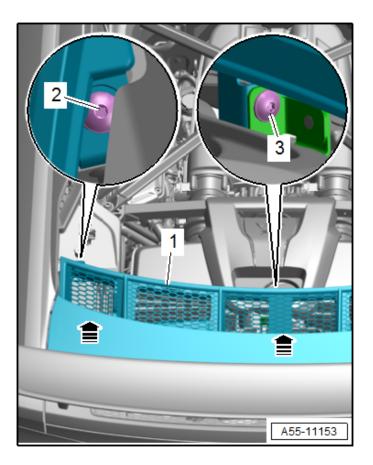
Ра	rt Number	Part Description
Ν	106.622.01	Tie Wrap (Qty. 2)

• Install air guide hose and clamp <3>.



#### Install the Engine Compartment Trim Panel:

- If equipped: Install wiring harness <2> and install mount <1>.
- Install bolts <arrows> and torque to 4 Nm.

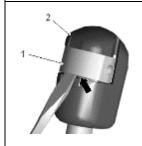


- Install engine compartment trim panel <1> onto the mounts <arrows>.
- Install the bolts <2 and 3> and torque to 9 Nm.

#### Install the Side Engine Compartment Covers:

- Support the rear lid or secure it from falling.
- Remove the rear lid strut from the body.
- Install the engine compartment cover.
- Reinstall the rear lid strut.

Removing and Installing Rear Lid Strut:

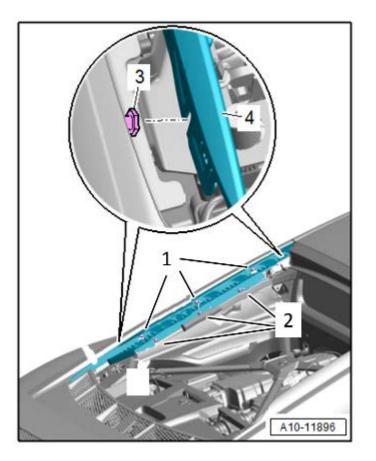


<u>Removing:</u> Using a small screwdriver, lift the locking spring <1> slightly <arrow> and remove the strut <2> from the ball pin.

Installing: Press the strut onto the ball pin until it audibly engages.

- The guide <4> on the engine compartment cover must engage in the mount on the front engine compartment cover <5>.
- If equipped: connect connector <3>.
- Install quick release <1>.

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#### Install the Oil Reservoir Cover:

• Carefully install the oil reservoir cover into the clips.

Install the engine compartment cover <4> onto

Install bolts <1> and torque to 8 Nm

Install bolts <2> and torque to 6 Nm.

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guides <3>.

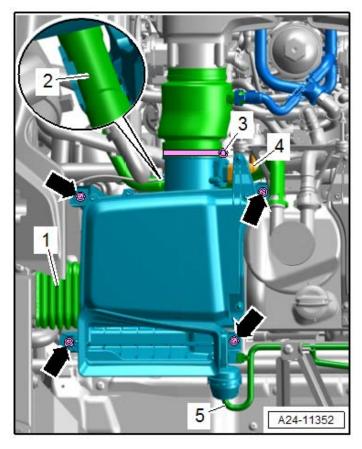
- Trapped engine oil increases the risk of fire.
- The oil reservoir cover must be placed clean on the oil reservoir oil filler tube up to the sealing lip.



Remove the Side and Rear End Protective Covers.

Proceed to Section H.

### Section G – R8 Spyder Reassembly (Criteria 02)

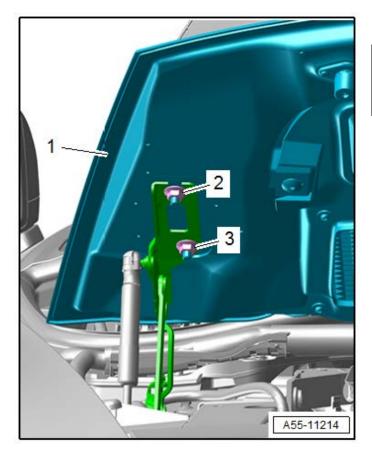


#### Install Left Side Air Filter Housing:

- Install vacuum hose <5> and boot <1> to the air filter housing.
- Connect the connector <4> to the Mass Airflow Sensor 2 -G246-.
- Install the air filter housing bolts <arrows> and torque to 8 Nm.
- Install crankcase ventilation hose <2> on the air guide housing and secure using new tie wraps.

Part Number	Part Description
N 106.622.01	Tie Wrap (Qty. 2)

• Install air guide hose and clamp <3>.



# A55-10929

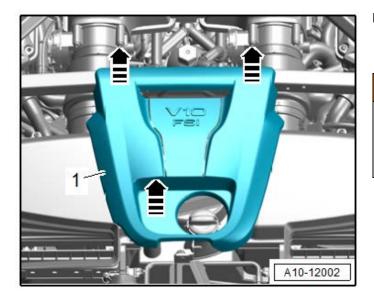
#### Install engine compartment lid:

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Installing the engine compartment lid will require a second technician.

- Install the engine compartment lid according the markings made during removal with help from a second technician.
- Install nut <3> and torque nuts <2 and 3> to 23 Nm.

- If equipped: Install wiring harness <2> and install mount <1>.
- Install bolts <arrows> and torque to 4 Nm.
- Adjust the engine compartment lid according to the repair manual: *Repair Manual > Body Exterior > Engine Compartment Lid > Engine Compartment Lid, Adjusting.*



#### Install the Oil Reservoir Cover:

• Carefully install the oil reservoir cover into the clips.

# 

- Trapped engine oil increases the risk of fire.
- The oil reservoir cover must be placed clean on the oil reservoir oil filler tube up to the sealing lip.

Remove the Side and Rear End Protective Covers.





Proceed to Section H.

I certify that this campaign has been performed in strict accordance with the applicable Audi repair procedure.		
SAGA Code:		
Technician:		
Date:		
em#: 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:	
tem # AUD4927FRE	

### Section I - Parts Return/Disposal

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

Return/Disposal

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