



Technical Service Bulletin

93 A7/Q5 PHEV Gearbox: drive system fault displayed in instrument cluster (P0A4000)

93 24 01 2074662/1 July 31, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5 e quattro	2022 – 2024	All	Not Applicable
A7 e quattro	2022		

Customer states:

- A drive system fault is displayed in the instrument cluster.

and/or

- The vehicle cannot be started.

Workshop findings:

The following event memory entry is logged in electric drive control unit J841 (diagnostic address 0051):

- **P0A4000:** Drive Motor "A" Position Sensor Circuit Range/Performance Implausible signal symptom 50954.

Technical Background 1

Deviation from normal condition.

Production Solution

Not applicable.

Service

- Only applies to A7 TFSIe: First check whether the existing TSB 2066596 has been performed. If this is not the case, TSB 2066596 must be completed.

If TSB 2066596 has already been completed, proceed according to the following instruction:

- **If no other causes can be detected, replace drive motor rotor position sender 1 G713 (rotor position sensor) according to Workshop Manual.**



Please work with great care when installing the rotor position sensor so that the sensitive wires on the gearbox housing are positioned correctly.



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Figure 1. Wire not fitted correctly



Figure 2. Installation according to Workshop Manual

Try to reproduce the customer complaint (based on the description/cause of the issue), so that it can be clearly assigned to this TSB. The following repair must only be carried out if all the criteria (model/type, chassis number, engine/motor and gearbox code, PR number(s), part number, software version, code etc.) apply exactly. Otherwise, this solution will not eliminate



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the problem, and repeat repairs may be necessary. In such a case, we may reject the warranty claim and charge back the cost of the parts.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9344		
Damage Code:	0040		
Labor Operations:	Remove and install rotor position sensor	9344 1950	See SRT with associated operations
Diagnostic Time:	GFF	0150 0060	Time stated on the diagnostic protocol
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2074662/1		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See ETKA	Rotor position sender 1	01

Additional Information

All parts and service references provided in this TSB (**2074662**) are subject to change and/or removal.

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