



**Campaign code:**  
L636-A.04.18

**Campaign description:**  
This campaign includes the ECU 5F.

**Model:**  
Urus

**Model year:**  
From 2019

**Special or Limited Versions:**  
All

**Markets:**  
All

**VIN identification:**  
From VIN KLA00330 to KLA01796

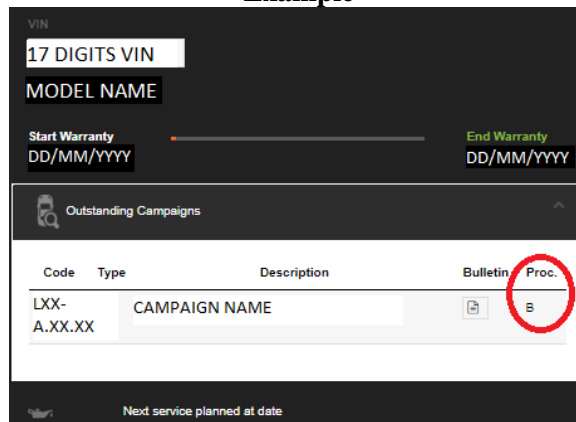


**ATTENTION!**  
 Only for the markets: China, Hong Kong, Japan, Macao, Singapore, Taiwan and Thailand, the VIN range is extended to the VIN KLA02603.

**Warning:** Before starting with the repair, log to the Warranty portal and check through VIN Info:

- Before to execute the update of the ECU 5F SW verify if this update is necessary for the vehicle. Identify the ECU 5F. From the guided function of the 5F run the “5F - Read identification data”. If the identified SW is aligned with the SW target, as shown in the table of the step 5, it is possible to skip to the step C and step D.
- The vehicle is effectively involved by these bulletin instructions; some cars may not be included even when they are in the VIN range.
- The procedure identified by a letter (e.g. A, B or C...etc. whose differences are explained below in this bulletin), taking care to order and use the parts corresponding to the assigned procedure

**Example**



**NOTE:**

Procedure A will be available only when the instructions require to carry out a preliminary control to determine whether or not a vehicle needs to be updated.

**Information to the field:**

As a result of continuous product monitoring, Automobili Lamborghini S.p.A. has released a new software update for entertainment instrument cluster of Urus. This release contains improvement of ECU 5F graphics, 5GHz connection and text tool.

**Operations:**

- The instructions herein provided include 2 operations:
- Operation B: SW and ZDC update
  - Operation C: ZDC update

**Field Solution:**

Update the car following the herein reported instructions.

**Spare parts:**

- Order the following part number which are connected to the operation required:
- Operation B, ECU 5F update (SW and ZDC update)
  - Operation C, ZDC update



| P/N | Description | Q |
|-----|-------------|---|
| n/n | n/n         | 0 |

**Replaced parts management:**

Store properly and tagged the parts replaced with bar code form for their identification during Area Manager visits.

**Labour time:**

- Operation B: **1 hour**
- Operation C: **0.5 hour**

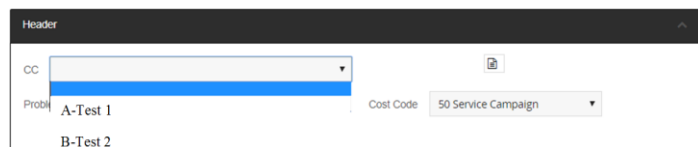
**Substituted former Bulletins:**

None.

**Warranty Claim instructions:**

To claim the reimbursement log into the warranty system management on the Lamborghini Portal and consults the manual “W.Claim “ available on the portal for the download .

Select the desired campaign and go on with the claim insertion, read carefully the windows message content and choose the option button corresponding to the operation performed .



On the base of the chosen option the reimbursement will be:

- **OPTION B – ECU 5F update (SW and ZDC update)**  
 manpower: 1 hours  
 spare parts: none
- **OPTION C – ZDC update**  
 manpower: 0.5 hours  
 spare parts: none



**ATTENTION!**

Attach all documents produced during the vehicle visit that show evidence of the work performed such as repair order, software protocols or acquisitions...etc.; the lack of one or more of those, may deny the reimbursement.

Remember to fill all data in the section “Service and Recall Campaign” in the Warranty booklet of the vehicle as shown below.

**Necessary tools/material:**

| P/N | Description | Q |
|-----|-------------|---|
| -   |             |   |



**IMPORTANT:**

Before you follow the instructions in this service campaign, you need to install the SD-Creator program. The instructions for installing SD Creator are contained in the bulletin: "BI.09.17\_ [ENG] \_SD-Creator installation package procedures". Follow the instructions in the "BI.25.18" information bulletin to upgrade the SD-Creator to the latest version available.



**IMPORTANT:**

- *Automobili Lamborghini S.p.A. informs that the time necessary to download the software from SD-Creator is to be considered only in the case of execution of the **Operation B**. This time is not to be considered refundable on a case by case basis, being exceptional and acceptable with the extra-time already included in the time given for operation B.*
- *Operation B and operation C describe two independent actions, for this reason the times for the execution of this campaign cannot therefore be added*



**Preliminary operations:**

1. Make sure to be recently synchronized with Mirror server by checking the Last Sync date under:  
<http://mirrorserver/maintenance/diagnosis.py>  
 or directly inserting your Btac-box IP address:  
[http://\[IP\\_address\]/maintenance/diagnosis.py](http://[IP_address]/maintenance/diagnosis.py)  
 if you have not previously set up the mirror-server IP alias.  
 (e.g. <http://12.34.567.890/maintenance/diagnosis.py>)



**IMPORTANT:**

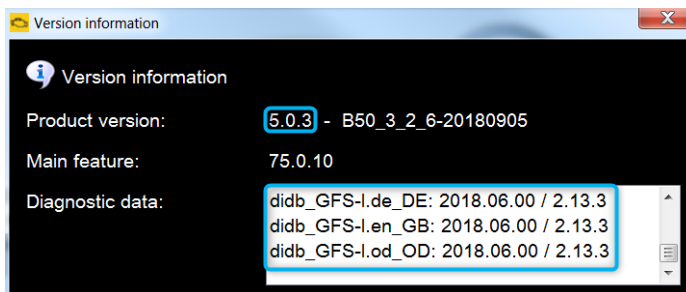
Make sure the last synchronization has been done after the 18<sup>th</sup> of October 2018.

