

Technical Service Bulletin



96 Lane Change Assistant "Sensors Blocked" warning in DIS (DTC C1114F3 and C1115F5)

96 13 77 2035047/2 September 23, 2013. Supersedes Technical Service Bulletin Group 96 number 13-72 dated August 26, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, A5 Cab, allroad, Q5	2013-2014	All	Audi Side Assist

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Service</i> (Updated SVM table) Revised <i>Warranty</i> (Added labor operation)
1	8/26/2013	Initial publication

Customer Complaint:

- Audi Lane Change Assistant deactivates or is sporadically inoperative when the vehicle is driven in slow-moving stop-and-go traffic, especially on roads with multiple lanes.
- The message "Audi side assist unavailable: Sensors blocked" appears in the driver information system (Figure 1).



Figure 1. Audi Side Assist warning in DIS

- The system is able to be activated approximately ten minutes after the traffic condition is removed, or after an ignition cycle.

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Workshop Findings:

- Audi Lane Change Assistant can be activated without issue.
- No obstructions can be found.
- One or both of the following DTCs is stored in the Lane Change Assistance control module, J769 (address word 3C):
 - **DTC C1114F3** (Lane change assistance control module Restricted view Sporadic)
 - **DTC C1115F5** (Lane change assistance control module 2 Restricted view Sporadic)
- The control module mounting brackets are securely fastened to the lower rear bumper, and no damage is found to the rear bumper area, on the inside or outside (Figure 2).
(If any damage is found, it is not covered under warranty.)
- The control module mounting brackets are not broken or loose (Figure 3 and Figure 4).



Figure 2. Mounting bracket for one of the ECUs.



Figure 3. Broken mounting bracket



Figure 4. Loose mounting bracket.



Tip: If a loose bracket is found, repair as necessary using the Elsa Repair Manual. Submit a separate warranty claim, as this TSB does not cover this repair.

Technical Background

The software of the Lane Change Assistance control module can deactivate the Audi Side Assist system in certain normal driving conditions because the nature of these driving conditions make it difficult for the Audi Side Assist system to track vehicles.

For example:

- When the vehicle is driven in stop-and-go traffic at low speeds for an extended period of time.
- When the vehicle is driven for a long distance on an open road without vehicles or other objects within the view of the radar system.

Production Solution

Optimized software.

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Service

1. SVM Update Instructions:

- Follow all instructions in the attached TSB, 2011732: *00 Software Version Management (SVM), operating instructions*.
- Update the Lane Change Assistant (J769) 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	SVM Action Code
A4/S4/allroad, A5/S5/RS5, A5/S5/RS5 Cab	8T0 907 566	0030, 0037	8T0 907 566	New Parameters Only (0030, 0037)	3CA010
	8T0 907 566 A	0040, 0047	8T0 907 566	New Parameters Only (0040, 0047)	
	8T0 907 566 B	0060	8T0 907 566 B	0071	
	8T0 907 566 B	0071	8T0 907 566 B	New Parameters Only (0071)	
Q5/Q5 hybrid/SQ5	8T0 907 566 B	0060	8T0 907 566 B	New Parameters Only (0060)	3CA010
	8T0 907 566 B	0071	8T0 907 566 B	New Parameters Only (0071)	

- ### 2. Calibrate the Audi Lane Change Assistant using the instructions listed in the Elsa Repair Manual: *Repair Manual >> Electrical System >> Electrical Equipment >> 96 Interior Lights, Switches >> Diagnosis and Testing >> Lane Change Assistance Control Module, Calibrating.*

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9635		
Damage Code:	0039		
Labor Operations:	Software Update		
	Inspect bracket	9635 9999	10 TU
	Charge battery	2706 8950	10 TU
	Lane change assistant control module adjust	9635 1500	70 TU
Diagnostic Time:	GFF for software update	0150 0000	Time stated on diagnostic protocol (MAX 50 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure (if calibration was performed)	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2035047/2		

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*.

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All parts and service references provided in this TSB (2035047) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.