

Service Action

Code: 93SG



Subject	High-Voltage (HV) Battery Charger Software																			
Document History	<table border="1"> <thead> <tr> <th style="background-color: #c00000; color: white;">Date</th> <th colspan="4" style="background-color: #c00000; color: white;">Summary</th> </tr> </thead> <tbody> <tr> <td>12/18/2024</td> <td colspan="4">Updated claiming instructions Included Appendix A with updated B200000 fault clearing instructions</td> </tr> <tr> <td>10/29/2024</td> <td colspan="4">Original publication</td> </tr> </tbody> </table>					Date	Summary				12/18/2024	Updated claiming instructions Included Appendix A with updated B200000 fault clearing instructions				10/29/2024	Original publication			
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Affected Vehicles	<table border="1"> <thead> <tr> <th style="background-color: #c00000; color: white;">Country</th> <th style="background-color: #c00000; color: white;">Beginning Model Year</th> <th style="background-color: #c00000; color: white;">Ending Model Year</th> <th style="background-color: #c00000; color: white;">Vehicle</th> <th style="background-color: #c00000; color: white;">Vehicle Count</th> </tr> </thead> <tbody> <tr> <td>USA</td> <td>2024</td> <td>2025</td> <td>Q5 HYBRID</td> <td>9,410</td> </tr> <tr> <td>CAN</td> <td>2024</td> <td>2025</td> <td>Q5 HYBRID</td> <td>162</td> </tr> </tbody> </table> <p><i>Check Campaigns/Actions screen in Elsa on the day of repair to verify that a VIN qualifies for repair under this action. Elsa is the <u>only</u> valid campaign inquiry & verification source.</i></p> <ul style="list-style-type: none"> ✓ Campaign status must show "open." ✓ If Elsa shows other open action(s), inform your customer so that the work can also be completed at the same time the vehicle is in the workshop for this campaign. 					Country	Beginning Model Year	Ending Model Year	Vehicle	Vehicle Count	USA	2024	2025	Q5 HYBRID	9,410	CAN	2024	2025	Q5 HYBRID	162
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About this Service Action	An erroneous warning message may appear in the instrument cluster due to overly sensitive diagnostic software. The message is accompanied by a fault stored in the control unit for high-voltage battery charging, which also prevents charging at 100% with a 110V cable. A software update will be performed to address this issue.																			
Code Visibility	On or about October 29, 2024, the campaign code was applied to affected vehicles.																			
Owner Notification	Owner notification took place in November 2024. Owner letter examples are included in this bulletin for your reference.																			
Campaign Expiration Date	This campaign expires on October 29, 2029 . Work must be performed on or before this date to be eligible for payment. Keep this expiration date in mind when scheduling customers for this action. If a customer wishes to have this work performed after the expiration date, your normal costs associated with this work will apply.																			
Additional Information	<p>Please alert everyone in your dealership about this action, including Sales, Service, Parts and Accounting personnel. Contact Warranty if you have any questions.</p> <p>Dealers must ensure that every affected inventory vehicle has this campaign completed <u>before delivery to consumers</u>.</p>																			

Claim Entry Instructions

The labor times listed here may differ from the labor operations and labor times listed in ELSA.

After campaign has been completed, enter claim as soon as possible to help prevent work from being duplicated elsewhere. Attach the Elsa screen print showing action open on the day of repair to the repair order.

If a customer declines campaign work, refer to the “Customer Declines Campaign/Update Repair” section in the Campaign/Update Policy and Procedures Manual.

