



Technical Service Bulletin

94 Tail light warning displayed in the instrument cluster, DTC(s) B16D431, B16D531, B16D631, and/or B16D731 are stored

94 21 42 2063973/1 July 14, 2021.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Audi e-tron quattro, Audi e-tron Sportback	2020	All	Not Applicable
Audi e-tron quattro, Audi e-tron Sportback	2021	000001 - 032100	Not Applicable

Condition

Customer states:

- There is a tail lamp warning displayed in the instrument cluster.
- The turn signal indicator in the instrument cluster may flash rapidly when the turn signal is activated.

Workshop findings:

- Typically the warning can be duplicated,

One or more of the following DTC(s) are stored in the comfort system central control module, J393 (address word 0046):

- **DTC B16D431** (Left tail lamp 1, no signal/open circuit).
- **DTC B16D631** (Right tail lamp 1, no signal/open circuit).
- **DTC B16D531** (Left tail lamp 2, no signal/open circuit).
- **DTC B16D731** (Right tail lamp 2, no signal/open circuit).

Technical Background

The diagnostic software in the tail lamps is too sensitive

Production Solution

Updated software is available for the tail lamps.



Technical Service Bulletin

Service



Applies to vehicles with high-voltage components:

To prevent charging of the high-voltage battery during the software update, the high-voltage cable is to be removed BEFORE entry of the SVM code on vehicles with high-voltage components.

Charging the high-voltage battery during a software update can damage the high-voltage components.

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the tail lamps using the SVM action code as listed in the table below, if necessary:

Module (sub address of 46 module)	Old software and hardware part number	Old software version	New software and hardware part number (or higher)	New software version (or higher)	SVM Code
0625	4KE945423 4KE945423	403	4KE945423B 4KE945423	503	625A003
	4KE945423A 4KE945423A	410	4KE945423C 4KE945423A	510	
070F	4KE945424 4KE945424	403	4KE945424B 4KE945424	503	
	4KE945424A 4KE945424A	410	4KE945424C 4KE945424A	510	
070E	4KE945429B 4KE945429B	403	4KE945429D 4KE945429B	503	
	4KE945429C 4KE945429C	410	4KE945429E 4KE945429C	510	
0710	4KE945430B 4KE945430B	403	4KE945430D 4KE945430B	503	
	4KE945430C	410	4KE945430E	510	



Technical Service Bulletin

	4KE945430C		4KE945430C		
--	------------	--	------------	--	--

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9431		
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 (Included above)	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 #2063973/1		

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.

Required Parts and Tools

Tool Number	Tool Description
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

Additional Information

All part and service references provided in this TSB (2063973) are subject to change and/or removal. 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.



Technical Service Bulletin

©2021 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.