



To All Lamborghini Dealers and Licensed Service Point.
From After Sales Department.
Subject GFA Software Update.
Group 10.01.00
Date 09/11/2012
Pages 32

Subject

GFA Software Update.

Models/VINs involved:

Aventador LP-700 MY12 from VIN CLA 00091 to VIN CLA01034.

Attention: 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 a continuous product monitoring, Automobili Lamborghini S.p.A. has found that on some vehicles the light on instrument cluster which warns malfunction of side air intake flap may sporadically light on in absence of any real defects.

Field solution

Follow the herein reported instruction to update the GFA Software Update.

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



Warranty Claim data

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

Campaign Code: L834-A.10.12
Campaign Description: GFA software update
Cost Code: 50
Component Code: CCA1012
Trouble Code: 220
Labour Code: CCA1012100
Labour Time: 1 hr

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

<p>Service/Service Service/Service Servicio <input type="checkbox"/></p> <p>Richiamo/Rückruf Recall/Rappel Llamada a Taller <input type="checkbox"/></p> <p>Numero/Nummer Number/Numéro Número <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data/Datum/Date/Date/Fecha <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data riparazione/Reparaturdatum Repair Data/Date de réparation Fecha reparación <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <hr/> <p>Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer Effectué par le concessionnaire / Efectuado por el Concesionario</p> <hr/> <p style="text-align: center;">Firma / Unterschrift / Signature / Signature / Firma</p> <hr/> <p>Service/Service Service/Service Servicio <input type="checkbox"/></p> <p>Richiamo/Rückruf Recall/Rappel Llamada a Taller <input type="checkbox"/></p> <p>Numero/Nummer Number/Numéro Número <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data/Datum/Date/Date/Fecha <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data riparazione/Reparaturdatum Repair Data/Date de réparation Fecha reparación <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <hr/> <p>Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer Effectué par le concessionnaire / Efectuado por el Concesionario</p>	<p>Service/Service Service/Service Servicio <input type="checkbox"/></p> <p>Richiamo/Rückruf Recall/Rappel Llamada a Taller <input type="checkbox"/></p> <p>Numero/Nummer Number/Numéro Número <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data/Datum/Date/Date/Fecha <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data riparazione/Reparaturdatum Repair Data/Date de réparation Fecha reparación <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <hr/> <p>Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer Effectué par le concessionnaire / Efectuado por el Concesionario</p> <hr/> <p style="text-align: center;">Firma / Unterschrift / Signature / Signature / Firma</p> <hr/> <p>Service/Service Service/Service Servicio <input type="checkbox"/></p> <p>Richiamo/Rückruf Recall/Rappel Llamada a Taller <input type="checkbox"/></p> <p>Numero/Nummer Number/Numéro Número <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data/Datum/Date/Date/Fecha <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <p>Data riparazione/Reparaturdatum Repair Data/Date de réparation Fecha reparación <input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/>-<input style="width: 40px; border: 1px solid black;" type="text"/></p> <hr/> <p>Eseguito dal Concessionario / Ausgeführt von der Vertragswerkstatt / Done by the Dealer Effectué par le concessionnaire / Efectuado por el Concesionario</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



