

# Safety Recall

## Code: 47DE



<b>Subject</b>	<b>Brake Pressure Line Connection</b>																													
<b>Document History</b>	<table border="1"> <thead> <tr> <th>Date</th> <th colspan="4">Summary</th> </tr> </thead> <tbody> <tr> <td>07/02/2024</td> <td colspan="4">Original publication</td> </tr> </tbody> </table>					Date	Summary				07/02/2024	Original publication																		
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07/02/2024	Original publication																													
<b>Affected Vehicles</b>	<table border="1"> <thead> <tr> <th>Country</th> <th>Beginning Model Year</th> <th>Ending Model Year</th> <th>Vehicle</th> <th>Vehicle Count</th> </tr> </thead> <tbody> <tr> <td>USA</td> <td>2024</td> <td>2024</td> <td>Q8 E-TRON QUATTRO</td> <td>48</td> </tr> <tr> <td>USA</td> <td>2024</td> <td>2024</td> <td>Q8 SPORTBACK E-TRON QUATTRO</td> <td>17</td> </tr> <tr> <td>CAN</td> <td>2024</td> <td>2024</td> <td>Q8 E-TRON QUATTRO</td> <td>4</td> </tr> <tr> <td>CAN</td> <td>2024</td> <td>2024</td> <td>Q8 SPORTBACK E-TRON QUATTRO</td> <td>5</td> </tr> </tbody> </table> <p><i>Check Campaigns/Actions screen in Elsa on the day of repair to verify that a VIN qualifies for repair under this action. Elsa is the <u>only</u> valid campaign inquiry &amp; verification source.</i></p> <ul style="list-style-type: none"> <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>					Country	Beginning Model Year	Ending Model Year	Vehicle	Vehicle Count	USA	2024	2024	Q8 E-TRON QUATTRO	48	USA	2024	2024	Q8 SPORTBACK E-TRON QUATTRO	17	CAN	2024	2024	Q8 E-TRON QUATTRO	4	CAN	2024	2024	Q8 SPORTBACK E-TRON QUATTRO	5
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<b>Problem Description</b>	A potentially overtightened brake line connection can result in a brake fluid leak and cause the affected brake circuit to fail. If this happens, vehicle braking performance will be decreased, increasing the risk of a crash.																													
<b>Corrective Action</b>	Inspect brake pressure line coupling points and, if necessary, replace the affected brake pressure lines.																													
<b>Precautions</b>	<p>If the recall condition is present in the vehicle, brake pedal travel may be extended and the "Brake fluid level low" warning message will appear in the vehicle display due to the reduced quantity of braking fluid. Due to the diagonal distribution of the two brake circuits, the vehicle can still be slowed with reduced braking power using a front wheel brake and a rear wheel brake.</p> <p>Customers experiencing this situation are advised to contact their authorized Audi dealer without delay for an appointment to have the vehicle diagnosed.</p> <p>As a reminder, the vehicle owner's manual contains important information regarding vehicle warning lights and messages. We encourage owners and anyone who drives your vehicle to review the owner's manual to become familiar with the types of vehicle indicators, warnings and messaging they may see.</p>																													
<b>Code Visibility</b>	On June 12, 2024, the campaign code was applied to affected vehicles.																													
<b>Owner Notification</b>	Owner notification will take place in July 2024. Owner letter examples are included in this bulletin for your reference.																													
<b>Additional Information</b>	<p><b>Please alert everyone in your dealership about this action, including Sales, Service, Parts and Accounting personnel. Contact Warranty if you have any questions.</b></p> <p><b>IMPORTANT REMINDER ON VEHICLES AFFECTED BY SAFETY &amp; COMPLIANCE RECALLS</b></p> <p><b><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</b></p>																													

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. ©2024 Audi of America, Inc. and Audi Canada. All Rights Reserved.

by this notification under a sale or lease until the defect or noncompliance is remedied. By law, dealers must correct, prior to delivery for sale or lease, any vehicle that fails to comply with an applicable Federal Motor Vehicle Safety Standard or that contains a defect relating to motor vehicle safety.

**Pre-Owned Vehicles in Dealer Inventory:** Dealers should not deliver any pre-owned vehicles in their inventory which are involved in a safety or compliance recall until the defect has been remedied.

Dealers must ensure that every affected inventory vehicle has this campaign completed before delivery to consumers.

## Parts Information (inspection)

Criteria	Quantity	Part Number	P.O.C. Part Description	Ordering Method (see description below)
02	2	N -911-900-02	BOLT	Free Order
	1	N -105-184-05	SCREW (if necessary)	

## Parts Information (brake line replacement, if necessary)

### CRITICAL PARTS INFORMATION



**STOP!**

Do not order the following parts unless they are absolutely needed! The expected need for the following parts is less than 5%. Ordering parts unnecessarily will cause delays.

