

Technical Service Bulletin

Topic	91 Red emergency call LED with DTCs stored for Antenna/Aerial B18BD11, B18BE11, B18BF11, B1A6711, B18CD11, B18CE11
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2077086/1
Level	EH
Status	Released for publishing
Release date	Mar 4, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0075 - Emergency call module and communication unit	B18BF11: Mobile communications antenna 3 for emergency call module and communications unit Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B1A6711: Mobile communications antenna 4 for emergency call module and communications unit Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B18CD11: Antenna for internal vehicle communication Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B18CE11: Antenna 2 for internal vehicle communication Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B1BE711: Antenna 3 for internal vehicle communication Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B1A9911: Bluetooth antenna, low energy Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B1BE611: Bluetooth antenna 2, low energy Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B18BD11: Mobile communications antenna 1 for emergency call module and communications unit Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B18BE11: Mobile communications antenna 2 for emergency call module and communications unit Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B18BF11: Mobile communications antenna 3 for emergency call module and communications unit Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B1A6711: Mobile communications antenna 4 for emergency call module and communications unit Short		Intermittent

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
unit	circuit to Ground (GND)		
0075 - Emergency call module and communication unit	B18CD11: Antenna for internal vehicle communication Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B18CE11: Antenna 2 for internal vehicle communication Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B1BE711: Antenna 3 for internal vehicle communication Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B1A9911: Bluetooth antenna, low energy Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B1BE611: Bluetooth antenna 2, low energy Short circuit to Ground (GND)		Intermittent
0075 - Emergency call module and communication unit	B18BD11: Mobile communications antenna 1 for emergency call module and communications unit Short circuit to Ground (GND)		static
0075 - Emergency call module and communication unit	B18BE11: Mobile communications antenna 2 for emergency call module and communications unit Short circuit to Ground (GND)		static

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> Online Services -> automatic emergency call -> automatic online emergency call	functionality -> no function	
information, navigation, communication, entertainment -> Online Services -> automatic emergency call -> automatic online emergency call	functionality -> partially out of order	
information, navigation, communication, entertainment -> Online Services -> automatic emergency call -> automatic online emergency call	functionality -> operation sequence incorrect	
information, navigation, communication, entertainment -> Online Services -> automatic emergency call -> automatic online emergency call	functionality -> gives incorrect reading	
information, navigation, communication, entertainment -> Online Services -> automatic emergency call -> automatic online emergency call	control modules, services -> error message	
information, navigation, communication, entertainment -> Online Services -> manual emergency call -> manual online emergency call	functionality -> no function	
information, navigation, communication, entertainment -> Online Services -> manual emergency call -> manual online emergency call	functionality -> partially out of order	
information, navigation, communication, entertainment -> Online Services -> manual emergency call -> manual online emergency call	functionality -> operation sequence incorrect	
information, navigation, communication, entertainment -> Online Services -> manual emergency call -> manual online emergency call	functionality -> gives incorrect reading	
information, navigation, communication, entertainment -> Online Services -> manual emergency call -> manual online emergency call	control modules, services -> error message	

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> interference display for emergency call service	functionality -> activates	
information, navigation, communication, entertainment -> malfunction display symbols -> interference display for emergency call service	functionality -> activates without cause	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	functionality -> no function	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	functionality -> misfire	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	functionality -> does not start	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	functionality -> cannot be activated	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	functionality -> range too small	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	control modules, services -> communication malfunction	
information, navigation, communication, entertainment -> telephone operation -> Bluetooth connection	control modules, services -> communication interrupted	

New workshop code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> Telematics, online services -> Telematics control module / online services	control modules, services -> with fault stored in the DTC memory	front
information, navigation, communication, entertainment -> Telematics, online services -> Telematics control module / online services	control modules, services -> with fault stored in the DTC memory	right front
information, navigation, communication, entertainment -> Telematics, online services -> Telematics control module / online services	control modules, services -> with fault stored in the DTC memory	right rear
information, navigation, communication, entertainment -> Telematics, online services -> Telematics control module / online services	control modules, services -> with fault stored in the DTC memory	left rear

Vehicle data

Audi Q6 e-tron

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
GF*	2025	A		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
*	*	*	*	*	*	000000	999999	Dec 12, 2024	Jan 21, 2025

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0075 - Emergency call module and communication unit	*85C*.035.282.E*	*	*	*
0075 - Emergency call module and communication unit	*85B*.035.282.E*	*	*	*
0075 - Emergency call module and communication unit	*85C*.035.283.H*	*	*	*
0075 - Emergency call module and communication unit	*85F*.035.284.AD	*	*	*
0075 - Emergency call module and communication unit	*85H*.035.283.AC	*	*	*
0075 - Emergency call module and communication unit	*85H*.035.283.AD	*	*	*
0075 - Emergency call module and communication unit	*85H*.035.283.D*	*	*	*

Documents

Document name
master.xml



Connection offline

Technical Service Bulletin

Transaction No.: **2077086/1**

91 Red emergency call LED with DTCs stored for Antenna/Aerial B18BD11, B18BE11, B18BF11, B1A6711, B18CD11, B18CE11

Release date: Mar 4, 2025

Condition

Customer states:

The vehicle may have one of the following issues:

- Warning message about emergency call fault in instrument cluster.
- Red emergency call LED in roof module.
- Online services not available.
- Wi-Fi function can only be used with restrictions.
- Bluetooth functionality restricted.

Workshop findings:

One of the following DTCs are logged in the Emergency call module control unit and communication unit, J949 (diagnostic address: 0075) as static or intermittent:

- **DTC B18BD11:** Mobile communications antenna 1 for emergency call module and communications unit - short circuit to ground
- **DTC B18BE11:** Mobile communications antenna 2 for emergency call module and communications unit - short circuit to ground
- **DTC B18BF11:** Mobile communications antenna 3 for emergency call module and communications unit - short circuit to ground
- **DTC B1A6711:** Mobile communications antenna 4 for emergency call module and communications unit - short circuit to ground
- **DTC B18CD11:** Vehicle Interior Communication Antenna - short circuit to ground
- **DTC B18CE11:** Vehicle Interior Communication Antenna 2- short circuit to ground
- **DTC B1BE711:** Vehicle Interior Communication Antenna 3- short circuit to ground
- **DTC B1A9911:** Bluetooth antenna, low energy - short circuit to ground
- **DTC B1BE611:** Bluetooth antenna 2, low energy - short circuit to ground

Technical Background

A hardware fault may result in the control unit causing a short circuit at the aerial input in particular circumstances.

Production Solution

All control units manufactured since CW 05/2025 have been checked and have no functional issues.

Service

Emergency call module control unit and communication unit J949 (diagnostic address 0075) must be replaced if one of the event memory entries listed above is logged.

Use the established process via ETKA for this.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9145		
Damage Code:	0010		
Labor Operations:	Remove and install/replace telematics control unit	9170 19xx / 9170 55xx	See SRT with associated operations
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2077086/1		

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 (**2077086**) 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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