

Technical Service Bulletin

Topic	90 Gateway software update: yellow battery warning lamp + P0A1F00
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2078806/1
Level	EH
Status	Released for publishing
Release date	Aug 1, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0019 - Data Bus OBD Interface	P0A1F00: Battery Energy Control Module "A" Performance		static

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> information display symbols -> battery charge level information display	functionality -> activates	
information, navigation, communication, entertainment -> warning display symbols -> generator control warning display	functionality -> activates	
information, navigation, communication, entertainment -> malfunction display symbols -> exterior lighting malfunction indicator	functionality -> activates	

New workshop code

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

Vehicle data

MLB evo ab KW48/2023 (ohne China CKD)

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4A*	2024	A		*	*	*
4K*	2024	A		*	*	*
4M*	2024	A		*	*	*
4N*	2024	A		*	*	*
8W*	2024	A		*	*	*

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
F5*	2024	A		*	*	*
F8*	2024	A		*	*	*
FY*	2024	A		*	*	*
GE*	2024	A		*	*	*

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
0019 - Data Bus OBD Interface	*	3039	*	H06
0019 - Data Bus OBD Interface	*	0043	*	H06
0019 - Data Bus OBD Interface	*	0025	*	H06
0019 - Data Bus OBD Interface	*	0027	*	H06
0019 - Data Bus OBD Interface	*	0051	*	H06
0019 - Data Bus OBD Interface	*	0042	*	H06

Documents

Document name
master.xml

Condition

Customer states:

The customer complains that there is a yellow warning lamp in the instrument cluster (Figure 1) with a message about a battery management fault (12V system).



Figure 1. Yellow warning lamp.

The warning lamp disappears after switching the ignition off and then on again but may appear again.

Workshop findings:

The following DTC may be logged in data bus diagnostic interface J533 (DA00019):

- **P0A1F00:** Battery Energy Control Module Malfunction

Technical Background

Software issue in diagnostic interface control unit (DA0019).

Production Solution

Production change is scheduled for Q3/2025.

Service

This TSB replaces PSS 2076606: *90 PSS Yellow Battery Warning Lamp + P0A1F00*.

Software update to SW 0052 for the diagnostic interface control unit (DA0019):

Applies to vehicles with high-voltage components:



WARNING

Applies to vehicles with high-voltage components:

- To prevent the high-voltage battery from charging during the following software update, the high voltage charging cable on vehicles with high-voltage components must be unplugged **BEFORE** the SVM code is entered.
- Please note that charging the high-voltage battery during a software update can cause damage to the high-voltage components.

Please update the data bus diagnostic interface J533 (diagnostic address 0019) via SVM. To enter the SVM code, use “Flash” mode on the ODIS tester.

Use the function “**SVM - Authorized Multiple Code Entry**”. The new test program for software updates is included in ODIS software.



NOTICE

The vehicle uses acoustic signals and flashing lights to indicate when user input is required during and at the end of the test program.

Use the function “**SVM – Multiple authorised code inputs**” in “Flash” mode.

CAUTION: the following SVM code must be input exactly as written below (incl. commas and without spaces; copying and pasting is recommended):

ZGDOIP,19A027,19B027

Follow the instructions on the ODIS tester.

After the update has been completed, it is absolutely necessary to unplug the diagnostic connector and the charger from the vehicle.

Then start the engine/motor and let it run for a few minutes, then lock the vehicle and wait for five minutes.

Once you have done this, you can finish the diagnostic procedure via ODIS so that the event memory entry created during the flashing procedure can be deleted.

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	0151 0010	See SRT with associated operations.
	Software update	0151 0060	Labor according to the diagnostic log
	Check vehicle (bus sleep mode)	0689 0199	10 TU
Claim Comment:	As per TSB 2078806/1		

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

The software must be updated on a control unit in this vehicle, or the software must be updated on several control units in this vehicle to ensure they function correctly in conjunction with the other control units in the vehicle. Please inform the customer about the software update in question and ask whether they or other third parties have modified the software (e.g. tuning or retrofitting involving modifications to the vehicle’s software). Please inform the customer that this software update may neutralize previous modifications to the vehicle’s software performed either by the customer or other third parties.

If the customer declines the software update, please inform them that this could lead to issues or restrictions with the use of the vehicle or individual components.

Make a note to this effect on the order before it is signed by the customer. Include this information in the customer file.

All part and service references provided in this TSB (**20788806**) 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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