**MS/2 Diagnosis**

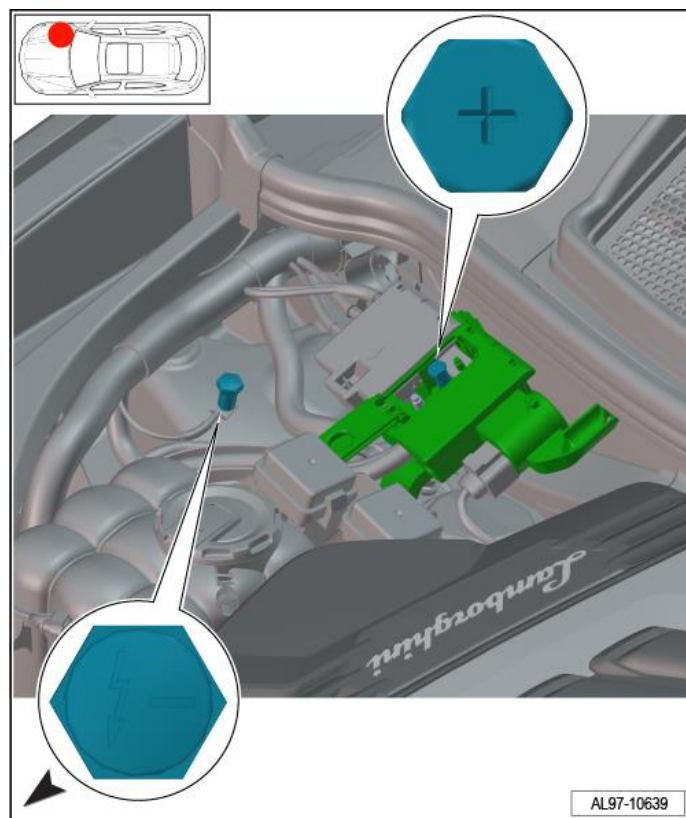
| Configuration                              |  |
|--|--|
| Base path                                  | /var/www/desert                                  |
| Provider URL                               | https://altair.mirrorserver2.net/deployment      |
| Repository URL                             | https://altair.mirrorserver2.net/storage         |
| Feedback URL                               | https://altair.mirrorserver2.net/health          |
| Proxy                                      | not used   |
| Key file                                   | /var/www/desert/certs/userkey.pem                |
| Certificate                                | /var/www/desert/certs/usercert.pem               |
| Tests                                      |  |
| Local file/directory permissions           | OK   |
| Disk space                                 | OK   |
| Provider reachable                         | OK (altair.mirrorserver2.net)                    |
| Repository reachable                       | OK (altair.mirrorserver2.net)                    |
| Feedback reachable                         | OK (altair.mirrorserver2.net)                    |
| Provider WebDAV access                     | OK (https://altair.mirrorserver2.net/deployment) |
| Repository WebDAV access                   | OK (https://altair.mirrorserver2.net/storage)    |
| Feedback WebDAV access                     | OK (https://altair.mirrorserver2.net/health)     |
| Successful package downloads               | 9  |
| Failed package downloads                   | 0  |
| Last Sync                                  | 18/10/14 21:05:08                                |
| <input type="button" value="Start tests"/> |  |



The instructions contained in this bulletin are based on ODIS Service diagnosis software updated to release 5.0.3 and database Lamborghini 2.13.3, or following (please refer to BI.07.15 and be sure that ODIS Service on your laptop is up-to-date).



2. Please connect a suitable battery charger to the re-charge points available in the engine bonnet (left side of the car), refer to the following picture.





**Work instructions:**

The update procedure here described includes the following steps:

- A. Download SW from SD-Creator;**
- B. ECU 5F SW Update;**
- C. ECU 5F ZDC Update;**
- D. Erase fault memories;**
- E. Confirmation of installation.**
- F. Erase fault memories.**



**NOTE:**

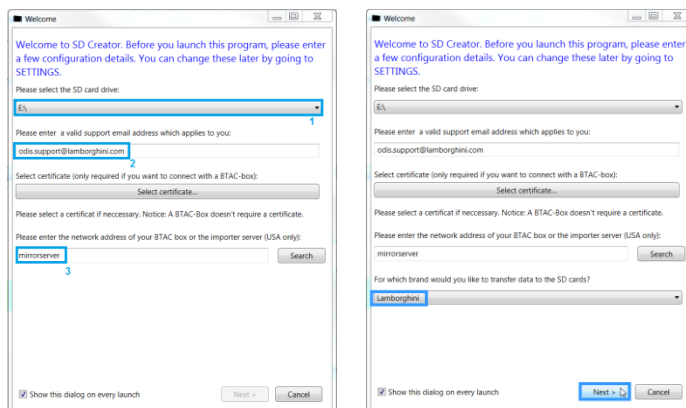
Ensure the key ON during the whole update procedure. Start a diagnostic session with ODIS service and keep the diagnostic interface connected to the OBD socket and do not close the ODIS Service program or use it for other purposes. Once the software update has been executed it is necessary to complete the operation in ODIS.

**A. Download SW from SD-Creator:**

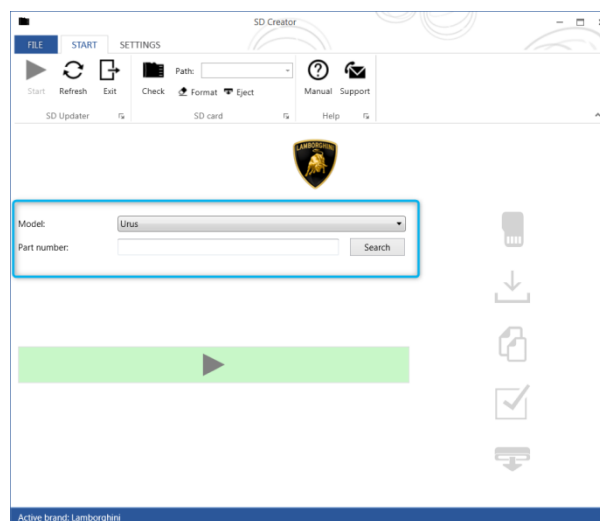
- 3. In order to download the softwares necessary for the update procedure, open on your laptop SD-Creator by a double click on the program icon.



- 4. When the program starts, fill in the Windows screen fields as explained in the "BI-09.17\_ [ENG] \_ SD-Creator installation package procedures".



- 5. In the main page of SD-Creator you shall fill out the Model and Part Number fields:



- I. Select the Model, (Urus);
- II. Insert the USB memory stick and type the Part Number specific for your destination market, make reference on the table at the point ;

Select the Part Number related to the destination market of your vehicle.

| Part Number | SW target | Destination Market         |
|-------------|-----------|----------------------------|
| 61653001386 | 9812      | ECE, ECE DAB, RdW, RdW DAB |
| 61653001388 | 9812      | NAR and NAR Sirius         |
| 61653001417 | 9818      | Taiwan, Japan and China    |



Through the Part Number selected, the version of the ECU 5F software suitable to the selected market will be downloaded. Then, click “Search”. The following image is only for example purposes:

Model:   
 Part number:

- If the entered part number is correct, following the search, will be shown the model name and the required size of the USB memory stick to generate the software. E.g.:

Model:   
 Part number:

Model(s):   
 Min. amount of memory:   
 SVM code:



**IMPORTANT:**

***Before You Begin Creating Your Software!***

*The process involves formatting the USB memory and deleting the files inside it.*

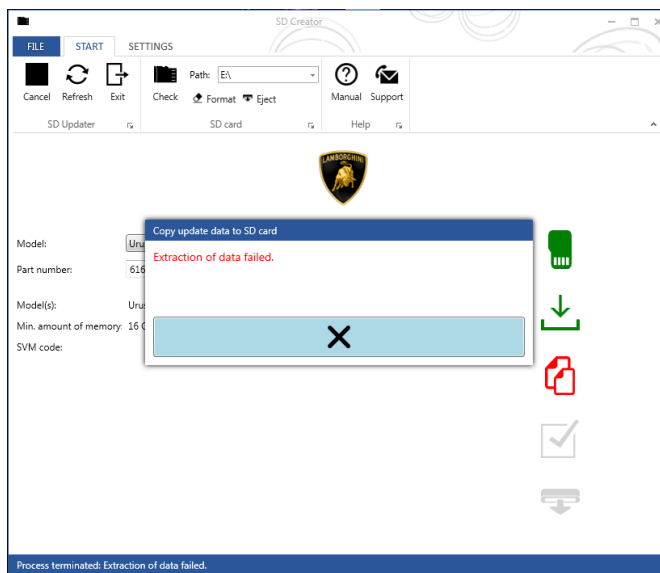
*In order to do not lose your data, it is advisable to use empty USB memory.*

