Technical Service Bulletin

96 Lane change assist does not work, DTCs C1114F0 and C1114F3 stored in lane change assistance control modules

96 21 62 2048470/3 March 2, 2021. Supersedes Technical Service Bulletin Group 96 number 19-37 dated April 17, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5, SQ5	2018	All	Audi pre sense

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
3	-	Revised *Warranty* (Added Diagnostic Time)
2	04/17/2019	Revised title Revised header (Updated Diagnostic Codes) Revised *Warranty* (Updated Labor Operations)
1	08/04/2017	Initial publication

Customer states:

- A message in the instrument cluster, “Audi pre sense: currently restricted. See owner’s manual” (Figure 1).

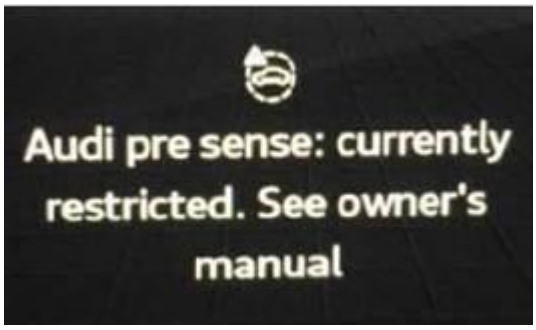

Figure 1. *Message in the instrument cluster.*

Workshop Findings:

The following DTCs may be 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).

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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

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

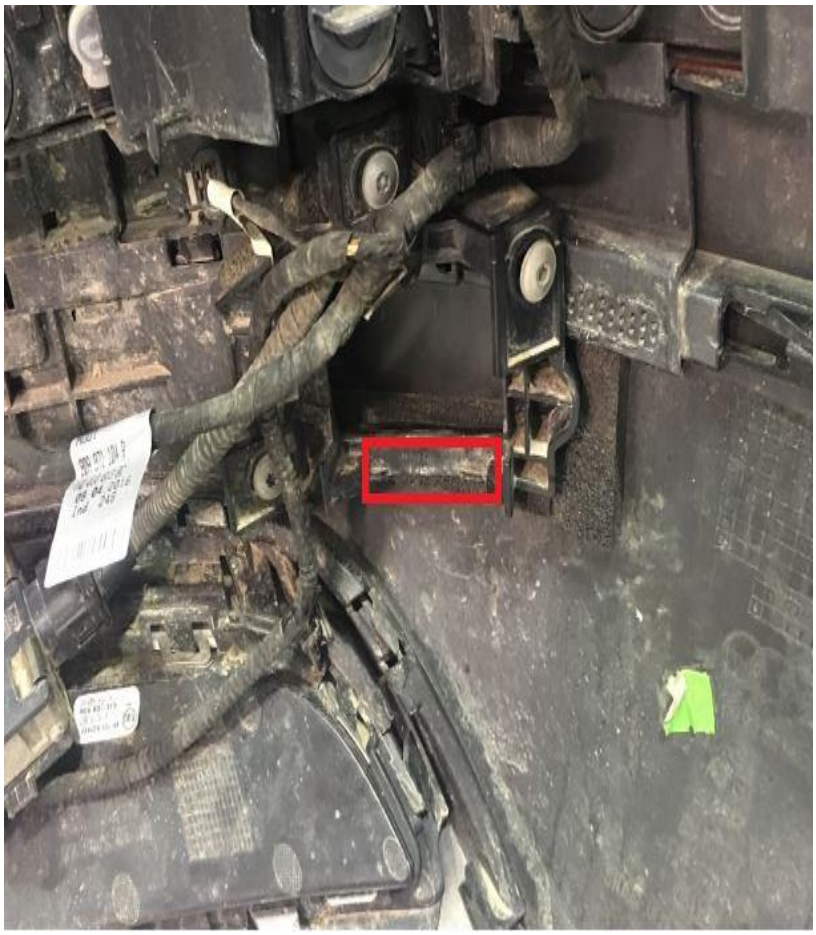

Figure 2. *Bracket part number located on driver's side.*

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Figure 3. *Bracket part number located on passenger's side.*

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

   Note:

   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.

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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.*

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Figure 5. *Removed foam.*

4. 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 to position the foam (Figure 6).

Figure 6. *Indication marks for new foam.*

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

   Note:

   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 the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9635		
Damage Code:	0010		
Labor Operations:	Rear bumper remove and reinstall	6369 1900	See SRT with associated operations
	2 Lane Change assist control module remove and reinstall	9635 2050	See SRT with associated operations
	2 Lane Change assist adjust (calibration)	9635 1550	See SRT with associated operations
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	0121 0004	10 TU
Claim Comment:	As per TSB #2048470/3		

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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Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	**Part Description**	**Quantity**
80A907907B	Left Side Assist Control Module Bracket	01
80A907908B	Right Side Assist Control Module Bracket	01
80A807549	Plastic Foam (Self-Adhesive)	02
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (2048470) are subject to change and/or removal.

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