



Technical Service Bulletin

91 Laserscanner alignment is unsuccessful

91 20 52 2056248/2 December 18, 2020. Supersedes Technical Service Bulletin Group 91 number 19-02 dated October 21, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, Q8, and Audi e-tron quattro	2019 – 2021	All	Adaptive Cruise Assist
Audi e-tron Sportback	2020 - 2021	All	Adaptive Cruise Assist

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added MY21 and adjusted software filter) Revised <i>Service</i> (Updated SVM code)
1	10/21/2019	Initial publication

Customer states:

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

Workshop findings:

- An alignment of the control module for laserscanner, J1122 (address word 00CD) is unsuccessful.

One of the following reasons is provided in the ODIS Service with VAS tester for the failure:

- "Yaw angle out of tolerance."
- "Adjustment successful, no reason."
- "The calibration panel could not be found."

Technical Background

A possible failure of the calibration routine in the software.



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Production Solution

New software in the control module for laserscanner, J1122 (address word 00CD) addressed the condition.

Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the control module for laserscanner, J1122 (address word 00CD) using the SVM action code as listed in the table below, if necessary:

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A6, A7, A8, Q8, and Audi e-tron quattro	4K8907660B 4K8907660C 4K8907660D	0200 0201 0202 0304	4K8907660E	0306	CDA003



Tip: After the update, a bus sleep cycle is necessary so that all DTCs can be deleted.

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:	9159		
Damage Code:	0039		
Labor Operations:	Software Update	0151 0000	Time stated on the diagnostic protocol (Max 75 TU)



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Diagnostic Time:	GFF	No allowance	0 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 #2056248/2		

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

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (2056248) 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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