



To: All Authorized Lamborghini Dealers and Service Centers
From: Customer Service Department
Re: GFA E.C.U. Software update- engine oil level warning light
Date: 12/02/2010
Pages: 14

Subject:

GFA E.C.U. Software update - engine oil level warning light

Model/VINs involved:

All Gallardo Coupé and Spyder, MY 2010 from VIN 8844 al VIN 9474.

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 for the field

As a result of a continuous product monitoring, Automobili Lamborghini S.p.A. has found that the oil level light which warns when the engine oil level is low in the tank might not be switched on.

Solution for the field

Follow the herein reported instruction to update the GFA control unit

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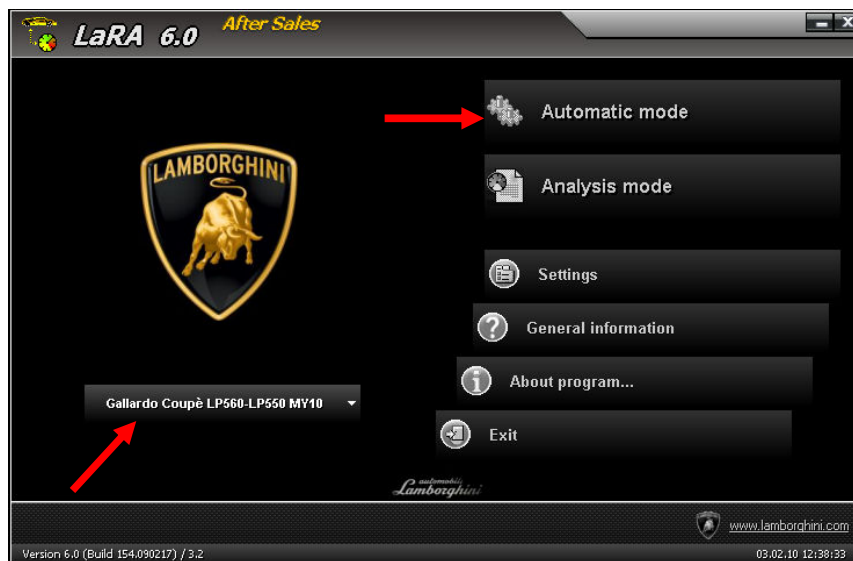
Workshop instructions



WARNING!

Carry out all the operations with cold engine and ignition key switched ON. We advise to connect a battery charger to the car battery in order to avoid voltage drops . Be sure that diagnosis tester is connected to the Internet network.

- 1.1 Please observe all safety precautions in order to prevent personal injury or damage to the vehicle.
- 1.2 Connect the diagnostic laptop to the OBD socket using the Basic XS interface (p/n 000200-48a) with the black cable (p/n 000200-48b).
- 1.3 Connect the diagnostic laptop to the CAN socket using the PC-CAN Interface cable (p/n 000200-47a).
- 1.4 Switch the ignition key ON; connect to the vehicle with LaRA software and select the model Gallardo Coupè or Spyder LP560-4 MY10. Select the Automatic Mode function (Pict.1).