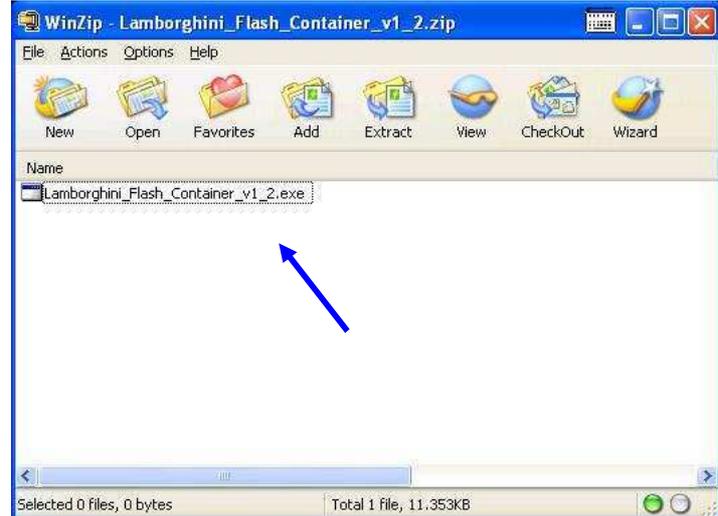
Workshop instructions



The instruction contained in this bulletin are based on version 19.52 of VAS-PC Lamborghini MY12 (see information bulletin BI.05.12).

Preliminary operations:

Lamborghini Flash Container version 1.2 download and installation procedure

1	Connect your Lamborghini Diagnosis Tester to internet and log on the Lamborghini web portal.
2	Open the section Customer Service / Download / Diagnosis SW / 2012
3	Download the file “Lamborghini_Flash_Container_v1_2.zip
4	<p>Double click on the just download zip file and then open the file Lamborghini_Flash_Container_v1_2.exe, as shown in the picture beside.</p> 

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.

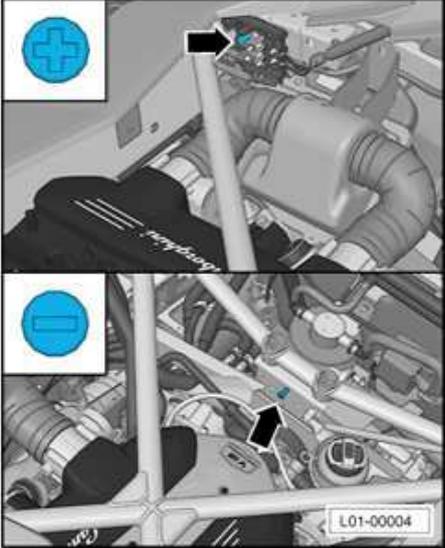


<p>5</p>	<p>Click on “Install” and wait that the installation is completed.</p>	
<p>6</p>	<p>Click on “Finish” to exit.</p>	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.

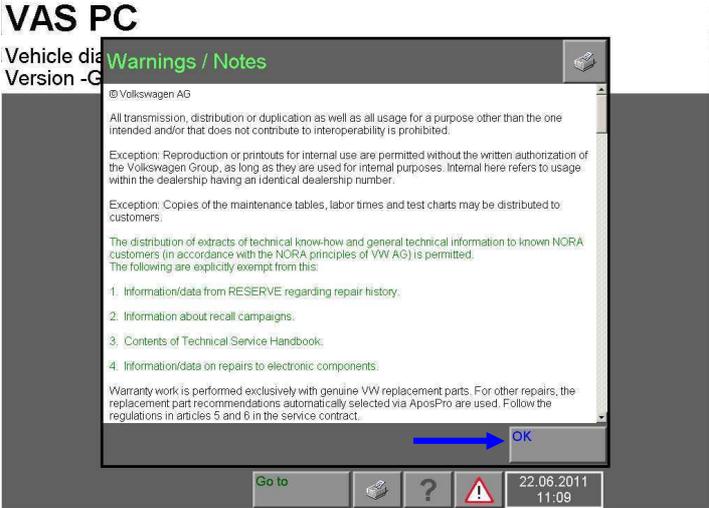


Update procedure:

<p>1</p>	<p>Please connect a battery charger to the recharge points available in the engine bonnet, as shown in the picture beside.</p>	
<p>2</p>	<p>Please connect the VAS5054 interface to the vehicle's OBD plug and to the diagnostic laptop.</p> <p>Turn the ignition ON.</p>	