*Make sure that the available storage space is greater or at least equal to the the size required by SD-Creator, as enucleated at the point 6.*

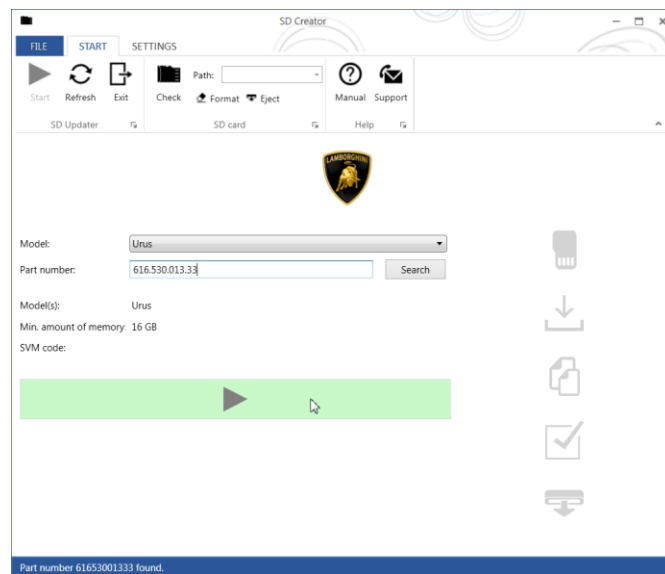


**ATTENTION:**

***If the error shown in the following image occurs in the download from SD-Creator, perform the instructions at the end of this document, in Trouble shooting,section viii.***

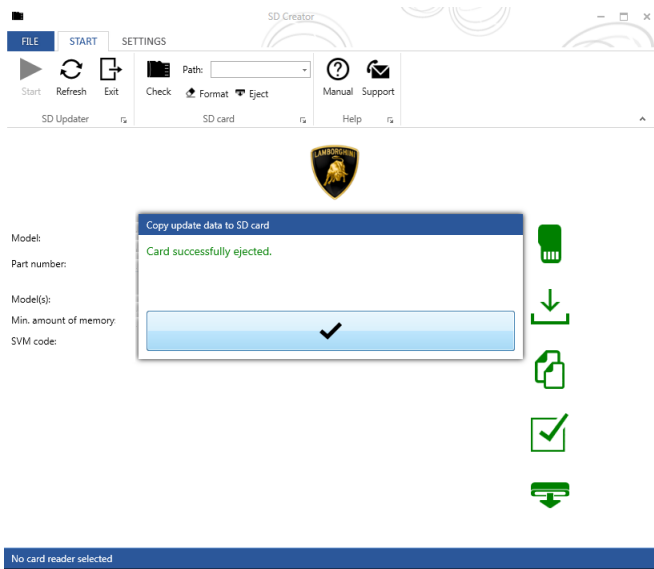


- Follow this instructions for the download of both softwares using the part numbers indicated at the point II and III. Click the Start Button, , to start the software download process. The software will be automatically saved in the USB memory stick.

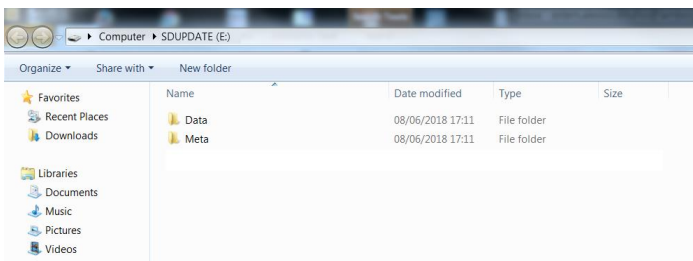


- At the end of the process, green icons will appear on the right and a positive feedback will be displayed indicating the success of the operation. Click on the bar “” in order to finish the download process. The USB memory stick is automatically unplugged from your laptop.





9. To verify the success of the operation, extract and re-insert the USB stick and make sure that the software required is present. The following image is an example concerning the folders created for the ECU 5F.



At this point the downloaded software is available on the USB memory stick and ready to be flashed on the car.

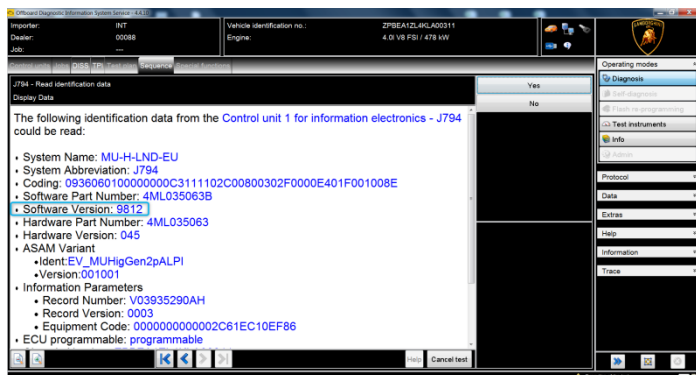
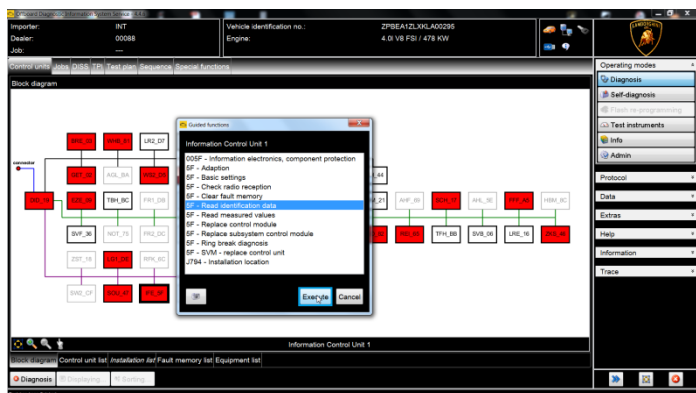
10. Move on the car and insert the USB memory stick containing the downloaded software in one of the USB ports under the armrest in the central tunnel.





**B. ECU 5F SW Update:**

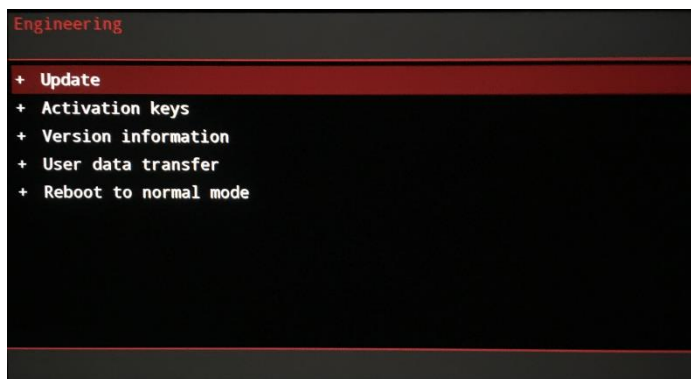
11. Before to execute the update of the ECU 5F SW verify if this update is necessary for the vehicle. Identify the ECU 5F. From the guided function of the 5F run the “5F - Read identification data”. If the identified SW is aligned with the SW target, as shown in the table of the step 5, it is possible to skip to the step C and step D.