### NOTE

If a brake line connection fails the inspection, the two brake lines for that circuit will require replacement. Only order the parts needed based on the inspection results.

Criteria	Quantity	Part Number	P.O.C. Part Description	Ordering Method (see description below)
01	1 (if necessary)	4KL-614-724-C	BRAKELINE (RF - ABS unit to union)	Free Order
		4KE-614-746-B	BRAKELINE (RF - union to RF brake hose)	
02	1 (if necessary)	4KL-614-723-C	BRAKELINE (LF - ABS unit to union)	
		4KE-614-745-A	BRAKELINE (LF - union to LF brake hose)	
		4G0-611-853	SPACER (if necessary and only if 4KE-614-745-A is needed)	
02	1 (if necessary)	4KL-614-725-C	BRAKELINE (LR - ABS unit to union)	
		4KE-614-741-D	BRAKELINE (LR - union to LR brake hose)	
02	1 (if necessary)	4KL-614-726-C	BRAKELINE (RR - ABS unit to union)	
		4KE-614-742-D	BRAKELINE (RR - union to RR brake hose)	
ALL	1L	SEE ETKA/P.O.C.	Brake Fluid	

<b>Parts Control Type:</b> <b>Free Order</b>	Parts will be managed by Free Order
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<b>Initial Allocation:</b> <b>NO</b>	There will be no parts allocation.
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<b>NOTE</b>	
Your dealer's Estimated Remaining Repairs by campaign can be found in Parts on Command. Click on "View Campaign List" and review the Estimated Remaining Repairs column.	

<b>NOTE</b>	
Campaign parts should always be ordered as per the parts information in this circular. The ordering system will supersede the part, if applicable.	

## Claim Entry Instructions

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

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

If customer refused campaign work:

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

<b>Service Number</b>	47DE
<b>Damage Code</b>	0099
<b>Parts Vendor Code</b>	002
<b>Claim Type</b>	Sold vehicle: 7 10 Unsold vehicle: 7 90
<b>Causal Indicator</b>	Mark labor as causal if all brake lines are OK Mark any BRAKELINE* as causal if a brake line requires replacement
<b>Vehicle Wash/Loaner</b>	Do not claim wash/loaner under this action

**All claims with brake line replacement will stop for review to validate the parts and labor claimed**

LABOR			
Criteria	Labor Op	Time Units	Description
01	4719 01 99	20	Inspect brake line connection (from top)
02	4719 01 99	10	Inspect brake line connections (from bottom)
	5192 19 00	SEE ELSA	Front cover plate remove+reinstall
ALL (add only if brake lines require replacement)	4719 56 99	Bill according to time required (A-time)	Replace brake lines
	<b>NOTE: Punch times for brake line replacement must be documented and available for review if requested</b>		
	4701 07 60	SEE ELSA	Brake system bleed
	2706 89 50	SEE ELSA	Battery charge
	0150 00 60	Time stated on diagnostic protocol	GFF/Guided functions

Continued on next page

<b>PARTS</b>			
<b>Criteria</b>	<b>Quantity</b>	<b>Part Number</b>	<b>Description</b>
02 (required for inspection only)	2.00	N 91190002	BOLT
	1.00	N 10518405	SCREW (if necessary)
<i>Add the following as required only if brake line(s) require replacement:</i>			
01	1.00	4KL614724C	BRAKELINE (passenger front)
	1.00	4KE614746B	BRAKELINE (passenger front)
02	1.00	4KL614723C	BRAKELINE (driver front)
	1.00	4KE614745A	BRAKELINE (driver front)
	1.00	4G0611853	SPACER <i>(if necessary and only if 4KE614745A is needed)</i>
	1.00	4KL614725C	BRAKELINE (driver rear)
	1.00	4KE614741D	BRAKELINE (driver rear)
	1.00	4KL614726C	BRAKELINE (passenger rear)
	1.00	4KE614742D	BRAKELINE (passenger rear)
ALL	Up to 10.00	B 000750S0	Brake Fluid
	SEE ETKA/ELSA		All one-time use fasteners, seals, fluids, etc., as needed according to the ELSA repair manual and ETKA parts catalog

## Customer Letter Example (USA)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

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

**NHTSA:** 24V428

**Subject: Safety Recall 47DE - Brake Pressure Line Connection**

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 2024 model year Audi vehicles. Our records show that you are the owner of a vehicle affected by this action.

