To:AfterObject:EngDate:13/0Pages8

### After Sales Official Network Engine Control Unit software update 13/06/2025



# Campaign code: L636-B.04.24

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

# Model:

<u>URUS</u>

Model Year: 2019-2020

Markets: USA, Canada, South Korea

# VIN Involved:

<u>ALL</u>

**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.





#### 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### **Previous bulletins superseded.** None.

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1/8



#### 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.

Header					^
22	•		- M		
Proble A-Test 1		Cost Code	50 Service Campaign	•	
B-Test 2	-				
C-Test 3					

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

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

factor frances and for the second sec	
Sector/Sector Sector/Sector Lenico	Sarvis:Sarvis Sarvis:Sarvis Sarvis:Sarvis Sarvis:Sarvis
Nerfeel/Numer Nerfiel/Numer Nerfiel/Numer	Successive States
Data/Data#State/State/State	Deta/Deta/Deta/Fecha
Grean Constant Cons	Deta roamstone/Repairster feitiant Repair DetADate de repairation Fecha repairation
Elema / Latterschift / Gasadone / Scientines / Rome	Research and the local sector of the Character and the
Ciritia / Unterspiriti / Seguriture / Seguriture / Firma	12ma / Unitercited / Signature / Signature / Tense
Creat/Unstantinit (Separator / Separator	Const (Description) (Speciary (
Trime (Laterschift / Sepanner / Pressen	Anne ( Janes Child, Tapphere / Speniere / Tone

#### 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.

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#### **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

	Extras		×	
	Help		¥	
~				
	Information		¥	
				v
	>>>	3		
		(i) A + (ii)	٣	

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  $\rightarrow$  ROOT  $\rightarrow$  Service  $\rightarrow$  Diagnosis → Documents → O.D.I.S. Service → Download → O.D.I.S. Service HOTFIX



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.



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3/8



#### Repair method:

The updating procedure described here includes the following steps:

- L. Check vehicle configuration;
- II. SVM update and configuration;
- III. Erase fault memory;
  - I. <u>Check vehicle configuration</u>
- 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

								Task:	1	/ehicle	identifi	cation no.: 3	ZHWEC1ZM2RLA0	0060	<i>i</i> 12,9	av 🍗	•	
ontrol units	Orders	DISS	TPI	Test plan	Sequence	Specia	Itunction								100 5			
DM - Cherl	ing ident	Newing													<b>1 C C</b>			
Displaying ge	neral ide	ntificatio	n dat	a									<ul> <li>Done/C</li> </ul>	onlinue	61	lashing		
The following	general	identific	ation	data was	read out:										1	uid status		
System desig	nation: L	JMU														Fest instrum	nents	
W/Audi nar	l number	47803	5846												<b>8</b> F	nto		
Software ver Serial number	sion: 040	3																
							0000000	1A02A										
ASAM/ODX	dentifier:	EV M	ninUn	MARTLB7	CX.										Proto	col		
ASAM/ODX- Part number	of param	oo1035 eter sei	(cod	ling contai	ner): V038	15376TZ										Save	non	
Version of pa	irameter	set (coo	ting (	ontainer):	0019											Drinting		
Press the	Comple	te/Coni	inue	buttion to a	continue wi	th the pro	gram.								Diag	nostic log		
															÷.	Submit		
															3	Сару		
																Send ed.		
															Sel-	diagnosis p	protocol	
																1.44		

### SW TARGET:

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

#### 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.



 Click on "<u>SVM- Code input (APSBL)</u>" and then on "Perform test".