**IMPORTANT:**

*In case the update of the ECU 5F SW is not needed please refer only to the time indicated for the ZDC update, **Operation C.***

12. To run the software update you need to access the “Red Menu”. To access it, press with two fingers on the ECU 5F screen in the upper right corner and keep it pressed for few seconds. The ECU 5F display turns off momentarily. Wait for the display to restart automatically.
13. When the ECU 5F is restarted, the Red Menu will be displayed. Using the main knob, select "Update".



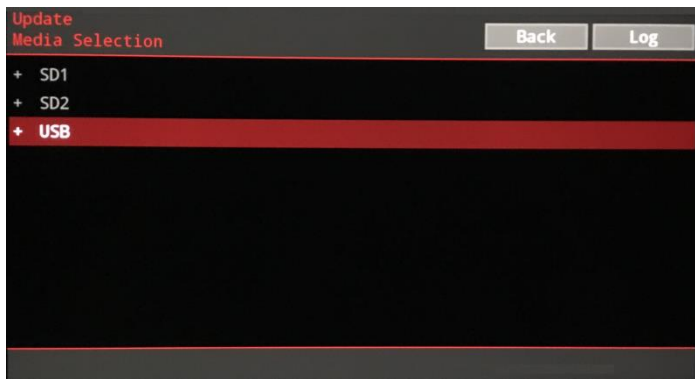
**NOTE:**

*Using the main knob it is possible to navigate the Red Menu. Turn it to scroll the menu and push to select an item.*

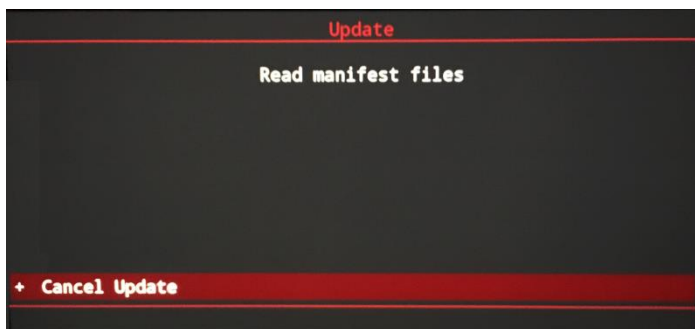


14. Insert the USB memory stick in one of the appropriate ports located on the central tunnel under the armrest (the related row become evident). Select it to start the update.

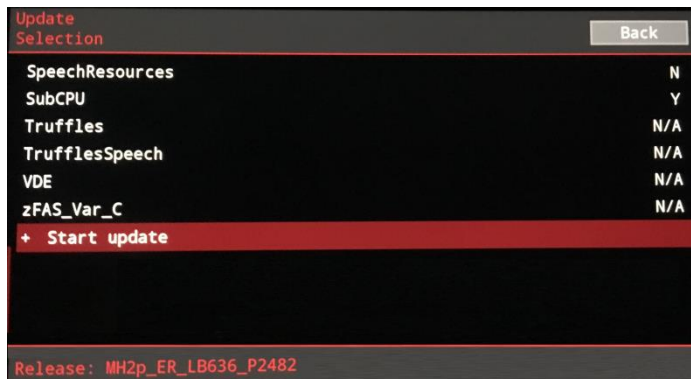




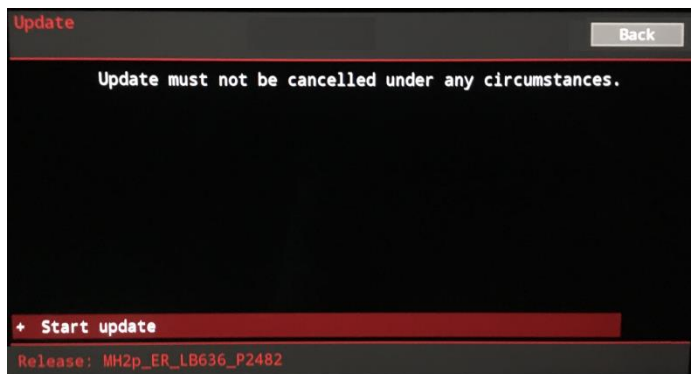
15. Wait the automatic procedure, DO NOT interrupt the read manifest file process by clicking cancel update.



16. The files to be installed will be listed in the screen, scroll with the main knob through the items displayed in the ECU 5F, until you select "Start Update".

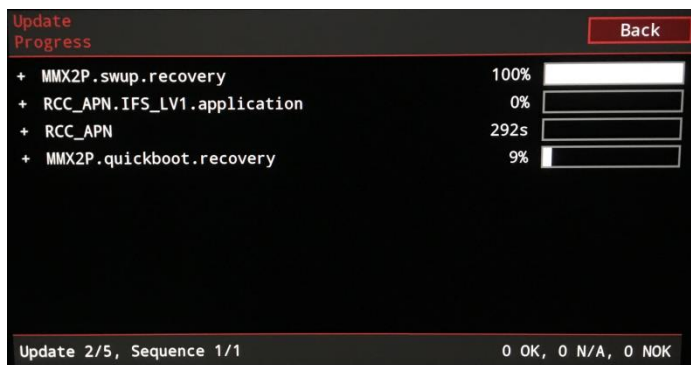


17. Start the software update procedure selecting "Start Update".



**IMPORTANT:**  
*The update procedure must not be cancelled under any circumstances.*

18. Wait for the update procedure.

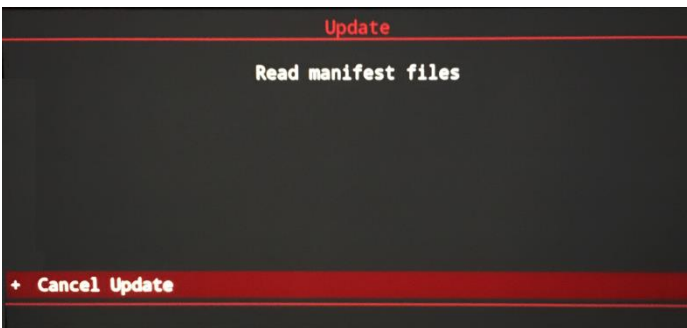




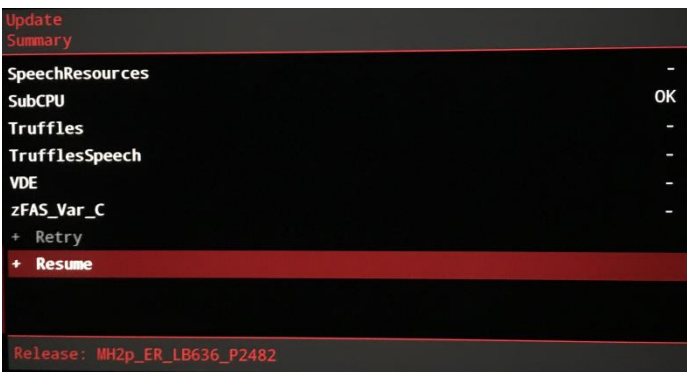
19. When the software update is complete, the ECU 5F display is restarted.



