

To:All Authorized Lamborghini Dealers and Service CentersFrom:Customer Service DepartmentRe:GFA E.C.U. Software update- engine oil level warning lightDate:12/02/2010Pages: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.

<u>Warning</u>: 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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Information for warranty claims

See the Available Campaigns section on the Lamborghini Warranty Portal.

- Campaign Code: L714-A.01.10 / L715-A.01.10
- **Campaign Description:** •

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

• Cost Code:

•

- 50 **CCA0110**
- **Component code:** • **Trouble code:** 220
- Labour Code: **CCA0110100** •
- Labour time: 0,4 hr.

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

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Numero/Nummer Number/Numéro	
Número	
Data/Datum/Date/Date/Fecha	
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Firma / Unterschrift / Signature / Signature / Firma Firma Firma / Unterschrift / Signature / Signature / Firma	
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dd rom Vr	

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Workshop instructions

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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17								X
 • 				Documentatio	'n			
		ECU	Part number	SW version	Coding	DTC	count	Serial nu
Function menu	۵.	01 Engine electronics I	400907552C	0010	06 10 00 03 1B 0F 00 20	1	0	BPG-81
Soup BCU Mentification Read Pault Code Memory	0	02 E-Gear	400927156D	0030	00003	-	0	7H5N9P
Brase Pault Code Memory E-Gear Snap	ø.	11 Engine electronics II	400907552C	0010	06 10 00 03 1B 0F 00 20	-	0	BPG-81
BCU-Check Documentation		17 Instrument cluster						
Learn remote naljala mode		21 G.F.A.						

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)





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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).

😼 LaRA After Sales					_ 7 🗙
					X
•	Back to Function menu	Documentation			
	🗃 LaRA			BTC count	Serial nurr
Automatic mode Punction menu Setup ECU Kentification Read Fault Code Memory Brate Fault Code Memory	LaRA Downloadma	nager	I		BPG-810 ⁴ 7H5N9PL BPG-810 ⁴
tara futi Code Medor esta Com Codensitiva		Registration Login informations for Lamborghini Portal Username Password Using proxy? OK Cancel			BPG.810 RB8.658 : Device: (
Version 6.0 (Build 154.090217)	<	01 Engine electronics (rde compt LPSCO LPSCO MY10 - VDN 21WGE5101ALAOB844	_	03.02:1	0 17:33:49

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).

😼 LaRA After Sales					
Action Options Help					
2					X
 • 	Back to Function menu		Setup		
Aubratic nos Aubratic nos MA marine de la color Maria por nos por nos por nos por nos aurines de Auguntos	V FCU 00 Airbag 01 Engine. 02 E.Gear 03 ABS/ES 08 HVAC 09 ILM 11 Engine. 16 SMLS 12 G.F.A. 37 Navigat 45 Interior 46 ZKE 54 Rear sp 77 Telephe	electronics I P electronics I ent cluster ion alarm oiler ne	21 G E A	SW version	ECU check
first .	ECU check & LDAS	📩 Setup 🍦	Print		
Version 6.0 (Build 154.090217) /	/3.2 Ga	llardo Coupè LP560-LP550 MY	10 · VIN: ZHWGE51U1ALA08844		03.02.10 17:38:52

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).

😼 LaRA After Sales					_ # X
Action Options Help					
2					X
 • 	Back to Function mer	u	Setup		
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0			21 G.F.A.		8
A Star	ECU check (Setup	Print		
Version 6.0 (Build 154.090217)	/ 3.2	Gallardo Coupè LP560-LP550 N	IY10 - VIN: ZHWGE51U1ALA08844		03.02.10 17:39:24

Picture 10

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

😼 LaRA After Sales						💶 🗗 🔀
Action Options Help						
						X
•	, 🗇	Back to Function menu		Setup		
A deside and		2 ECU		Part number	SW version	ECU check
Function menu Soften		00 Airbag				
ECU Identification Read Pault Code Memory		01 Engine e	lectronics I			
Erass Fault Code Memory E-Gear Snap		02 F Gear				
BCU-Check Documentation	P1	rogram				
Learn remote Analysis mode			Now programmir	ng device: GFA200x		
			Data code: G3A0	03006 + G300FL0W		
	 Image: A state of the state of	Device :*GFA200x* Fleady to send data Simulating key of operation. Wating for key on Clearing Flash			JD G300FLOW	nok
			569			
		54 Rear spo	iler			
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0				21 G.F.A.		
A State	Ĩ́A [□]	CU check & LDAS	📩 Setup	Print		
Version 6.0 (Build 154.090217)/3.2	Gall	lardo Coupè LP560-LP550 MV	/10 - VIN: ZHWGE51U1ALA08844		03.02.10 17:40:01
			D: a4			

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).