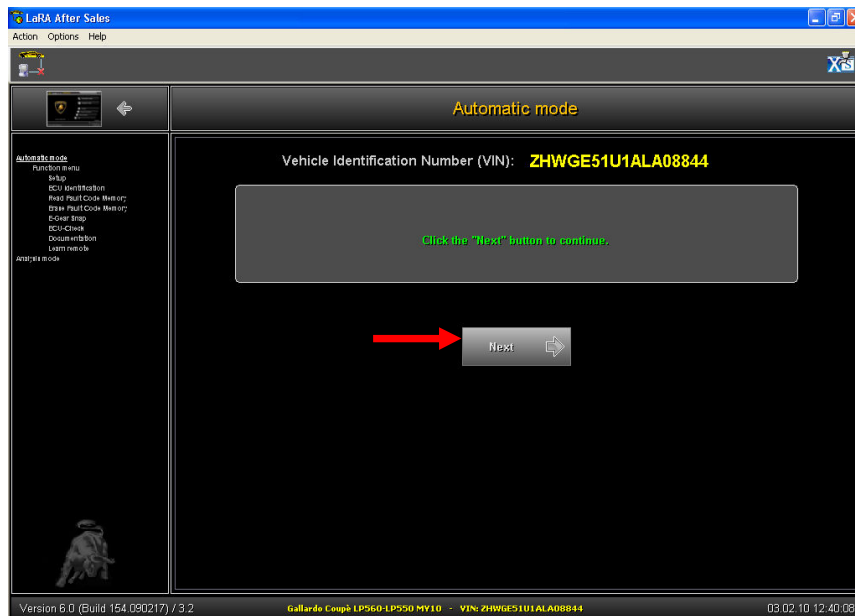


Picture 1

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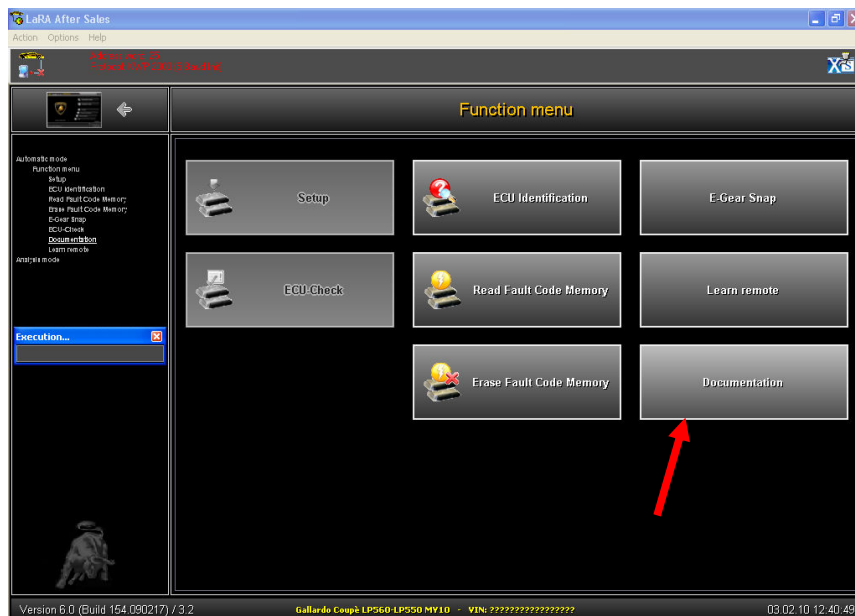


1.5 Click on “Next” after the software has carried out VIN reading (Pict.2).



Picture 2

1.6 Select “Documentation” from the Function menu (Pict.3)



Picture 3

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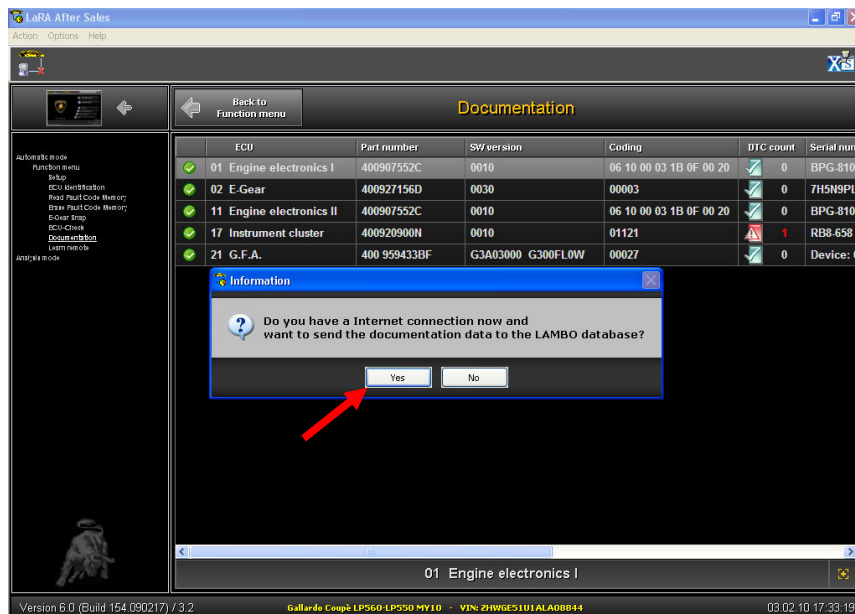


1.7 Wait until software acquires all the information from vehicle ECUs (Pict.4)



Picture 4

1.8 Be sure that diagnosis laptop is connected to the Internet network and click on “Yes” (Pict.5). **NOTE:** It is also possible to download the ZIP file later if an internet connection is not available during data acquisition (data are stored for 7 days)