Service Number	93SG		
Damage Code	0099		
Parts Vendor Code	002		
Claim Type	Sold vehicle: 7 10 Unsold vehicle: 7 90		
Causal Indicator	Mark labor as causal		
Vehicle Wash/Loaner	Do not claim wash/loaner under this action		
Criteria I.D.	01		
	LABOR		
	Labor Op	Time Units	Description
	0151 00 10	SEE ELSA	Software update (<i>setup + battery charger</i>)
	0151 00 60	Time stated on diagnostic protocol	Software update (<i>GFF Operations</i>)

	Add the following only if the MIL was illuminated and/or fault B200000, <i>with symptom code 1049088</i> , remained in DA 00C6. A diagnostic log showing the fault <i>and symptom code</i> were present after the flash must be uploaded to GFF Paperless		
	LABOR		
	Labor Op	Time Units	Description
	0151 00 99	20	Manually clear fault B200000

Customer Letter Example (USA)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <MODEL YEAR> <BRAND> <CARLINE>, <VIN>

Subject: Service Action 93SG - High-Voltage (HV) Battery Charger Software

Dear Audi Owner,

As part of Audi's ongoing commitment to customer satisfaction, we are informing you of our decision to conduct a service action on certain 2024-2025 model year Audi vehicles. Our records show that you are the owner of a vehicle affected by this action.

About this Service Action:

An erroneous warning message may appear in the instrument cluster due to overly sensitive diagnostic software. The message is accompanied by a fault stored in the control unit for high-voltage battery charging, which also prevents charging with a 110V cable.

Your authorized Audi dealer will perform a software update to address this issue. This work will take about an hour to complete and will be performed for you free of charge. Please keep in mind that your dealer may need additional time for the preparation of the work, as well as to accommodate their daily workshop schedule.

What should you do?

In order to limit any possible inconvenience, please contact your authorized Audi dealer as soon as possible to schedule this work. For your convenience, you can also visit www.audiusa.com and click on the "Find a Dealer" link to locate a dealer near you and schedule this service.

Additional Information

- This service action will be available for you free of charge **only until October 29, 2029**. If you wish to have this service performed after that date, your dealer's normal costs associated with this repair will apply.
- If you are the lessor and registered owner of the vehicle identified in this action, please forward this letter immediately via first-class mail to the lessee within ten (10) days of receipt.
- If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, if you have changed your address or no longer own the vehicle identified in this letter, or if you should have any questions about this communication, please contact Audi Customer Experience at 1-800-253-2834 or via our "Contact Us" page at www.audiusa.com.
- To check your vehicle's eligibility for repair under this or any other recall/service campaign, please visit the Recall/Service Campaign Lookup tool at www.audiusa.com and enter your Vehicle Identification Number (VIN).

We apologize for any inconvenience this matter may cause; however, we are taking this action to help ensure your vehicle continues to meet and exceed your expectations.

Sincerely,

Audi Customer Protection

Customer Letter Example (Canada)

<MONTH YEAR>

<CUSTOMER NAME>

<CUSTOMER ADDRESS>

<CUSTOMER CITY STATE ZIPCODE>

This notice applies to your vehicle: <MODEL YEAR> <BRAND> <CARLINE>, <VIN>

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- If your authorized Audi dealer fails or is unable to complete this work free of charge within a reasonable time, if you have changed your address or no longer own the vehicle identified in this letter, or if you should have any questions about this communication, please contact Audi Customer Relations Monday through Friday from 8AM to 8PM EST at 1-800-822-2834 or via our "Contact Audi Canada" page at www.audi.ca.

We apologize for any inconvenience this matter may cause; however, we are taking this action to help ensure your vehicle continues to meet and exceed your expectations.

Sincerely,

Audi Customer Protection

Required Tools



Battery Tester/Charger
-VAS5908-
(or equivalent charger with
a current rating of at least
90A)



Diagnostic Tester
-VAS6150X/VAS6160X-
(or equivalent)

Repair Instruction

Section A - Check for Previous Repair

Applicable criteria ID(s)	Campaign/Action Status
01 ← 2	Open ← 1

EXAMPLE

Campaign/Action	Start	Designation
→ 3	2015-11-10	W-SERV_ACT -
	2018-12-13	RECALL -
	2017-05-16	A-RECALL -

EXAMPLE

- Enter the VIN in Elsa and proceed to the "Campaign/Action" screen.

TIP

On the date of repair, print this screen and keep a copy with the repair order.

