



# Technical Service Bulletin

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## 91 Laserscanner alignment is unsuccessful

91 19 02 2056248/1 October 21, 2019.

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

## Condition

### 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.

## 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:



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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	0200 0201 0202	4K8907660C	0205	<b>CDA002</b>



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

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	9159		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	Software Update	0151 0000	Time stated on the diagnostic protocol (Max 75 TU)
<b>Diagnostic Time:</b>	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
<b>Claim Comment:</b>	As per TSB #2056248/1		

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.



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## 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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