

L636-  
B.04.24

To: After Sales Official Network  
Object: Engine Control Unit software update  
Date: 13/06/2025  
Pages: 8



**Campaign code:**  
L636-B.04.24

**Campaign name:**  
Engine Control Unit software update

**Model:**  
URUS

**Model Year:**  
2019-2020

**Markets:**  
USA, Canada, South Korea

**VIN Involved:**  
ALL

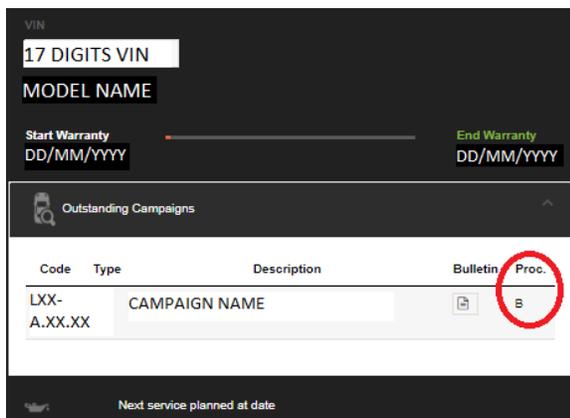
**Important information:** before proceeding with the repair, connect to the Warranty Portal and, using the “VIN Info” function, check that:

- The vehicle is actually affected by the instructions contained in this bulletin.

**NOTE:** some vehicles may not be affected, despite the fact that their Vehicle Identification Number (VIN) falls within the range;

- Only replacement parts that correspond to the specific operation, identified by a letter (such as A, B, C, etc.), are to be used for the chassis being repaired.

Example



**N.B.:**

Operation A will be available only when the instructions require a preliminary check to be performed to determine whether or not the vehicle actually needs updating.

**Information for the service network:**

During ongoing product monitoring, Automobili Lamborghini S.p.A. has determined that some on-board diagnostic (OBD) functions do not fully meet certain regulatory requirements. Consequently, the MIL may not illuminate when a misfire event occurs. This issue has no impact to tailpipe or evaporative emissions.

For this reason it is necessary to update the engine control module (ECM) software.

**Solution for the field:**

Update the car as stated in the follow instructions.



**IMPORTANT!**

Before carrying out the operations contained in this bulletin, please execute any other campaigns planned for this vehicle in the time order in which they were issued. The time order can be identified by the name of the bulletin. Example: L62X-A-04.19 is bulletin number 4 of 2019.

**Spare Parts:**

None

**Management of replaced parts:**

Store the components that have been removed from the vehicle in an appropriate manner, marking them with their corresponding bar codes so that they can be identified during visits by the competent Area Manager.

**Labor time:**

Operation A: 0,1 h

Operation B: 0,5 h

**Previous bulletins superseded.**

None.

Rev.01

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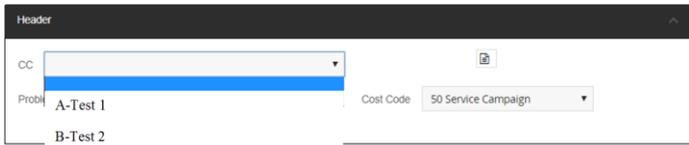
Doc. no.: L/V6\_M06 Rev.[07]

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**Warranty claim instructions:**

To request reimbursement for the repair performed, access the “LIASS” system on the Lamborghini portal and, following the instructions in the system’s “Manuals” section, generate and fill out a Warranty Request. Select the required campaign and proceed with entry; carefully read the options present in the alert message that displayed by the system (see example) and select the option performed on the vehicle.



Reimbursement will be structured as follows, on the basis of the operation performed:

- **OPERATION A:** Check vehicle configuration;
  - o *Step to be executed: I*
  - o *Labour time: 0,1 h*
- **OPERATION B:** SW Engine Update;
  - o *Steps to be executed: from II to III*
  - o *Labour time: 0,5 h*

**Important information:**

attach all documents generated during the work carried out, evidence of the work itself, for instance work orders and diagnostic protocols with BETA-Reports.

If one or more of these is missing, it may lead to a rejected reimbursement request.

Fill out the page in the warranty booklet (identified in the image below) in the section “Service and Recall Campaigns”:

**Tools/Materials required**

Code	Description.	Q.ty
n/a	n/a	n/a



**N.B.**

All O.D.I.S. technical documentation can be viewed on the Lamborghini web portal, in the ODIS section.

