Subject.

Air Conditioning Software Update.

To:

Date:

Pages

Subject:

Model. Huracan Coupè.

Model year. 2015.

Special or Limited Versions. All vehicle versions.

Markets.

All

VIN identification. From FLA00163 al VIN FLA03652.

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

Information to the field.

As a result of continuous product monitoring, Automobili Lamborghini Spa has introduced a new software release to enhance the air conditioning functionality.

Field solution.

Update software that manage air conditioning/Klima.

Spare parts.

P/N	Description	Q
-	-	-

Replaced parts management.

Store properly and tagged the parts replaced with bar code form for their identification during Area Manager visits.

Bulletin substitution.

None.

Warranty Claim data.

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

Campaign Code:	L624-A.01.16
Campaign Des.:	AC system SW update
Cost code:	50
Component code:	CCA0116
Trouble code:	220
Labor code:	CC0116100
Labor Time:	0.8 h

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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Man Wale Carlos Carlos

Service Science Sciences. Sciences. Services Ser NaresoMarrie Northolitaini Northolitaini

etemi@www.SotoFecha

Stocherwised/Wear duration Stocher Statistics

Data isa artime/lepaniti-reduin Boain Dote/Date da réparation Techa reportedo

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Automobili Lamborghini S.p.A. Campagne service assistenza e campagne di richiamo / Service-und Rückrufaktion / Service and Recail Cam Service et campagne de rappel / Campagne de Servicio Liamada a Talier

Necessary tools/material.

Service des Buttereofficient Berlande des Berlandes des Berlandes Des Berlandes Berlan

Numero Auretor Numero Auretor Xumero

· IIII

Apartitidal (1)

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Deter-Service crigitecearcurdulare Dependent of the de réparation

Martines Martines Martines Martines Martines n/Deta/Deta/Tecta

P/N	Description	Q
-	ODIS Service diagnosis soft-	-
	ware updated to release 3.0.1	
	(or following).	

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Workshop instructions



The instructions contained in this bulletin are based on ODIS Service diagnosis software updated to release 3.0.1 (or following) and Lamborghini database 2.5.3 (see BI.07.15)

Preliminary operations:

1. Make sure to be synchronized with Mirrorserver checking the "Last Sync" date:

http://mirrorserver/maintenance/diagnosis.py

or:

http://IP address/maintenance/diagnosis.py

if you did not set up the mirrorserver IP alias.



IMPORTANT

Make sure the latest synchronization was done after February $14^{\rm th}$, 2016.

Configuration	
Base path	/var/www/desert
Provider URL	https://altair.mirrorserver2.net/deployment
RepositoryURL	https://altair.mirrorserver2.net/storage
Feedback URL	https://altair.mirrorserver2.net/health
Ргоху	10.48.187.43
Keyfile	/var/www/desert/certs/userkey.pem
Certificate	/var/www/desert/certs/usercert.pem
Tests	
Local file/directory permissions	ок
Diskspace	ок
Provider reachable	OK (altair.mirrorserver2.net)
Repository reachable	OK (altair.mirrorserver2.net)
Feedback reachable	OK (altair.mirrorserver2.net)
Provider WebDAV access	OK (https://altair.mirrorserver2.net/deployment)
Repository WebDAV access	OK (https://altair.mirrorserver2.net/storage)
Feedback WebDAV access	OK (https://altair.mirrorserver2.net/health)
Successful package downloads	8
Failed package downloads	0
Last Sync	16/02/14 22:01:01
Start tests	

Click "Start tests" to verify the "Last Sync" date.

Update procedure:

2. Please connect a battery charger to the recharge points available in the front luggage compartment, as shown in the picture.



3. Please connect the VAS5054 interface to the vehicle OBD plug and to the diagnostic laptop.

Turn the ignition ON.



4. Start ODIS service double-clicking the related icon on your diagnosis laptop desktop.



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5. Scroll down the vertical bar on the right.

Click "OK" to hide the general information window.



Click "Start diagnosis". 6.



Make sure that ODIS can detect the vehicle connection and the key status.