- Confirm the Campaign/Action is open <arrow 1>. If the status is closed, no further work is required.
- Note the Applicable Criteria ID <arrow 2> for use in determining the correct work to be done and corresponding parts associated.

CRITICAL REPAIR STEP



All campaigns/actions with a repair available must be performed in order of the Start date <arrow 3>. The oldest should be performed first (unless otherwise noted in the repair instructions).

Proceed to Section B

NOTE

- Damages resulting from improper repair or failure to follow these work instructions are the dealer's responsibility and are not eligible for reimbursement under this action.
- Diagnosis and repair of pre-existing conditions in the vehicle are not covered under this action.

Section B – High-Voltage Battery Charging Control Module Software Update

NOTE

Prior to launching the VAS Diagnostic Tester and starting an update, ensure the following conditions are met;

- ✓ **The ODIS software is completely up to date.**
 - Refer to the “Current ODIS Service Version” circular found in Elsa2Go Service References.
- ✓ **The battery charger is connected to the vehicle battery and remains connected for the duration of the software update.**
 - Battery voltage must remain above 12.5 volts **(or higher, if directed in the work instructions)** for the duration of the software update. Failure to do so may cause the update to fail, which could result in damage to the control module. Control modules damaged by insufficient voltage will not be covered.
- ✓ **The screen saver and power saving settings are off.**
 - Failure to do so may result in the tester entering power save mode during the software update, which could result in damage to the control module.
- ✓ **The VAS Diagnostic Tester is plugged in using the supplied power adapters.**
 - Under no circumstances should the tester be used on battery power alone during the software update. Failure to do so may result in the tester powering off during the update, which could result in damage to the control module.
- ✓ **Flash process through “Audi Flashing” not Guided Fault Finding (GFF).**
 - DO NOT USE Guided Fault Finding (GFF) to perform this flash. Using GFF will cause the flash to take longer. Requests for additional time will not be considered.
- ✓ **The VAS Diagnostics Interface MUST ONLY be connected to the tester with a USB cable.**
 - Performing a software update using a Bluetooth or Wi-Fi connection increases the risk of losing connection during the update, which could result in damage to the control module. It also greatly increases the time required to perform the update. Requests for additional time or parts will be denied if the GFF log shows the update was performed using Bluetooth or WiFi.

NOTE

- All campaign software updates must be completed during a single, standalone ODIS Diagnostic Session. You must fully complete this campaign and send all logs before beginning any other campaigns or operations.
- If there are any ODIS “Hot-Fix” patches installed, they must be removed from the scan tool before beginning this operation. ODIS “Hot-Fix” patches may affect the update process.

WARNING

Radiator Fan(s) may cycle ON high speed during the Update Process! There is a serious risk that personal injury may result if contact is made with spinning fan blades. Keep hands and all objects away from Radiator Fan(s) during Update Process!

⚠ IMPORTANT

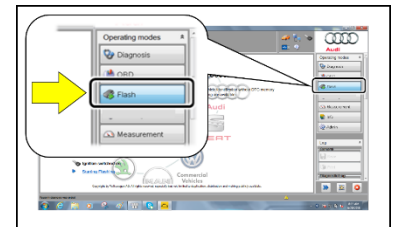
To Update-Programming using SVM, review and follow instructions in Technical Bulletin 2011732: *Software Version Management (SVM) Operating Instructions* for the US, or 2037026: *Working with the Software Version Management (SVM)* for Canada.

The SVM Process must be completed in its entirety so the database receives the update confirmation response. A warranty claim may not be reimbursed if there is no confirmation response to support the claim.

⚠ IMPORTANT

To prevent charging of the high-voltage battery during the software update, the high-voltage cable is to be removed BEFORE entry of the SVM code on vehicles with high-voltage components. Charging the high-voltage battery during a software update can damage the high-voltage components.

