

Technical Service Bulletin

Topic	91 Various Ghost Fault entries in diagnostic address 005F - Sound system B18E613, B18E511, B18E413; B18E312
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2076829/1
Level	EH
Status	Released for publishing
Release date	Feb 10, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
005F - Information electronics 1	B18E312: Speaker channel 5 Short circuit to B+		Intermittent
005F - Information electronics 1	B18E3F2: Speaker channel 5 Short circuit to each other		Intermittent
005F - Information electronics 1	B18E413: Speaker channel 6 Open circuit		Intermittent
005F - Information electronics 1	B18E411: Speaker channel 6 Short circuit to Ground (GND)		Intermittent
005F - Information electronics 1	B18E311: Speaker channel 5 Short circuit to Ground (GND)		Intermittent
005F - Information electronics 1	B18E412: Speaker channel 6 Short circuit to B+		Intermittent
005F - Information electronics 1	B18E4F2: Speaker channel 6 Short circuit to each other		Intermittent
005F - Information electronics 1	B18E513: Speaker channel 7 Open circuit		Intermittent
005F - Information electronics 1	B18E511: Speaker channel 7 Short circuit to Ground (GND)		Intermittent
005F - Information electronics 1	B18E512: Speaker channel 7 Short circuit to B+		Intermittent
005F - Information electronics 1	B18E5F2: Speaker channel 7 Short circuit to each other		Intermittent
005F - Information electronics 1	B18E613: Speaker channel 8 Open circuit		Intermittent
005F - Information electronics 1	B18E611: Speaker channel 8 Short circuit to Ground (GND)		Intermittent
005F - Information electronics 1	B18E612: Speaker channel 8 Short circuit to B+		Intermittent
005F - Information electronics 1	B18E6F2: Speaker channel 8 Short circuit to each other		Intermittent

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> audio playback, audio settings -> digital sound processing (DSP)	functionality -> no function	
information, navigation, communication, entertainment -> audio, video, television	control modules, services	
information, navigation, communication, entertainment -> audio playback, audio settings	control modules, services	

Vehicle data

AUDI Q6

Sales types

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

PR numbers

PR numbers
?:with 9VD
?:or ?:with 9VS

Documents

Document name
master.xml
tpi_vorlage_pico.docx



Connection offline

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Condition

Customer states:

There is no customer complaint.

Workshop findings:

The following DTCs are logged (Intermittent) in the Information Electronics 1 -J794- (address word: 005F), depending on the sound equipment level:

- **B18E311:** Speaker channel 5 Short circuit to Ground (GND).
- **B18E312:** Speaker channel 5 Short circuit to B+.
- **B18E3F2:** Speaker channel 5 Short circuit to each other.
- **B18E413:** Speaker channel 6 Open circuit.
- **B18E411:** Speaker channel 6 Short circuit to Ground (GND).
- **B18E412:** Speaker channel 6 Short circuit to B+.
- **B18E4F2:** Speaker channel 6 Short circuit to each other.
- **B18E513:** Speaker channel 7 Open circuit.
- **B18E511:** Speaker channel 7 Short circuit to Ground (GND).
- **B18E512:** Speaker channel 7 Short circuit to B+.
- **B18E5F2:** Speaker channel 7 Short circuit to each other.
- **B18E613:** Speaker channel 8 Open circuit.
- **B18E611:** Speaker channel 8 Short circuit to Ground (GND).
- **B18E612:** Speaker channel 8 Short circuit to B+.
- **B18E6F2:** Speaker channel 8 Short circuit to each other.

Technical Background

Permission to ignore the above event memory entries.

Production Solution

Week 48/24.

Service

Please note the information shown in ODIS regarding the event memory entries listed above. You are permitted to ignore these entries during Guided Fault Finding. No repair needs to be carried out for these event memory entries, if there is no customer complaint.



If there is a customer complaint regarding sound output from the loudspeakers, this TSB does not apply, and the vehicle must be repaired following Guided Fault Finding.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9140		
Damage Code:	0039		
Labor Operations:	GFF / Guided Functions	0150 0010	See SRT with associated operations
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2076829/1		

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 (**2076829**) 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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