Jealer: lob:		Vehide identification no.: Engine:		🥔 🖣 🏷	
	Olector: Comparison of the color for fail memory will be reade like to work without is warrary or the to work without is warrary or Connected to the vehicle graphics subliched on Start disecosis	A Welcome to the dia bet backed with Adv put the correction that the the the the the dial bet of the the second of the the the the the the second of the the the the the second of the the the the the second of the the the the the the second of the the the the the the the the second of the the the the the the the the the second of the	agnostic program the vertice mig almost the disposed. It was been the disposed will be made to the disposed of the disposed. It was been to the disposed of th	ich wit ha identified and disgrands. If you would	Coperating modes * Copera

7. Click "Cancel" for any group systems login request.

User name		
Password		
	Adopt	Cancel

8. Verify the vehicle identification in the "Basic vehicle characteristics" window.

Insert Variant and Engine if not already present choosing from the drop-down menus.

Leave the checkbox "Using guided fault finding" selected.

Click "Adopt".

Sales Network

Basic vehicle characteristics	
Vehicle identification 🛛 automatic 🄍 manually	
VIN	
ZHWEC1ZFXFLA00339	
Manufacturer	
Lamborghini	+
Model	
Huracán	*
Model year	
2015 (F)	+
Variant	
Coupé	*
Engine	
	•
Using guided fault finding	
Adopt Car	ncel

9. Skip the login window clicking "Cancel".



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10. In the following window, click "Without job".

Control code Control code Control code Control code Control code Cod)		🧈 🏪 🏷	2Phwee 12P AP D400339	:	Engine	10088	Imponer: Dealer: Job:
Solve		😭 Info			cial functions	plan Sequence Spe	rs DISS TPI Test	Control units Orde
bob SCP status Registration Deadline Text Product Image: Status Registration Status Status Data Image: Status Image: Status Image: Status Data Image: Status Image: Status Image: Status Image: Status Image: Status Image: Status		G Admin						lo jobs found.
Standard job for working with manual job number. Data Data Latas Indep Ind				Text	Deadline	Registration	SCP status	Job
Data Extras Help information ↓ Nove Acturies ↓ Versione ↓ Symbols	_	Protocol	mber.	Standard job for working with manual job no				
Extras Help Information UP How Focuses D		Data						
Extrais Help Information ↓ New form ↓ Vestors ↓ Symbols								
Help information → New statures ↓ Vectors √ Symbols		Extras						
المحتمد المحتم الم		Heln						
konstantion ↓ New totautes ↓ Vestors ∠ Symbols		Those						
لی است		Information						
D Vestors 42 Symbols		New features						
La desta de la constante de la		Versions						
42 Symbols		-						
	_	C Symbols						
Trace		Trace				_		
🐉 Detalis Own job no. Selection Without job	3	X				Without job	m job no. Select job	Cotails Ov

11. Answer "No" to the "actual comparison" request.



12. At the end of initial operations (see bottom-right status bar), select "Special functions".



13. Select "SVM – Direct input: SVM code for problem related update" clicking the related row.

Click "Perform test..." to execute the SVM function.

Critboard Die	egnostic Information System Service - 3.0.1		_		
Importer:	INT	Vehicle identification no.:	ZHWEC1ZFXFLA00339	🚙 🛼 🍗	LANDANG HINT
Dealer:	10068	Engine:	5.2I V10 FSI / 449 KW	L	\ 💒 /
Job:				1	
Control unit	s Orders DISS TPI Testplan Se	equence Special functions			🍘 Info
Tests for th	e complete vehicle				🚱 Admin
Status	Tests			*	
	Power supply				Protocol ¥
-	A - Connection points m	aintainer/charger			Data *
	Control units overview				
-	Control units overview				Extras *
	Software Versions Management	(SVM)			Help ¥
	Erase fault memory - ow	erall system		1	Information *
-	SVM - Activations			=	New features
-	SVM - Direct input: SVM	code for problem-related update			Service Versions
-	SVM - Specified/actual of	comparison			🄄 Symbols
SVM	101_0810_88_problembezog	enes_Update@00068		^	
				*	Trace #
Perform te	st Show documents	k			>> 🔯 🔇
	Canada Channes				

14. Insert the code L624A0116 in the upper box.

Click "Adopt".