- Switch off all consumers, air conditioning, heater blower motor, lights, heated seats, etc.
- Connect battery charger.
- Ensure the latest version of ODIS is downloaded.
- Ensure diagnostic head is connected to ODIS tester via USB cable.
- Move selector lever to P.
- Use operating mode, FLASH.
 - Communication path = DoIP
- Select “SVM – Code Input”.
- Enter SVM code **93SGA591** and follow the on-screen prompts.
- Ensure the diagnostic log is sent to GFF Paperless after completion.



Diagnostic Address	New Software Part Number	New Software Version
00C6	9Y0915681Q	3323

! NOTE

This software update addresses “*DTC B200000: Control module faulty (symptom 1049088) active/static*”, stored in diagnostic address 00C6.

If the fault is still present after the flash is completed, refer to the instructions found in Appendix A.

The post-flash log showing the fault was still stored must be uploaded to GFF paperless.

Proceed to Section C

⚠ IMPORTANT

If the software update fails for any reason, ODIS feedback must be sent prior to further diagnosis. This ensures the failure/error is reported. Failure to do so may result in non-payment of consequential requests for additional time or parts.

Section C – Campaign Stamp

I certify that this campaign
has been performed in strict
accordance with the applicable
Audi repair procedure.

SAGA Code: _____
Technician: _____
Date: _____

Item#: AUD4927ENG

OR

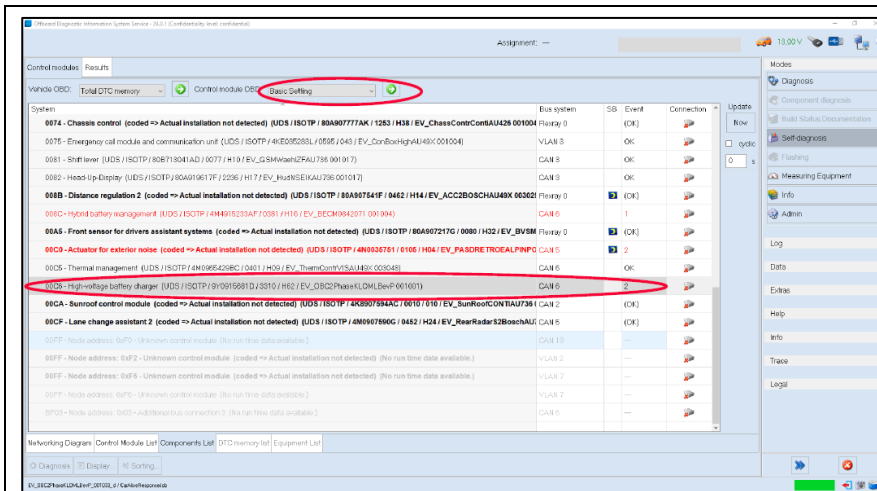
Je certifie que cette
campagne de rappel a été
exécutée suivant les strictes
directives de réparation
d'Audi

Code de SAGA: _____
Technicien: _____
Date: _____

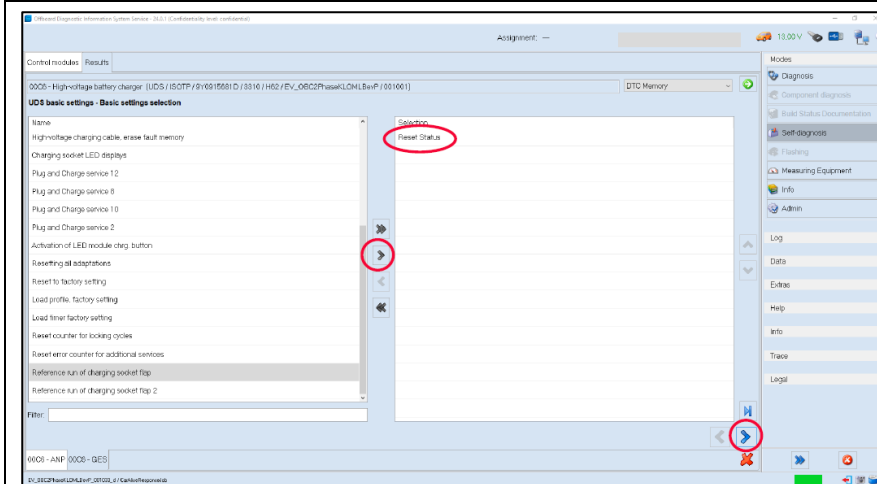
Item # AUD4927FRE

- Once the campaign has been completed, the technician should stamp the repair order.
- Stamps are available for ordering through the Compliance Label Ordering Portal (item# AUD4927ENG or AUD4927FRE).

