



To All Lamborghini Dealers and Licensed Service Point  
From Customer Service Department  
Subject Software update of the Master engine ECU and Slave engine ECU  
Group 714.9.07  
Date 29.09.2008  
Pages 8

### **Subject**

Software update of the Master engine ECU and Slave engine ECU.

Automobili  
Lamborghini S.p.A.

### **Modello**

All Gallardo LP 560 Model Year 09 from VIN 9LA6526 to VIN 9LA08105 inclusive.

Attention: As not all vehicles from this VIN range are affected, please carefully check on the Lamborghini Web-portal to verify the VIN-Information and if the vehicle is affected by this Service Campaign before the start of any updating.

### **Information to the field**

As a result of company's continuous product monitoring, Automobili Lamborghini S.p.A. has found that, in some vehicles, drivability during the downshifting with the select shift transmission might be uncomfortable after an intensive and sport use of the gearbox.

This rework action must be also performed on all vehicles in your stock.

### **Field solution**

Follow the workshop instructions in this document for updating the software of the Master engine ECU and Slave engine ECU.

### **Spare Parts**

None required.



### Warranty Claim data

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

**Campaign Code:** L714-A.05.08  
**Campaign Description:** Software update of the Master engine ECU and Slave engine ECU  
**Cost Code:** 50  
**Component Code:** CCA0508  
**Trouble Code:** 220  
**Labour Code:** CCA0508100  
**Labour Time:** 1,5 h

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

**Automobili Lamborghini S.p.A.**  
 Campagne service assistenza e campagne di richiamo / Service-und Rückrufaktion / Service and Recall Campaign  
 Service et campagne de rappel / Campaña de Servicio y Llamada a Taller

Service/Service  Richiamo/Rückruf   
 Service/Service Recall/Rappel   
 Servizio Llamada a Taller

Numero/Nummer   
 Number/Número

Data/Datum/Date/Date/Fecha

Data riparazione/Reparaturdatum   
 Repair Data/Date de réparation   
 Fecha reparación

Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer  
 Efectuado por le concessionnaire / Efectuado por el Concessionario

Firma / Unterschrift / Signature / Signature / Firma

Service/Service  Richiamo/Rückruf   
 Service/Service Recall/Rappel   
 Servizio Llamada a Taller

Numero/Nummer   
 Number/Número

Data/Datum/Date/Date/Fecha

Data riparazione/Reparaturdatum   
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 Repair Data/Date de réparation   
 Fecha reparación

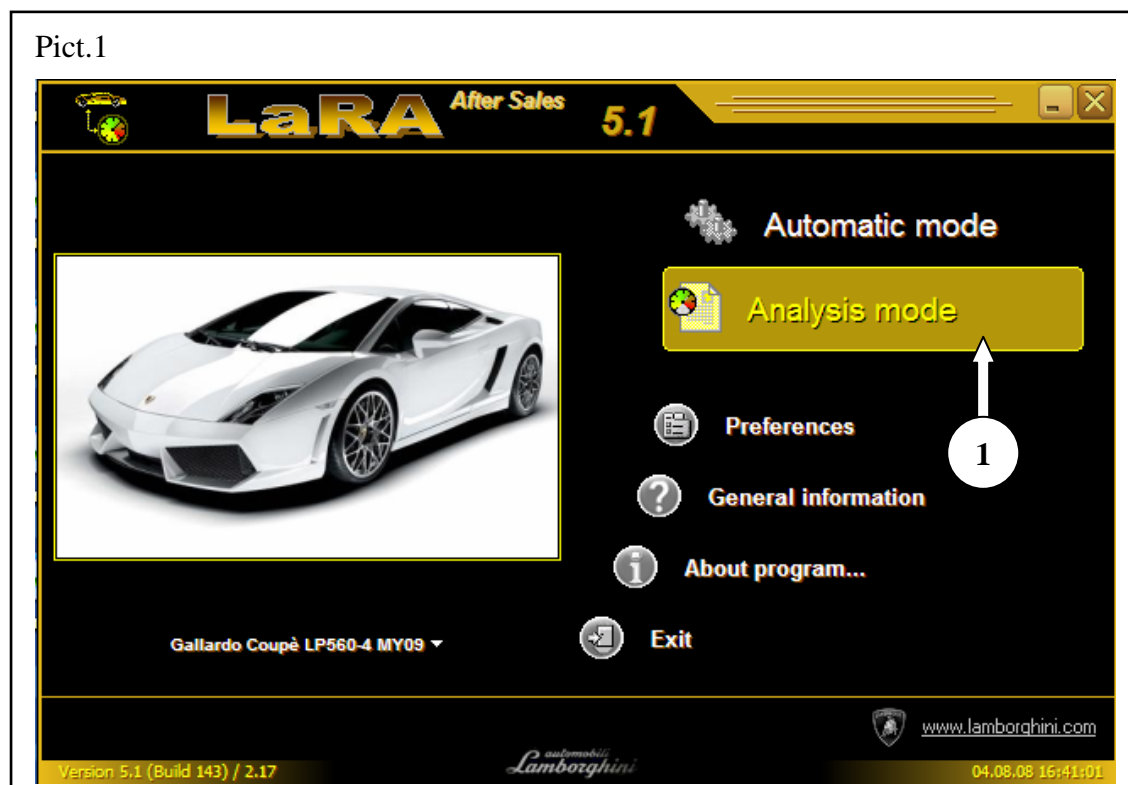
Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer  
 Efectuado por le concessionnaire / Efectuado por el Concessionario