C Officerd Diagnostic Importer: Dealer: Job:	Information System Service - 30 INT IO088 	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.21 V10 FSI / 449 KW		
Control units Ord Problem related	ers DISS TPI Test plan hardware and software u	Sequence Special functions	L62	4A0116	Self-diagnosis protocol
Software Versi You have select - Enter the requi	on Management (SVM) ad the program for probler red SVM code.	n related updates.		eanily.	· Ada Display Of Added in cycles
Note The appropriate • Technical Bu • Update CD • Description c	SVM code can be found dietin If field actions	in the various medias.		Function description	Data * Current view
		De		nstructions for settings	Diagnostic session
	ŀ	< < > >	Help Cancel test		» 🛛 📀

15. Click "Yes" to confirm that the inserted code is correct.



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16. Click "Done/Continue" to start the data acquisition from all ECUs.



During the SVM operation a battery charger must be connected.



17. Wait until the data acquisition from all ECUs is completed.



18. Click "Done/Continue"



19. For the online authentication a valid GeKo account is necessary.

Be sure that the internet connection is correctly established.

Insert your GeKo user name in the field "User name" and the pin 1324 + current 6 digit code displayed on your GeKo token in the field "Password".

Then confirm clicking "Adopt".

User name	DPxxx	xx	
Password	•••••		
(15)		Adopt	Cancel

20. The communication is then established with the central server.

The following message is displayed:

"software to be updated has been detected (on **one** control unit)."

Click "Done/Continue"



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21. AC System software update.

The figure below refers to the software version and the part number of the air conditioning control unit of the vehicle used as example.

Those data may change depending on the car.

Click "Yes" to check the availability of the software on the Mirrorserver.



22. Verify the new AC system software and click "Yes" to start the update.





Do not disconnect the hardware interface from OBD plug and do not switch ignition OFF during the software update!

23. Wait until the update programming of the air conditioning system ECU is completed.



- 24. Once the update programming has been completed successfully a message is displayed.
 - Click "Done/Continue".

If the update programming has not been completed or has been unsuccessful:

- Turn the ignition OFF;
- Wait at least one minute and turn the ignition ON again;
- Click "Repeat" to restart the update procedure if it is directly requested by the program; otherwise repeat the procedure from step 12.



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25. An ignition OFF-ON cycle is necessary to restart the ECU.

Click "Done/Continue".

nporter:		Vehicle identification no.:	ZHWEC1ZFXFLA00339	🧔 🖣 🍗	CANDONCH W
lealer:	10088	Engine:	5.2I V10 FSI / 449 KW		
ab:					
ntrol units Ord	ers DISS TPI Testola	Sequence Special functions		_	Self-diagnosis protocol
roblem related	hardware and software u	pdate		► Done/Continue	1 New
erminal 15 sek	ction				Add .
the following i	is necessary to switch the	a ignition off and on.	·		Display
Press the Don	e button and follow the inst	tructions.			Added in cycles
					Cycle stop
		4			μ
					Data
				Function description	Citl Print
				Instructions for settings	Diagnostic session
					🖪 Stop
					🕼 Next
			-		Hotox
2 12		A A & & &			

26. Switch the ignition OFF.

Click "Done/Continue".



27. Switch the ignition ON.

I

Click "Done/Continue".



28. It is necessary to perform a calibration.

Click "Done/Continue".



29. Wait until the calibration data download is complete.

Click "Done/Continue".



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30. Complete ECU 08 - Air Conditioner/Klima calibration:

Click "Done/Continue".

If the calibration update has not been completed or has been unsuccessful:

- Turn the ignition OFF •
- Wait at least one minute before turning the • ignition ON again

Click "Repeat" to restart the update procedure if it is directly requested by the program; otherwise repeat the calibration from step 28.



31. Click "Done/Continue" to complete the SVM.



32. SVM can be completed after data acquisition from all ECUs.

Click "Done/Continue".



33. Wait until the data acquisition from all the control modules is complete.



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34. Once the data report has been sent a feedback is displayed as shown in the picture below.

The software update of air conditioning ECU has been completed successfully and all data have been stored in the system.

Click "Done/Continue".