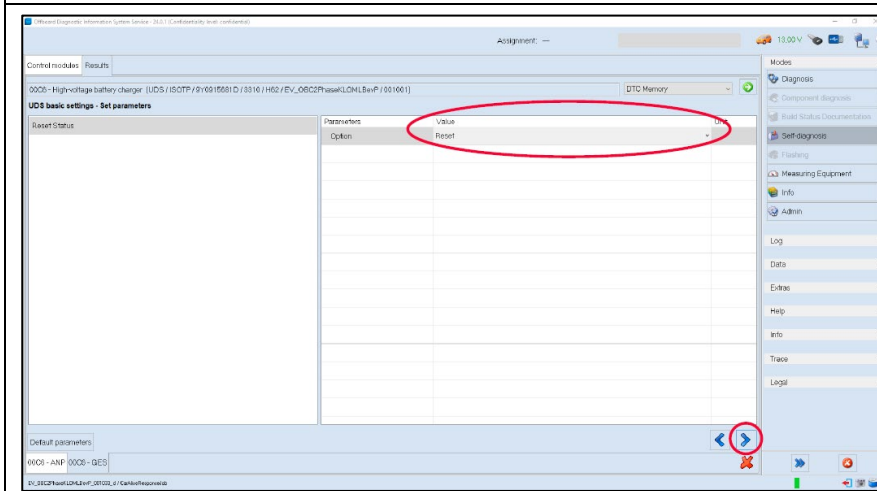
Appendix A – HV Charger DTC “B200000: Control module faulty” Fault Clearing Procedure



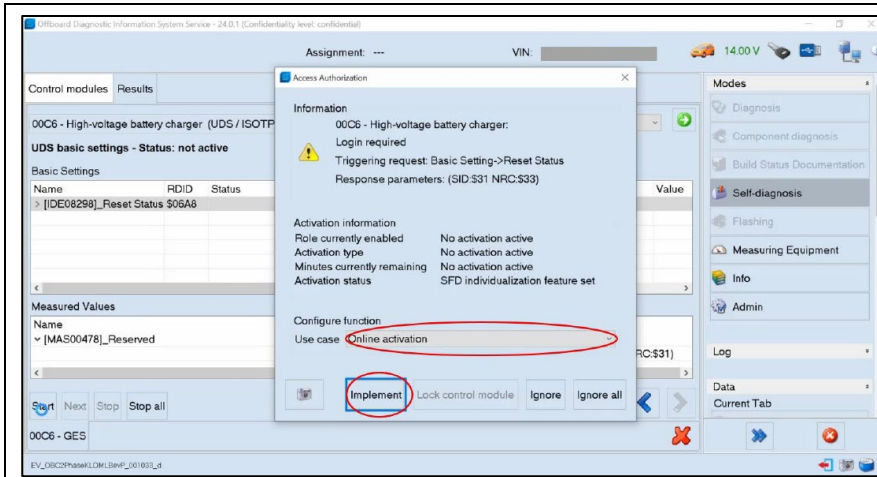
- Open ODIS and enter Self-diagnosis.
- Select 00C6 – High-voltage battery charger.
- In the drop-down box next to “Control module OBD”, select Basic Setting.
- Click on the green arrow next to drop-down box you just selected Basic Setting in.