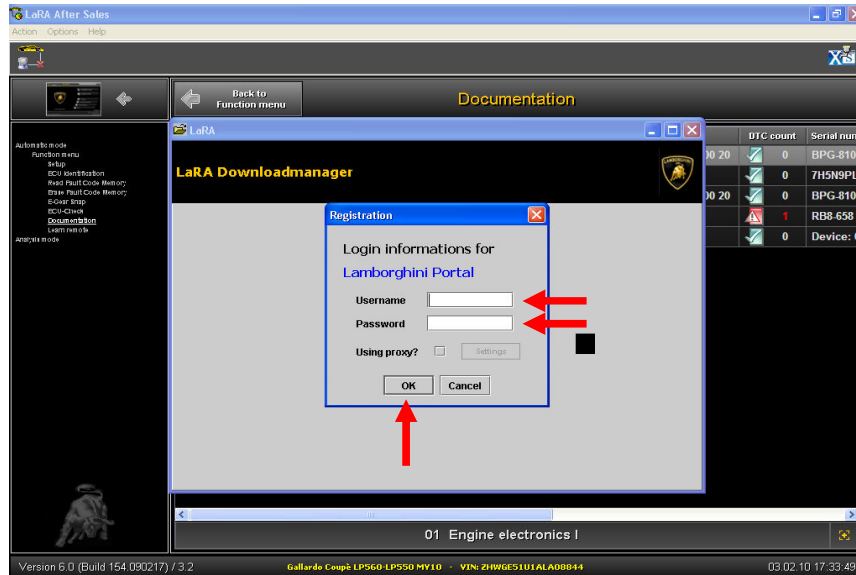


Picture 5

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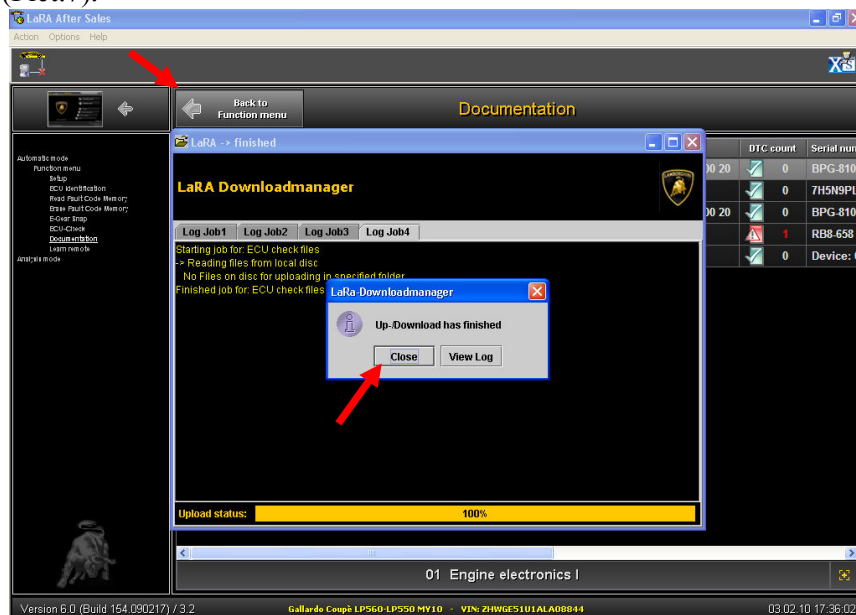


- 1.9 A login window to the Lamborghini server will be opened: the token's "Username" and "Password" must be entered. Press "Ok" to start downloading the zip file (Pict.6).



Picture 6

- 1.10 When downloading of the correct vehicle file has finished, click "Close" to disconnect from Internet, afterwards click on "Back to Function menu" (Pict.7).