G LaRA After Sales				_ # X
				X
•	Back to Function menu	Setup		
Automationiode Punction nenu 3450 CCV Ventination Red Punit Code Memory Erate Punit Code Memory	📽 LaRA LaRA Downloadma	nager		ECU check
есистия Социнивал Цаят по 58 Акрупта осн		Registration	=	0W A nok
	A ECU check &	Setup Print		8
Version 6.0 (Build 154.090217)	i / 3.2 Gallar	do Coupè LPSGO-LPSSO MY10 🕜 VIN: ZHWGES1U1ALAO	8844	03.02.10 17:40:33
		Picture 12		

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

😼 LaRA After Sales				💶 🖻 🔀
Action Options Help				
1				X
• • • • • • • • • • • • • • • • • • •	Back to Function menu	Setup	_	
	🚰 LaRA -> finished		🗖 🗖 🔀	n ECU check
Automatic mode Punction menu Schup ECU Sentification Read Paul Code Memory ECurat State	LaRA Downloadm	anager		
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oouarehtison Learn mardo Jantyon mado	Stanting job for: ECU dheck = Reading fliest from local is = + R8_ECU_CHECK_ZHWC - Uploaded - Ok Finished job for: ECU check	IGS EGT U AL ADB844 - 201102/03123724/54:rs4 LaRa-Download manager Up-Download has finished Close View Log		0FLOW Nok
	Upload status:	100%		
	ÉA ECU check & LDAS	📩 Setup 👌 Print		
Version 6.0 (Build 154.090217)	1/3.2 Gal	ardo Coupè LP560-LP550 MY10 - VIN: 2HWGE51U1ALA	108844	03.02.10 17:42:49
		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).

Jouing (1 lot. 1	1).			
LaRA After Sales				- 2 🛛
Action Options Help				-
8-4				X
•	Back to Function menu	Setup		
23	ECU ECU	Part number	SW version	ECU check
Punction menu	00 Airbag			
ECU Mentification Band Pault Code Namon	01 Engine electronics I			
Brase Pault Code Memory B-Gear Snap	02 E-Gear			
ECU-Check Documentation	03 ABS/ESP			
Learn remote Anaișele mode	08 HVAC			
	09 ILM			
	11 Engine electronics II			
	16 SMLS			
	17 Instrument cluster			
	21 G.F.A.			
	37 Navigation			
	45 Interior alarm			
	46 ZKE			
	54 Rear spoiler			
	🔲 77 Telephone			
				н. —
<i>.</i>		21 G.F.A.		
A start	ECU check & Setup	Print		
Version 6.0 (Build 154.090217)) / 3.2 Gallardo Coupè LP560-LP550	MY10 - VIN: ZHWGE51U1ALA08844		08.02.10 12:41:42

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).



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.

09 ILM	
11 Engine electronics II	🗟 Information 🛛 🔀
15 XAirbag	
0F Radio-tuner digital	File 'Ldas32.exe' not found!
16 SMLS	
17 Instrument cluster	
21 G.F.A.	13000 G300FL0W
26 Soft Top	
37 Navigation	
	D'star 1/

Picture 16

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

after Sales	
	Automatic mode
LAMBORGHINI	P Analysis mode
	Settings
Gallardo Coupè LP560-LP550 MY10 🔹 👻	About program
	وی Exit Camborghini
	🐼 www.lamborqhini.com
Version 6.0 (Build 154.090217) / 3.2	03.02,10 12:38:33

Picture 17

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2.2 Click on the folder in section "Application LDAS" of General Settings (Pict.18)

🔽 L	aRA 6.0 '	After Sales			~	- ×
	iettings					
	General Communi	cation Language	Password			
	Settings for start of a	Analysis Mode				
	Select last	function				
	Start func	tion as current: 01 - E(CU identification		~	
	Application LDAS					
	Program file:					
					7	
						«
				OK	Cancel	www.lamborghini.com
Version 6.0 (18.02.10 11:51:55

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)

🔽 L	aRA 6.0 After Sales	- X
-	ttings	×
	General Communication Language Password	
	Settings for start of Analysis Mode	
	Select last function	
	Select filename	3
<	Look in: 🗀 LDAS32 🕑 🗿 ⊅ 🖽 -	
2	Applicat CQ	
	Prog help ininstall_LDAS32.exe	
	Service Pack 002	
	Tools	
	i users	
	File name: LDAS32.exe Open	
	Files of type: Executable files (* exe)	
	0K Cance	www.lamborghini.com
Version 6.0		18.02.10 12:13:42

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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