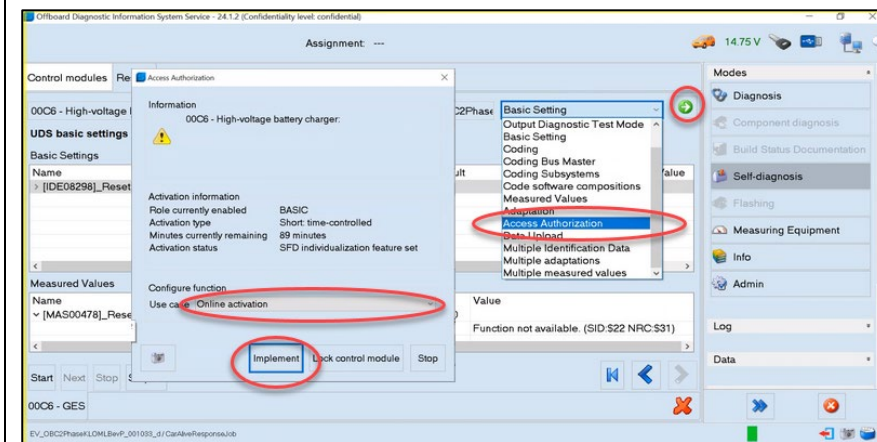
- Find and select the basic setting routine Reset Status.
- Click on the right arrow to continue.



- Under Parameters, select the value Reset.
- Click on the right arrow to continue.
- On the next screen, select the only available measured value. Make sure it moved listed into the right list-box via the arrow buttons in between the two list-boxes.
- Click on the right arrow to continue.
- On the next screen, click on Start (on the bottom left side of the ODIS window).

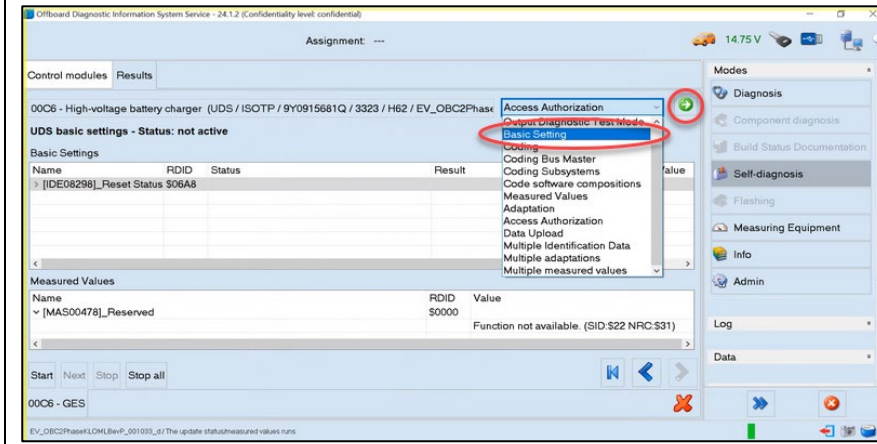


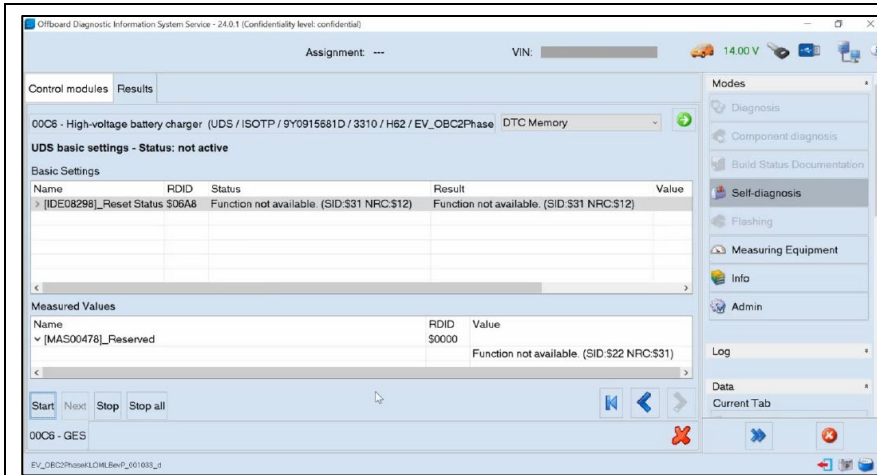
- An access authorization dialog-box should pop up.
- In the drop-down box next to “Use case”, select Online activation.
- Click on implement.



