To   All Lamborghini Dealers and Licensed Service Point .
From   After Sales Department.
Subject   Engine Software Update.
Group   10.01.00
Date   09/11/2012
Pages   17

Subject
Engine software update.

Model
All Lamborghini Gallardo Coupè and Spyder version LP My 2011 and 2012.

Warning: some vehicles included in this VIN range may not be affected, so check carefully on the Lamborghini WEB Portal (at the section named VIN Info) if the cars in your workshop or in your eventual stock are effectively affected before performing any other operation.

Information to the field
As a continuous product monitoring, Automobili Lamborghini Spa has found that the engine light may sporadically turn on warning a ghost misfiring .

Field solution
Update engine software.

Warranty Claim data

The warranty reimbursement request for this rework action will be managed by the following standard Warranty Claim procedures.

Campaign Code:	**L71X-A.01.12**
Campaign Description:	**Engine software update**
Cost Code:	**50**
Component Code:	**CCA0112**
Trouble Code:	**220**
Labour Code:	**CCA0112100**
Labour Time:	**1 h**

Fill out the Service and Recall Campaign section in the warranty booklet, which is shown in the figure below.

Preliminary operations:

1	Please be sure to have installed the LaRA After Sales version 7.0 as described in the information bulletin BI.10.12.
2	Help documentation: Gallardo MY11 e MY12 repair manual • chapter 10.90.00

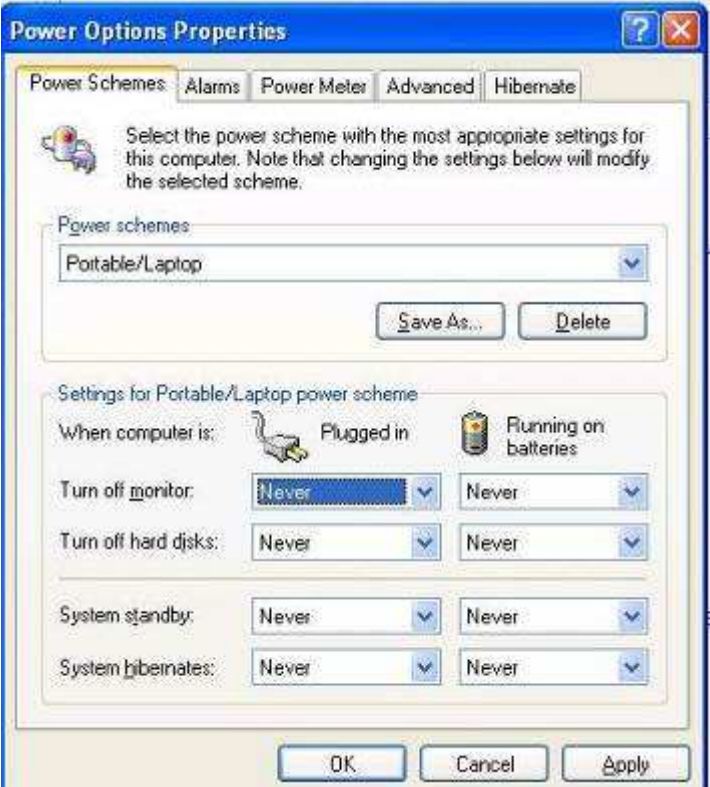**Workshop instructions**

Preliminary operations

WARNING!

The update procedure for the Engine ECU's (Master and Slave) lasts more than 40 minutes, hence it is necessary to plug the diagnostic laptop into an electrical socket and to deactivate screen savers and all the energy saving options in order to avoid any interruption of the procedure.