### **What is the issue?**

A potentially overtightened brake line connection can result in a brake fluid leak and cause the affected brake circuit to fail. If this happens, vehicle braking performance will be decreased, increasing the risk of a crash.

### **What will we do?**

To correct this defect, your authorized Audi dealer will inspect brake pressure line coupling points and, if necessary, replace the affected brake pressure line.

The inspection will take less than an hour to complete. If a replacement is needed, your dealer will need to order the parts for your vehicle. Once the parts are available, the replacement will take up to two days to complete. Both the inspection and replacement (if necessary) will be performed for you free of charge. Please keep in mind that your dealer may need additional time for the preparation of the work, 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 work. For your convenience, you can also visit [www.audiusa.com](http://www.audiusa.com) and click on the "Find a Dealer" link to locate a dealer near you and schedule this service.

### **Precautions you should take:**

If the recall condition is present in the vehicle, brake pedal travel may be extended and the "Brake fluid level low" warning message will appear in the vehicle display due to the reduced quantity of braking fluid. Due to the diagonal distribution of the two brake circuits, the vehicle can still be slowed with reduced braking power using a front wheel brake and a rear wheel brake. Customers experiencing this situation are advised to contact their authorized Audi dealer without delay for an appointment to have the vehicle diagnosed.

As a reminder, the vehicle owner's manual contains important information regarding your vehicle's warning lights and messages. We encourage you and anyone who drives your vehicle to review the owner's manual to become familiar with the types of vehicle indicators, warnings and messaging you may see.

### **Additional Information**

- 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 your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, if you have changed your address or sold the vehicle, or if you should have any questions about this communication, please contact Audi Customer Experience at 1-800-253-2834 or via our "Contact Us" page at [www.audiusa.com](http://www.audiusa.com).
- 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>.
- To check your vehicle's eligibility for repair under this or any other recall/service campaign, please visit the Recall/Service Campaign Lookup tool at [www.audiusa.com](http://www.audiusa.com) and enter your Vehicle Identification Number (VIN).

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:** <MODEL YEAR> <BRAND> <CARLINE>, <VIN>

**Transport Canada Recall:** 2024-332

**Subject: Safety Recall 47DE - Brake Pressure Line Connection**

Dear Audi Owner,

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

### **What is the issue?**

A potentially overtightened brake line connection can result in a brake fluid leak and cause the affected brake circuit to fail. If this happens, vehicle braking performance will be decreased, increasing the risk of a crash.

### **What will we do?**

To correct this defect, your authorized Audi dealer will inspect brake pressure line coupling points and, if necessary, replace the affected brake pressure line.

The inspection will take less than an hour to complete. If a replacement is needed, your dealer will need to order the parts for your vehicle. Once the parts are available, the replacement will take up to two days to complete. Both the inspection and replacement (if necessary) will be performed for you free of charge. Please keep in mind that your dealer may need additional time for the preparation of the work, 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 work.

### **Precautions you should take:**

If the recall condition is present in the vehicle, brake pedal travel may be extended and the "Brake fluid level low" warning message will appear in the vehicle display due to the reduced quantity of braking fluid. Due to the diagonal distribution of the two brake circuits, the vehicle can still be slowed with reduced braking power using a front wheel brake and a rear wheel brake. Customers experiencing this situation are advised to contact their authorized Audi dealer without delay for an appointment to have the vehicle diagnosed.

As a reminder, the vehicle owner's manual contains important information regarding your vehicle's warning lights and messages. We encourage you and anyone who drives your vehicle to review the owner's manual to become familiar with the types of vehicle indicators, warnings and messaging you may see.

### **Additional Information**

- If you are the lessor and registered owner of the vehicle identified in this letter, you shall forward this letter (and any subsequent notice, if applicable) to the lessee within ten (10) days of receipt.
- If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, if you have changed your address or sold the vehicle, or if you should have any questions about this communication, 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](http://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

## Safety Precautions When Working ON the High-voltage System

(additional information is also available in the ELSA Repair Manual)

### DANGER

#### Extremely dangerous due to high voltage.

- The high-voltage system is under heavy voltage. Severe bodily injury or death by electrocution or electric arcs is possible.
- When working on the high-voltage system the high-voltage system must be de-energized.
- When performing procedures that do not directly affect the high-voltage system, in some cases it is still necessary to de-energize the high-voltage system.
- Pay attention when the high-voltage system must be de-energized. Refer to the Repair Manual
- Have a High-Voltage Technician or a High-Voltage Expert de-energize the high-voltage system.