5. Enter the code "L636B0424 " in the appropriate space at the top right and click "Adopt".

antrol units Orders DISS TPI Test plan Sequence Special functions		Operating modes	
SVM Code text		😳 Diagnosis	
Intering SVH code		Apply Component d	
Joftware Version Management (SVM)		Build status d	
fou have selected the lest program: SVM - Code input		🏨 Self-dagnosis	
Acaution	107000404	Stating	
Before to proceed with the SVM code input please ensure to open the service disconnect	L636B0424	Test instrume	erts
Enter the required SVM code.		🛸 info	
Check on vehicles with high-vollage components, whether a high-vollage charging cable is connected.		i denne	
If this is the case, disconnect the high-voltage charging cable.		- The second	
Conserva		Ptotocol	
Update programming on control modules can cause damage to the high-voltage components when	n the high-voltage charging process is active!		
		Data Output tab	
The SVM code can be found in various media:		Printing	
<ul> <li>Technical Service Balletin (TSB)</li> <li>Update medium (CD, SD card, etc.)</li> </ul>		Diagnostic sessio	on
Description of field actions     Order number/operior control of the ETEA)		Stop	
Original parts bulletin		4. Continue	
If more than one SVM code is to be used for this vehicle, it is recommended to exit the flash/diagnostic set This more that dimensioning and the NVC more a checked and ensued if assessed	sion after each SVM code has been performed.	Hothy	
The line of any an grant (yes, as are interested and the same as		Get Cet	
urrent vehicle connection:		Contra 1	
ionection: USB			
enice access. CAN		S Load test bas	
The display of the vehicle connection is only updated by a new launch into the diagnosis operating mode of	r flashing. The vehicle access can be changed in the following selection.		
		Cres	
	Cancel test	)	

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4/8



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.

Task	Vehicle identification no: ZPBEB3ZL9PLA	🛹 13,27 V 🍗 🖬 👘
retrol units Orders DISS TPI Test plan Sequence Special functions VM code input is started.		) fail-diagnosis Component diagnosis E Plashing
lease wait, the vehicle diagnostic tester will continue to sw 5:30:54	itch automatically:	Con Test instruments
		Data Current tab Diagnostic session
	the country	A top

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

Task: Vehicle identification no.	ZPBEBJZLIPLA 🧀 13.27 V 🍅 🛄 💾
Control units Ordens DISS TPI Test plan Sequence Special functions	B Set dagrees
SVM - Direct input: SVM code for problem-related update	Component diagnosis
Read control unit identification data	
The selected feature of Software Version Management (SVM) will be executed.	its heating
Status:	(2) Testingnesem
me centracation data are read from the lobowing control unit.	@ 14
Please wait, the vehicle diagnostic tester will continue to switch automatically.	
1	
	Protocol
	Data +
	Current tab
	at Phinting
antro onto mar	Diagnostic session
,	4 (http://www.com/a
10 0 0 0 01	

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

Control units Orders DISS TPI Test plan Sequence Special functions		Diagnostic session
Dill Codesing the		Stop
Read control module identification data	Continue	Continue
A	Cancel	Hotlix
The following error occurred during control unit communication:		Get Get
The value FDS_project_data for request parameter Record Data Identifier could not be entered.		C Delete
<ul> <li>If you press Continue, communication with the control unit is terminated and the test is continued.</li> <li>If you press Cancel, communication with the control unit is terminated and the test is aborted.</li> </ul>		Load test baseline
		Extras
		🚱 Diagnostic interface
		🚀 Road test
		Update
		🌯 Connection test
		Help
		Information

- **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.

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### 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.

Decourt Carp	0300 03000	secon share	in Second ( 7100.1	concernancy e	ver cocoosenar)					- 0	~
			1	lask		Vehicle identification no.	ZPBEB3ZL9PLA		3.27 V 🍗 🕻		3
Control units	Orders	DISS	TPI Test plan	Sequence	Special functions						-
Tests for the	complete	vehicle							Self-diage	105/5	
Status	Tests							^	Currone		
-	<ul> <li>19 - VTS Functional Test</li> </ul>						d) Flathing				
	18 Sub	systems	marginal cond	tions				_	Test instr	uments	
		J364 -	Auxiliary heate	r control unit					😭 Info		
	powers	supply							Admin		
-		A - Cor	nection points	maintainet/c	harger						
	Docum	ents. Vel	icle Informatio	n					Protocol		
-		Contro	module instal	lation locatio	ns				Data		
	Softwar	e Versio	ns Manageme	nt (SVM)					Current tab		
-		Trese	ault memory -	overall system					Printing		
The following	function	will be p	erformed Eran	e event men	lory				Diagnostic set	ssion	
									Stop		
Perform test	Show	docume	vta						*	0	
Owners have been	Inches								-	- Q 3	-

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.