Firma / Unterschrift / Signature / Signature / Firma



## Workshop instructions

- 1.1 Before performing the software update of the Master engine ECU and Slave Engine ECU, is necessary to download from the Download section of Lamborghini Portal the new version LaRa\_AS\_5.2.0.147 of the software.
- 1.2 Please observe all safety precautions in order to prevent personal injury or damage to the vehicle.
- 1.3 Connect the vehicle to the battery charger in order to maintain a constant voltage supply during programming.
- 1.4 Connect the diagnostic PC at the vehicle using the Basic XS interface (p/n 66095011) with the black cable (p/n 69190206).
- 1.5 Turn the ignition key to the ON position; start the LaRa software and select the Gallardo Coupè LP560-4 MY09. Select the Analysis Mode button (1-Pict.1)

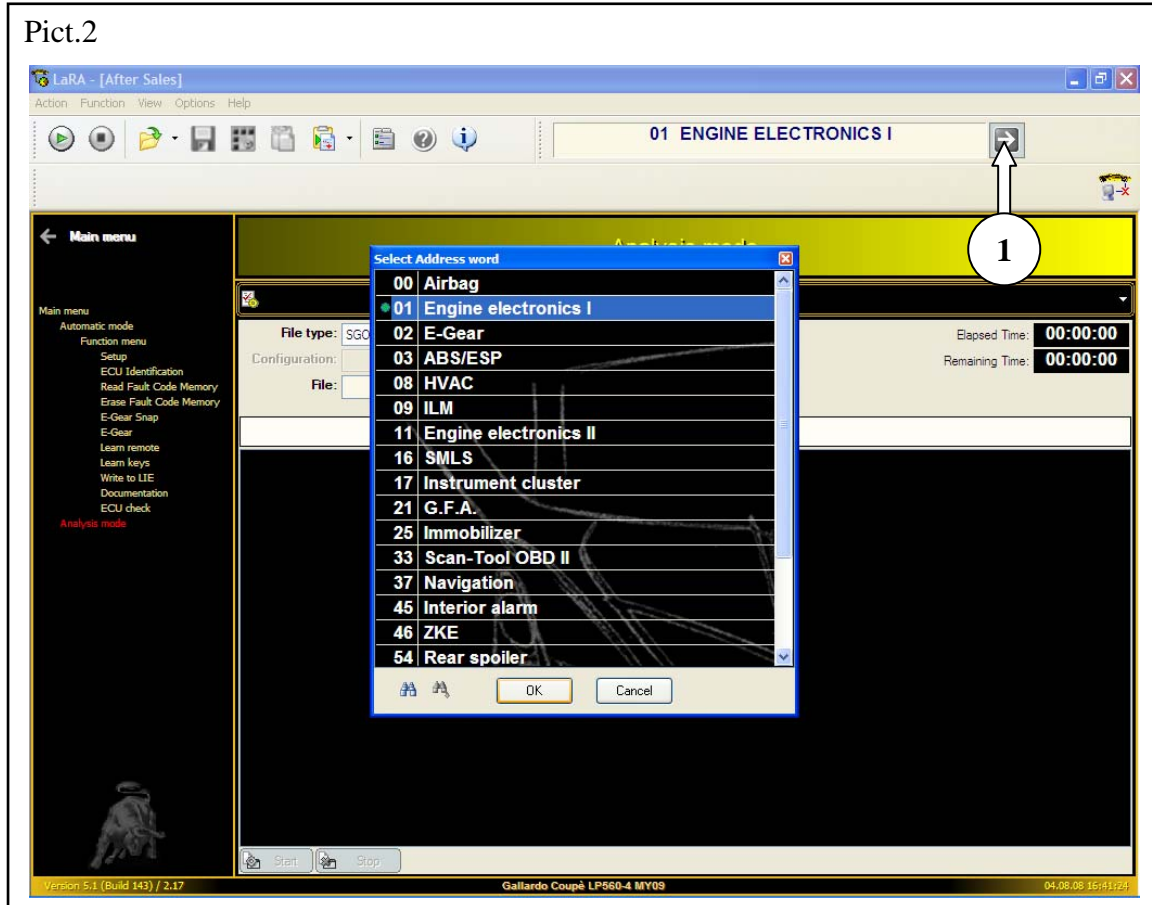


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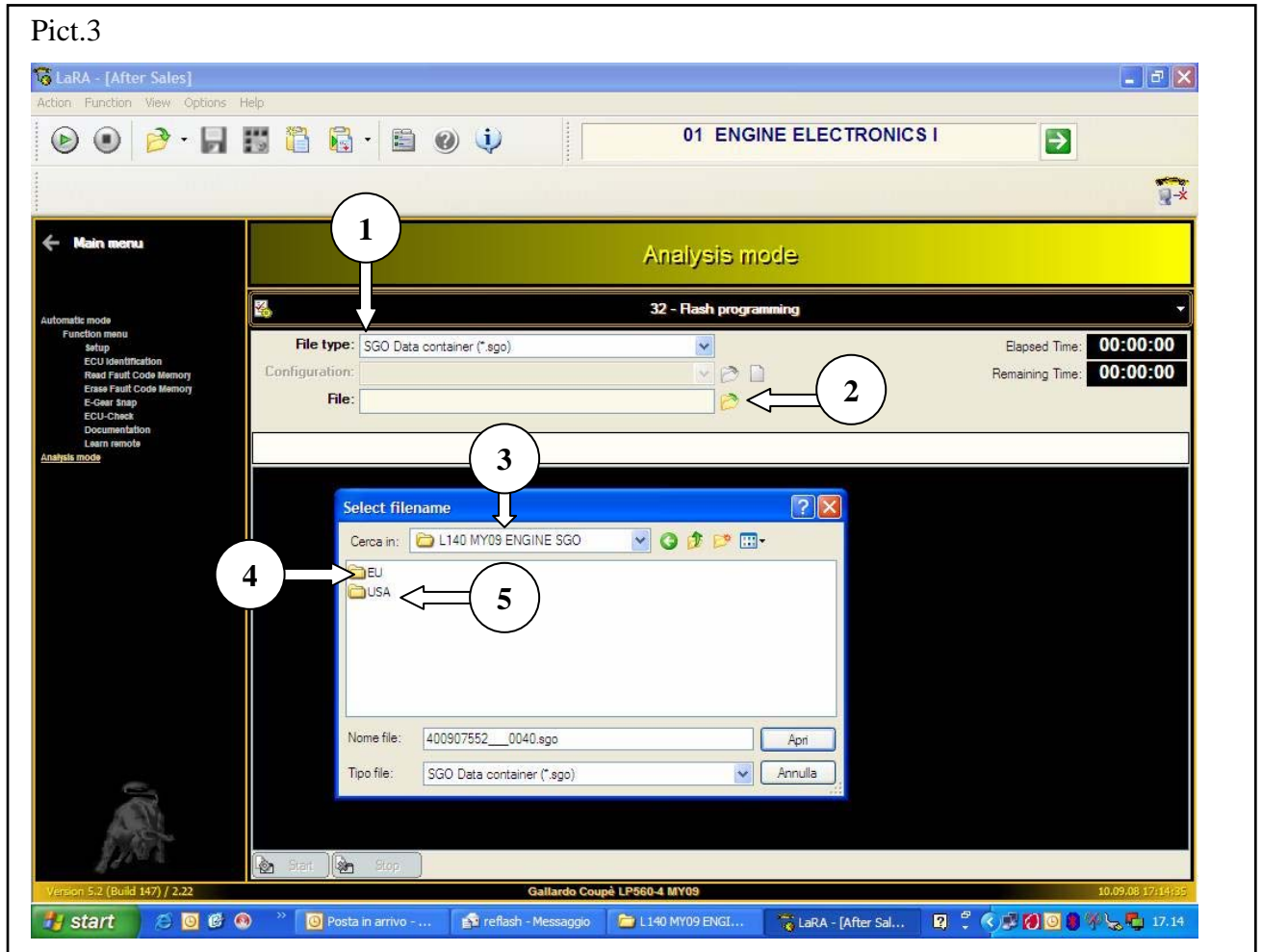
1.6 Select the 01 Engine Eletronics I ECU (1-Pict.2).