#### The electric and magnetic fields are extremely dangerous.

- There are electric and magnetic fields on the high-voltage system. Death or serious injury are possible due to malfunction of active implants (for example cardiac pacemakers, insulin pumps).
- Persons with active implants may not perform procedures on the high-voltage system.

### WARNING

#### Risk of injury - motor may start unexpectedly

It is difficult to determine whether the drive system of an electric vehicle or hybrid vehicle is active. Moving parts can trap or draw in parts of the body.

### CAUTION

#### Risk of damage to high-voltage wiring

- Incorrect handling may result in damage to the insulation of high-voltage wires or high-voltage connectors.
- Do not support yourself on high-voltage cables or connectors.
- Never prop tools against high-voltage wiring or high-voltage connectors.
- Never bend or kink high-voltage wiring.
- Observe the coding of the high-voltage connectors when joining them up.

## Safety Precautions When Working NEAR the High-voltage System

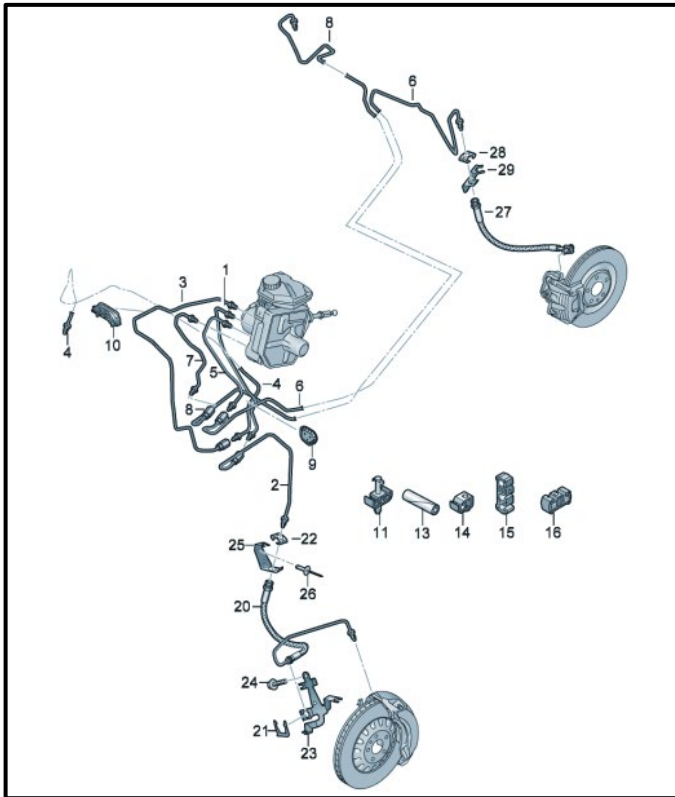
(additional information is also available in the ELSA Repair Manual)

### DANGER

#### Extremely dangerous due to high voltage.

- The voltage levels in the high-voltage system constitute a safety hazard. Danger of severe or fatal injuries from electric shock if high-voltage components or high-voltage wiring are damaged.
- Carry out a visual check of high-voltage components and high-voltage wiring.
- Never use cutting/forming tools or other sharp-edged implements.
- Never perform work using welding, brazing, thermal bonding or hot air in the area of high-voltage components and high-voltage cables.

## Repair Overview



- **Criteria 01:** Measure upper brake line coupling point and replace brake lines if necessary.
- **Criteria 02:** Measure lower brake line coupling points and replace brake lines if necessary.

### NOTE

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

## Required Tools (inspection)



Feeler Gauge  
-VAS241007-  
(or equivalent 1.00 mm  
feeler gauge)

## Required Tools (brake line replacement)



Diagnostic Tester  
-VAS6150X/6160X-  
(or equivalent)



Battery Tester/Charger  
capable of **minimum 90  
Amp** continuous supply

### NOTE


Additional special tools may be required depending on which ancillary components are removed during brake line replacement. Refer to the ELSA repair manual for information regarding special tool requirements.

## Repair Instruction


### Section A - Check for Previous Repair

#### TIP

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

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

**EXAMPLE**

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

**EXAMPLE**

- Enter the VIN in Elsa and proceed to the “Campaign/Action” screen.