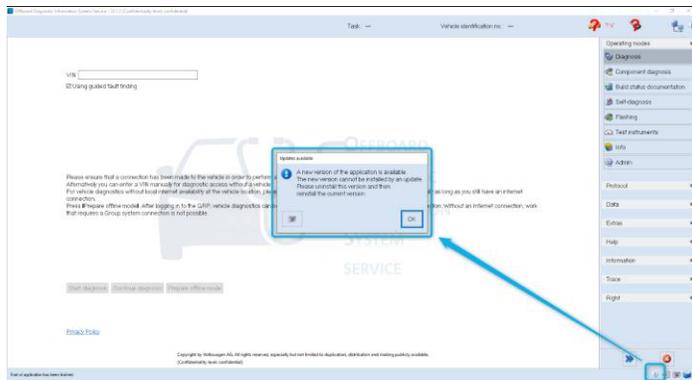


**Preliminary operations:**

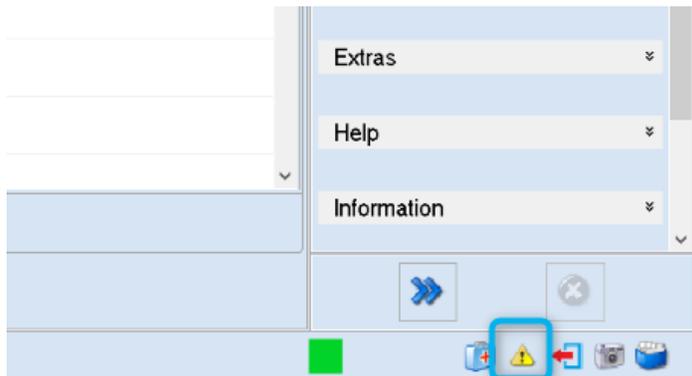
The instructions contained in this bulletin are based on the O.D.I.S. Service diagnosis software updated at the last version. **Please, make sure that O.D.I.S. Service is properly updated on your laptop.**

To do that, open O.D.I.S Service and check if are present one of the icons shown in the images below:

1. Update O.D.I.S Service by uninstalling and reinstalling the SW: further instructions available on the O.D.I.S Self Service APP.



2. O.D.I.S Service “Automobili Lamborghini” post-setup update



If one of these icons appear, please proceeded to update O.D.I.S Service.



**IMPORTANT!**

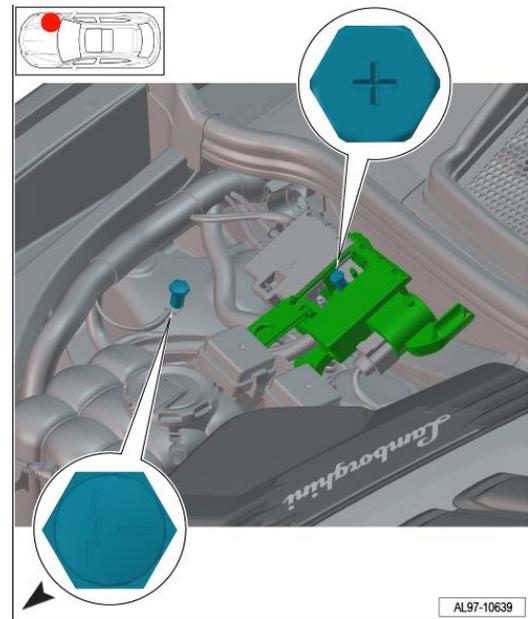
Before carrying out the operations contained in this bulletin is **mandatory** to install the last Hotfix available at the following DMS link:

[Lamborghini DMS → ROOT → Service → Diagnosis → Documents → O.D.I.S. Service → Download → O.D.I.S. Service HOTFIX](#)



**N.B.**

It is essential that you connect an appropriate battery charger to the charge points available in the luggage hood (front center of the vehicle). Please refer to the following figure.





