

96 Lane Change Assist inop, Audi pre sense warning in instrument cluster

96 17 18 2048470/1 August 4, 2017.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5	2018	All	With Audi pre sense

Condition

Customer may report:

 Message in instrument cluster "Audi pre sense: currently restricted. See owner's manual"



Figure 1. Message in instrument cluster.

Workshop Findings:

DTCs are stored in one or both of the lane change assistance control modules, J769/J770 (address word 003C/00CF):

- DTC C1114F0 (control unit for lane change assist, cannot be automatically calibrated)
- DTC C1114F3 (Lane change assistance control module Restricted view)

Technical Background

The fault most likely was caused by the improper installation of foam which interferes with the sensor's field of view.

Production Solution

Redesigned brackets and foam were implemented into production.



Service

 Before removing the bumper, check the bracket part numbers (Figure 2 and 3). If they are not part numbers 80A 907 908 B and 80A 907 907 B then proceed with the instructions below.



Figure 2. Bracket part number location on driver's side.



Figure 3. Bracket part number location on passenger's side.

2. Unclip the modules and remove the brackets. In order to access to the passenger side bracket the bumper needs to be partially detached on the right side. See Elsa for bumper removal steps, only follow for right side.





Partial detachment means less risk of bumper and paint damage, however, the procedure is less comfortable to reach the bolts holding the bracket. The technician may decide and prefer to take the bumper completely off.

3. Strip out any foam that is glued to the bumper (Figure 4) marked in the red areas (Figure 5).



Figure 4. Foam to be stripped out.





Figure 5. Removed foam.



 Prepare the new brackets 80A 907 908 B and 80A 907 907 B by applying the foam strips 80A 807 549.

The brackets have indication marks to help positioning the foam (Figure 6).



Figure 6. Indication marks for new foam.

5. Install the new brackets with foam applied, by using the old bolts.



Always replace both brackets and foam, even if only one sensor shows a fault.

- 6. Re-install the side assist modules and reassemble the bumper in reverse order.
- 7. Calibrate the sensors according to Elsa and perform test drive.



Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles.				
	G10 for CPO Covered Vehicles – Verify Owner.				
	If vehicle is outside any warranty, this Technical Service Bulletin is informational only.				
Service Number:	ervice Number: 9635				
Damage Code:	0010				
Labor Operations:	Rear bumper remove and reinstall	6369 1900	90 TU		
	2 Lane Change assist control module remove and reinstall	9635 2050	20 TU		
	2 Lane Change assist adjust (calibration)	9635 1500	70 TU		
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	No allowance	0 TU		
	Road test prior to service procedure	No allowance	0 TU		
	Road test after service procedure	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 #2048470/1				

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.

Required Parts and Tools

Part Number	Part Description	Quantity
80A 907 907 B	Left Side Assist Control Module Bracket	01
80A 907 908 B	Right Side Assist Control Module Bracket	01
80A 807 549	Plastic Foam (Self-Adhesive)	02



Additional Information

All parts and service references provided in this TSB (2048470) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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