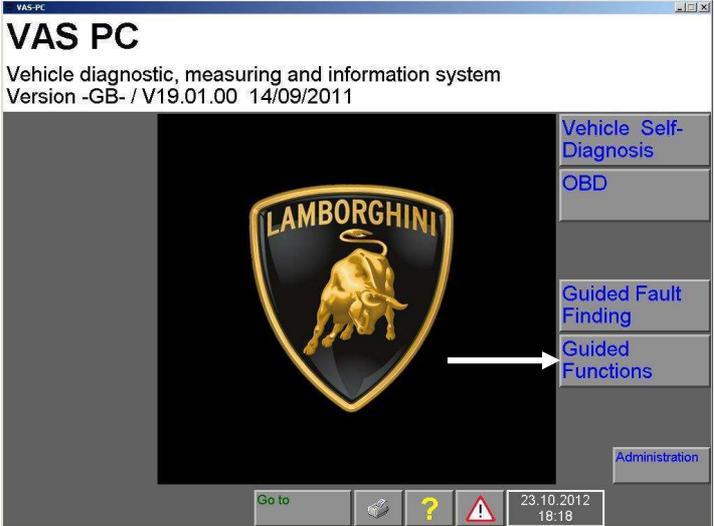
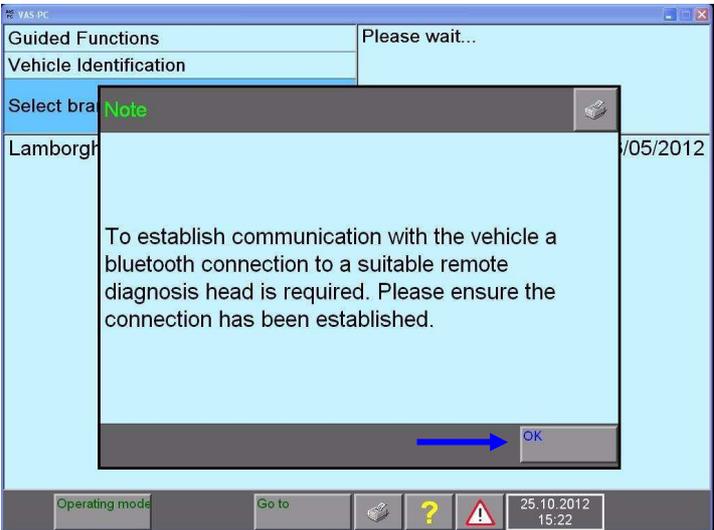
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



3	Start the VAS-PC double clicking on the related icon on the desktop.	
4	Ignore the message about the base-CD update. Click on "OK".	
5	Click on "OK" to hide the general information window.	

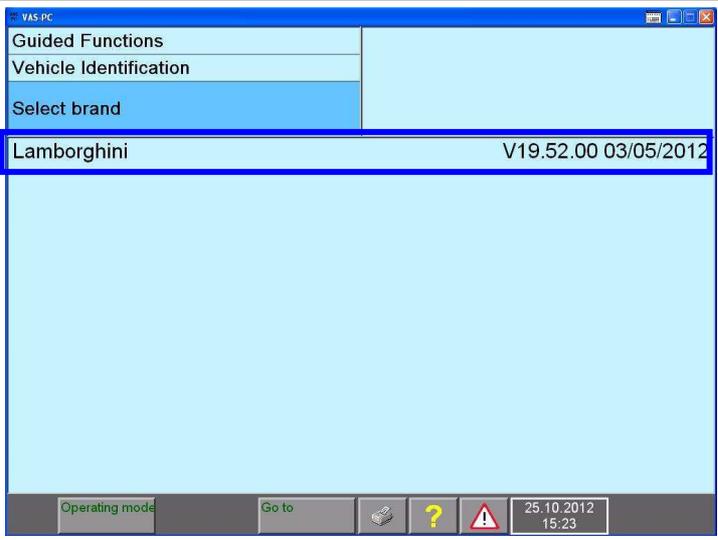
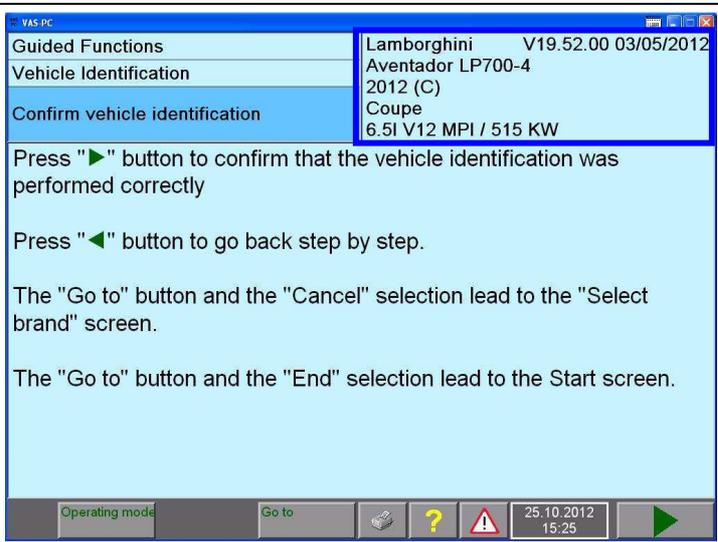
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



