



Technical Service Bulletin

90 Night vision system is sporadically inop, DTC B11E101 or B11E201 are stored in the cluster or the night vision module

90 23 63 2062065/3 December 18, 2023. Supersedes Technical Service Bulletin Group 90 number 22-54 dated March 23, 2022 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, Q7, and Q8	2019 – 2020	Not Applicable	Not Applicable
e-tron quattro	2019		
A6 allroad, S6, S7, A8 e quattro, S8, e-tron Sportback, SQ7, SQ8, and RS Q8	2020		

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Corrected software filter) Revised <i>Service</i> (Updated SD Creator part numbers and clarified vehicle applicability) Revised <i>Warranty</i> (Updated to reflect new labor operations)
2	03/23/2022	Revised header (Corrected software filter) Revised <i>Service</i> (Added SVM flash service solution) Revised <i>Warranty</i> (updated to reflect SVM service solution) Revised <i>Required Parts and Tools</i> (updated update medium part number)
1	01/29/2021	Initial publication

Customer states:

- The night vision system is sporadically inoperative.
- The message “Night vision system: fault. Please contact service” is displayed in the instrument cluster.
- After cycling the ignition, the functionality is restored.

Workshop findings:

- The wiring between the night vision system and the instrument cluster has been checked and found to be in good condition.



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One or more of the following DTC(s) may be sporadically stored in the instrument cluster control module, J285 (address word 0017) and/or the night vision system control module, J853 (address word 0084):

Instrument cluster control module:

- **DTC B11E101** (Video line for night vision system).

Night vision system control module:

- **DTC B11E201** (Video line 2 for night vision system).

Technical Background

Tolerances in the instrument cluster can cause it to erroneously detect a wiring problem.

Production Solution

Not applicable.

Service

Required equipment:

- ODIS Tester.
- SVM code.
- Instrument Cluster Software update on SD Card (see *Required Parts and Tools* or download the software from MirrorServer using the SD Creator Program).

Time to complete update:

- Approximately 30-60 minutes (includes 20-50 minutes for the software update and 10 minutes for the SVM work).

Service work:

- Make sure that the key is located on the emergency key reader coil for the duration of the update, which is located in the center console either in the front cup holder or on the wireless charging pad / center console storage area (depending on model) and marked by a key symbol.
- Update the Instrument Cluster using either Method 1 or Method 2 according to TSB 2056558: *91 MIB2+ Software Update Instructions* and use SVM code 17A043.

Method 1: Automated update using ODIS.

Method 2: Manual update due to SVM code or Server issues.

Vehicle	SD Creator Part Number	SVM Code
MY 2019 A6/A7/A8 with 0017 SW 0151,0153,0154,0156 or 0157	4N0 906 961 BF	17A043



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MY 2020 A6/A7/A8/Q7/Q8 with 0017 SW 0208, 0209, 0210, 0211, 0213 or 0214	4N0 906 961 BA	17A043
Audi e-tron with 0017 SW 0208, 0209, 0210, 0211, 0212, 0213 or 0214	4N0 906 961 BC	17A043

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 the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	9025		
Damage Code:	0039		
Labor Operations:	Software Update	0151 0060	Time stated on the diagnostic protocol (Max 100 TU)
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2062065/3		

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.

Required Parts and Tools

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.		
Model	Part Number	Amount
MY 2019 A6/A7/A8with 0017 SW 0151,0153,0154,0156 or 0157	4N0 906 961 BF	1
MY 2020 A6/A7/A8/Q7/Q8with 0017 SW 0208, 0209, 0210, 0211, 0213 or 0214	4N0 906 961 BA	1
Audi e-tronwith 0017 SW 0208, 0209, 0210, 0211, 0212, 0213 or 0214	4N0 906 961 BC	1



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Additional Information

All parts and service references provided in this TSB (2062065) are subject to change and/or removal.

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