



# 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.



# Technical Service Bulletin

## 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/ODK	80A907080A	0009	80A907080B	0102	51A003
Q5	DLGA/ODK	80A907080A	0009	80A907080B	0102	51A003

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	9350		
<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)



# Technical Service Bulletin

---

<b>Diagnostic Time:</b>	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
<b>Claim Comment:</b>	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.

©2021 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.