Deactivation of energy saving options

1	Select "Control Panel" from the menu "Start".	
2	Select "Power Options".	

3	Choose "Never" for all the power options.	

4	Confirm clicking on "Apply".	

Update procedure:

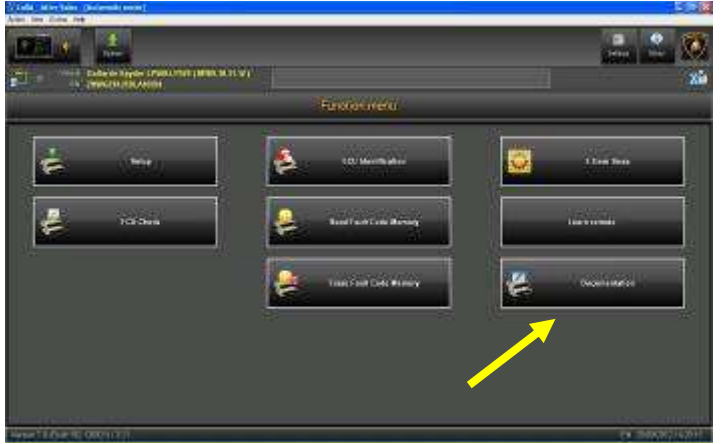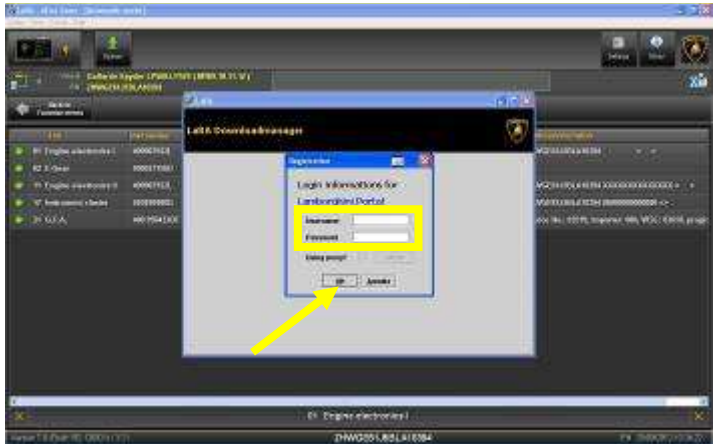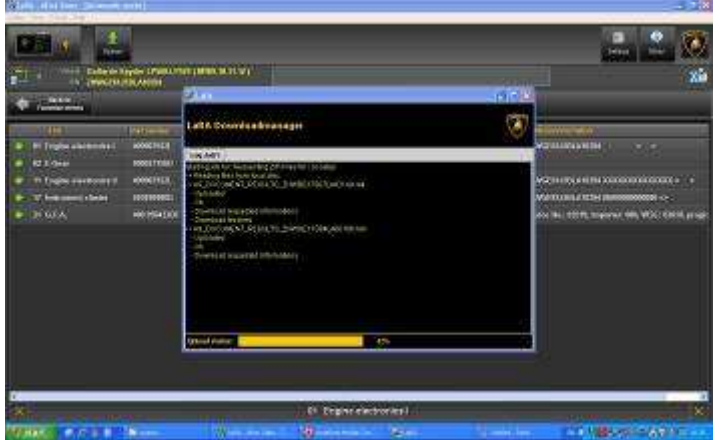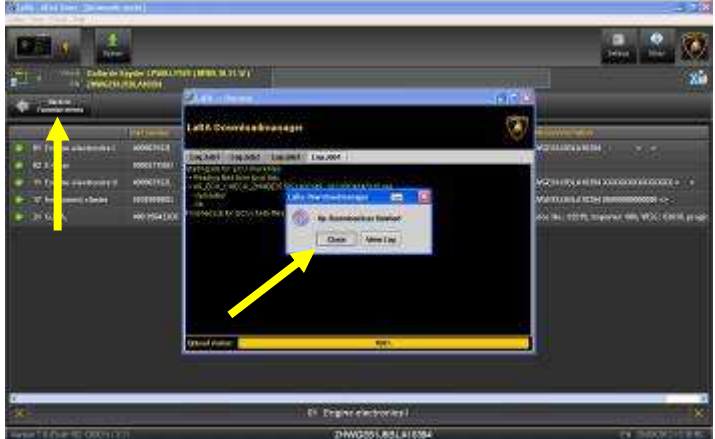|	
1	Connect the vehicle to the battery charger in order to maintain a constant voltage supply during programming.
2	Connect the diagnostic laptop at the vehicle using the Basic XS interface (p/n 66095011) with the black cable (p/n 69190206).
3	Turn the ignition key ON; start the LaRA software and select the "Gallardo Coupè LP570-LP560-LP550 (MY09-10-11-12)" or "Gallardo Spider LP560-LP570 (MY09-10-11-12)". Then select "Automatic mode".
4	Click on "Next".