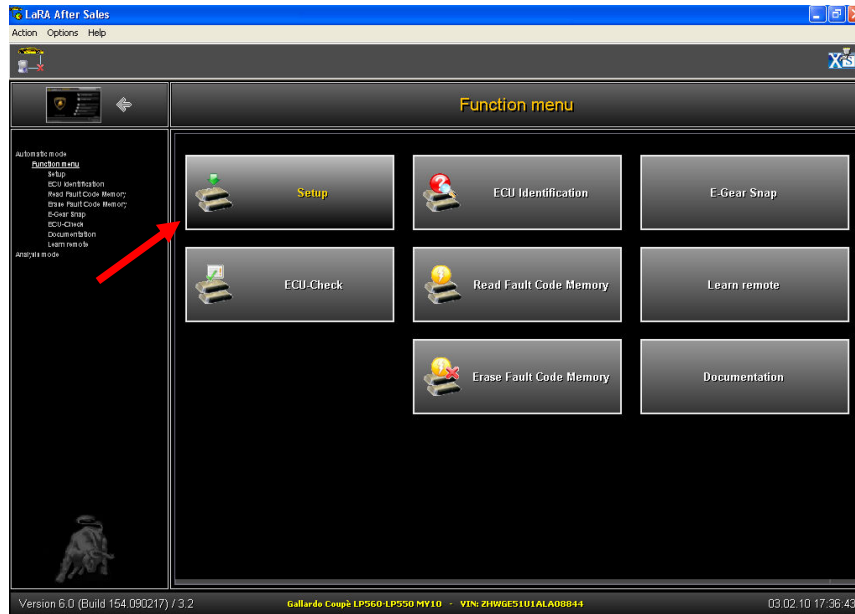


Picture 7

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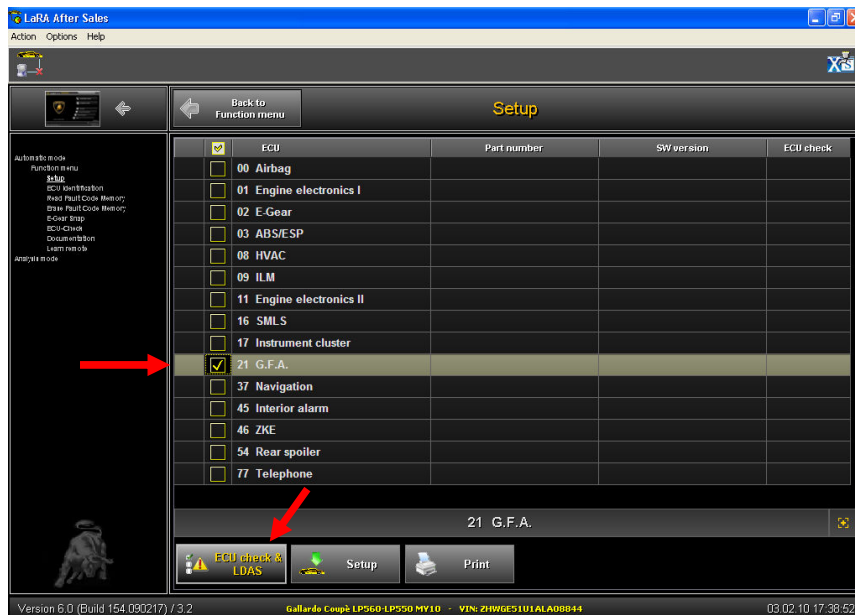