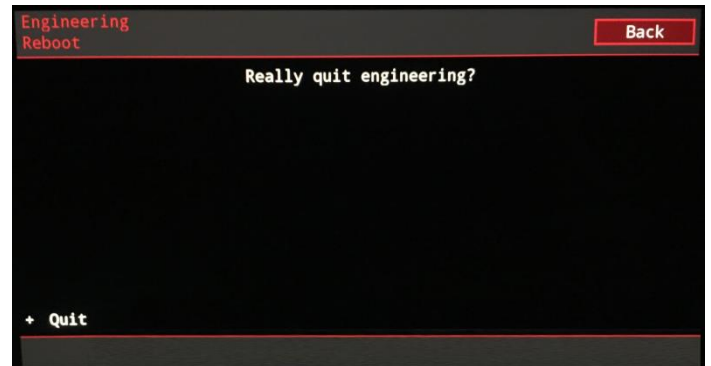
20. Wait the automatic procedure, DO NOT interrupt the read manifest file process by clicking cancel update.



21. When the ECU 5F restarts, the "Update Summary" file will be displayed, scroll down and click "Resume". You can now unplug the USB memory stick.

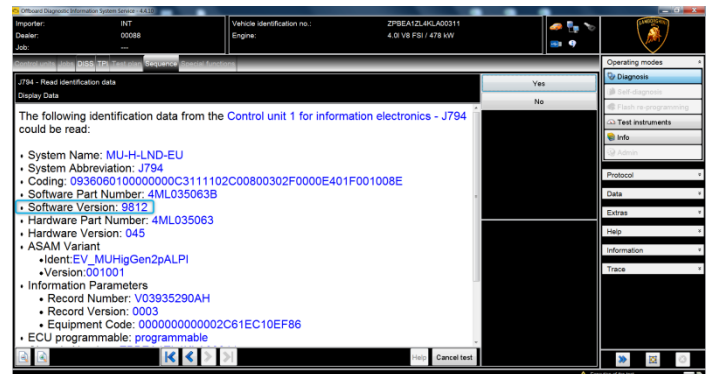
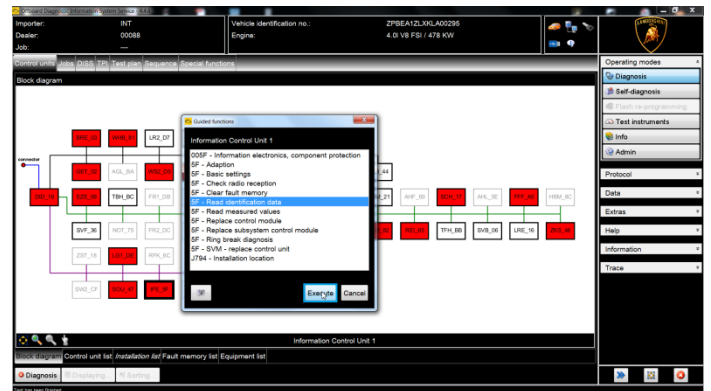


22. Click quit to exit the engineering menu.



23. Turn the ignition OFF and back ON.

24. Move on your laptop and check in ODIS that the update was successful. From the Guided functions of the 5F run the function "5F - Read identification data". Check that the displayed software version is correct, as indicated in the table presented in step 5.





**C. ECU 5F ZDC Update:**

Follow the procedure in the workshop manual related to the "Implementation of an SVM code".



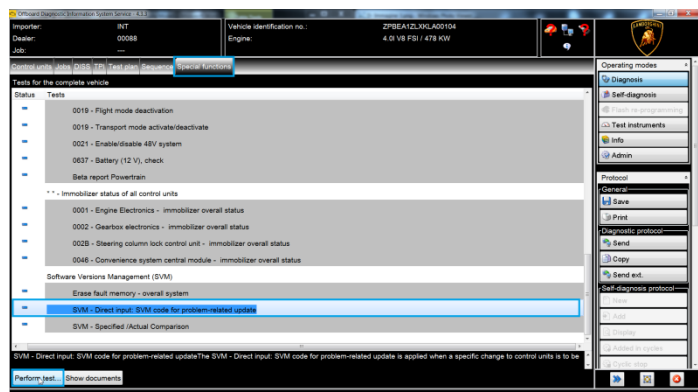
**IMPORTANT:**

*Improper use of this function can cause damage to the electronic control units.*

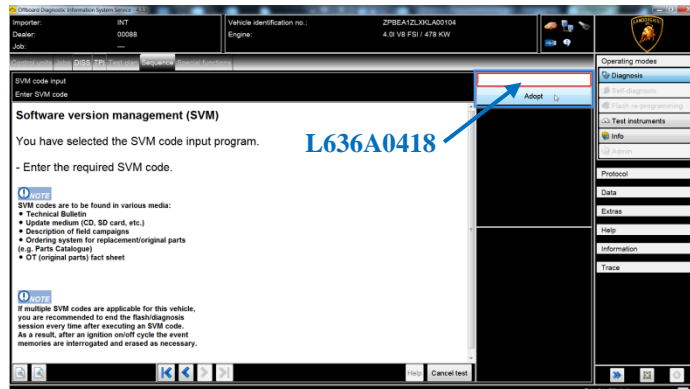
25. To start the procedure for executing an SVM code, select the "Special functions" tab in ODIS.



26. Click on the function "SVM- Direct input: SVM code for problem-related update" and then on "Perform test".

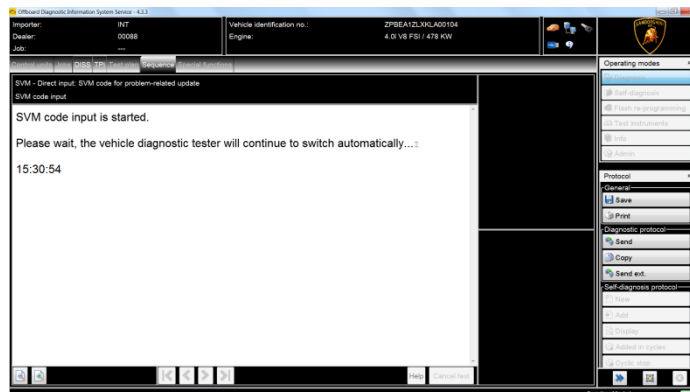


27. Type the campaign code "L636A0418" in the appropriate space on the upper right-hand and click on "Adopt".

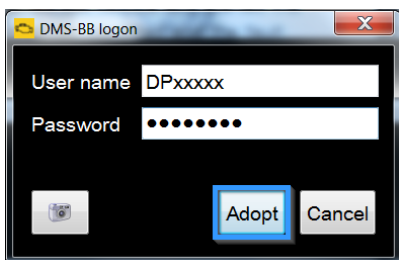


28. The entered SVM code is re-displayed on the dialog screen. If the entered code is correct, click on "Yes" to confirm, otherwise select "No" and restart the SVM procedure.

29. Wait the data acquisition from all the control units. This operation takes a few minutes.

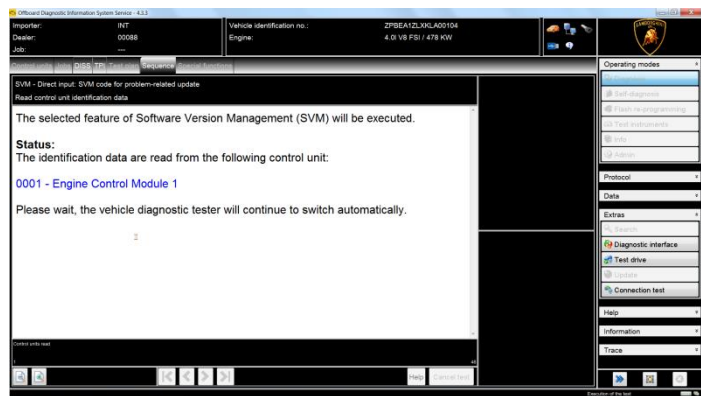


30. To perform the SVM function and access the Lamborghini servers it is necessary to have a valid GeKo account. Make sure that the diagnostic laptop is connected correctly to internet. Enter your GeKo username in the "User name" field and pin 1324 + the 6-digit code currently displayed on the GeKo token in the "Password" field.



