



Technical Service Bulletin

90 Top view camera does not load - no communication

90 17 80 2047730/1 July 31, 2017.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, Q7	2017	All	With front and rear view camera system and two side cameras
A5, Q5	2017 - 2018	All	With front and rear view camera system and two side cameras

Condition

Customer may report that the Top view camera does not load. Only the visual parking aid overlays on the right half of the screen (Figure 1).



Figure 1. Camera image not displayed.

The following DTC is found in the data bus on board diagnostic interface, J533 (address word 0019):

- **DTC U104C00** (Rearview camera system control module, no communication)

Technical Background

Incorrect software.

Production Solution

Not applicable.



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Service

1. Check DTC memory of the system via the diagnostic scan tool with Guided Fault Finding. DTC U104C00 will be stored in the data bus on board diagnostic interface, J533 (address word 0019).
2. Check the identification data of the peripheral camera control module, J928 (address word 006C). If the software part number and software version number show implausible values (Figure 2), replace the peripheral camera control module.

Address: 006C System name: 6C - Rear View Camera System Protocol versions: UDS/ISOTP

ASAM base version:	BV_CamerSysteRearViewUDS
Hardware part number:	4M0907428
Software part number:	9D??????z?
Hardware version number:	H12
Software version number:	,[@!
Build group number:	
Code:	000000
Ability to flash:	Unknown
System name:	(value not available)
ASAM 2D/ODX data set:	#???Q??>???k?^!c%@m??9:
ASAM 2D/ODX data set version:	?)?s
ASAM/ODX control module version being used:	BV_CamerSysteRearViewUDS
Equipment code:	00 00 00 00 00 00 00 00

Figure 2. Invalid software information shown in the identification data for the peripheral camera control module.



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Warranty

Claim Type:	<ul style="list-style-type: none"> • 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:	9084		
Damage Code:	0040		
Labor Operations:	A4, A5, and A5 Cabriolet		
	ECM Top view camera replace	9084 5500	20 TU
	Overhead view camera adjust	9083 1500	50 TU
	Q7		
	ECM Top view camera replace	9084 5550	50 TU
	Overhead view camera adjust	9083 1500	50 TU
	2 Side trim, luggage comp. (rear) remove + reinstall	7003 1900	50 TU
	Q5		
	ECM Top view camera replace	9084 5500	20 TU
	Overhead view camera adjust	9083 1500	20 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	No allowance	0 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 #2047730/1		

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.



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Required Parts and Tools

Part Number	Part Description	Quantity
See ETKA	Peripheral camera control module	01

Additional Information

All parts and service references provided in this TSB (2047730) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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