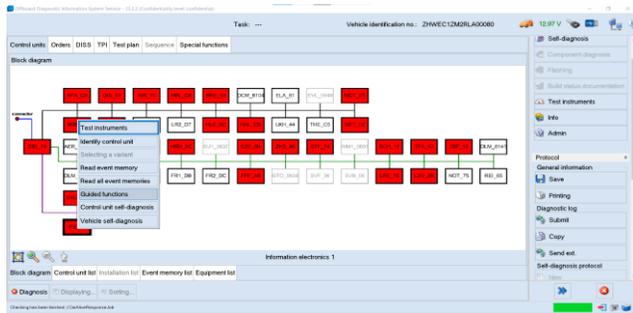
**Repair method:**

The updating procedure described here includes the following steps:

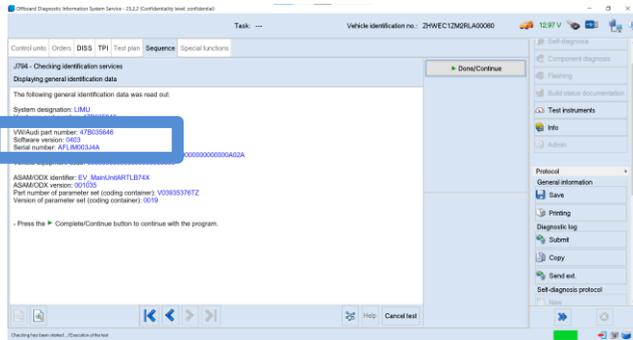
- I. **Check vehicle configuration;**
- II. **SVM update and configuration;**
- III. **Erase fault memory;**

**I. Check vehicle configuration**

1. From the Guided Functions of the ECU 01 run the function **“01 - Identification”**.



2. Check the information indicated in **“Software Version”** and follow the indications of the following table



**SW TARGET:**

Table of reference for control unit 01 (Engine Control Module)			
Software PN	Software version	Model Year	Market
4ML907589A	0005	19	NAR / Korea
4ML907589G	0002	20	

**If the SW is different from the table above, please execute the following steps otherwise skip the campaign.**

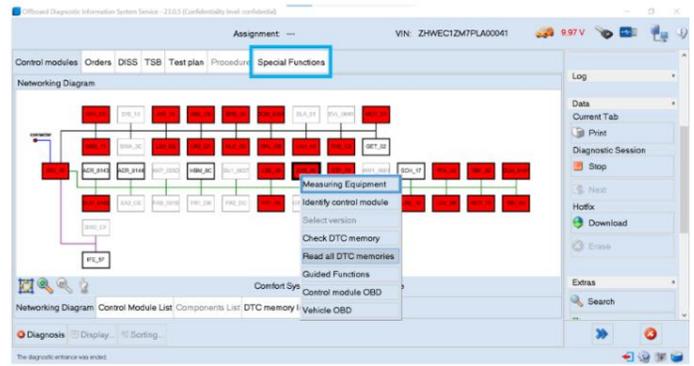
**II. SVM update and configuration**



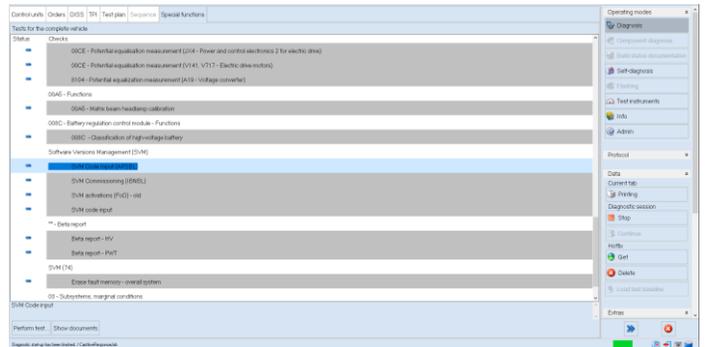
**IMPORTANT:**

Improper use of this function can cause damage to the ECUs.

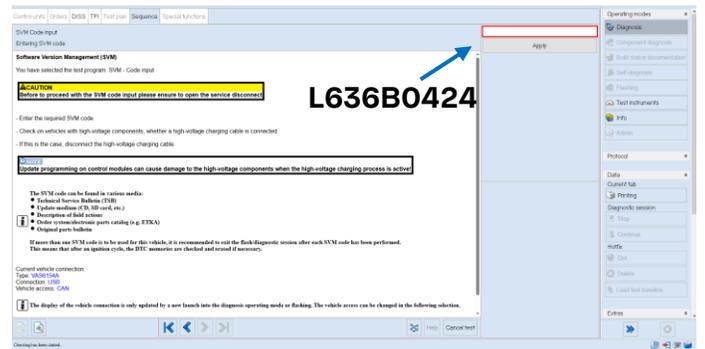
3. To start the procedure to execute an SVM code, select the **“Special functions”** tab in O.D.I.S. Service.