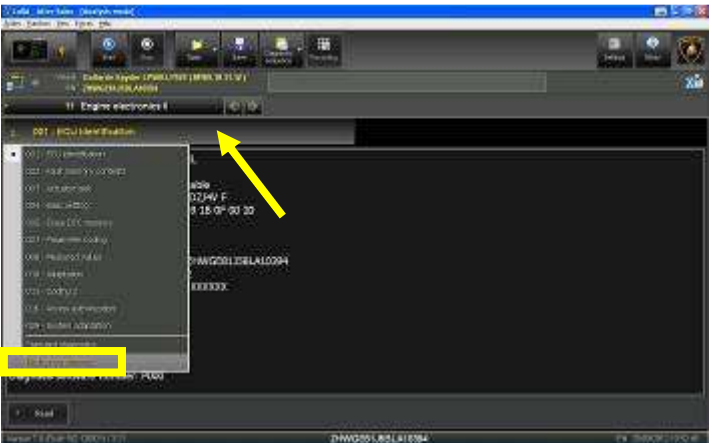|		
5	Click on "Documentation".	
6	Click on "Yes" in order to start the upload. Note: Be sure that diagnostic laptop is connected to the internet network before starting the upload.	
7	Insert your user name in the field "Username" and the pin 1324 + current 6 digit code displayed on your web token in the field Password. Then confirm clicking on "OK".	

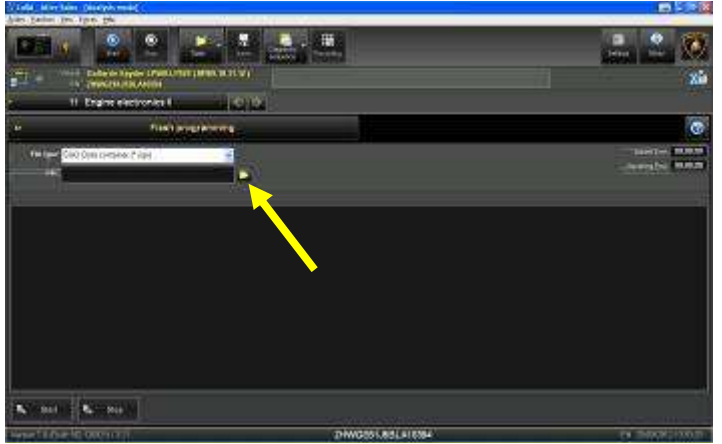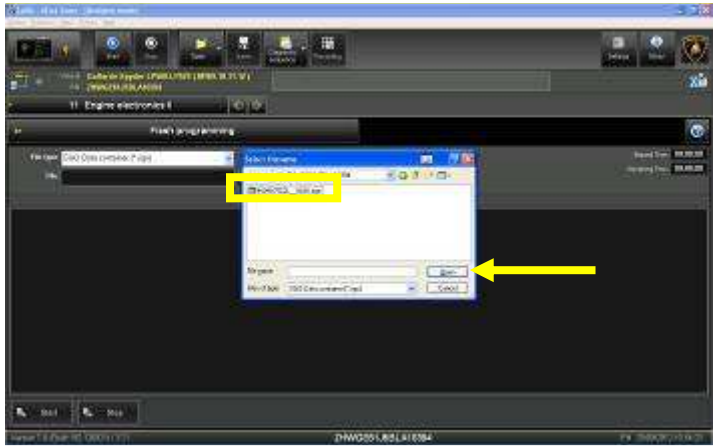|		
8	The procedure Documentation proceeds automatically.	
9	Click on "Close". Then click on "Back to Function menu" as shown in the picture.	
10	Click on "Back" to return to the main menu of LaRA, as shown in the picture.	