1.11 Click on “Setup” function that is enabled once the correct vehicle file becomes available (Pict.8).



Picture 8

1.12 To upload the GFA ECU select the relative field and press “ECU check & LDAS” button (Pict.9).

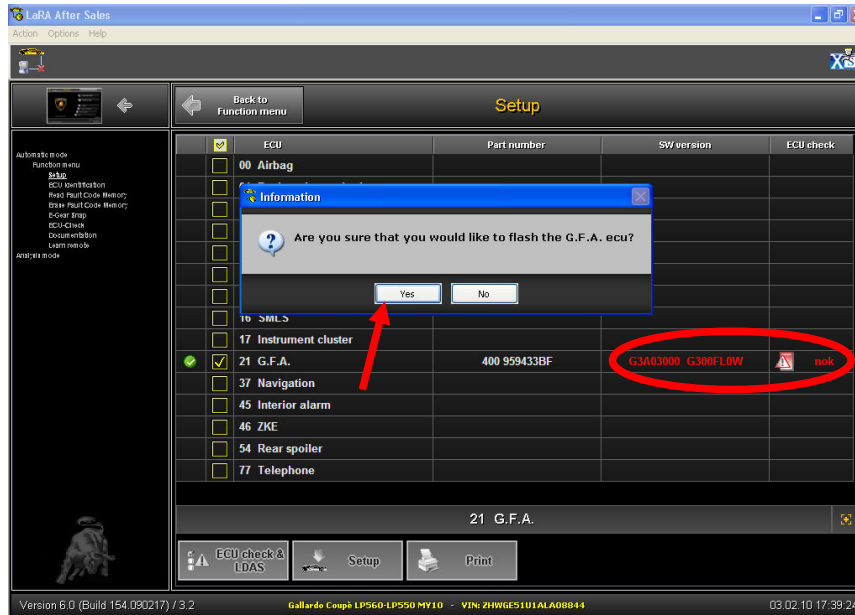


Picture 9

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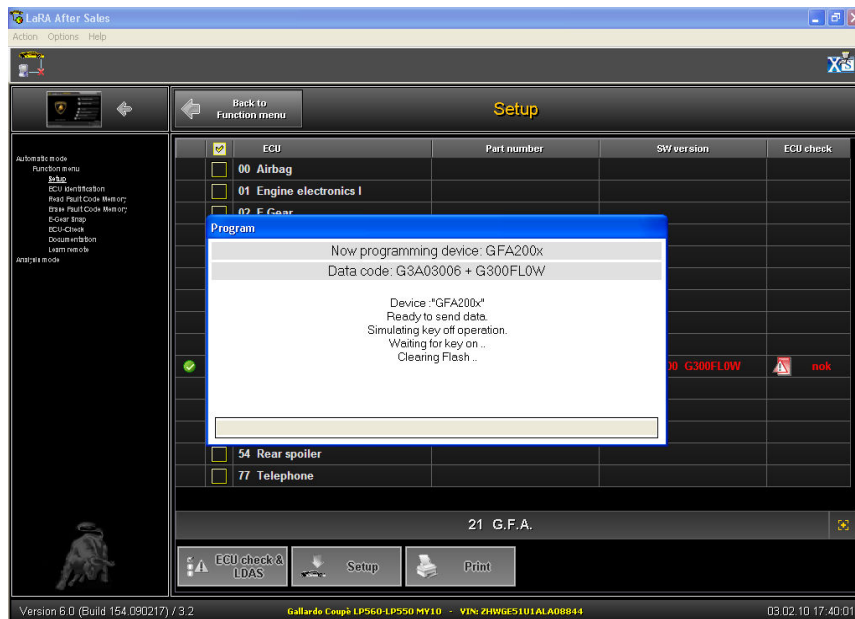


1.13 After the ECU check is completed the system will indicate that a new software version is available for the GFA ECU and a window asking for update confirmation will appear. Click on “Yes” (Pict.10).



Picture 10

The system will open LDAS software and will automatically update the GFA ECU software (Pict.11).***