4. Click on **“SVM- Code input (APSBL)”** and then on **“Perform test”**.

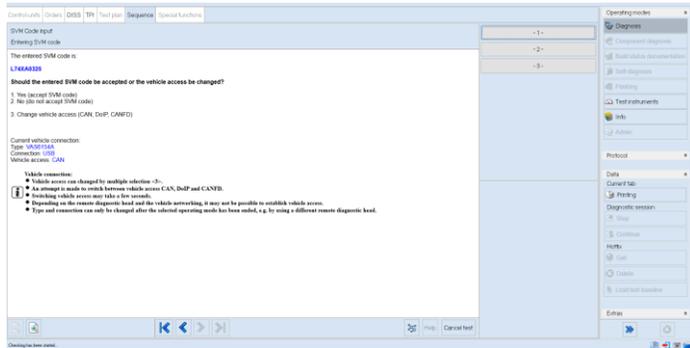


5. Enter the code **“L636B0424”** in the appropriate space at the top right and click **“Adopt”**.





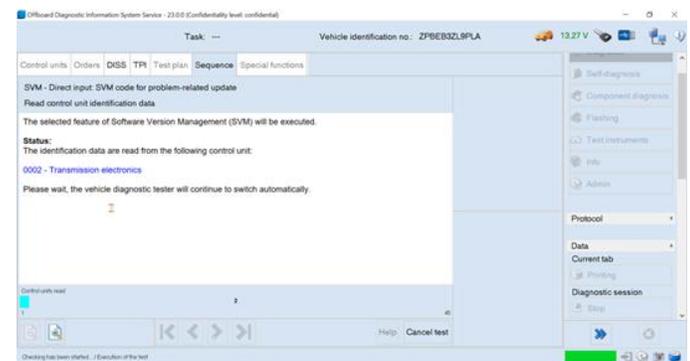
6. The SVM code entered is again displayed in the dialog box. If the entered code is correct, click on “Yes”. Otherwise click on “No” to cancel the SVM procedure.



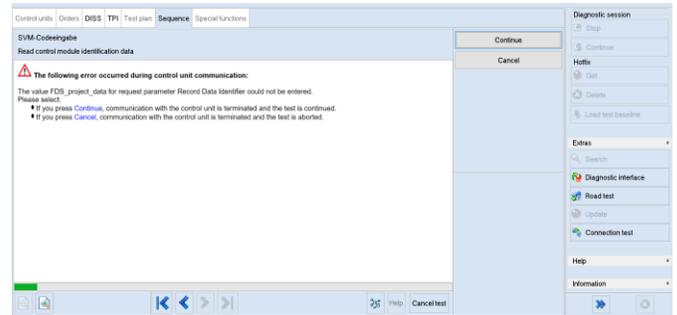
7. Wait for data to be acquired from all the control units. This operation requires a few minutes.



8. The SVM function will automatically continue with identification of the control units in the vehicle.



9. If the following error screen is displayed, the error does not indicate an issue, please press “Continue” and continue with the campaign.



10. It might become necessary to perform one or more of the following operations in the SVM procedure:

- Coding;
- Parameterization;
- Calibration;
- SW Update;

11. To perform these actions, it is usually necessary to click on “Finished/Next” where requested and to follow the instructions directly provided on the O.D.I.S. Service dialog screens.

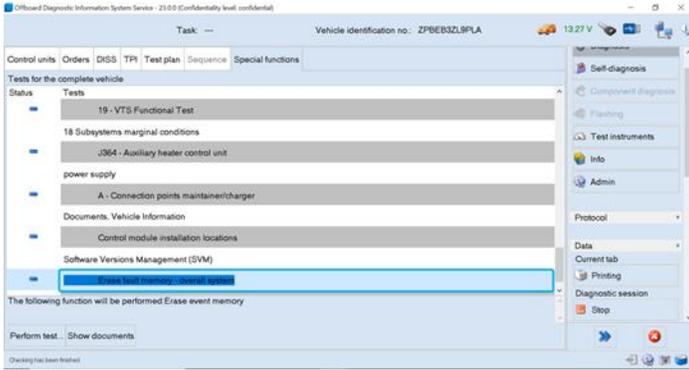
12. After the update, leave the car in sleep for 5 minutes, key off, all doors closed and locked, OBD disconnected.