#### TIP

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

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

#### **CRITICAL REPAIR STEP**



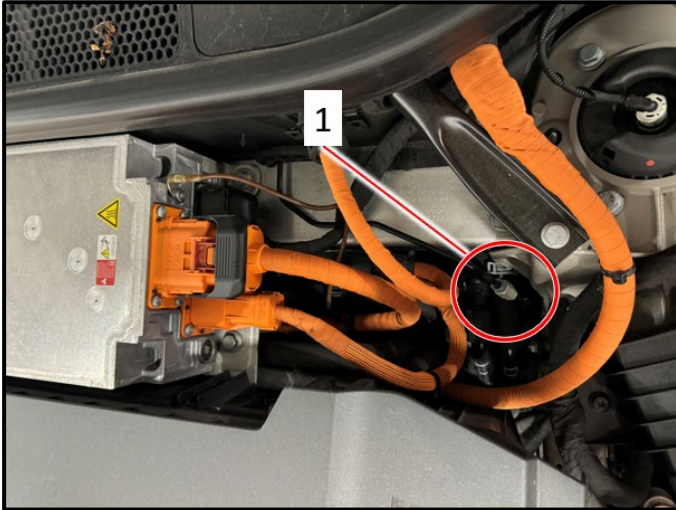
If multiple software update Campaign/Actions are open, they must be performed in order of the Start date <arrow 3>. The oldest should be performed first.

- **All Safety Recalls must be completed prior to completing this campaign.**
- **Criteria 01:**
  - Proceed to Section B.
- **Criteria 02:**
  - Proceed to Section C.

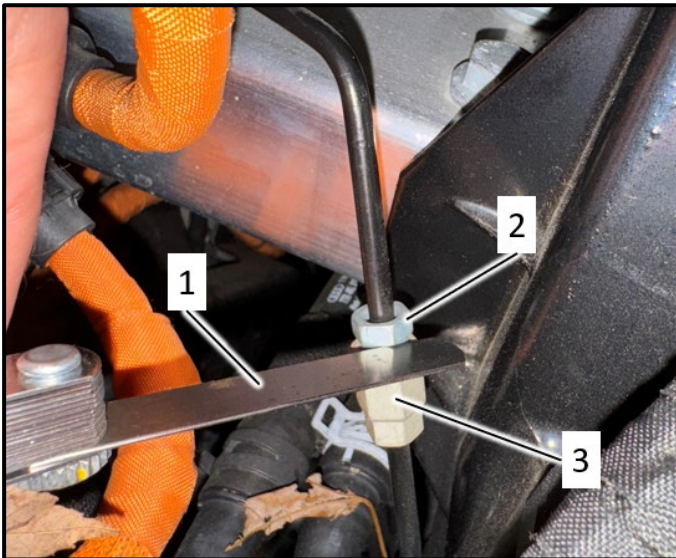
## Section B – Inspect Upper Brake Line Coupling Point

### ! IMPORTANT

Punch times for brake line replacement must be documented and available for review if requested.



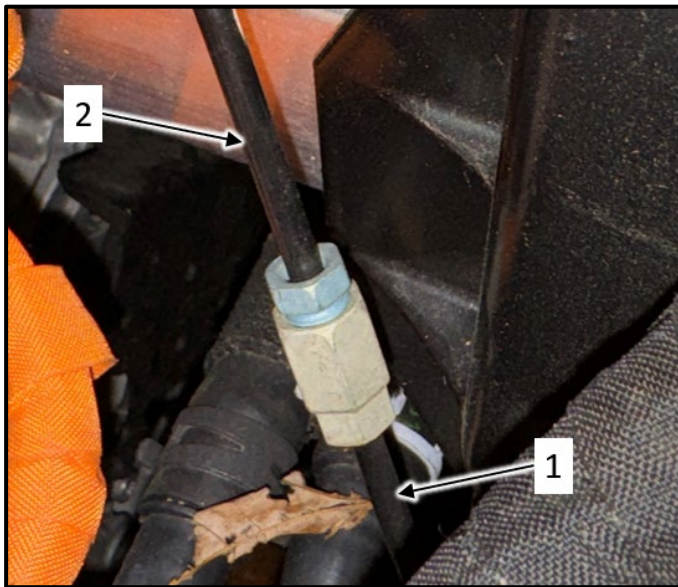
- Locate the brake line coupling point <1> in the under-hood compartment next to the driver front strut tower.



- Using a 1.0mm feeler gauge <1>, check the gap between the underside of the bolt <2> and the top of the nut <3> as shown.
- If the measurement is 1.0mm or greater:
  - The coupling point is OK and the brake lines do not require replacement.
  - **Proceed to section D.**
- If the measurement is less than 1.0mm and the feeler gauge will not fit between the nut and the bolt:
  - Take photos that clearly show the feeler gauge will not fit in the gap.
  - **US dealers:** Upload photos to Doc-IT.
  - **Canadian dealers:** Create a TAC case, using the “Documentation (only for TB 2066453/x)” concern group.
  - Continue with the steps listed below.