Click "Adopt" to confirm.

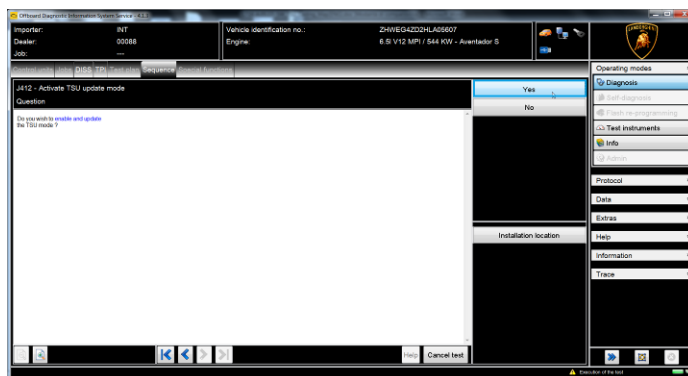
31. The SVM function will automatically continue with the identification of the ECUs in the vehicle.



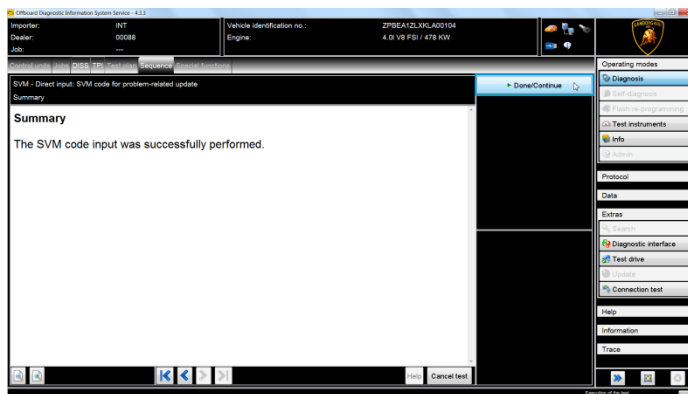
32. In the SVM procedure it may be necessary to perform one or more of the following operations:

- Coding;
- Parametrization;
- Calibration.

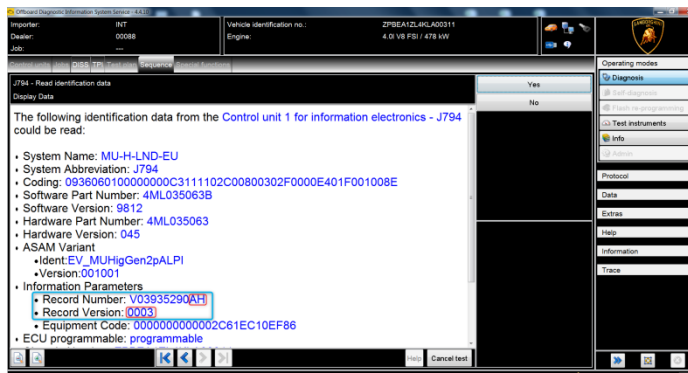
To perform these actions, it is usually necessary to click "Done / Continue" where required and follow the instructions directly reported in the ODIS dialog screens.



33. Click "Done / Continue" to conclude the update procedure for the ECU 5F.



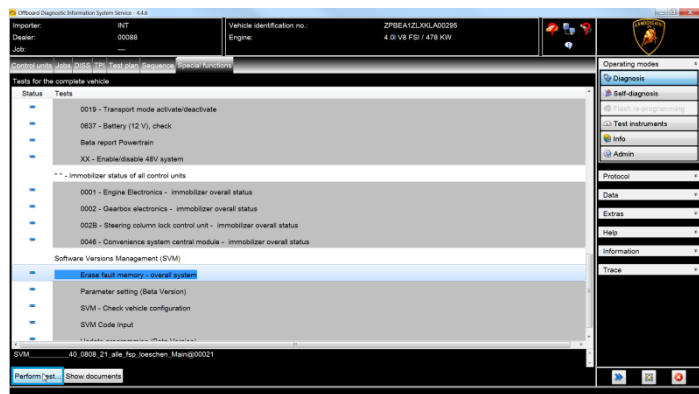
34. From the "Guided functions" of the ECU 5F run the function "5F- Read identification data". Check that the displayed ZDC version is the "0003" with index "AH".





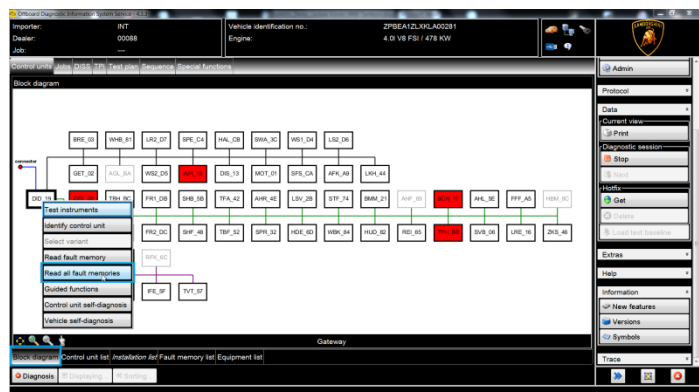
**D. Erase fault memories:**

35. Go back to the “Special functions” tab and select “Erase fault memory – overall system” to clear all the stored faults.



The complete guide in order to erase all fault memories is available in the workshop manual, chapter 10.00. Deleting the data in the fault memory of control units.

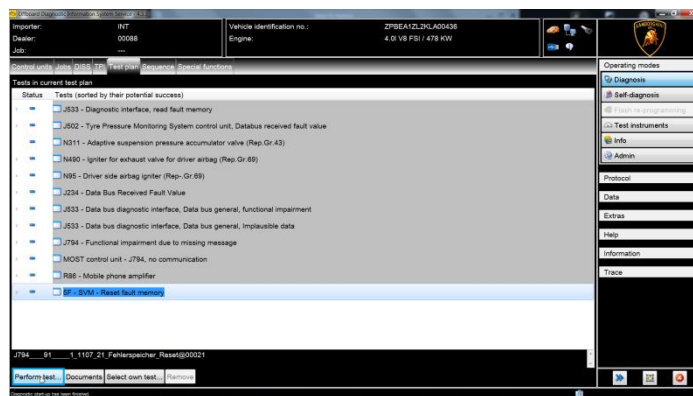
36. Go back to the “Block diagram” tab and select “Read all fault memories” from one of the ECUs of the vehicle.



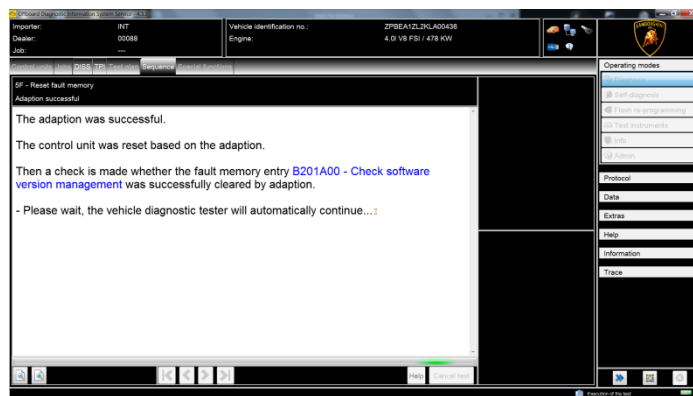
**E. Confirmation of installation:**

After the update of the 5F and the erase fault memories, the error “B201A00: Checking software version management” could occur.