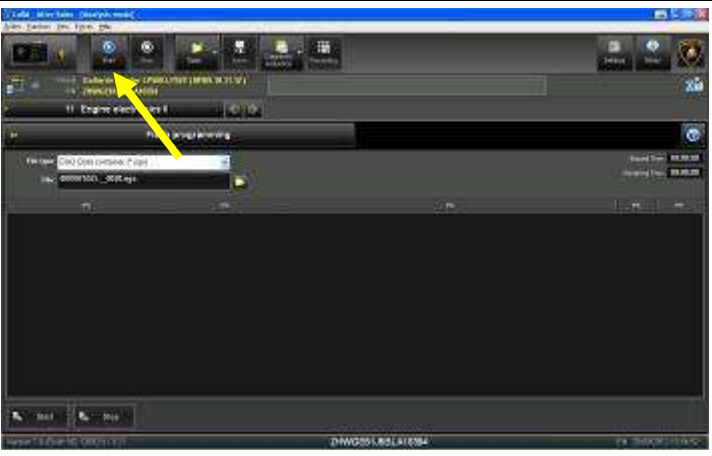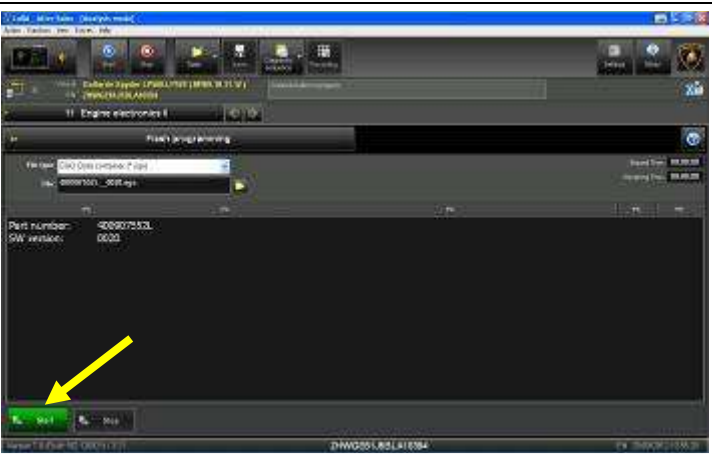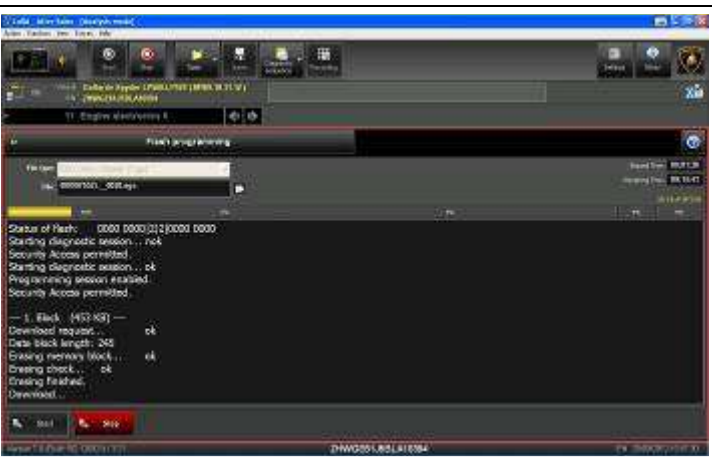|		
11	Select the "Analysis mode" button.	
12	Click on the top left of the toolbar. Select the "11 Engine electronics II" and confirm clicking on "OK".	
13	Select "Flash programming" from the function menu.	

