



Technical Service Bulletin

27 Power supply: Starter Generator mechanical fault P2BA300 - 4.0L

27 25 85 2075177/3 January 13, 2025. Supersedes Technical Service Bulletin Group 27 number 24-81 dated October 30, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2019 – 2021	All	Belt-driven starter alternator
S8, and RS Q8	2020 – 2022		
RS 6 Avant, and RS 7	2021 -2022		

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Service</i> (Updated verbiage in repair instructions)
2	10/30/2024	Revised title (Removed service info, updated information) Revised header (Added additional engine codes) Revised <i>Service</i> (Added repair instructions) Revised <i>Warranty</i> (Added warranty table and instructions)
1	09/10/2024	Initial publication

Customer states:

- Noise (squeaking) when starting the engine.
- When using the Start/Stop feature, the engine restart fails to start the engine. After a short while the vehicle can be started again.

Workshop findings:

The following DTC and symptom code is logged in the Engine Electronics control unit -J623- (diagnostic address 0001):

- DTC P2BA300:** Generator Mechanical Performance - **Symptom: 34766.**

Technical Background 1

Analyses up until this point have shown that the belt-driven starter-generator does not need to be replaced when this customer complaint occurs and the DTC above is logged, as no irregularities were found on the analyzed components.



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In the case of noise complaints (squeaking when starting the engine), the cause of the noise should be sought in the belt/belt tensioner.

Production Solution

Not applicable.

Service

Please do not attempt repairs by replacing belt-driven starter-generator.

Inspect the area of the drive/belt tensioner damper and replace if necessary.

Warranty

Replacing the belt-driven starter-generator does not fix the concern and cannot be billed under warranty.

If the *belt tensioner damper* needs to be replaced, use the billing information as follows:

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1373		
Damage Code:	0010		
Labor Operations:	Remove and install belt tensioning damper	1373 19xx	See SRT with associated operations
	Charge Battery	2706 8950	See SRT with associated operations
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2075177/3		

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 (**2075177**) 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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