6	Select "Guided Functions".	 <p>The screenshot shows the VAS PC main menu. At the top, it reads "VAS PC" and "Vehicle diagnostic, measuring and information system Version -GB- / V19.01.00 14/09/2011". The central area features the Lamborghini logo. To the right, there is a vertical menu with options: "Vehicle Self-Diagnosis", "OBD", "Guided Fault Finding", "Guided Functions", and "Administration". A white arrow points to the "Guided Functions" option. At the bottom, there is a "Go to" button and a status bar showing the date and time as 23.10.2012 18:18.</p>
7	Click on "OK".	 <p>The screenshot shows the VAS PC interface with a dialog box open. The dialog box has a title bar that says "Note" and contains the text: "To establish communication with the vehicle a bluetooth connection to a suitable remote diagnosis head is required. Please ensure the connection has been established." At the bottom right of the dialog box, there is an "OK" button with a blue arrow pointing to it. The background shows the "Guided Functions" menu and a "Please wait..." status bar. The status bar at the bottom shows the date and time as 25.10.2012 15:22.</p>

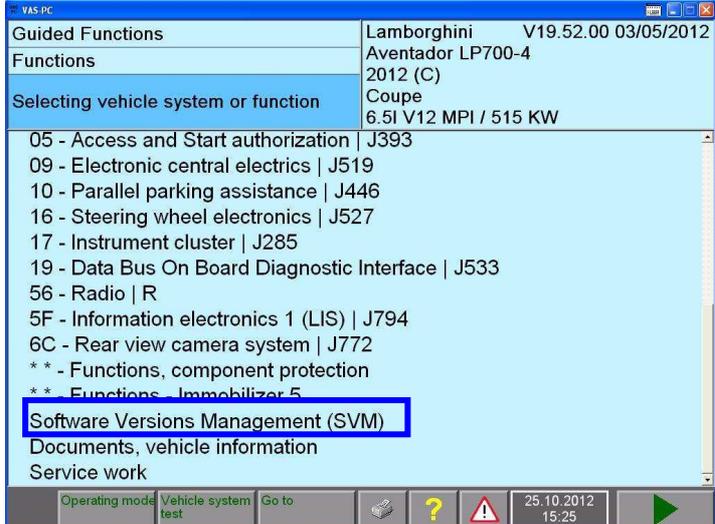
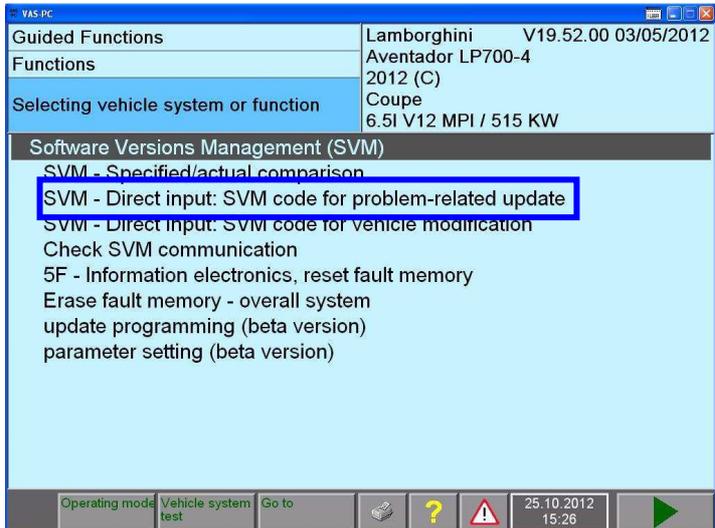
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>8 Click on “Lamborghini”.</p>	
<p>9 Confirm the vehicle identification data shown on the upper right clicking on .</p>	

