

Technical Service Bulletin

37 Gearbox malfunction warning, DTC P0A2B00 is stored in the electric drive control module

37 21 03 2063622/1 June 23, 2021.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5 PHEV	2020 - 2021	All	PHEV
A7 PHEV	2021	All	PHEV

Condition

Customer states:

- The gearbox malfunction warning message is displayed in the instrument cluster.

Workshop findings:

The following DTC may be stored electric drive control module, J841 (address word 0051):

- DTC P0A2B00** (Drive Motor "A" Temperature Sensor Circuit Range/Performance) with symptom code 50983.

Technical Background

Not applicable.

Production Solution

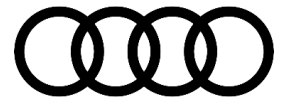
Not applicable.

Service

Scenario: **A.** If the above conditions apply and at least one control module can be updated according to the SVM tables below then continue with this TSB

B. If the software of both control modules is already at the latest level or if the installed software of both control modules is not in the SVM tables below, this TSB does not apply and you should perform the following:

- Perform the appropriate ODIS test plans for the DTC completely.
- Open an Audi Technical Assistance Center (TAC) case with your diagnosis information attached or uploaded to GFF paperless.
- Contact the Audi Technical Assistance Center (TAC) for assistance.



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SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*
2. Update the Transmission Control Module (TCM), J217 and/or the Hybrid Battery Management module, J840 using the SVM action codes as listed in the table below.
3. For this SVM update, two SVM action codes might have to be performed following the tables below.

Transmission Control Module SVM Table						
Model	Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input #1
Q5 TFSI e (PHEV, Hybrid)	0DK	80A927156D	0002	80A927156D	0003	02A220
A7 TFSI e (PHEV, Hybrid)	0DK	4K0927156D	0001	4K0927156D	0002	

Hybrid Battery Management module SVM Table					
Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input #2
Q5 TFSI e A7 TFSI e (PHEV, Hybrid)	80A907080A	0008 or 0009	80A907080B	0102	51A003

4. After the SVM update, clear faults and test drive to ensure proper operation.



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Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3730		
Damage Code:	0041		
Labor Operations:	Software update	0151 0000	Time stated on diagnostic protocol (Max 110 TU)
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2063622/1		

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

All part and service references provided in this TSB (2063622) 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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