### ! NOTE

The photos are for documentation only. It is not necessary to contact Audi Warranty (US dealers) or TAC (Canadian dealers) for repair approval.



**⚠ CRITICAL REPAIR STEP**

**STOP! STOP!**

If the inspection fails, both brake lines must be replaced. Replacement of only one portion of the brake line is not permitted.

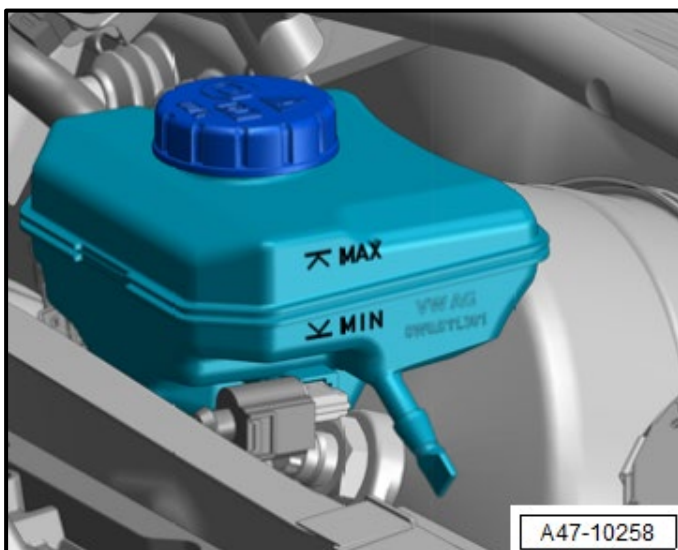
- Replace the brake lines <1> and <2>.
  - Counter hold the coupling point when tightening.
  - Torque the coupling point to 14 Nm.

Part Number	Part Description
4KL-614-724-C	Brake line section (Passenger front brake fluid circuit)
4KE-614-746-B	Brake line section (Passenger front brake fluid circuit)

**ⓘ NOTE**

- The ELSA repair manual does not have instructions outlining replacement of the rigid brake lines.
- If brake line replacement is required, remove any components as needed to replace the affected brake lines.
- Adhere to the steps listed in the ELSA repair manual for removal of the component(s).

- Reassemble the vehicle in reverse order of removal.
- Replace all single use fasteners called out by the ELSA repair manual.
- Follow the steps listed in the ELSA repair manual for reassembly of the components that were removed.
- Bleed the brake system per the ELSA repair manual:
  - *Repair manual > Chassis > Brake System > 47 Hydraulic Components > Hydraulic System > Hydraulic System, Bleeding.*



Part Number	Part Description
SEE POC	Brake fluid

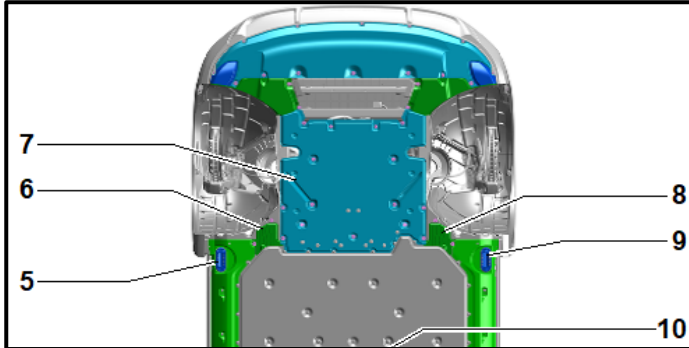
- Connect a battery charger.
- Scan the vehicle using GFF.
- Perform any test plans that are required from removal of the components.
- Clear the fault memory.
- Submit the GFF log online when exiting the session.

