



# Technical Bulletin

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Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
e-Golf	2015	All	All	AU_FW900001	AU_FW910916

## Condition

**93 15 01** April 30, 2015 **2040470**

### **High Voltage Battery Not Charging as Expected for Departure Time Set With Car-Net™ (U.S. Only)**

The high voltage battery may not charge as expected when a departure time has been set using the Car-Net™ app or web portal.

## Technical Background

This procedure corrects the concern listed above by updating the parameters of the high voltage battery charging voltage control module J966. The software level of the module is not changed during the update.

## Production Solution

Improved parameters in production as of CW16/2015.

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## Service

### Note:

**This software update procedure may only be claimed once per applicable VIN. Additional software update attempts will not be covered.**

### Software Update Procedure

### Note:

Prior to launching VAS Diagnostic Device application and starting control module update process, confirm tester screen saver and power settings in accordance with Special Tools and Equipment - Service Information Circular # VSE-08-18. Failure to do so may result in the tester entering power save mode during data transfer, and subsequent control module failure.

When using any tester in conjunction with a VAS 5054A wireless transmitter head for a flash procedure, please connect a USB cable between the transmitter head and the tester. Failure to do so may lead to errors during the flash procedure. **Also, ensure that the tester is not communicating via Bluetooth as the Bluetooth protocol is not a robust data transfer environment for the flash process. Control module failures caused by flashing via Bluetooth will not be covered.**

### Note:

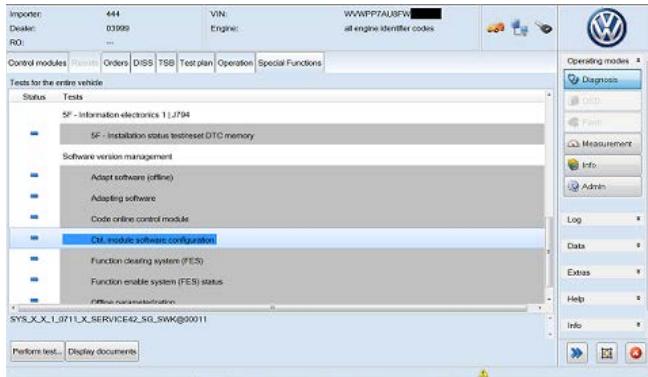
All Volkswagen scan tool devices must only be used with their power adapters plugged in. Under no circumstances should they be used on battery power alone during the programming procedure.

**Critical Warning:** The Midtronics Battery Charger **must** be connected to the vehicle battery for the duration of the programming, to ensure the battery state of charge remains above 12.5 volts during the update process. If the battery drops below 12.5 volts, the programming could fail which may result in damage to the control module. Control modules damaged by insufficient voltage will not be covered.

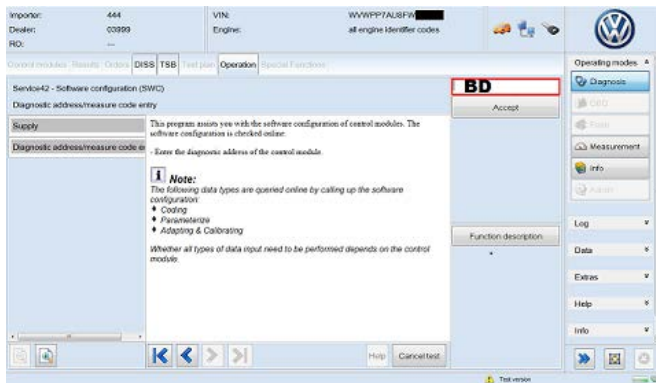
The technician should verify the vehicle voltage prior to starting the update process, and should monitor the voltage for the duration of the update.

- Connect the VAS Diagnostic Device to the online network.
- Connect the VAS Diagnostic Device to the vehicle and switch ON the ignition.
- Switch OFF Bluetooth on the tester.
- Connect the USB cable between the VAS5054A transmitter head and the tester.
- Launch ODIS application, select “Diagnosis”, select “Start Diagnosis” and identify the vehicle.
- After the control units are identified, select the “Special Functions” tab.

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- In the “Special Functions” mode, select **“Ctrl. Module software configuration”**.



- The software update takes place by entering the address of the control module to be updated, **“BD”**, and then confirming the input.
- Follow the instructions on the screen to complete update.



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## Warranty

<b>To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup></b>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
e-Golf	2015	All	All	AU_FW900001	AU_FW910916
<b>SAGA Coding</b>					
<b>Claim Type:</b>		<b>Use applicable Claim Type <sup>1)</sup></b>			
<b>Service Number:</b>	<b>Damage Code</b>	<b>HST</b>	<b>Damage Location (Depends on Service No.)</b>		
9351	0039	--	Use applicable when indicated in ElsaWeb (L/R)		
<b>Parts Manufacturer</b>		<b>e-Golf</b>		<b>WVO <sup>2)</sup></b>	
<b>Labor Operation <sup>3)</sup> : Charge Battery</b>			27068950 = 10 TU		
<b>Causal Part: Select labor operation</b>			01500000		
<b>Diagnostic Time <sup>4)</sup></b>					
<b>GFF Time expenditure (includes Updating Software)</b>	01500000 = 30 TU max.		YES		
<b>Road Test</b>	01210002 = 00 TU 01210004 = 00 TU		NO		
<b>Technical Diagnosis</b>	01320000 = 00 TU max.		NO		
<b>Claim Comment: Input "As per Technical Bulletin 2040470" in comment section of Warranty Claim.</b>					
<sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only <sup>2)</sup> Code per warranty vendor code policy. <sup>3)</sup> Labor Time Units (TUs) are subject to change with ELSA updates. <sup>4)</sup> Documentation required per Warranty Policies and Procedures Manual.					



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## Required Parts and Tools

No Special Parts required.

Tool Description	Tool Number:
Midtronics Battery Tester/Charger	InCharge 940 (INC-940) or GRX3000VAS
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with ODIS Service with: current online updates

## Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.