37. If this error occurs, run the function that you find attached to the test plan: “5F –SVM – Reset fault memory”. Click “Perform test” to run the function.

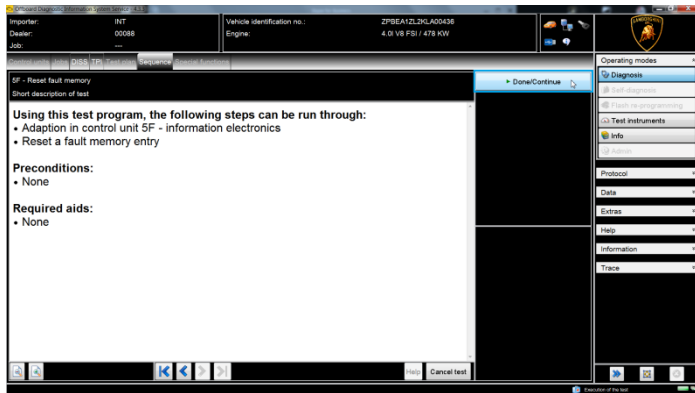


38. Wait the end of the automatic checking procedure.

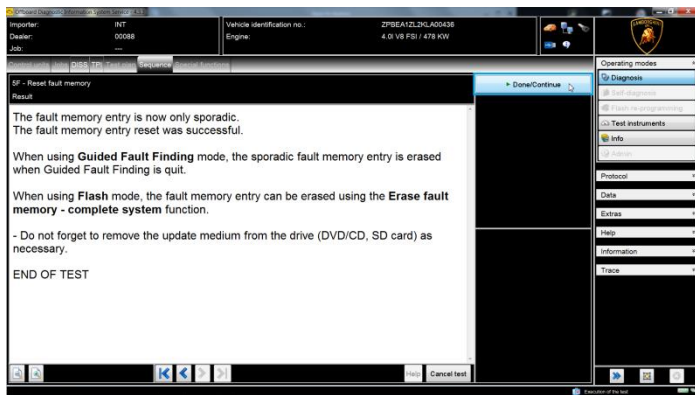


39. Click “Done/Continue” to confirm the installation change.



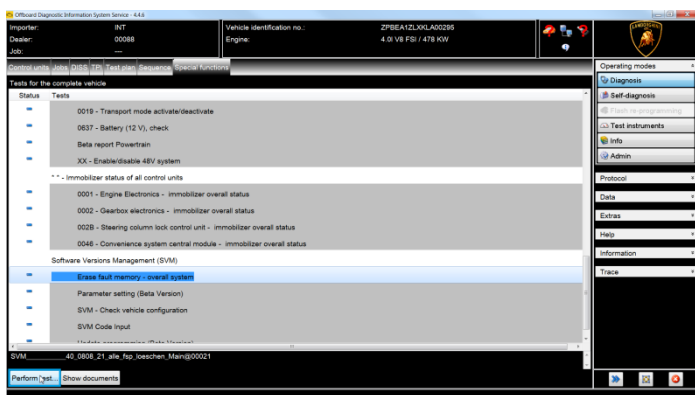


40. Click “Done/Continue” to end the procedure.



**F. Erase fault memories:**

41. Go back to the “Special functions” tab and select “Erase fault memory – overall system” to clear all the stored faults.



The complete guide in order to erase all fault memories is available in the workshop manual, chapter **10.00.Deleting the data in the fault memory of control units.**

42. Go back to the “Block diagram” tab and select “Read all fault memories” from one of the ECUs of the vehicle.



**NOTE:**

*At the end of the procedures indicated, it may be necessary to reboot the ECU 5F, which can be carried out with a long press of the ECU 5F main knob.*

**/\* Diagnostic protocol saving \*/**

43. At the end of software updates, save the diagnostic protocol as described in chapter **10.00.ODIS Saving the diagnostic protocol.**



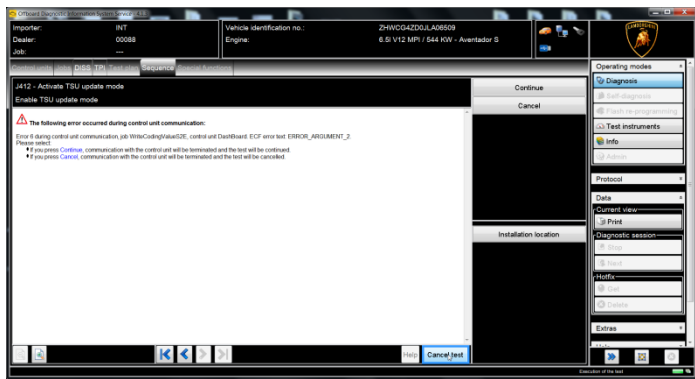
**IMPORTANT:**

*The diagnosis protocol has to be attached to the related Warranty Claim (in order to insert the claim on the Web Portal, please refer to Warranty Claim Manual you can find under the Portal, Warranty section).*

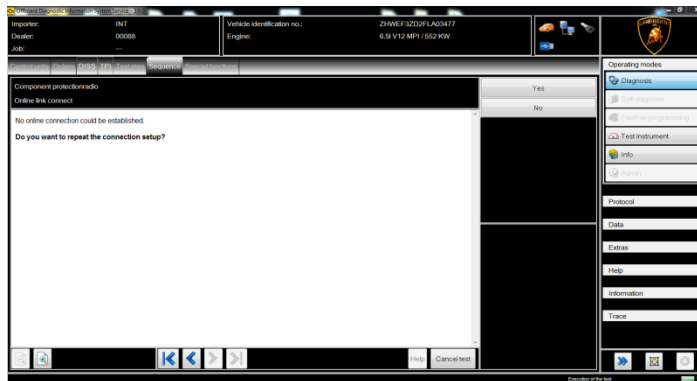


**Trouble shooting:**

- i. If the following error page is shown, you shall abort the procedure clicking on “Cancel Test” and contact the Technical Support.

