



Technical Service Bulletin

93 MIL on, DTC P0E9700 is stored in the electric drive power and control electronics

93 21 54 2063043/1 August 30, 2021.

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

Condition

Customer states:

- MIL on.

Workshop findings:

The following DTC may be sporadically stored in the electric drive power and control electronics, J841 (address word 0051):

- **DTC P0E9700** (DC/DC Converter Voltage Sensor "C" Circuit Range/Performance) with symptom code 45146 (Figure 1).

DTC memory entry

Number:	P0E9700: DC/DC Converter Voltage Sensor "C" Circuit Range/Performance
Error type 2:	passive/sporadic
Symptom:	45146
Status:	00100110

Figure 1. DTC code with Error type 2 and symptom code.

Technical Background

Not applicable.

Production Solution

Not applicable.



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Service

If the concern matches the conditions above, the software of the electric drive power and control electronics, J841 (address word 0051) can be updated per the instructions below.



Note:

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

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the electric drive power and control electronics, J841 (address word 0051) using the SVM action code as listed in the table below, if necessary:

Model	Engine and/Transmission	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Code Input
A7	DLGA/0DK	80A907080A	0009	80A907080B	0102	51A003
Q5	DLGA/0DK	80A907080A	0009	80A907080B	0102	51A003

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9350		
Damage Code:	0040		
Labor Operations:	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)



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Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
Claim Comment:	As per TSB # 2062034/1		

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 following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (2062034) 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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