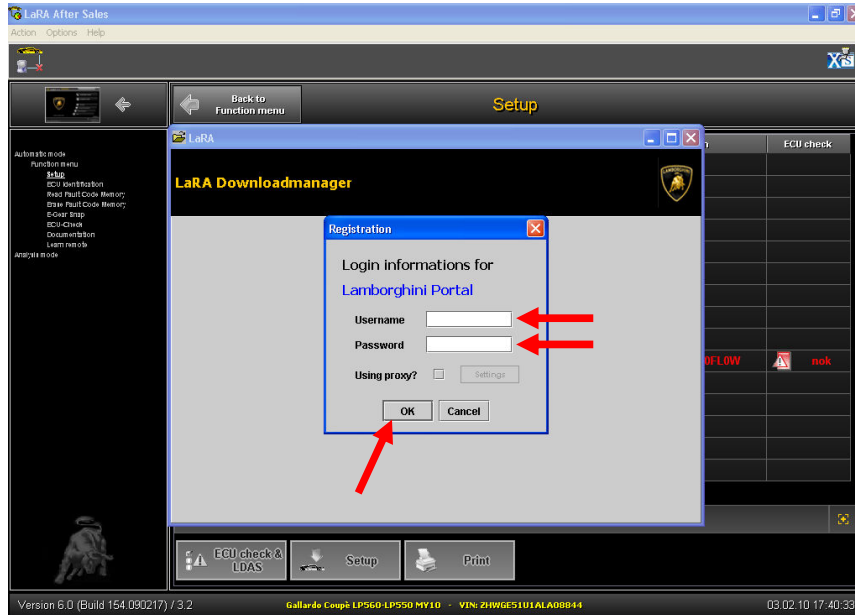


Picture 11

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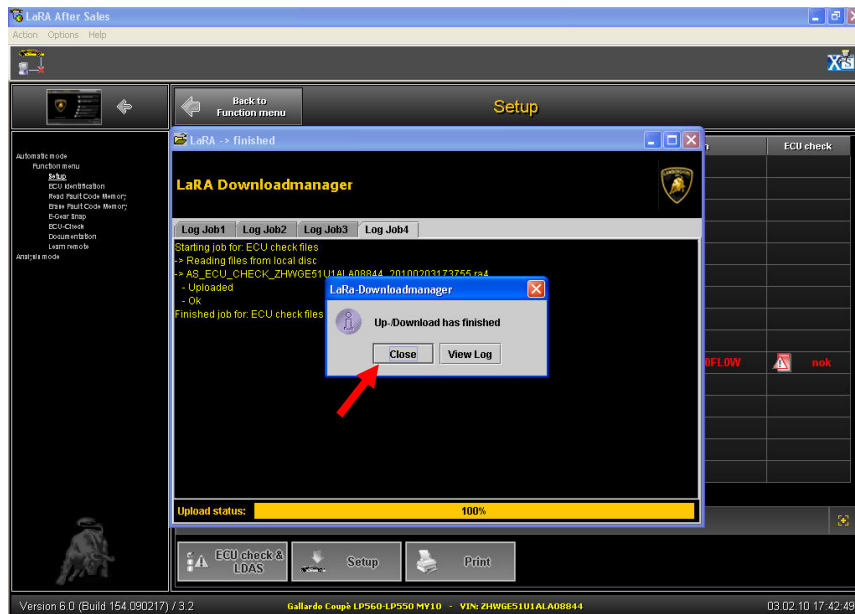


1.14 Once the update operation is accomplished a login window to Lamborghini server will be opened again: the token's "Username" and "Password" must be entered. Press "Ok" to start uploading the report file (this is not a mandatory operation) (Fig.12).



Picture 12

1.15 When uploading of the report file has finished click on "Close" to disconnect from Internet (Pict.13)

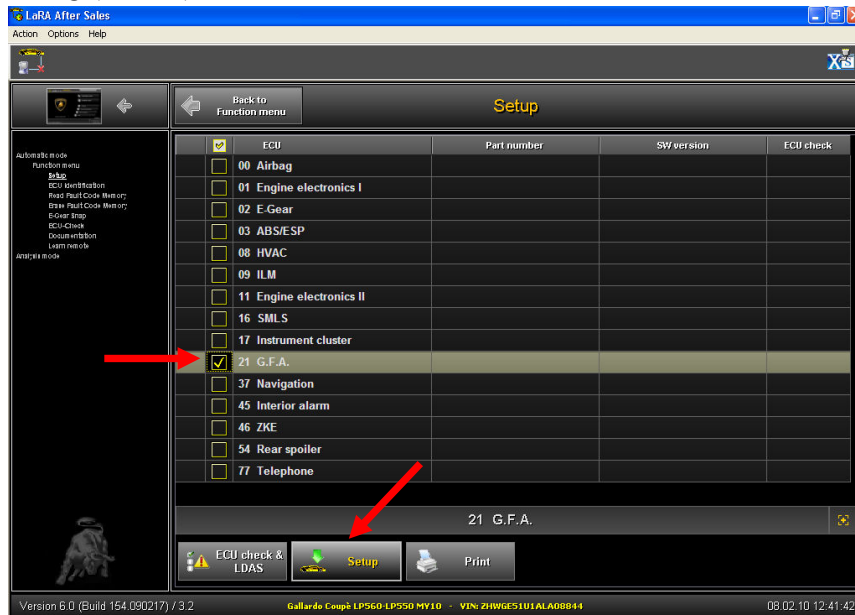


Picture 13

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1.16 Turn the ignition key OFF and wait at least 10 seconds before turn it ON again. From “Function Menu” select “Setup” function as previously shown in picture 8. Select the GFA field and then click on “Setup” to start up the coding (Pict.14).