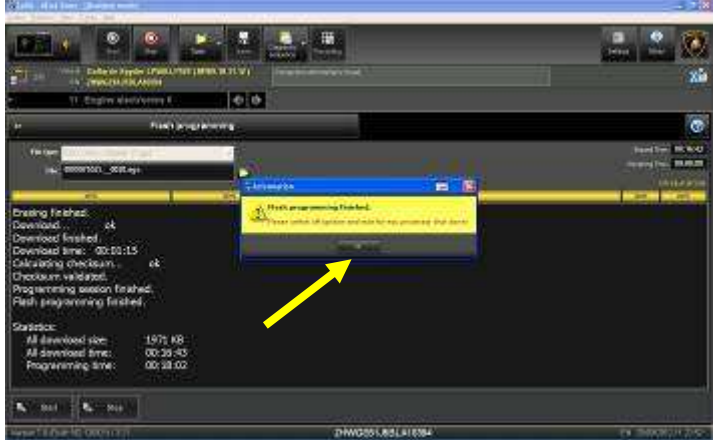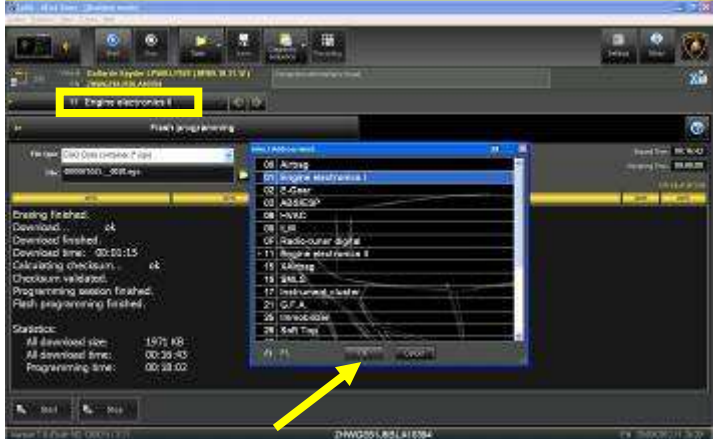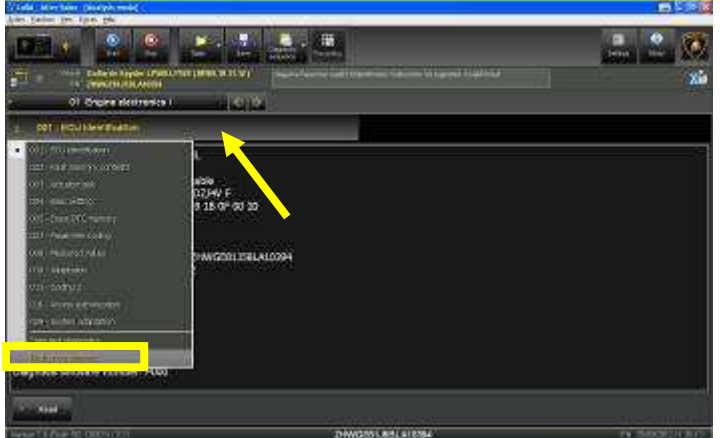|		
14	Click the folder icon for the selection of the File Type "SGO Data container".	
15	Select the VIN of the corresponding vehicle and then click on "Open", as shown in the picture.	
16	Select the File *.sgo and click on "Open", as shown in the picture.	

