

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
All Audi models	2019 - 2024	All	With Parking Aid

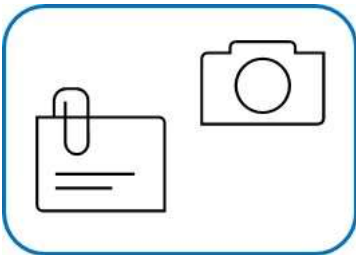
REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised header (Adjusted format for clarity) Revised <i>Condition</i> (Updated text, added model table) Revised <i>Technical Background</i> (Updated text) Revised <i>Service</i> (Updated text, change to image order) Revised <i>Warranty</i> (Updated text) Revised <i>Required Parts and Tools</i> (Updated text, remove tool table) Revised <i>Additional Information</i> (Updated text)
4	12/09/2024	Revised <i>Service</i> (Adjusted customer statement and service instructions)
3	08/30/2024	Revised <i>Service</i> (Adjusted customer statement and service instructions) Revised <i>Warranty</i> (Updated warranty table)

Customer states:

Rear parking sensor sometimes not working, rear parking sensor is loose, fault message for rear parking sensor.

Workshop findings:

The retaining plate for the parking sensor has come loose from the bumper cover/rear apron/spoiler.



Documentation necessary

Technical Background

The adhesive strength of the parking aid bracket is not sufficient.



Figure 1. Retaining plate for parking sensor has come loose.



Figure 2. Retaining plate for parking sensor hanging loose.

Production Solution

Process optimized for vehicles currently in production.

Service

When billing, always attach a photo that clearly shows the complaint to Doc-IT. To ensure a reference to the vehicle, the photo must include the chassis number and the date. The photo must not be edited. The photo should be in focus and be taken with sufficient illumination. A high resolution is not necessary. If appropriate, please mark the location of the problem so that parts analysis have a clear reference to the complaint. Please ensure that the photo documentation does not show any persons and/or faces, vehicle registration numbers (number plates) or customer data.

- Remove the rear bumper cover according to Workshop Manual.
- Required special tools for parking sensor: PDC holder VAS 6614C and hand-cartridge gun VAS 5155.

The old brackets must be bonded again in the same position in the rear apron/spoiler.

Remove old adhesive tape from bonding surfaces on the inside of the rear apron/spoiler and on affected brackets, sand brackets and clean them thoroughly.

Clean rear apron/spoiler and brackets thoroughly with plastic cleaner D 00940104 or alternative (isopropyl alcohol) and allow to flash off for 5 minutes.

Apply a thin coating of primer for plastic components D 822150A1 (or alternative VOC compliant plastic primer / adhesion promoter sourced locally) to rear apron/spoiler and bracket and allow to flash off for 10 minutes.

Depending on the installation depth of the parking sensor mounting, it may be necessary to place a backing in the gap between the bracket and the bumper cover.

Check the installation depth of the parking sensor in the bumper cover for protrusion.

In the event of protrusion, a backing must be used (e.g. double-sided adhesive tape as a spacer).

Slide bracket -6- onto centering pin -3- (VAS 6614C) and push through rear apron/spoiler.

Slide on counterhold tool -2- from outside and tighten knurled nut slightly.

Align bracket -6- in correct position and according to markings on rear apron/spoiler.

Slide on clamp -4- and screw in knurled nut -5- but do not tighten yet.

Prepare all affected brackets up to this step prior to bonding.



Note:

The first 3-5 cm of adhesive from the mixing nozzle may not be properly mixed and must therefore be discarded.

The adhesive must not be allowed to run into the groove on the bonding surface on the bracket.

- Apply 2-component plastic adhesive -D 180KU2A1- to areas marked by arrows between bracket (VAS 6614C) and rear apron/spoiler