Control modules	Orders	DISS	TSB Test plan	Procedure	Special Functions				1.00	
Networking Diag	ram								Log	
	APA (33)	08,15 508,30 468,614	AH, IS HIS, A HIS CO OCP_DOD HISA FAILOUTE FILL	00         800, 40           07         11.4, 40           00         500, 0137           08         FR2, 60	EXE BUI DA. 250 EXE BUI EXE BUI EXE BUI Measure Mea	ne ce act_a ne ce act_a ing Equipment control module	501_27 114,2	THE DAM SH	Data Current Tab Diagnostic S Stop	assion
	NUO CE				Check Read a	DTC memory II DTC memories Eurotions			Cownia Cownia	KU
🔁 🍳 🔍 '	ł.				Contort Sys	martula (200			Extras	
Networking Diag	ram Con	trol Mor	lule List Compor	nents List DT	C memory   Vehicle	OBD			Search	
ODiagnosis	Display	N So	ting				_		*	8



Solve any faults still present by performing the functions listed in the "Test plan". Perform the procedure "Error! Reference source not found.. E rase fault memory" again until all faults are fully removed from the vehicle's control units.

### <u>/\* Diagnosis protocol saving \*/</u>

**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.

Repeat Continue Cancel	<ul> <li>Sett diagrams</li> <li>Component diagrams</li> <li>Flashing</li> <li>Test instruments</li> <li>Info</li> </ul>
Repeat Continue Cancel	Component diagnoses Fisching Test instruments info
Continue Cancel	C Flething
Cancel	Ca Test instruments
	📦 Info
	Protocol
	Data •
	Current tab
	Diagnostic session
	3 Dec
	>> 0

- **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.

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- 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.

		Т	ask		Vehicle identification	no: ZPBEB3Z	LIPLA	🚙 13.27 V 🌂		19
ontrol units Orders	DISS TPI	Testplan	Sequence	Special functions				1.000	file the state	
WM - Direct input: S	SVM code for p	er-meldorq	lated update				Yes	eom		
Inter SVM code	CCUTHE						No	di Tier	ung	
No online connection cos	old be made							Ca Test	instruments	
Check entertier the Vence to you want to receal the	· Displostic Tester	with the respec	five hardware is o	onnected to your online refe	work.			😭 Info		
								Protocol		
								Data		
								Current to	ib ion	
								Diagnost	ic session	
								(8) Sep.		
		K	< >	>	Help	Cancel test		30	0	
									17 ( ) m	100

- **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".

antrol units Onders DBS TPI Test plus Sequence Special functions WW - Direct input SWM code for problem-related update WW - Bread as served.	.1.	Deficieptore Composent diagrams				
VVM - Direct input: SVM code for problem-related update Inter SVM code W Milliong wark has sourced	-1-	C Component d'agrees				
Enter SVM code w fallowing event has occurred:	2	Component diagrames				
te following event has occurred:	2					
	The following event has occurred: -2 -					
The identification data read from the vehicle was net transmitted to the Software Version Management (SVM).		O Test instruments				
entrumotation with the Software Version Management (SVM) is currently net possible. (//		into				
ew do you want to continue?		26.2011				
Have another attempt to send data to the Scheare Version Management (SVMD						
Carlor program, the data will east to the fullness Version Management (VVM)						
		Protocol *				
		Data *				
		id Printing				
		Discussion section				
		Chaptosic session				
🔄 🛋 🔣 K 🔇 🔪 Help Cano	vel test	>> 3				

- 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.

ses	sessions								
	Share	View							
۰ ]	ProgramData > ODIS Service Ordner > sessions								
	* ^	Name	Date modified	Туре	Size				
ads	*	automatic_session_1598880159173	31/08/2020 15:23	File	708 KB				
	-								

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:

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L636-B.04.24 To:

**Object:** 

Date:

**Pages** 

**After Sales Official Network Engine Control Unit software update** 13/06/2025 8







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 wirh 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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