

ToAll Lamborghini Dealers and Licensed Service PointFromCustomer Service DepartmentSubjectLie replacementGroup140.9.06Date20.07.2007Pages6

Automobili Lamborghini S.p.A.

**Subject** Lie replacement

#### Model / VIN-Range

All Gallardo (Coupè and Spyder) from VIN G75500 to VIN G85814.

Attention: As not all cars from this VIN range are affected, please carefully check on the Lamborghini Web-portal to verify the VIN-Info and if the car is affected by this service campaign before the start of any activity.

# Information to the field

Due to a defective component in the LIE ECU is possible that, in case of high temperature in the passenger compartment the engine does not start.

# **Field solution**

In case you have an involved vehicle in the workshop Lamborghini recommends to replace the LIE.

This replacement must be performed on all cars involved at the next service.

Lamborghini recommends you to carry out this rework action to avoid future customer complain.

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# **Spare Parts**

You have to order two engine ECU p/n: 410907557M The order must be sent with the indication of the car VIN following RIU (urgent parts ordering).

#### Important:

The disassembled LIEs must be sent back to Automobili Lamborghini in the original packaging.

Return address:

Automobili Lamborghini S.p.A Via Modena 12 40019 Sant'Agata Bolognese (BO) ITALY For attention: Davide Consoni

Parts must be returned via DHL Return shipment account:

- from Italy 117080258
- from Rest of the World 968124590

# Warranty Claim data

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

Campaign Code:	L140-A.04.07 (Coupè) / L715-A.04.07 (Spyder)
Campaign Description:	Lie Replacement
Cost Code:	50
<b>Component Code:</b>	CCA0407
Trouble Code:	220
Labour Code:	CCA0407100
Labour Time:	1 h



#### **Workshop instructions**

- **1.1** Adopt all precautions to prevent car damages and to work safe.
- **1.2** Disassemble the rear bench and look at the Engine ECU as in picture 1.
- 1.3 Note:

in the Spyder vehicles the LIEs are behind the rear panel if a Superleggera is equipped with tubular frame, you do not have to disassemble it.





- **1.4** Before starting the replacement you have to do an engine management data acquisition using LDAS in order to know the SW written on the LIEs.
- **1.5** Start LaRA Automatic mode and launch the "documentation" function on the car, then download the zip file using Download manager.
- **1.6** Replace the defective ECU and use the "Write to LIE" function in LaRA Automatic mode after downloading the zip file, as shown in picture 2 and 3.





**1.7** The reading procedure from the GFA starts automatically, you have only to click OK and write the immobilizer code on the LIEs as shown in picture 3.

Pic. 3	
Action Options Help   Address word: 11 Target: 11   51 Protocol: KWP 2000 (5 Baud In Baudrate:: 10400	4) ()
← Main Menu ← Function Menu	Write to LIE
Main Menu Automatio Mode Function Manu Setup ECU Mentilication Read Fault Code Memory E-Gaar Lean Regs Vire 10E Documentation ECU-Check Analysis Mode	ECU of G.F.A. 11 L.L.E. 1.5 21 L.L.E. 6-10 WRITE IMMOBILIZER CODES TO LIE OK OK OK OK OK OK OK OK OK OK

- **1.8** In order to obtain the last software release on the car, start the engine management re-flash procedure for the LIEs and GFA:
  - a) Select Setup from the main menu in automatic mode
  - b) Select the two LIEs and the GFA
  - c) Connect the CAN cable interface
  - d) Start ECU check + and click on OK
  - e) LDAS will start automatically and will reflash both LIEs and the GFA
  - f) When the reflash is finished please erase all the errors on the ECUs



- **1.9** Start the engine and warm it up (it is necessary that water and oil temperature are over  $90^{\circ}$ ).
- **1.10** Keep the engine on at idle for 1 minute to start and complete the throttle body self learning procedure.
- **1.11** Send the disassembled LIEs back to the factory.

Your Area Manager is at full disposal for further information.

Best regards

**Customer Service** 

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