



Technical Service Bulletin

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

90 18 97 2052240/1 August 23, 2018.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, Q7	2017 - 2019	All	With multifunction camera
A5, Q5	2018 - 2019	All	With multifunction camera

Condition

Customer statement:

In the driver information system (DIS) one or several of the following messages are displayed:

- Audi pre sense: malfunction.
- Traffic sign detection: malfunction.
- Adaptive cruise control with congestion assistant is not available.
- Audi active lane assist: currently not available.

Workshop findings:

One of the following DTC(s) is stored in the camera control module, R242 (address word 00A5) as either static or sporadic:

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

Technical Background

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

Production Solution

Not applicable.



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Service

1. If only **DTC B200FF1** (internal malfunction) is logged, then replace the camera control module.
2. If both **DTCs B200FF1** and **B200FF2** are logged, then replace the camera control module.
3. If only **DTC B200FF2** (internal malfunction) is logged, proceed as follows:
 - Delete the DTC
 - If the DTC is not logged again, return the vehicle to the customer. It is not necessary to replace the front camera.
 - If the DTC stays active or is logged again, then replace the camera module.



Note:

Claims with a replaced camera control modules which only had the **DTC B200FF2** once may be denied.

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:	9638		
Damage Code:	0040		
Labor Operations:	All Models:		
	Camera Driver Assist Sys Adjust	9638 1550	40 TU
	Preparation Driver Assist Calibration	9092 0050	30 TU
	Vehicle front + rear checked	4495 0100	70 TU
	A4 and A5:		
	Camera Driver Assist Sys replaced	9638 5550	60 TU
	Inside mirror remove and reinstall	6827 1900	20 TU



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	A5 Cabriolet:		
	Camera Driver Assist Sys replaced	9638 5500	110 TU
	Q5:		
	Camera Driver Assist Sys replaced	9638 5500	60 TU
	2 Headlight assembly adjust Or 2 Headlight assembly adjust	9415 1600 Or 9415 1601 (LED Only)	20 TU Or 30 TU
	Q7:		
	Camera Driver Assist Sys replaced	9638 5550	20 TU
	Inside mirror removed + reinstalled	6827 1900	20 TU
	2 Headlight assembly adjust Or 2 Headlight assembly adjust	9415 1600 Or 9415 1601 (LED Only)	20 TU Or 30 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 100 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2048926/4		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Front Camera for driver assistance programs	01



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4M0955609	Silicone pad for front camera	01
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 (2048926) are subject to change and/or removal.

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