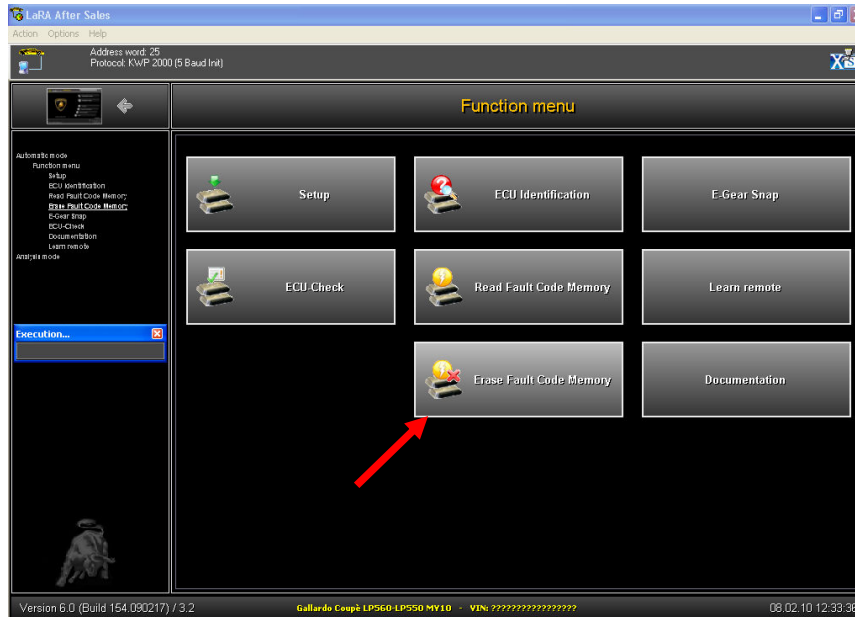


Picture 14

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1.17 Once the coding operation has finished turn the ignition key OFF and wait at least 10 seconds before turn it ON again. From “Function Menu” select the “Erase Fault Code Memory” button in order to erase all the faults introduced in other ECUs due to GFA software update (Pict.15).



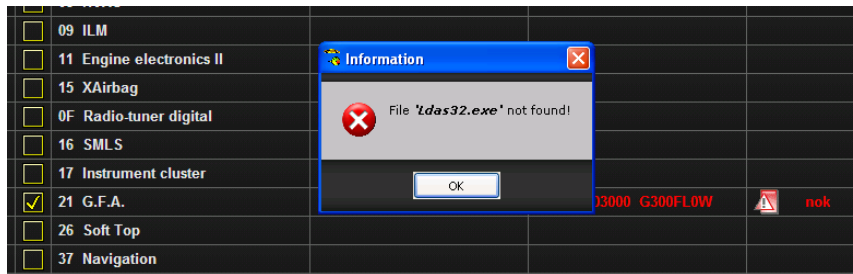
Picture 15

1.18 The procedure is terminated and the GFA ECU is now updated.

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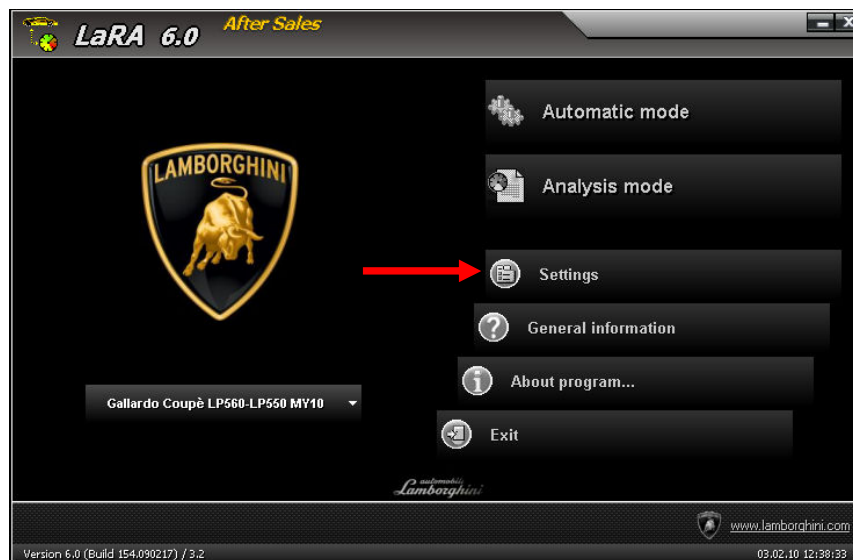


***NOTE: If LDAS software is not opened and an error message as in picture 16 is shown, please execute the following procedure.