**Proceed to Section D**

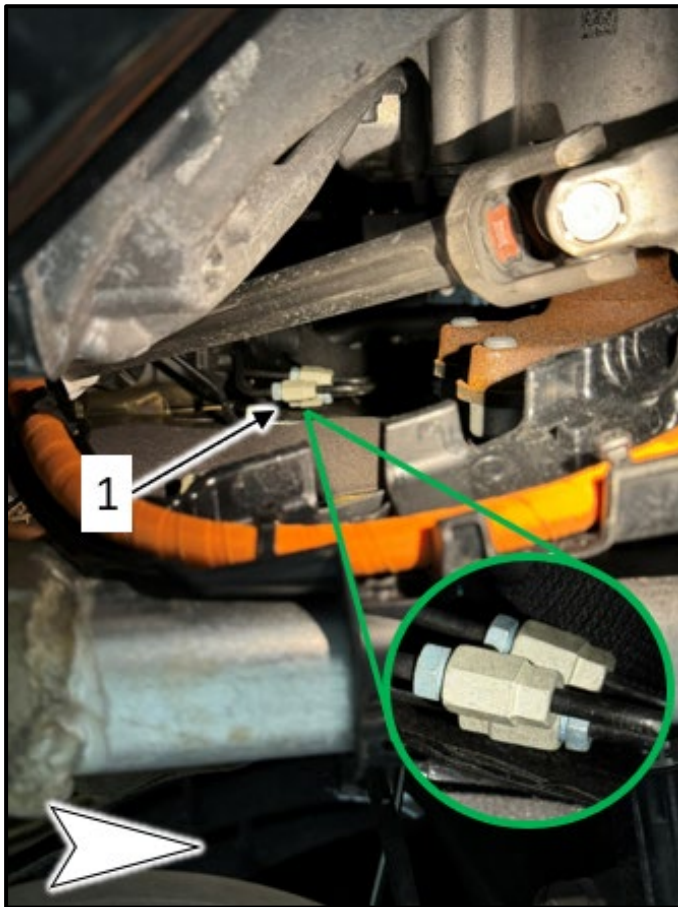
## Section C – Inspect Lower Brake Line Coupling Points

### ! IMPORTANT

Punch times for brake line replacement must be documented and available for review if requested.



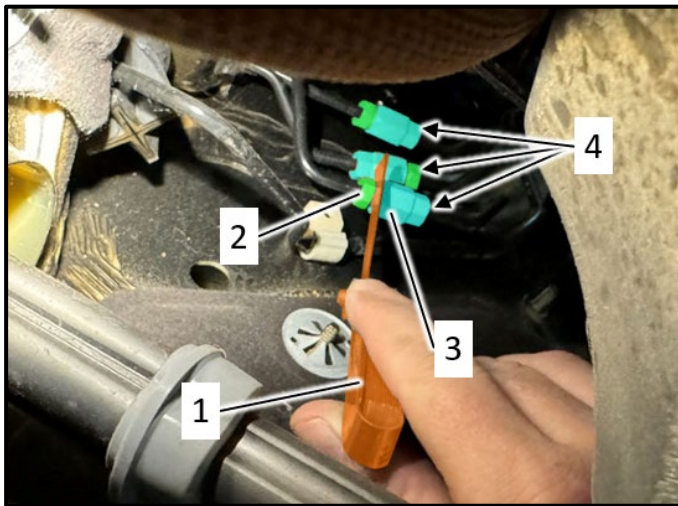
- Remove the front under body panel <7>.



- Note the direction of vehicle travel <arrow>.
- Locate the three brake line coupling points <1>.

### ! NOTE

The coupling points <1> are located above the intermediate steering shaft.



- Using a 1.0mm feeler gauge <1>, check the gap between the underside of the bolt <2> and the top of the nut <3> as shown for **all three** coupling points <4>.

**NOTE**

If needed, the steering intermediate shaft can be disconnected from the steering rack to allow for better access.

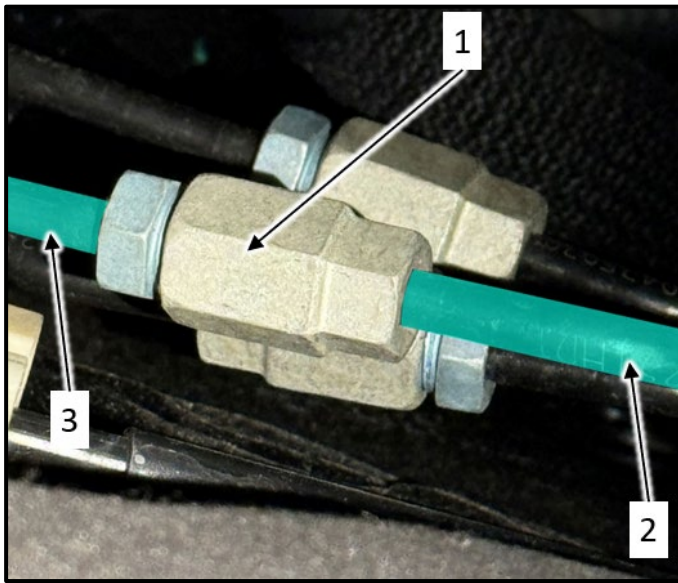
- If the measurements are 1.0mm or greater for **all three** coupling points:
  - The coupling points are OK and the brake lines do not require replacement.
  - Reassemble the vehicle in reverse order of removal.
  - Replace all single use fasteners called out by the ELSA repair manual.
  - If removed, torque the new steering shaft bolt to 30 Nm.
  - **Proceed to section D.**

Part Number	Part Description
N -911-900-02	Trim panel bolt (qty. 2)
N -105-184-05	Steering shaft bolt (qty.1, if necessary)

- If the measurement is less than 1.0mm for a coupling point and the feeler gauge will not fit:
  - Take photos that clearly show the feeler gauge will not fit in the gap.
  - **US dealers:** Upload photos to Doc-IT.
  - **Canadian dealers:** Create a TAC case, using the “Documentation (only for TB 2066453/x)” concern group.
  - Continue with the steps listed below for the coupling point that measure less than 1.0mm.