IF the access authorization dialog-box does not appear:

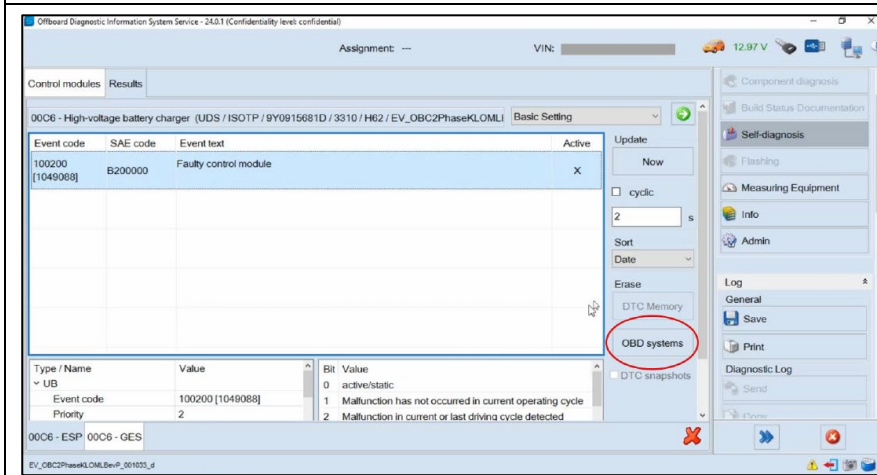
- Click the drop down box on ODIS (upper right of screen) and select Access Authorization.
- Click on the green arrow next to drop-down box you just selected Access Authorization in.
- In the drop-down box next to “Use case”, select Online activation.
- Click on implement.
- Go back to the drop down box on ODIS and switch it from Access Authorization to Basic Setting.
- Click on the green arrow next to drop-down box you just selected Basic Setting in.



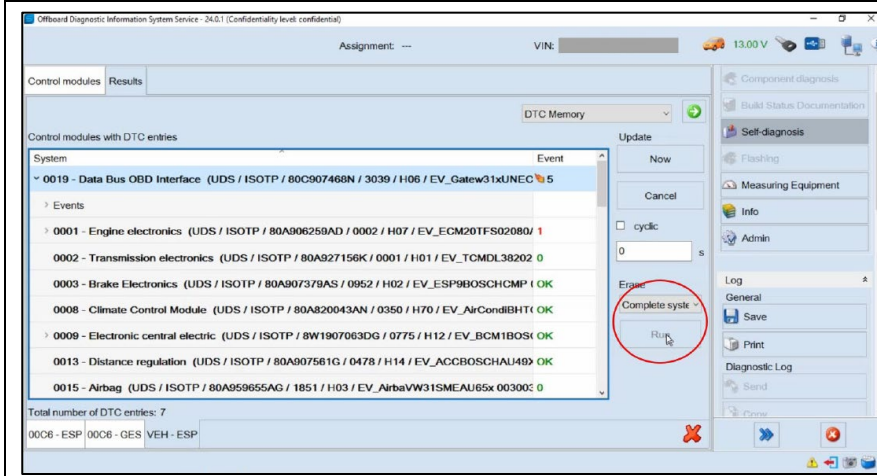


Continued for all:

- Start basic settings.
- The “Status” of Function not available is okay.
- Click the green arrow to run “DTC Memory”



- You should see the following DTCs stored Active/Static
- Select Erase OBD systems
- The DTC is now clear



- Select “Vehicle OBD” Total DTC Memory
- Select Erase “Complete system” “Run”
- Cycle the ignition and shift to drive and reverse twice and ensure the MIL is no longer illuminated.