35. Click "Done/Continue".

Importer: Dealer: Job:	INT 10088	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.2I V10 FSI / 449 KW	🧈 🏪 🍾 ම	
Control units Ord	ars DISS TPI Test pla	n Sequence Special functions			Self-diagnosis protocol
Problem related	hardware and software u	ipdate		► Done/Continue	🖺 New
Action evaluatio	,				🐑 Add
The program for	Software Version Manag	ement (SVM) was performed.	*		Display
All necessary ac	tions on the vehicle need	to be completed before proceeding.			G Added in cycles
					🚱 Oyclic stop
		A			Data
				Function description	Current view
				Instructions for settings	Print
					Diagnostic session
					C. Next
					rHotfix-

- 36. Once the update is finished and the SVM program is completed the vehicle has to go in sleep mode.
- 37. First of all please save the current diagnosis session.

Click "Stop" in the "Data" menu.

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Click "Save" in the next dialogue box.



38. Select the path to save the session and click "Save".



39. Activate the electronic parking brake (EPB) on the car, turning on the EPB warning light on the instrument cluster.



Turn the ignition OFF.

Remove the diagnosis interface.

Close the doors.

Wait at least five minutes, until the instrument cluster and <u>in particular the EPB warning light turn off</u>.

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40. Reconnect the diagnosis interface and turn the ignition ON.



IMPORTANT

In ODIS initial screen <u>DO NOT click "Start diagno-</u> sis", but CLICK "Next" in the "Data" menu.

Importer: Dealer: Job:		Vehicle identification no.: Engine:			•
	Objective: Comprehenverice with the sensities with the scientific functions with the available of the sensitive of the sensit	Velcome to the dia where the provide the results and the full memories will be results the for diagnosis: If you would like to wo the for diagnosis: If you would like to wo the results the resul	agnostic progra executed the vehicle and sit of then the "Quided Fault Field" with with a veranal of Fault Field with the averand the sit of the site	m Intel the disposite, the gr and "Outded Frunctions" an alico use self diagnosis:	Data Control Mon Control C

41. Select the diagnostic session previously saved and click "Open".



42. Select again the "Special functions" tab and click "Erase fault memory – overall system": this is necessary to delete all errors created during the software update procedure.

Click "Perform test...".



43. Switch the ignition OFF and click "Done/Continue".



44. Switch the ignition ON and click "Done/Continue".

Importer: Dealer: Job:	INT 10088	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.2I V10 FS1/449 KW	🧢 📭 🔀	
Control units Ord	ers DISS TPI Test plan	Sequence Special functions			📦 Info
Erasing DTC m	emory - complete system			► Done/Continue	(@ Aamin
Read out fault m	emory		×		Protocol
 Switch ignition 	ON				Data
					Extras
					Help
					Information
					New features
					😂 Versions
					 Symbols
					Trace
a .	k	< > >	Help Cancel test		× 10
				Execution of the	102

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45. There might be static errors which cannot be deleted.



To remove this type of errors from the AC ECU, the related "Basic Settings" have to be performed.

Click "Done/Continue".



Basic Settings for ECU 08 – AC system

46. Select KLH-08 ECU and right-click on it.

Click "Guided Functions" in the drop-down menu.

Offboard Diagnostic	Information System Service - 3.0.1	Contract of Contract	Contraction of the local distance of the loc		
Importer:	INT	Vehicle identification no.:	ZHWEC1ZFXFLA00339	🥔 🖣 🍗	CANDON CHIM
Dealer	10088	Engine:	5.2I V10 FSI / 449 KW		
Job:					
Control units Ord	ers DISS TPI Test plan :	Sequence Special functions			Display
Block diagram					Added in cycles
		062_02 0ET_02 BRE_03 ALR_22 V	8,00		Cyclc stop
	econautor	AR_15 BF5_53 M01_01 M08_11 A	KL_10 L00_44		Data
	(t_00_	2K8_48 RAD_14 0:05_08 KU1.08	存38 154.02 982,30 LRE_36		Print
	1	501_17 545_38 950_55 ZU5_59 Iden	tity control unit		Stop
		RFK_6C SOU_47 Sele	ct variant		🕼 Next
		Rea	d fault memory		Hotfbr
		RID_56 PE_5F MSG_A6 Rea	d all fault memories		😌 Get
् 🍳 🔍	1	Guid	ed functions		🙆 Delete
Block diagram C	ontrol unit list <i>Installation lis</i>	Fault memory list Equipment list			🕭 Load test baseline
Diagnosis	🗉 Displaying 🍕 Sorting				» 🗵 😋

47. Select 08 – Basic setting to execute the Air Conditioning basic settings.

Click "Execute".