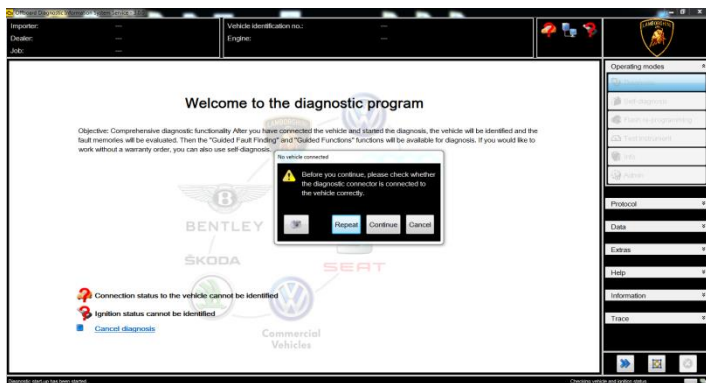
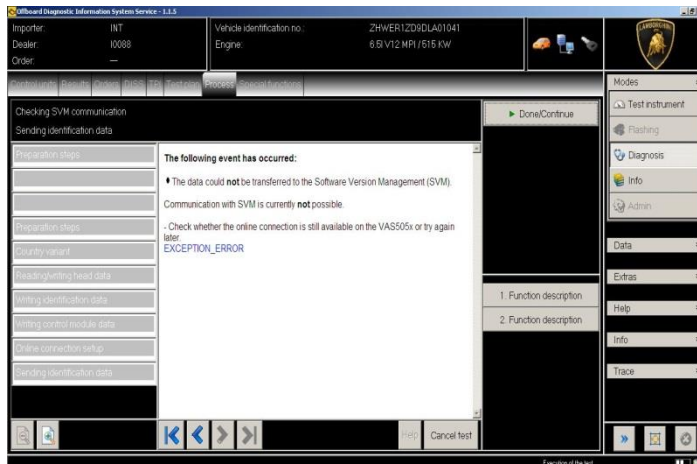


the diagnosis laptop is properly connected to the internet network and retry clicking “Yes” or “Done/Continue”.



- ii. If the error message regarding the VAS5054 interface and the two icons for status of on board connection and key ON are shown as in the picture below:

- Click “Cancel”;
- Repeat the VAS6154 HW interface installation following the procedure (\*) “VCI Manager v2.0”, by entering in the menu “Extras” on the right side and clicking on “Diagnostic interface”.

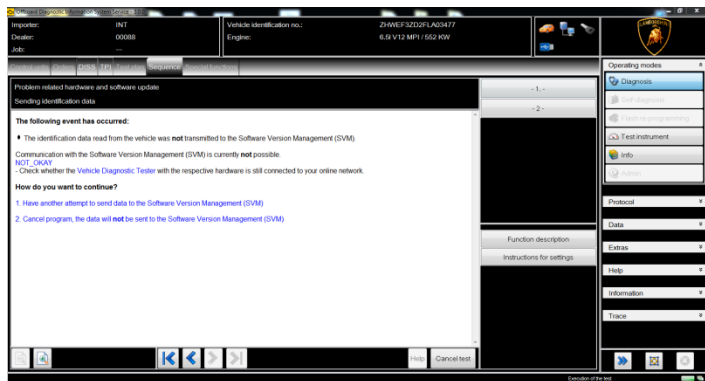


- iv. If the loss of connection happens during the target/actual comparison during SVM procedure:

- It is not possible to connect to central server, check the working connection of internet and retry by clicking “1”.

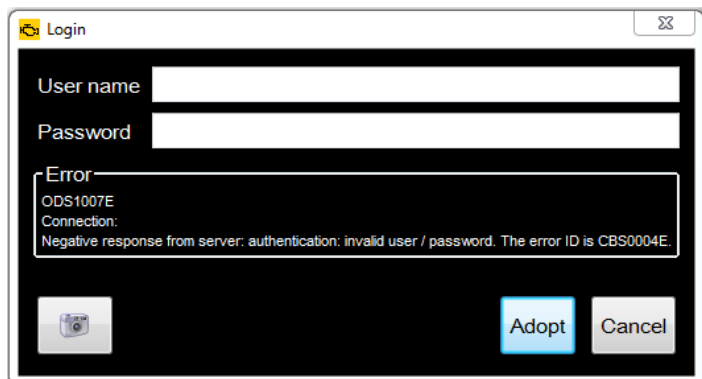
- iii. If one of the connection error screens is shown as in the pictures below:

- It is not possible to establish a connection with the central server. Please check carefully that



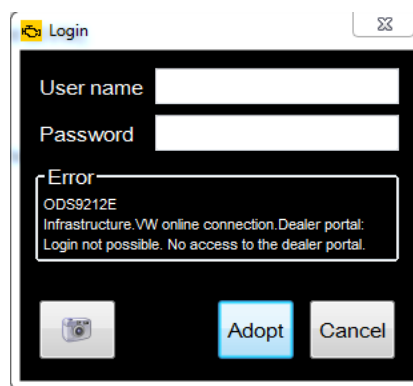
v. If the incorrect identification message is shown as in the picture below (error code: ODS1007E):

- be sure that your Geko account is valid;
- be sure that the label “Geko” is written on the token that you are using for the authentication;
- be sure the Password inserted is correct;
- click on Cancel and perform the application test (see document “ODIS\_Checking\_ConnectionServer\_SVM\_2.0” (\*)).



vi. If the infrastructure error message is shown as in the picture below (error code: ODS9212E):

- be sure that your Geko account is valid
- be sure that the label “Geko” is written on the token that you are using for the authentication
- verify in ODIS settings you have “Internet” instead of “CPN” (see document “ODIS\_Initial\_Setup\_2.0” (\*))
- click on Cancel and perform the application test (see document “ODIS\_Checking\_ConnectionServer\_SVM\_2.0” (\*)).

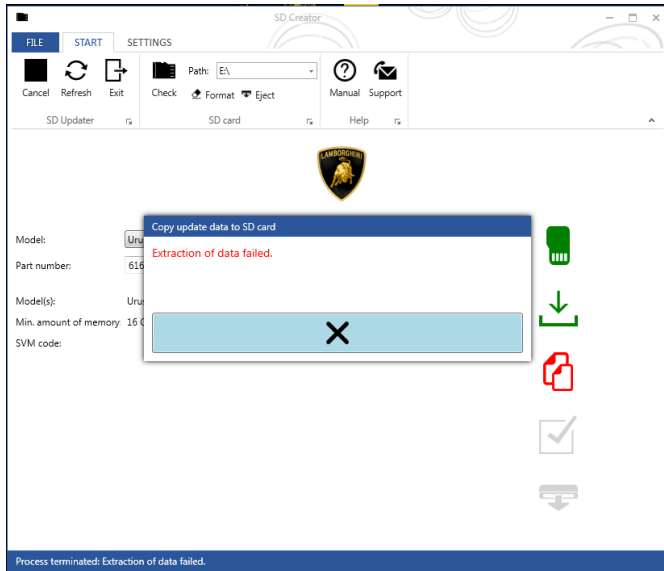


vii. If the same error is present during the application test, try the following procedure:

- quit ODIS;
- Enter the folder C:\Program Files (x86)\Offboard\_Diagnostic\_Information\_System\_Service\automatic\_sessions on your diagnosis laptop;
- delete the only file present in that folder.
- re-Start ODIS Service under following conditions:
  1. Network connection available;
  2. ODIS connection set on “Internet”;
- Retry the application test and the SVM with your GeKO Token.



viii. In the event that the following error occurs, it is necessary to follow the instructions given in **BL.25.18**, which can be downloaded from the Lamborghini HUB.



**IMPORTANT REMARKS:**

*The documents to be mandatory attached to the claim are:*

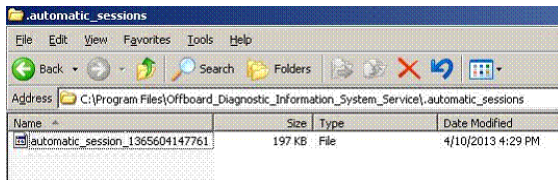
- Job order done;
- Diagnosis Protocol saved.

Failure to follow the procedures may lead to the rejection of the request.



**IMPORTANT:**

*In the case an error is still present, retry the procedure with a second GeKO token, if available.*



**NOTE. (\*)**

*ODIS technical documentation can be retrieved on the Lamborghini web portal, under ODIS section.*