



Technical Service Bulletin

90 Various messages displayed, DTCs B200FF1 and/or B200FF2 stored in the camera control module

90 24 19 2048926/10 August 9, 2024. Supersedes Technical Service Bulletin Group 90 number 20-77 dated October 16, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, and A4 allroad	2017 – 2021	All	With multifunction camera
Q7	2017 – 2019		
A4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Sportback, Q5, and SQ5	2018 – 2021		
RS 5	2018 – 2019 2021		
RS 5 Sportback	2019 2021		
SQ5, and SQ5 Sportback	2021		

Condition

REVISION HISTORY		
Revision	Date	Purpose
10	-	Revised header (Added MY21 and updated format) Revised <i>Warranty</i> (Updated warranty table) Revised <i>Required Parts and Tools</i> (removed section)
9	10/16/2020	Revised header (Added MY20 & new SW versions) Revised <i>Service</i> (Updated instructions and SVM table)
8	08/14/2019	Republished

Customer states:



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The customer complains that driver assist systems are unavailable. One or more of the following messages are displayed on the instrument cluster:

- Audi pre sense: fault.
- Traffic sign recognition: fault.
- ACC with traffic jam assist: unavailable.
- Audi active lane assist: currently unavailable.

Workshop findings:

One or both of the following DTCs are stored in the camera control module, R242 (address word 00A5) either statically or sporadically:

- **DTC B200FF1** (internal malfunction).
- **DTC B200FF2** (internal malfunction).

Technical Background 1

During its start phase, the camera recognizes a malfunction in the internal communication.

Production Solution

Production change in calendar week 11/2021.

Service

1. If only **DTC B200FF1** (internal malfunction) is logged, then replace the camera control module R242.
2. If both **DTCs B200FF1** and **B200FF2** are logged, then replace the camera control module R242.
3. If only **DTC B200FF2** is logged and the software of the camera control module, R242 (address word 00A5) is **older than 0055**, proceed as follows:

Update the camera control module, R242 (address word 00A5) via **SVM code A5A002**.

SVM Update Instructions



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

5. Update the camera control module, R242 (address word 00A5) 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 (or higher)	SVM Code Input
A4, A5	8W0907217A 8W0907217B	>0044	8W0907217B	0044	A5A002
	8W0907217C	>0055	8W0907217C	0055	
Q7	4M0907217B 4M0907217C 4M0907217D	>0044	4M0907217D	0044	
	4M0907217E	>0055	4M0907217E	0055	
Q5	80A907217	>0044	80A907217	0044	
	80A907217A	>0055	80A907217A	0055	

Warranty

Claim Type:	If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9638		
Damage Code:	0040		
Labor Operations:	Replace camera for assist systems	9638 55xx	See SRT with associated operations



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	GFF (without software update)	0150 0000	Time stated on the diagnostic protocol
	Software update (performed)	0151 0000	Time stated on the diagnostic protocol
	Charge battery	2706 8950	See SRT with associated operations
Claim Comment:	As per TSB 2048926/10		

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*.

All parts and service references provided in this TSB (**2048926**) are subject to change and/or removal.

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