Pict.2





- 1.7 Select from the File Type window (1-Pict.3) the SGO Data Container (\*.sgo) file; follow the routine C:\Program files\RA Consulting\LaRA\PRG\L140 MY09 ENGINE SGO. Select the folder (2-Pict.3) of File window and select the L140 MY09 ENGINE SGO folder (3-Pict.3). Select the EU folder (4-Pict.3) for all vehicles excluded the cars of USA and Canadian markets or select the USA folder (5-Pict.3) for vehicles of USA and Canadian markets.

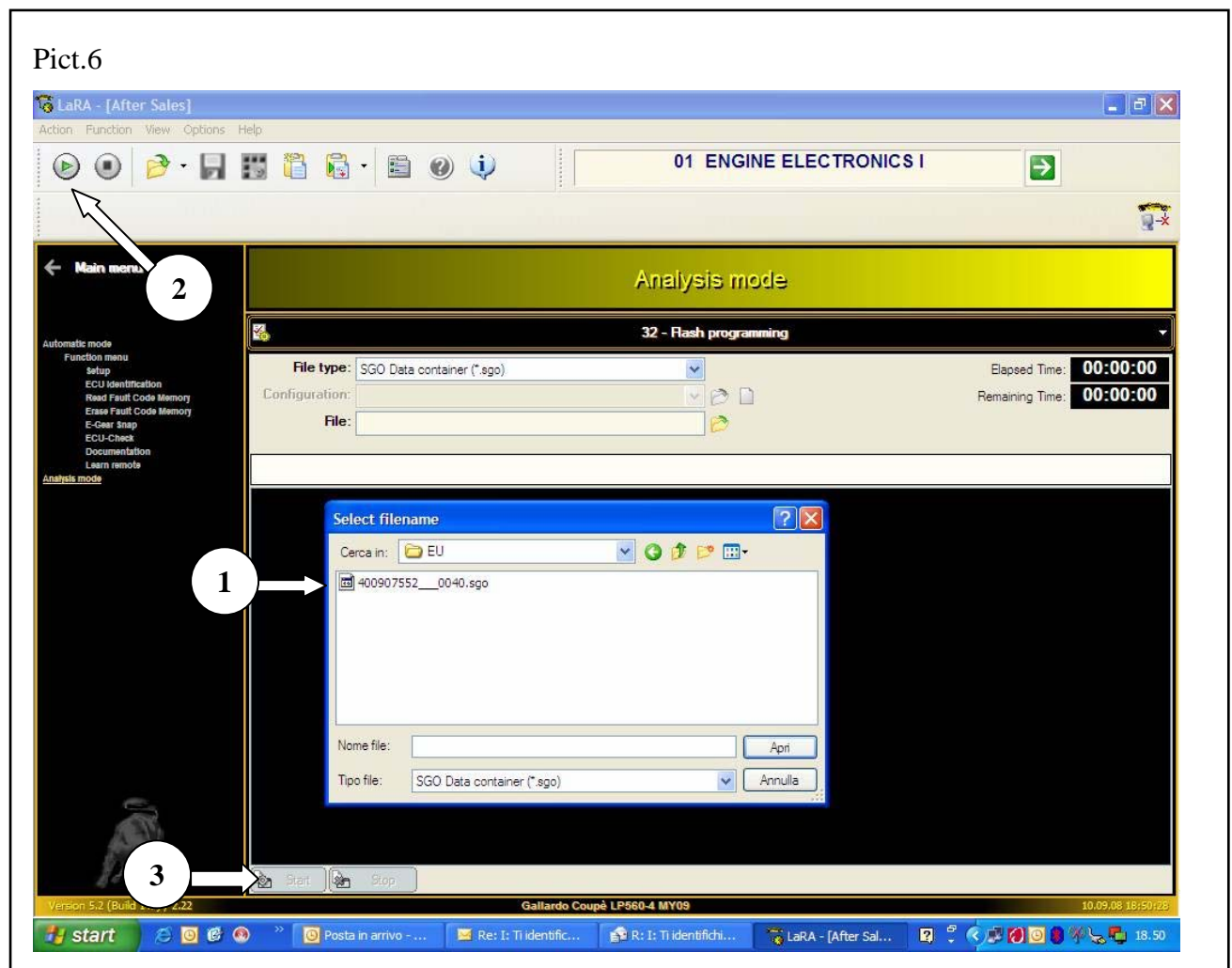


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**1.8** Select the .sgo file as follows:

- 400907552\_0040.sgo file (1-Pict.6) for all vehicles excluded the vehicles for the USA and Canadian markets;
- 400907552\_0030.sgo. file. for the vehicles for the USA and Canadian markets.

