Technical Service Bulletin Transaction No.: **2079911/4**

01 MIL on, DTC P050600 with Symptom 4008 stored in ECM V6 TFSI Release date: Sep 25, 2026

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
S5 (FU), SQ5, and SQ5 Sportback (GU)	2025	All	V6 TFSI

REVISION HISTORY		
Revision	**Date**	**Purpose**
4	-	Revised header (Updated control unit numbers) Revised *Condition* (Updated verbiage) Revised *Technical Background* (Updated verbiage) Revised *Warranty* (Updated labor operations)
3	12/19/2025	Revised *Warranty* (Updated Labor Operations)
2	12/08/2025	Revised header (Added software)

Customer statement:

- The exhaust emissions warning lamp lights up in the instrument cluster after starting the engine. The engine speed may be noticeably low in isolated cases.

Or

- There is no customer complaint and the event memory entry specified in the workshop findings is found in the engine control unit in connection with a different complaint.

Workshop findings:

The following event memory entry and symptom are logged in the engine control unit:

- **P050600** Idle speed control, RPM below spec. value, symptom 4008 – static/intermittent

Technical Background

Software issue in the engine control unit (diagnostic address 0001) and in the main control unit for drive system and running gear systems (HCP1, diagnostic address 812C)

When starting the engine while the 48V battery's charge level is low (SOC <28%) and while the 12V battery's voltage is low (<12.0V) the charging strategy of the belt-driven starter-alternator may result in event memory entry P050600 being triggered.

Production Solution

Not applicable.

Service

The complaint is solved with the target combined software version 03.10.00/C [KD2]. This combined software package has already been rolled out.

Please note that the KD package may therefore have been superseded by a subsequent combined software update.

All information about the current schedule and availability of the measure can be found in the central service information 2081477.

Please also note any changes in the warranty accounting instructions.

Warranty

The TSB number must always be noted in the “HST number” field in SAGA for ease of processing.

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2470		
Damage Code:	KD2		
Labor Operations:	Please refer to central service information 2081477	Work for a combined software update	Please refer to central service information 2081477
Claim Comment:	As per TSB 2079911/4		

Please note the information on predecessors and items that are included and excluded in the repair operations, as well as any associated tasks.

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 complaint does not occur during normal vehicle operation. Generally, a low charge level occurs during extended stationary periods during the transportation process or while the vehicle is at the workshop.

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 neutralise 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.

It is also possible to reset individual user settings for the assist systems to the default settings. These settings can be adjusted individually by the vehicle users themselves after the software update.

All part and service references provided in this TSB (**2079911**) 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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