

## Technical Service Bulletin

<b>Topic</b>	93 Charging flap without search illumination
<b>Market area</b>	United States 444 Volkswagen of America, Inc. (6444)
<b>Brand</b>	Audi
<b>Transaction No.</b>	2077496/1
<b>Level</b>	EH
<b>Status</b>	Released for publishing
<b>Release date</b>	Apr 2, 2025

### New customer code

Object of complaint	Complaint type	Position
body attachments and installations -> lids	functionality	
power, vehicle electrical system, data transfer -> battery management -> charging high-voltage battery	functionality -> operation sequence incorrect	
body attachments and installations -> lids -> fuel filler door	component, automotive fluids -> damaged	
power, vehicle electrical system, data transfer -> power supply -> high-voltage battery charging socket -> LED module for charging socket	functionality -> no function	

### New workshop code

Object of complaint	Complaint type	Position
body attachments and installations -> lids -> fuel filler door	component, automotive fluids -> damaged	right
power, vehicle electrical system, data transfer -> power supply -> high-voltage charger control module	control modules, services -> with fault stored in the DTC memory	front
power, vehicle electrical system, data transfer -> power supply -> high-voltage charger control module	control modules, services -> software faulty	front
power, vehicle electrical system, data transfer -> power supply -> high-voltage charger control module	functionality -> no function	front
power, vehicle electrical system, data transfer -> power supply -> high-voltage battery charging socket -> LED module for charging socket	functionality -> no function	
body attachments and installations -> lids -> fuel filler door	component, automotive fluids -> damaged	left

## Vehicle data

### Audi e-tron

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
GEG*	2024	A		*	*	*

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
GET*	2024	A		*	*	*

#### PR numbers

PR numbers
?:with JS0

#### Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
00C6 - High-voltage battery charger	*9J1*.915.684.N*	3115	*9J1*.915.684.B*	H42
00C6 - High-voltage battery charger	*9J1*.915.684.N*	3115	*9J1*.915.684.N*	H42
00C6 - High-voltage battery charger	*9J1*.915.684.B*	3112	*9J1*.915.684.B*	H42

## Documents

Document name
<a href="#">master.xml</a>

## Condition

### Customer states:

The search illumination in the charging flap module does not work.

### Workshop findings:

The search illumination in the charging flap module does not work if the vehicle is only equipped with one charge flap module as standard.

The following DTC or DTCs may be logged in *the high-voltage battery charger -J1050-*, (address word 00C6):

- **DTC P33E400:** Charging socket B communication fault.
- **DTC B1A88F3:** Charge door 2 LIN actuator communication malfunction.

## Technical Background

The search illumination in the charging flap module aims to help the customer correctly plug in the charging connector in dark conditions. A second charging flap module can be ordered as optional equipment on the Q8 e-tron.

If the vehicle is only equipped with a single charging flap module, the orientation light does not work. An issue in the OBC software means that the orientation light LED is not activated when the vehicle is equipped with only one charging flap module.

If both charging flap modules are fitted (left and right), the lighting is active, and functions as intended.



**Figure 1.** Vehicle with functioning search illumination in the charging flap module.



**Figure 2.** Vehicle with non-functioning search illumination in the charging flap module.

## Production Solution

Optimized software introduced in current series production as of week 36/2024.

## Service

This TSB replaces Pending Service Solution (PSS) TSB 2073481: 93 PSS Q8 e-tron: Charging flap module without search illumination; P33E300; B1A8AF3.

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 the 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.



**Always use DoIP when flashing a control module via ODIS in supported vehicles.**

**Activate DoIP, select Administration>>General>>GFF Process>>DoIP communication>>Only allow DoIP communication.**

**This setting will automatically reset when the diagnostic session has ended. You can tell if DoIP is active by observing a red LED on the VAS 6154(A).**

Follow all instructions in TSB 2011732: 00 Software Version Management (SVM), operating instructions.

Update the high-voltage battery charger -J1050- (00C6) using the SVM action code as listed in the table below, if necessary:

**NOTE:** This **MUST** be done in 2 stages:

For stage 1: The SVM code required is **C6A015**

Follow the instructions on the tester.

**Now perform a terminal 15 reset for at least 2 minutes.**

For stage 2: The SVM code required is **C6B015**

Follow the instruction on the tester



**If event memory entry P31E200 is logged as static in diagnostic address 00C6, proceed as follows:**

**Charge the vehicle using AC power for 2 minutes. The event memory entry is then logged as intermittent and must be erased.**

We recommend that you ALWAYS use a USB cable to connect the ODIS tester to the diagnostic connection for flashing procedures.

If available, we recommend using VAS 6154 or VSS 6154A to update control units, as these units are very well protected against electrostatic discharge.

## Warranty

<b>Claim Type:</b>	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	5537		
<b>Damage Code:</b>	0055		
<b>Labor Operations:</b>	Software update	0151 0010	See SRT with associated

			operations
	Software update	0151 0060	Time stated on the diagnostic protocol
<b>Claim Comment:</b>	As per TSB 2077496/1		

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.

## Additional Information

All part and service references provided in this TSB (**2077496**) 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.

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