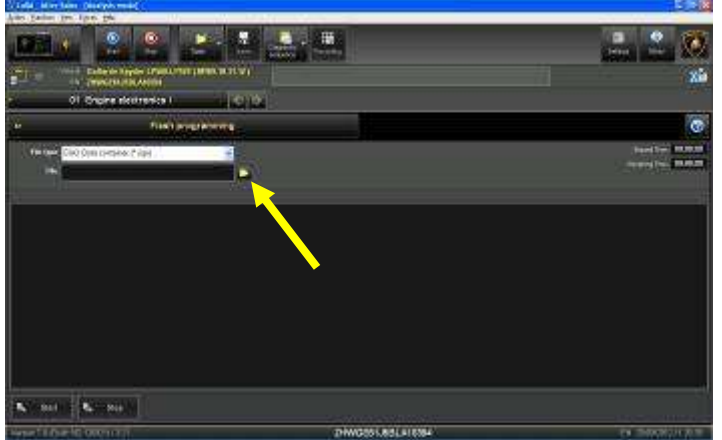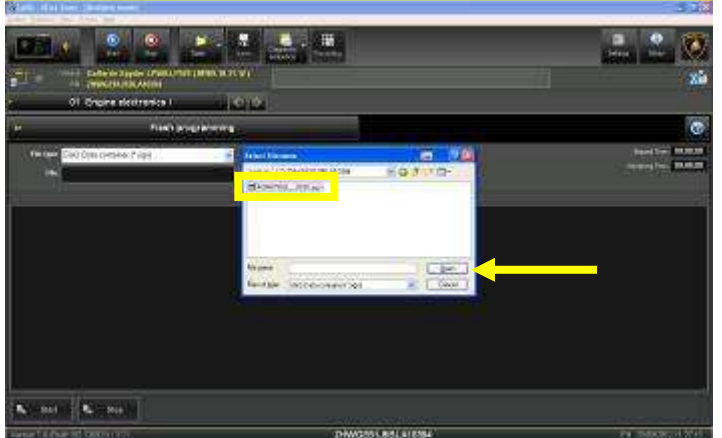|		
17	Click on "Start", as shown in the picture.	
18	Click on "Start" in order to update programming the ECU "Engine electronics II" (ECU Engine Slave).	
19	Wait until the update programming is completed (estimated time: 18 minutes).	