**Final operations:**

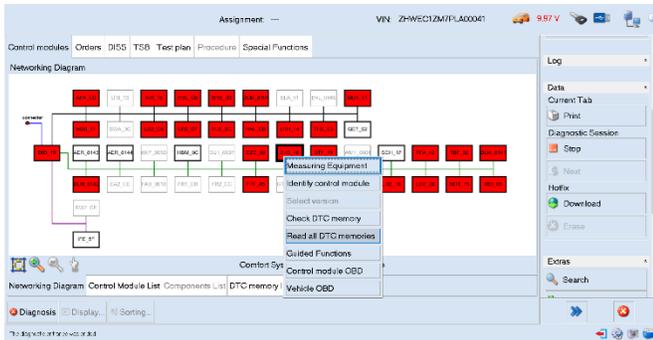
**III. Erase fault memory**

13. Select the “Special Functions” card and then “Erase fault memory - overall system” in order to delete all stored faults.



The complete guide for deleting faults is available in the chapter “Reading/cleaning event memory” on app “ODIS Self Service Guide”, available on Lamborghini HUB portal.

14. Go back to the “Block diagram” card and select “Read all fault memories” from one of the vehicle’s control units in order to update the display of the faults present after deletion.



**IMPORTANT:**

Solve any faults still present by performing the functions listed in the “Test plan”. Perform the procedure “**Error! Reference source not found.. Erase fault memory**” again until all faults are fully removed from the vehicle’s control units.

**/\* Diagnosis protocol saving \*/**

15. Save the Diagnostic protocol as described in the chapter “Saving a diagnostic protocol” on app “ODIS Self Service Guide”, available on Lamborghini HUB portal when the procedure described in this document is completed.

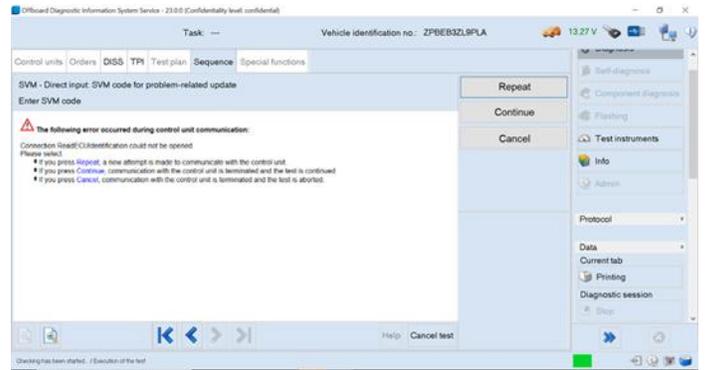


**IMPORTANT:**

The Diagnostic Protocol must be attached to the Corresponding Warranty Request in LIASS (to enter the request on the web portal, refer to the W.Claim manual which you can consult in the Warranty section of the portal).

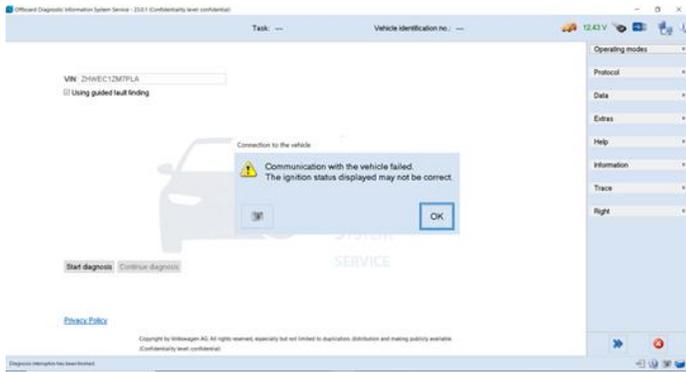
**Trouble shooting for generic issues:**

A. If the following error screen is displayed, abort the guided function by clicking on “Cancel Test” and contact Technical Support.



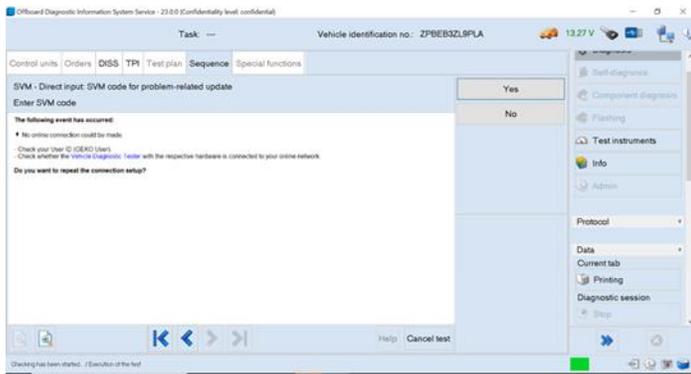
B. If an error is displayed that regards the hardware interface, and the "connection to vehicle" and "key state" icons appear as shown in the figure below:

- Click “Cancel”;
- Repeat installation of the interface 6154/6154A/6154B for the instructions in procedure (\*)“Checking the VAS 6154”, selecting the right-hand “Extras” menu in O.D.I.S. and clicking on the “Diagnostic interface” button.