Guided functions
Air Conditioning
08 - Basic setting, (Main gr. 08; Subgr. 15, 16)
08 - Coding, (Main gr. 08; Subgr. 15, 16)
08 - DTC memory content, (Main gr. 08; Subgr. 15, 16)
08 - Function test
08 - Identification, (Main gr. 08; Subgr. 15, 16)
08 - Installation locations
08 - Measured values, (Main gr. 08; Subgr. 15, 16)
08 - Output Diag. Test Modus, (Main gr. 08; Subgr. 15, 16)
08 - Replace control unit, (Main gr. 09; Subgr. 81)
Execute Cancel

48. Click "Done/Continue".

iporten ealen	INT 10088	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.21 V10 FSI / 449 KW	🥔 🏪 🏷	
ob:				B	
ontrol units On	ders DISS TPI Test play	Sequence Special functions			Display
255 - Basic se	tting			Done/Continue	Added in cycles
lote					G Cycle stop
the Climatron	c control unit -J255 is repla	aced or a new control motor installed, a basic	setting must be performed.		0
					Data c Current view
					D Print
					Diagnostic session
	Þ				Stop.
				Function description	Rext.
					Hottox
					Get
					Hotix Get Delete
					Helitix Get: Delete Load test baseline

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49. Click "Done/Continue".



- 50. Make sure the AC system is active.
 - Click "Done/Continue".



51. Click "Yes".



52. If there are static errors stored in the ECU memory when requested to quit the Basic Settings, answer <u>"No".</u>

If there are no errors in the memory of AC ECU, the tester moves directly to the next step.



- 53. Execute the AC basic setting in the following order:
 - **Basic setting 4** to perform the servomotors auto-addressing.
 - **Basic setting 1** to perform the servomotors flaps position self-learning.
 - Basic setting 3 to perform the A/C compressor performance test.



Click "Function description" for basic settings information and measured values meaning.

During the "Basic Settings" operations the AC led on the panel flashes.

Click "Basic setting 4".



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54. Basic setting 4

Make sure that ignition is ON.

Click "Done/Continue".

Critboard Diagnostic Information System Service -	301			
Importer: INT Dealer: 10088	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.21 V10 FSI / 449 KW	🧈 🏪 🏷	
Control units Orders DISS TPI Test p	lan Sequence Special functions			Operating modes A
J255 - Basic setting			► Done/Continue	Olagnosis
Select basic setting		×		() Self-diagnosis
Note: To perform this basic setting, start the	te engine and allow to idle.			Test instrument
 If the required measured values are temperatures), perform this basic setting 	not attained due to extreme ambient condit 1g again at an engine speed of around 2000	ions (very high ambient Irpm.		🍘 Info
				🎯 Admin
		-	Function description	Protocol *
	De			Save
				Drint
				Diagnostic protocol
	K < > >	Help Canceltest		
			Descution of the	a best

55. Click "Done/Continue" to perform the basic setting.

Importer: Dealer: Job:	INT 10088 	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.21 V10 FSI / 449 KW	🧈 🏪 🏷	
Control units Ord	lers DISS TPI Test pla	Sequence Social functions			Operating modes *
J255 - Basic set	ing			Done/Continue	📎 Diagnosis
Select basic set	ing				🍅 Self-dagnosis
Depending o	n control unit variant, all av	ailable control motors are automatically ad	dressed.		Stash re-programming
 Description c 	f functions	inal 15 must remain switched on.			Test instrument
					😭 Info
					49 Admin
G.				Function description	Protocol *
					🛃 Save
					D Print
					Diagnostic protocol
			-		🥎 Send
B					