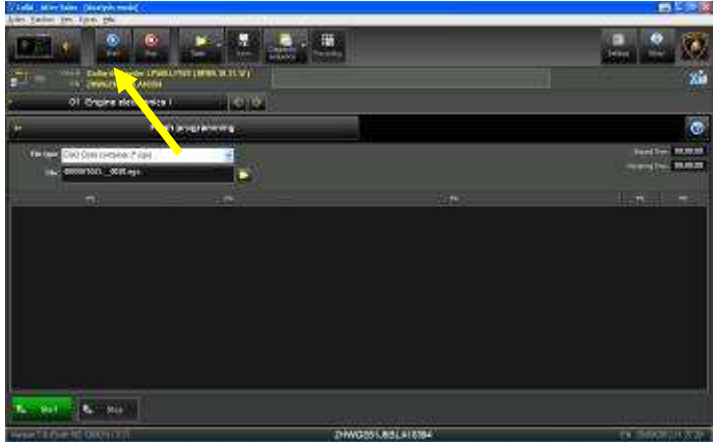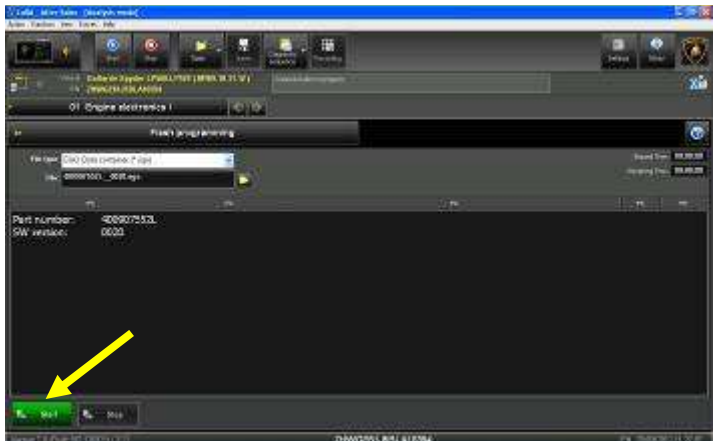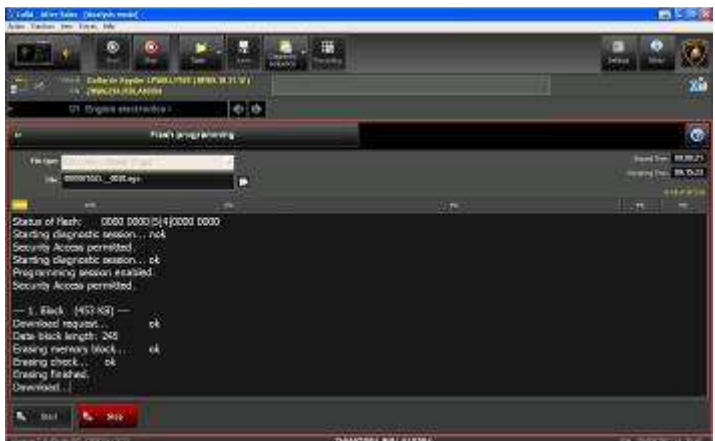|		
20	The flash programming for the ECU Engine Slave is finished. Click on "OK" without switch the ignition OFF. If the update programming has not been completed or has been unsuccessful, switch the ignition OFF and wait 1 minute before switching the ignition back ON again and repeat the procedure from step **13.**	
21	Click on the top left of the toolbar. Select the "01 Engine electronics I" and confirm clicking on "OK".	
22	Select "Flash programming" from the function menu.	

