

Technical Service Bulletin



93 Problems charging at home

93 23 15 2057353/6 June 13, 2023. Supersedes Technical Service Bulletin Group 93 number 20-33 dated September 4, 2020, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron quattro	2019	All	Not Applicable
A8 e quattro, Q5 e quattro, and e-tron Sportback quattro	2020		

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised <i>Warranty</i> (Updated Labor Operations)
5	09/04/2020	Revised title Revised <i>Condition</i> (Removed statements that are no longer applicable) Revised <i>Technical Background</i> (Removed statements that are no longer applicable) Revised <i>Service</i> (Updated Step 3 and removed Step 7)
4	05/04/2020	Revised header (Added A8 and Q5 TFSI e) Revised <i>Condition</i> (Added A8 and Q5 TFSI e) Revised <i>Technical Background</i> (Added A8 and Q5 TFSI e) Revised <i>Service</i> (Added A8 and Q5 TFSI e)

Customer states:

- The Audi mobile charger (compact charger) shows red indicator lights.

Workshop findings:

- Vehicle charges at the dealership, using customer mobile charger 120V (level 1) and 240V (level 2) charging.

Technical Background

Audi compact charger (E943) – Audi e-tron quattro, A8 TFSI e, and Q5 TFSI e:

- 208V network usually in industrial areas or condos. Audi mobile charger is not accepting the 208V nominal input.
- 240V network with low input voltage (less than 230V).



Production Solution

Updated Audi mobile charger software and updated onboard charger (OBC) software.

Service

1. OBC function has been confirmed via level 2 charging (AC), using the dealer-installed charger (B).
2. Audi mobile charger function has been confirmed, by connecting and activation to a 120V or 240V supply (A).
3. Update the Audi mobile charger via the SVM code.

SVM Update Instructions

4. Follow all instructions in *TSB 2011732: 00 Software Version Management (SVM), operating instructions*, and for the mobile charger update go to:
 - *Audi Service Net >> e-tron >> Information on the e-tron charging system.*
5. Update Audi mobile charger E943 using the SVM action code as listed in the table below, if necessary after following the instructions for setting up.
Set up using VAS 611 009.

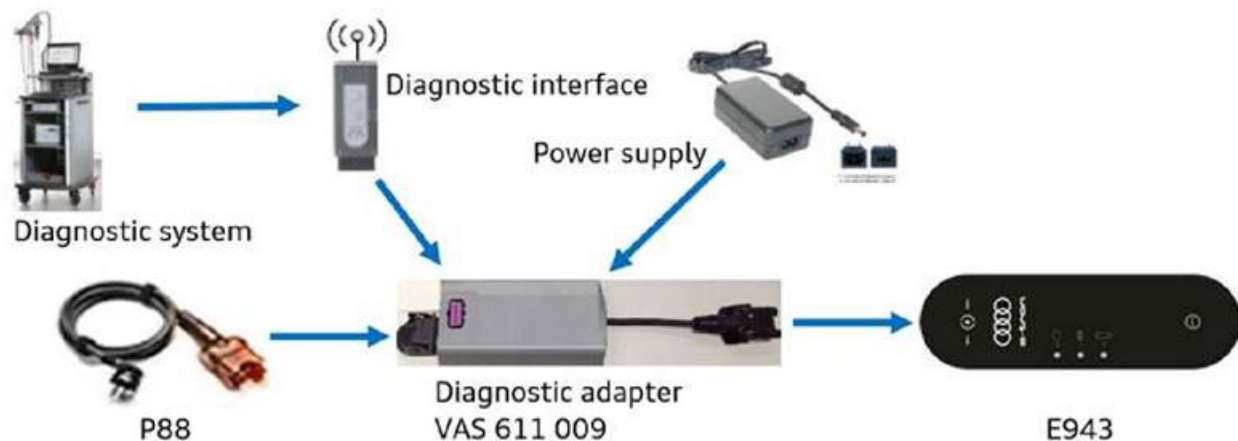


Figure 1. VAS 611 009.



6. For entering the VIN use:
AUDILADEKABELMINI
 Model selection: **All external components.**

Figure 2. Entering the VIN into ODIS.

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
Audi e-tron quattro, A8 TFSI e, and Q5 TFSI e	N/A	0127	N/A	0128	ULKA001

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.
Service Number:	9352



Damage Code:	0039		
Labor Operations:	Software Update	0151 0000	Time stated on the diagnostic protocol (Max 30 TU)
	Check charging system	9352 1999	20 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2057353/6		

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

Tool Number	Tool Description
VAS 611 009	Adapter
VAS 6160/VAS 6150	VAS tester with current version of ODIS (Windows 10)

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 parts and service references provided in this TSB (**2057353**) 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.

©2023 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.