

Technical Service Bulletin

Topic	90 Warning message about high-voltage electrical system; U014600, U112100, U041200
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2078039/1
Level	EH
Status	Released for publishing
Release date	May 22, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
008C - Hybrid battery management	U014600: Lost Communication With Serial Data Gateway Module "A"		Intermittent
00C5 - Thermal management	U014600: Lost Communication With Serial Data Gateway Module "A"		Intermittent
8133 - Low-voltage power distribution 1	U112100: Data bus missing message		Intermittent
812C - Drive and chassis main control module	U014600: Lost Communication With Serial Data Gateway Module "A"		Intermittent
0044 - Power steering	U112100: Data bus missing message		Intermittent
0019 - Data Bus OBD Interface	U041200: Invalid Data Received From Battery Energy Control Module "A"		Intermittent
0017 - Instrument cluster	U112100: Data bus missing message		Intermittent

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> vehicle electrical system malfunction indicator	functionality -> activates	
engine -> engine operation -> electro-drive mode	functionality -> no function	
information, navigation, communication, entertainment -> malfunction display symbols -> fault display for electric motor	functionality -> activates	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> text display -> message: hybrid drive system malfunction	functionality -> activates	

New workshop code

Object of complaint	Complaint type	Position
engine -> electric motor drive -> electro-drive motor	control modules, services -> measured value too high	front
engine -> electric motor drive -> power and control electronics for electro-drive -> control module for electric drive motor	control modules, services -> software faulty	front

Object of complaint	Complaint type	Position
power, vehicle electrical system, data transfer -> power supply -> starter battery	functionality -> no function	

Vehicle data

Q6

Sales types

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

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0019 - Data Bus OBD Interface	*85F*.907.468.E*	0033	*	*
0019 - Data Bus OBD Interface	*85F*.907.468.F*	0043	*	*
0019 - Data Bus OBD Interface	*85C*.907.468.E*	0033	*	*
0019 - Data Bus OBD Interface	*85C*.907.468.F*	0043	*	*

Documents

Document name
master.xml

Condition

Customer states:

At the start of a trip, the warning “High-voltage electrical system: fault. Please contact workshop” (Figure 1) appears in the instrument cluster. The drive system is not activated. The remaining range is displayed as 0 miles.

- The concern is sporadic. After switching off the ignition and waiting for several minutes (bus sleep), the concern is remedied.



Figure 1. The above message appears at the start of the trip in the instrument cluster.

Workshop findings:

Corresponding DTCs are stored (passive/intermittent) in several control units at the time when the fault occurred.

Module address	Module description	DTC description
008C	Hybrid battery management	U014600 Lost communication with Serial Data Gateway Module "A"
00C5	Thermal Management	U014600 : Lost communication with Serial Data Gateway Module "A"
8133	Low-voltage power distribution 1	U112100 : Databus missing message
812C	Drive and chassis main control module	U014600 : Lost communication with Serial Data Gateway Module "A"
0044	Power steering	U112100 : Databus missing message
0019	Data bus OBD interface	U041200 : Invalid Data Received From Battery Energy Control Module "A"
0017	Instrument cluster	U112100 Data bus missing message



If the complaint is active during the workshop visit, the drive system can be activated by performing a bus sleep cycle. A bus sleep cycle can be achieved by locking the vehicle, and then waiting for five minutes, for example.

Technical Background

Software issue.

Production Solution

Optimized software from week 12/2025

Service



This TSB replaces **PSS 2076787: 90 PSS Warning message about high-voltage electrical system; U014600, U112100, U041200.**

To permanently rectify the fault, please perform the software update described in TSB 2077960: *00 Combined software update 03.01.00/C (28.11.01) KD1**.*

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9035		
Damage Code:	0039		
Labor Operations:	Software update flat rate incl. bus sleep cycle, adaptation drives and additional work	0151 0040	50 TU
	Charge battery	2706 8950	See SRT with associated operations
Claim Comment:	As per TSB 2078039/1		

Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2077960: *00 Combined software update 03.01.00/C (28.11.01) KD1***

All part and service references provided in this TSB (**2078039**) 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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