Picture 16

2.1 Go back to the main menu and click on “Settings” (Pict.17)

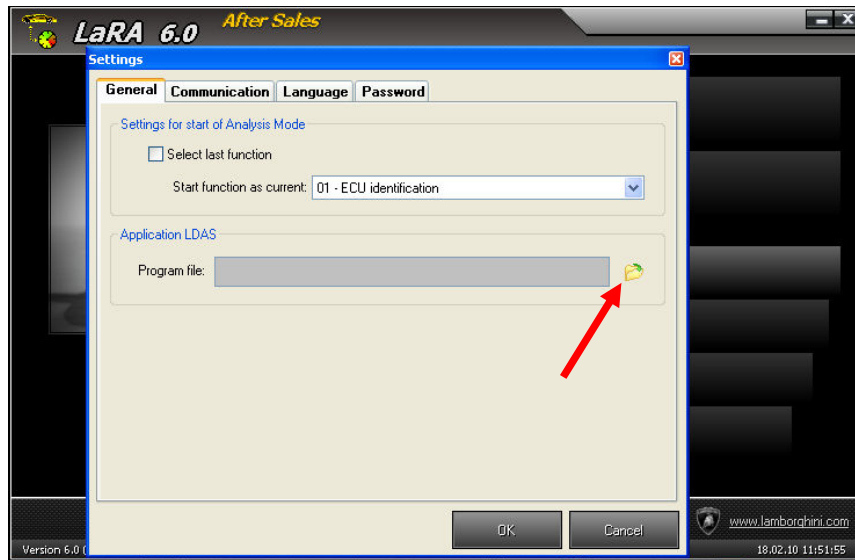


Picture 17

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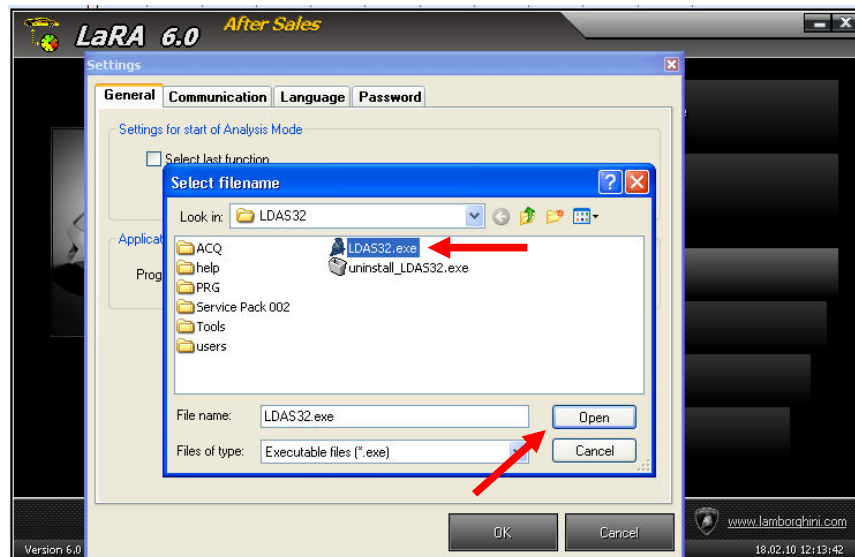


- 2.2 Click on the folder icon in section “Application LDAS” of General Settings (Pict.18)



Picture 18

- 2.3 Select the executable file “LDAS32.exe” from LDAS installation folder (e.g. C:\LDAS32\) and then click on “Open” (Pict.19)

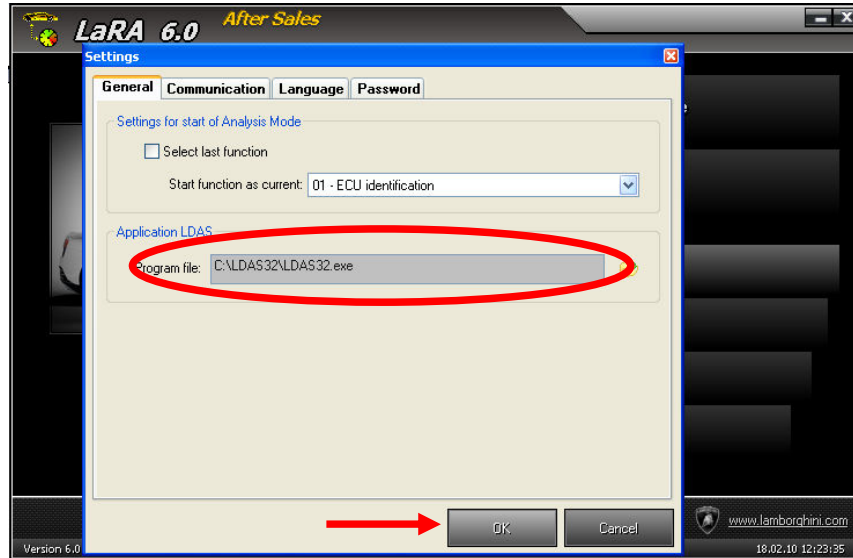


Picture 19

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- 2.4 Now the LDAS executable file is set in LaRA. Click on “Ok” button (Pict.20) and then resume the GFA ECU software update procedure from instruction 1.11



Picture 20

Your Area Manager is at full disposal for further information.

Best regards

Customer Service

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