



Technical Service Bulletin

96 Intersection assist/lane change assist inop, DTC C12BFF0 stored in lane change assist or front corner radar modules

96 20 48 2058768/1 March 3, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2020	008672 - 011235	PHEV

Condition

Customer states:

- The intersection/lane change assist sporadically stops working.

One or all of the following messages are shown in the instrument cluster:

- Intersection assist Malfunction! Please go to workshop.
- Lane change and exit warning: Malfunction! Please go to workshop.
- Rear intersection assistant: Malfunction! Please go to workshop.
- Audi pre sense: Malfunction! Please go to workshop.

Workshop findings:

The following DTC may be stored in one of the control modules for lane change assist, J769 or J770 (address word 003C or 00CF) or front corner radars, J1088 or J1089 (address word 00DB or 00DC):

- **DTC C12BFF0** (radar sensors, automatic calibration not possible).

Technical Background

A software bug can cause the automatic calibration to fail.

Production Solution

Not applicable.

Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.



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2. Update the control modules for lane change assist, J769 or J770 (address word 003C or 00CF) or front corner radars, J1088 or J1089 (address word 00DB or 00DC) using the SVM action code as listed in the table below, if necessary:



Note:

A high-voltage charger must **not** be connected during the update. Please only charge the 12V battery!

Model	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
A8 TFSI e	4N0907660B 47N0907660C	0001 0003 0004 0005	4N0907660C	0005	3CA017

3. Recalibrate the lane change assist, J769 or J770 (address word 003C or 00CF) and front corner radars, J1088 or J1089 (address word 00DB or 00DC) according to the instructions in the repair manual.

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:	0039		
Labor Operations:	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)
	Adjust 2 control units for object recognition	9158 1660	See SRT
	Adjust 2 control units for lane changing assistant	9635 1550	See SRT
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU



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	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2058768/1		

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

Additional Information

The following Technical Service Bulletin(s) 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 (2058768) 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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