56. Make sure the basic setting status has moved to "performed".

Ca Onboard Disgrosse	unormation system service + s.u.		and the party of the local data was		
Importer:	INT	Vehicle identification no.:	ZHWEC1ZFXFLA00339	<i> 🐢</i> 🖣 🍗	(LANDDISCHINI)
Dealer:	10088	Engine:	5.2I V10 FSI / 449 KW		
Job:					
Control units Ord	lers DISS TPI Test plan	Sequence Special functions			Operating modes \$
J255 - Basic set	ting			In DepailContinue	🚱 Diagnosis
Basic setting 4				P Donesconance	🍘 Self-diagnosis
Basic setting sta	atus: performed		~		Stash re-programming
7					🛆 Test instrument
-					📦 Info
If the basic setti	ng did not terminate autor	natically, press the 🕨 button.			🚱 Aamin
					Destand
				Function description	General
					🛃 Save
	N				Print
	Le .				Diagnostic protocol
			Ψ.		No Send
	ŀ	< < > >	Help Cancel test		» 🔯 🔿

57. Click "Done/Continue".

Importer: Dealer: Job:	INT 10088	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.2I V10 FSI / 449 KW	🧈 🏪 🍾	
Control units Ord	lers DISS TPI Test pla	Sequence Special functions		-	Operating modes
.1255 - Basic set	fino			Department	🚱 Diagnosis
Basic setting 4				P Done Continue	🍘 Self-diagnosis
Basic setting 00	14 is terminated successfu	ly.	*		🕼 Flash re-programmin
No faults are en	tered in the fault memory.				🕰 Test instrument
					😝 Info
					G Admin
		4			
				Function description	Protocol
					5ave
					D Print
					Diagnostic protocol
			-		💫 Send
			Helo Cancel test		

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58. Click "Yes".



59. Click "Basic setting 1"



60. Basic setting 1

Make sure that ignition is ON.

Click "Done/Continue".



61. Click "Done/Continue" to perform the basic setting.

The AC led on the control panel flashes.

Contract Diagnosti	ic Information System Service - 3.0.		Without the second second		
Importer:	INT	Vehicle identification no.:	ZHWEC1ZFXFLA00339	🥔 🛼 🍗	L'AMERICAN INT
Dealer:	10088	Engine:	5.2I V10 FSI / 449 KW		\ <u>M</u> }/
Job:				B	
Control units	ders DISS TPI Test plar	Sequence Special functions			Operating modes *
J255 - Basic se	tting			Dane/Continue	🥸 Diagnosis
Select basic se	tting			- Dona Commune	🍘 Self-diagnosis
• While basic	setting 001 is running, term	inal 15 must remain switched on.	^		Stash re-programming
AC is active as (only with air co	long as no basic setting handitioner).	s been performed, and can only be deactiva	ted once it has been performed		Test instrument
 An active ba Description 	of functions	by a hashing AC LED.			📦 Info
					🎯 Admin
					Protocol 8
				Function description	General
					Save Save
					D Print
					Diagnostic protocol
			~		Ng Send
	ŀ	< < > >	Help Cancel test		>> 🔯 📀
				Supporting of	

62. Make sure the basic setting status has moved from "activated" to "performed".

Ca Offboard Diagnostic In	formation System Service - 3.0	0	AND TRANSPORT OF THE OWNER OF THE OWNER.		0.0	8
Importen	INT	Vehicle identification no.:	ZHWEC1ZFXFLA00339	🥔 🛼 🍗	COMPOSICE IN	
Dealer	10088	Engine:	5.2I V10 FSI / 449 KW			
Job:						
Control units Ordes	rs DISS TPI Test pla	n Sequence Special functions		_	Operating modes *	
J255 - Basic settir	ıg			Done/Continue	🤡 Diagnosis	
Basic setting 1					🍘 Self-diagnosis	
Basic setting state	us: activated		*		Flash re-programming	1
11	Ξ		×		🖾 Test instrument	
Active basic settin	ng 001 is identified by a	flashing AC LED.	14		📦 Info	
i Note:					🧐 Admin	
If the basic setting	g did not terminate auto	matically, press the 🕨 button.				Ì.
				Eunction description	Protocol *	
					Save	1
					Titl Print	ł
					Diagnostic protocol	
			-		🎭 Send	
		< < > >	Help Cancel test		» 🛛 🔿	
				Execution of th	er test	-

63. Click "Done/Continue".



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64. Click "Yes".



65. Click "Basic setting 3".



66. Basic setting 3



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This basic setting must be performed with engine ON.

