



Technical Service Bulletin

90 Front camera for driver assist systems R242 fails to calibrate

90 20 56 2059971/1 July 2, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, S6, S7, RS6, and RS7	2019 - 2020	All	Multifunction camera

Condition

Customer states:

- No customer concerns, it is found during PDI or any other diagnostic work.

Workshop findings:

- The front camera for driver assist systems R242 has to be removed and reinstalled or replaced.

Or

- The windscreen is replaced.

Or

- The front camera for driver assist systems R242 cannot be calibrated.



Note:

The replacement of the front camera or windscreen is not a part of this TSB.

Technical Background

There is a deviation in the mounting of the front camera for driver assist systems R242.

Production Solution

Not applicable.



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Service

1. Remove any adhesive residues from the front camera, as adhesive may have been used for securing it in the holder.



Tip: Protect the front camera against damage when removing the adhesive residues.



Figure 1. Cleaning of the camera.

Depending on the windshield proceed as follows:

A6 windshield with part number 4K0 845 099 A / B / F / G / H / J or A7 windshield with part number 4K8 845 099 B / K / L / F:



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2. An aluminum foil (part number 4K0 907 231 MTR) has to be attached to the windshield to correct the pitch angle of the front camera. Manufacture a 5mmx10mm decal and stick it on the mounting bar of the front camera previously cleaned with Isopropanol (Figure 2 and 3).



Figure 2. Placement of decal.

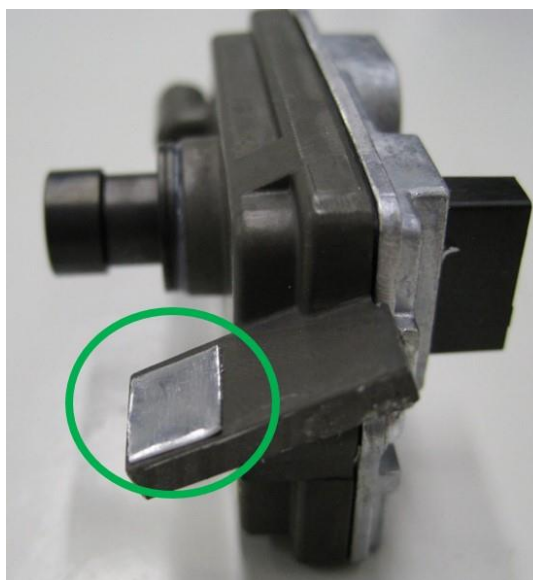


Figure 3. Placement of decal.



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A6 windscreen with part number 4K0 845 099 K / L / P / Q / M / N or A7 windscreen with part number 4K8 845 099 N / P / Q / R:

- If this windshield is installed, a correction of the pitch angle of the front camera with aluminum foil is not necessary. An optimized mount for the front camera on the windshield is already installed. If there is aluminum foil on the front camera, it must be removed.

Warranty

Claim Type:	<ul style="list-style-type: none">110 up to 48 Months/50,000 Miles.G10 for CPO Covered Vehicles – Verify Owner.If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9638		
Damage Code:	0010		
Labor Operations:	Clean front camera for assistance systems	9638 2999	10 TU
	Modify front camera for assistance systems	9638 4999	10 TU
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 25 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2059971/1		

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.

Additional Information

All part and service references provided in this TSB (2059971) 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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