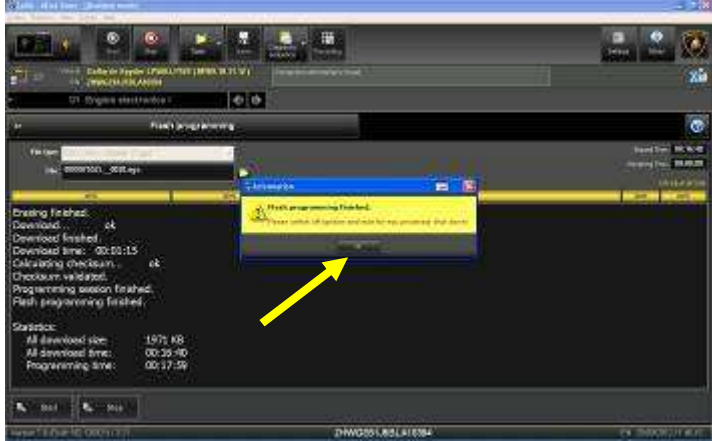|		
23	Click the folder icon for the selection of the File Type "SGO Data container".	
24	Select the VIN of the corresponding vehicle and then click on "Open", as shown in the picture.	
25	Select the File *.sgo and click on "Open", as shown in the picture.	
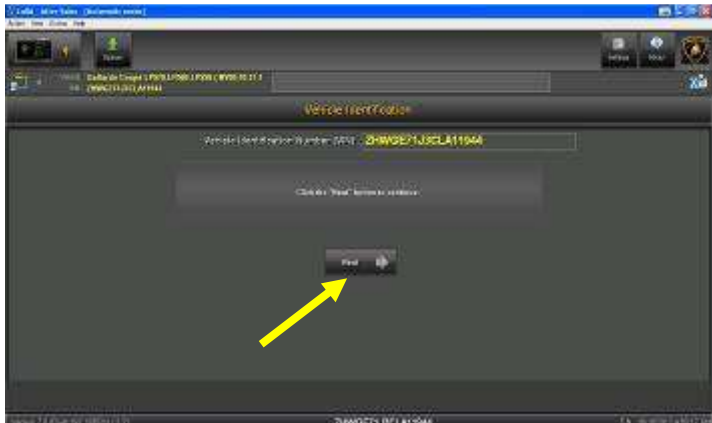
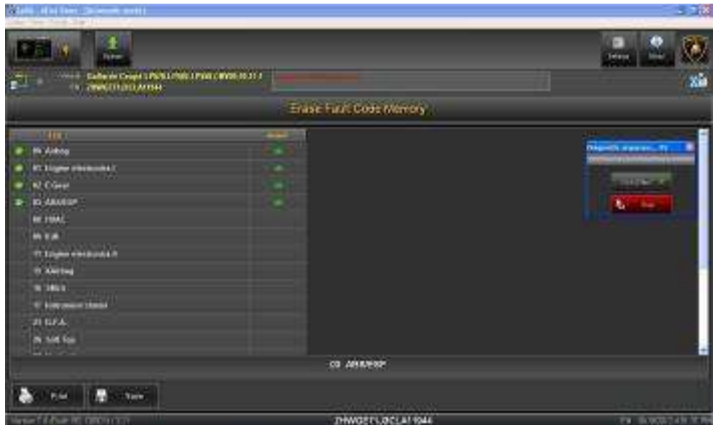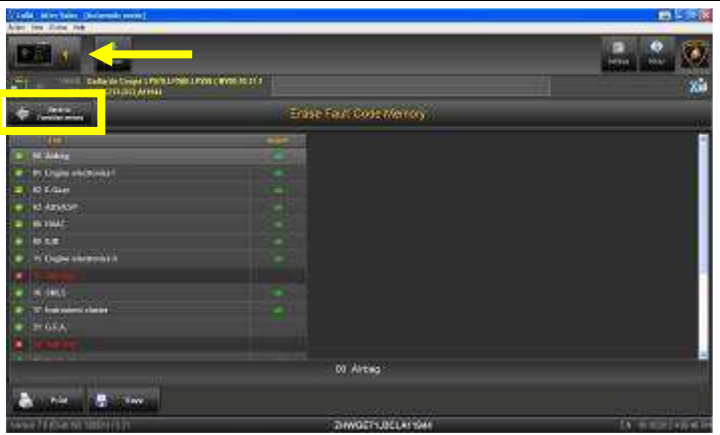| 26	Click on "Start", as shown in the picture.	
27	Click on "Start" in order to update programming the ECU "Engine electronics I" (ECU Engine Master).	
28	Wait until the update programming is completed (estimated time: 18 minutes).	

29	The flash programming for the ECU Engine Master is finished. Click on "OK" and switch OFF the ignition for at least 1 minute, before switch the ignition back ON again. If the update programming has not been completed or has been unsuccessful, switch the ignition OFF and wait 1 minute before switching the ignition back ON again and repeat the procedure from step **22.**	
30	Return to the main menu of LaRA, then select the "Automatic mode" button, as shown in the picture.	
31	Click on "Next".	

32	Select and run the program "Erase Fault Code Memory" to clear all the faults stored because of the software update.	
33	Wait until the erase of all the errors present in the vehicle's ECU is finished.	
34	Click on "Back" to return to the main menu of LaRA, as shown in the picture.	

35	Finally perform these "Basic setting" from Analysis mode".
	
	On the ECU "01 Engine electronics I" (ECU Engine Master):
	
	  • Routine 60 adaptation throttle body
	
	  • Routine 142 adaptation of the tumble valves
	
	On the ECU "11 Engine electronics II" (ECU Engine Slave):
	
	  • Routine 60 adaptation throttle body
	
	  • Routine 144 adaptation of the tumble valves
	
	  (see also the workshop manual instructions chapter 10.90.00).

For any further information you may need please contact
service.department@lamborghini.com

Best Regards

After Sales Department