During this procedure the AC led on the control panel flashes.

Click "Done/Continue" to execute the basic setting.

Turn the engine ON.

Click "Done/Continue".



67. Check the air conditioning parameters and wait until the procedure is complete.

Critboard Diagnostic	Information System Service - 3	01			
Importer: Dealer: Job:	INT 10088	Vehicle identification no.: Engine:	ZHWEC1ZFXFLA00339 5.2I V10 FSI / 449 KW	🧈 🦆 🏷	
Control units Ord	ers DISS TPI Testpt	an Sequence Special functions			Operating modes *
J255 - Basic set	ling			► Done/Continue	Oragnosis
Basic setting 3					p ser-diagnosis
Ambient temper Refrigerant pres Compressor cur	ature control: 21 °C sure: 8 bar rent: 0.605 A				Flash re-programming
Temperature do	wnstream of evaporator:	15 °C			🃦 Info
Active basic set	ting 003 is identified by a	a flashing AC LED.			🧐 Admin
				Function description	Protocol *
	Da				Save
					D Print
					Send
		<	Help Cancel test		» 🛛 📀
				Execution at 1	wind and a second se

68. Make sure the basic setting status has moved to "performed".

Click "Done/Continue".



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69. Turn the engine OFF.

Click "Done/Continue".



70. Turn ignition ON.

Click "Done/Continue".



71. Click "Done/Continue" to end the basic setting.



72. Click "No" to quit the program.



73. Verify that all errors have been deleted from the air conditioning ECU memory. If some sporadic errors are still present, cancel them.



If any <u>static error</u> is still present in the air conditioning ECU memory after the software update and the basic settings operations, repeat the procedure from step 46.

Diagnosis protocol saving procedure:

74. Expand the "Protocol" right-hand menu.

Comboard Diagnost	c Information System Service - 3.0.1	Country and the second second	and the second division of the second divisio		
Importer:	INT	Vehicle identification no.:	ZHWEC1ZFXFLA00339	🚙 🛼 🍗	CANCERTERIN
Dealer	10088	Engine:	5.2I V10 FSI / 449 KW		\ 💒 /
Job:					
Control units Or	ders DISS TPI Test plan :	Sequence Special functions			Operating modes *
Block diagram					👽 Diagnosis
					🍅 Self-diagnosis
		GE2_C2 GET_02 BRE_00 ALR_22 \	A.S_00		C Flash re-programming
	con sector	AIR_15 BITS_53 MOT_01 M28_11 /	92_18 UOL_44		Test instrument
G	00_19	2K5_46 RAD_14 010_00 KLH.08 0	5/F_38 THA.SC 5/2_30 LPE_16		😝 Info 💡
					🚱 Admin
		5051,177 SNE_38 RE1_65 Z.6_65 L	WR_55 E2E_09 ELD_35 TBF_52		
		RFK_6C SOU_47			PIOLOCO
					Data ¥
		RIO_56 IFE_5F MSG_46			Extras *
्र 🍳 🔍		Graphic rep	resentation finished		Liste X
Block diagram	Control unit list Installation ils	Fault memory list Equipment list			
Diagnosis	Displaying 💐 Sorting	a.r			» 🛛 🔾

75. Click "Save" in the "General" group.



76. In the dialogue box select:

Long protocol _

Then click "OK".



77. Select the path on your laptop where you want to save the diagnosis protocol. (default path is set under ODIS Service installation folder and can be changed in Admin menu)

Diagnosis protocol format is internet ".htm".

Click "Save".



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Click "Print" in the "Diagnostic Protocol" menu to print the protocol directly on a .pdf file (if Adobe pdf is available) or in paper format sending it to a printer.



78. The diagnosis protocol has to be attached to the related Warranty Claim

(in order to insert the claim on the Web Portal, please refer to Warranty Claim Manual you can find under the Portal, Warranty section).

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Trouble shooting

- A. If the following dialogue box appears during ECUs identification:
 - Click "Continue"



- B. If the error message regarding the VAS5054 interface and the two icons for "on board connection" and "key status" are displayed as in the picture below:
 - Click "Cancel";
 - Repeat the VAS5054 HW interface installation following the procedure (*) "VCI Manager v2.0", by entering in the menu "Extras" on the right side and clicking "Diagnostic interface".



