



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 22 54 2062065/2 March 23, 2022. Supersedes Technical Service Bulletin Group 90 number 21-87 dated January 29, 2021 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron quattro	2019	All	Night Vision Assist
A6, A7, A8, Q7, and Q8	2019 – 2020		
S7, A8 e quattro, S8, e-tron Sportback quattro, SQ7, SQ8, and RSQ8	2020		

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	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.

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:



Technical Service Bulletin

- **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	4N0 906 961 AS	17A043



Technical Service Bulletin

MY 2020 A6/A7/A8/Q7/Q8	4N0 906 961 BA	17A043
Audi e-tron	4N0 906 961 BC	17A043

Warranty

Claim Type:	• 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 (Includes checking for DTCs)	0151 0000	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 2062065/2		

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/A8	4N0 906 961 AS	1



Technical Service Bulletin

MY 2020 A6/A7/A8/Q7/Q8	4N0 906 961 BA	1
Audi e-tron	4N0 906 961 BC	1

Additional Information

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

©2022 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.