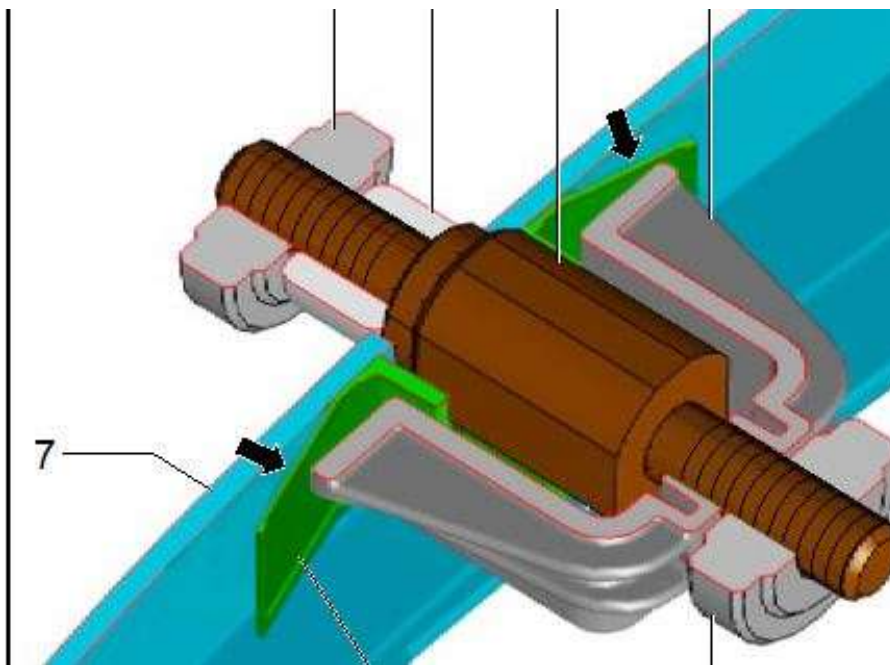


Figure 3. Areas to apply 2-component plastic adhesive.

- Tighten knurled nut -3- at centering pin -1-.

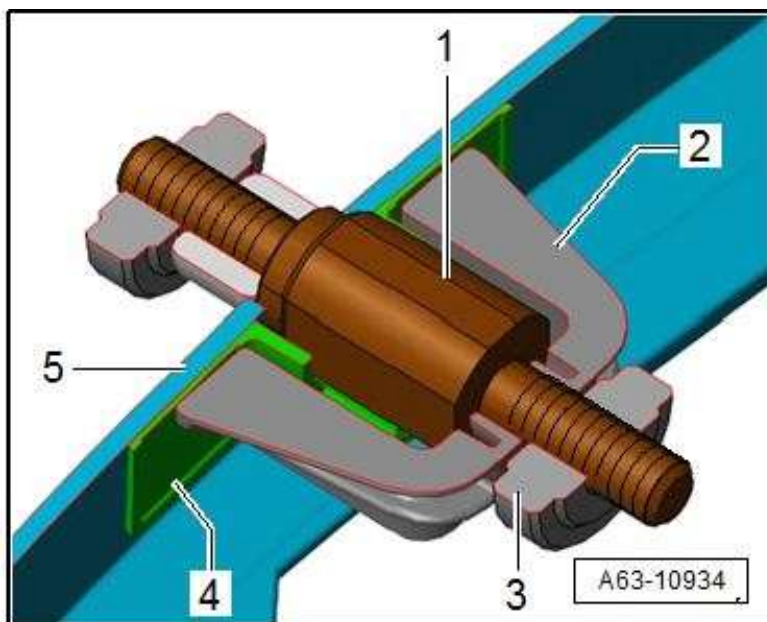


Figure 4. Knurled nut to tighten.

This results in clamp -2- pushing the sides of bracket -4- flat onto the rear apron/spoiler -5-.

Perform this step for all affected brackets.

- After minimum drying time of 30 minutes for 2-component plastic adhesive D 180KU2A1, remove all centering pins.
- The rear apron/spoiler must be left at the workstation during this period and must not be moved.
- Install rear bumper cover according to Workshop Manual.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9175		
Damage Code:	0018		
Labor Operations:	Remove and install rear bumper cover	6369 19xx	See SRT with associated operations
	Modify/bond on 1 sensor/bracket	9175 4999	50 TU
	Modify/bond on all other sensors/brackets	9175 5099	20 TU
Claim Comment:	As per TSB 2068573/5		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Please note the information on predecessors and items that are included and excluded in the repair operations as well as any associated tasks.

Required Parts and Tools

Part Number	Part Description	Quantity
D180KU2A1	Plastic adhesive	1
D822150A1	Primer (or alternative low VOC plastic primer / adhesion promoter sourced locally compliant with local regulations.)	0.1
D 00940104	Plastic cleaner (or alternative isopropyl alcohol)	0.1

Additional Information

All part and service references provided in this TSB (**2068573**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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