- C. If one of the connection error screens is shown as in the pictures below:
 - it is not possible to establish a connection with the central server. Please check carefully that the diagnosis laptop is properly connected to the internet network and retry clicking "Yes" or "Done/Continue".



- D. If the loss of connection happens during the target/actual comparison during SVM procedure:
 - It is not possible to connect to central server, check the working connection of internet and retry clicking "1".



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- E. If the incorrect identification message is shown as in the picture below (error code: ODS1007E):
 - be sure that your Geko account is valid;
 - be sure that the label "Geko" is written on the token that you are using for the authentication;
 - be sure the Password inserted is correct;
 - click "Cancel" and perform the application test (see document
 - "ODIS_Checking_ConnectionServer_SVM_2 .0" (*)).

🔂 Login		25
User name		
Password		
ODS1007E Connection: Negative response	from server: authentication: invalid user / password. The error ID is	s CBS0004E.
	Adopt	Cancel

- F. If the infrastructure error message is shown as in the picture below (error code: ODS9212E):
 - make sure that your Geko account is valid
 - check that the label "Geko" is written on the token that you are using for the authentication
 - verify in ODIS settings you have "Internet" instead of "CPN" (see document "ODIS_Initial_Setup_2.0" (*))
 - click on Cancel and perform the application test (see document
 - "ODIS_Checking_ConnectionServer_SVM_2.0"
 "(*)



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- G. If the same error is present during the application test, try the following procedure:
 - quit ODIS;
 - Enter the folder C:\Program Files (x86)\Offboard_Diagnostic_Information_Syste m_Service\.automatic_sessions on your diagnosis laptop;

rganize 🛪 📄 Open Burn New folder					§II • 🛄
Microsoft Visual Studio 8 Microsoft.NET	*	Name	Date modified	Туре	Size
		automatic_session_1422452164944	28/01/2015 14:36	File	86)
MSBuild					
Nokia					
Offboard_Diagnostic_Information_System_Ser	vice				
🔒 .automatic_sessions					
🍶 .gfs	-				

- delete the only file present in that folder.
- re-Start ODIS Service under following conditions:
 - 1. Network connection available;
 - 2. ODIS connection set on "Internet";
- Retry the application test and the SVM with your GeKO Token.



In the case an error is still present, repeat the procedure with a second GeKO token, if available.

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- H. In the case the flash container is not detected (see figure):
 - Make sure to be recently synchronized with Mirrorserver by checking the last date of Sync:
 - <u>http://mirrorserver/maintenance/diagnosis.py</u>
 - or
 - http://IP_address/maintenance/diagnosis.py
 - if you don't have previously defined the "mirrorserver" IP address alias.
 - Make sure to be correctly connected with Mirrorserver.

MS/2 Diagnosis

Configur	ation			
Base path		/van/www/desert		
Provider URL		https://altair.mirrorserver2.net/deployment		
Repository URL		https://altair.mirrorserver2.net/storage		
Feedback URL		https://altair.mirrorserver2.net/health		
Proxy		10.48.187.43		
Key file		/var/www/desert/certs/userkey.pem		
Certificate		/var/www/desert/certs/usercert.pem		
Test	s			
Local file/directory permissions		ок		
Diskspace		ок		
Provider reachable		OK (altair.mirrorserver2.net)		
Repository reachable		OK (altair.mirrorserver2.net)		
Feedback reachable		OK (altair.mirrorserver2.net)		
Provider WebDAV access		OK (https://altair.mirrorserver2.net/deployment		
Repository WebDAV access		OK (https://altair.mirrorserver2.net/storage)		
Feedback WebDAV access		OK (https://altair.mirrorserver2.net/health)		
Successful package downloads		8		
Failed package downloads		0		
Last Sync		16/02/14 22:01:01		
	Start tests			

Click "Start tests" and verify "Last Sync" date.

NOTE:

(*)ODIS technical documentation can be retrieved on the Lamborghini web portal, under ODIS section.



IMPORTANT REMARK:

The documents to be mandatory attached to the claim are:

- Job order done;
- Diagnosis Protocol saved.

Failure in following the procedures may lead to the rejection of the request.

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