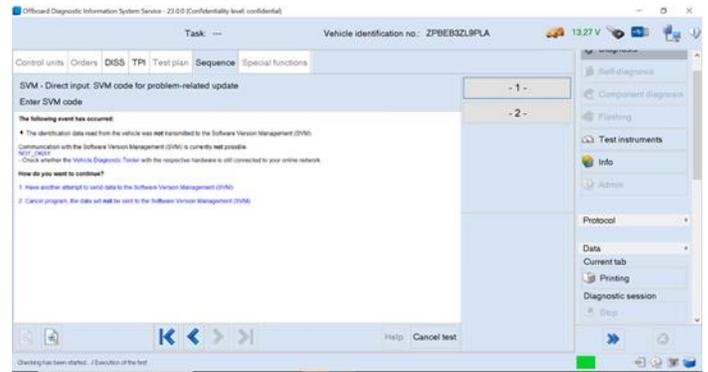
C. If the following connection error is displayed like in the following example screenshots:

- It is not possible to connect to the central server; check that your laptop is correctly connected to the Internet and retry by clicking on “Yes” or “Done/continue”, as appropriate.



D. If the connection is dropped during the course of the target/actual comparison during the SVM procedure:

- It is not possible to connect to the central server; check that your laptop is correctly connected to the Internet and retry by clicking on “1”.



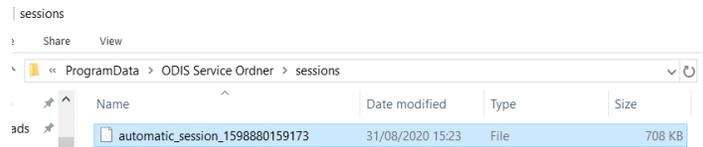
E. If the same error type should reoccur during the application test, try the following procedure:

- Exit O.D.I.S.
- Restart O.D.I.S. ensuring that:
  1. You have a network connection
  2. The O.D.I.S. connection is set to Internet
- Run the connection test again, and perform the SVM again.

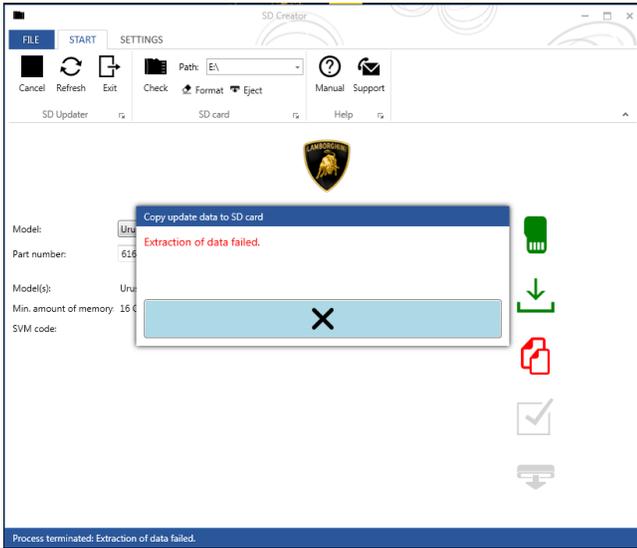


**IMPORTANT:**

If the error occurs again, repeat the procedure.



If the following error should occur, it is necessary to follow the instructions given in BI.25.18 (Rev.02), which can be downloaded on the Lamborghini HUB portal:



N.B.

All O.D.I.S. technical documentation can be viewed on the app “ODIS Self Service Guide” available on Lamborghini HUB portal.



**IMPORTANT:**

*The documents which must be provided together with the operation under warranty request are:*

- *Produced Repair Order*
- *Saved Diagnostic Protocol with BETA report*

*Failure to follow these procedures could lead to the request being rejected.*

For more information, please contact your Area Manager or open a ticket to Technical Support in Lamborghini KEY (Request – General Information – After Sales Services - After Sales Technical Support).

Regards,  
Lamborghini Service

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