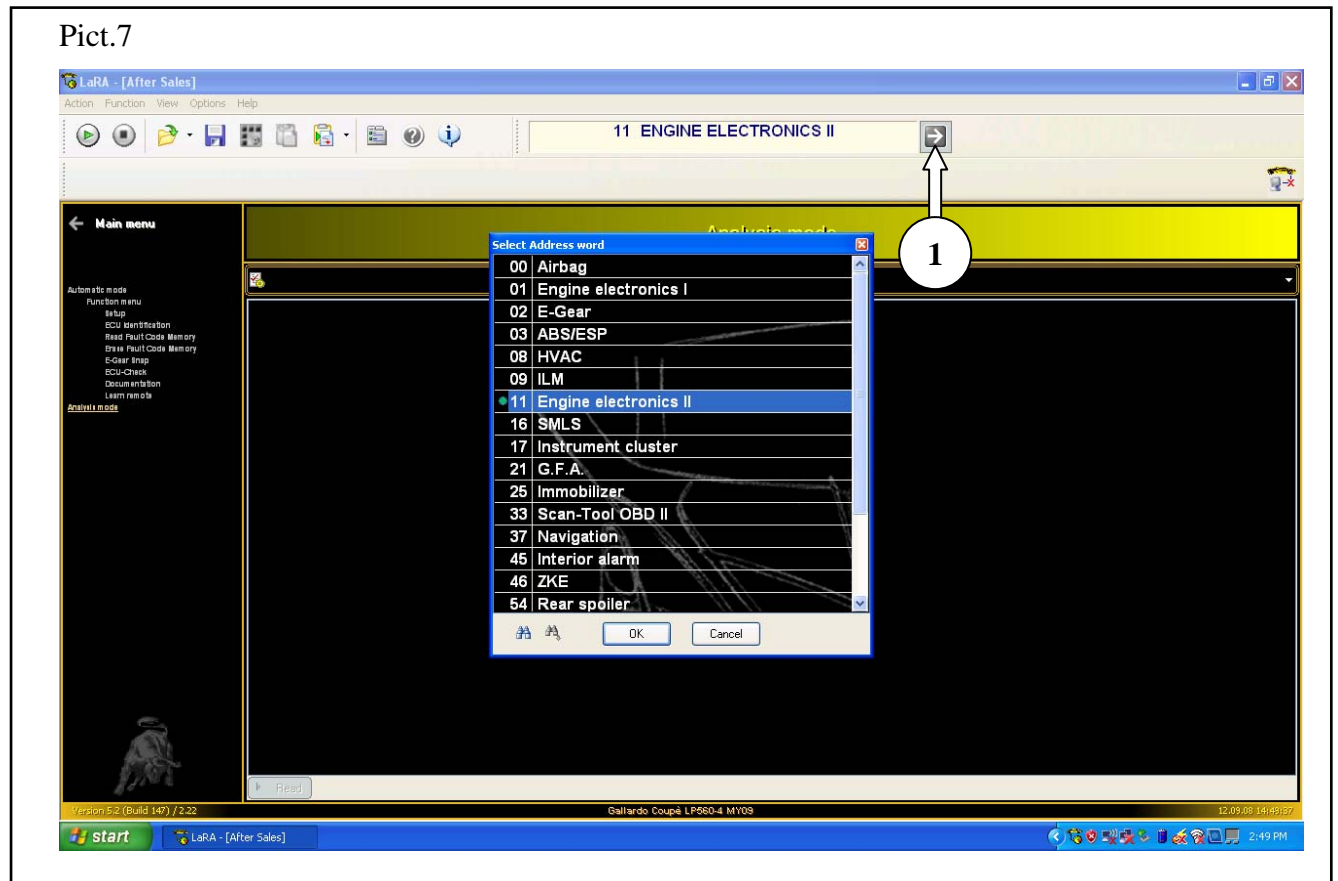


**1.9** Start up the communication pushing the icon (2-Pict.6) and push the Start button (3-Pict.6). Wait the complete software update of the Master ECU.



**1.10** Perform the same operations described at the points 1.9, 1.10 and 1.11 for update the 11 Engine Eletronics II ECU (1-Pict.7).

Pict.7



**1.11** Return at main menù, select the Automatic Mode button and erase all the errors present in the vehicle's ECU's (see also the workshop manual instructions 10 90 00).

**1.12** Finally perform these adjustment:

- Routine 60 adaptation throttle body;
- Routine 142 and 144 adaptation of the tumble valves;
- Routine 199 lambda test

(see also the workshop manual instructions 10 90 00).



Your Area Manager is at full disposal for further information.

Best regards

Customer Service