**NOTE**

The photos are for documentation only. It is not necessary to contact Audi Warranty (US dealers) or TAC (Canadian dealers) for repair approval.



**⚠ CRITICAL REPAIR STEP**

**STOP! STOP!**

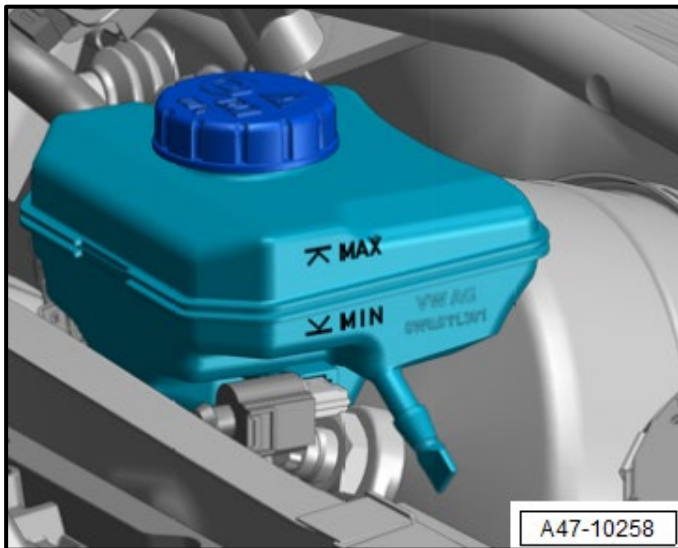
If the inspection fails, both brake lines for the affected coupling point(s) must be replaced. Replacement of only one portion of the brake line for the affected coupling point(s) is not permitted. For example, if the gap for coupling point <1> was found to be less than 1.0mm, brake lines <2> and <3> must be replaced.

- Replace both brake lines for the affected coupling point(s).
  - Counter hold the coupling point when tightening.
  - Torque the coupling point to 14 Nm.

Brake fluid circuit	Part Number	Part Description
Driver front	4KL-614-723-C	Brake line section
	4KE-614-745-A	Brake line section
	4G0-611-853	If necessary and only if 4KE-614-745-A is needed
Driver rear	4KL-614-725-C	Brake line section
	4KE-614-741-D	Brake line section
Passenger rear	4KL-614-726-C	Brake line section
	4KE-614-742-D	Brake line section

**ⓘ NOTE**

- The ELSA repair manual does not have instructions outlining replacement of the rigid brake lines.
- If brake line replacement is required, remove any components as needed to replace the affected brake lines.
- Adhere to the steps listed in the ELSA repair manual for removal of the component(s).



- Reassemble the vehicle in reverse order of removal.
- Replace all single use fasteners called out by the ELSA repair manual.
- If removed, torque the new steering shaft bolt to 30 Nm.
- Follow the steps listed in the ELSA repair manual for the reassembly of the components that were removed.
- Bleed the brake system per the ELSA repair manual:
  - Repair manual > Chassis > Brake System > 47 Hydraulic Components > Hydraulic System > Hydraulic System, Bleeding.

Part Number	Part Description
N -911-900-02	Trim panel bolt (qty. 2)
N -105-184-05	Steering shaft bolt (qty.1, if necessary)
SEE POC	Brake fluid

- Connect a battery charger.
- Scan the vehicle using GFF.
- Perform any test plans that are required from removal of the components.
- Clear the fault memory.
- Submit the GFF log online when exiting the session.

**Proceed to Section D**

## Section D – Campaign Completion Stamp

I certify that this campaign  
has been performed in strict  
accordance with the applicable  
Audi repair procedure.

SAGA Code: \_\_\_\_\_  
Technician: \_\_\_\_\_  
Date: \_\_\_\_\_

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-OR-

Je certifie que cette  
campagne de rappel a été  
exécutée suivant les strictes  
directives de réparation  
d'Audi

Code de SAGA: \_\_\_\_\_  
Technicien: \_\_\_\_\_  
Date: \_\_\_\_\_

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- 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 E.**

## Section E - 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.