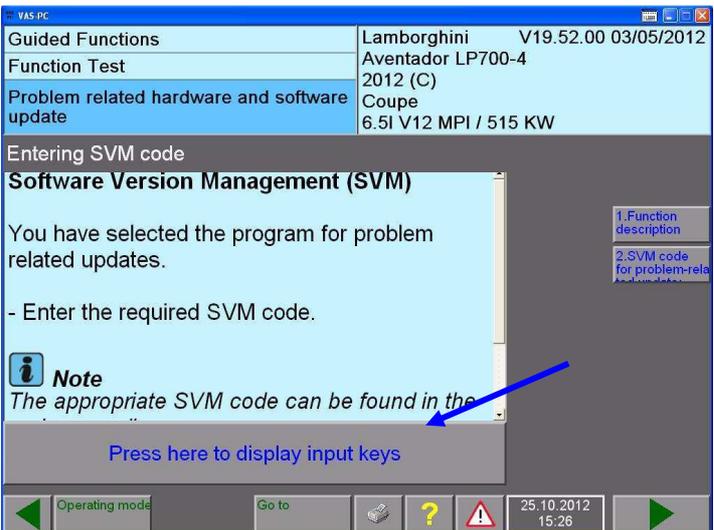
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>10</p>	<p>Scroll down the ECU list and select “Software Version Management”.</p>	 <p>The screenshot shows the VAS-PC interface with the following text:</p> <ul style="list-style-type: none">Guided Functions: Lamborghini V19.52.00 03/05/2012Functions: Aventador LP700-4 2012 (C) Coupe 6.5l V12 MPI / 515 KWSelecting vehicle system or function05 - Access and Start authorization J39309 - Electronic central electrics J51910 - Parallel parking assistance J44616 - Steering wheel electronics J52717 - Instrument cluster J28519 - Data Bus On Board Diagnostic Interface J53356 - Radio R5F - Information electronics 1 (LIS) J7946C - Rear view camera system J772** - Functions, component protection** - Functions - Immobilizer 5Software Versions Management (SVM)Documents, vehicle informationService work <p>The bottom status bar shows: Operating mode: Vehicle system test, Go to, 25.10.2012 15:25, and a green play button.</p>
<p>11</p>	<p>Select “SVM – Direct input: SVM code for problem related update” and click on  to add the program into the test plan.</p>	 <p>The screenshot shows the VAS-PC interface with the following text:</p> <ul style="list-style-type: none">Guided Functions: Lamborghini V19.52.00 03/05/2012Functions: Aventador LP700-4 2012 (C) Coupe 6.5l V12 MPI / 515 KWSelecting vehicle system or functionSoftware Versions Management (SVM)SVM - Specified/actual comparisonSVM - Direct input: SVM code for problem-related updateSVM - Direct input: SVM code for vehicle modificationCheck SVM communication5F - Information electronics, reset fault memoryErase fault memory - overall systemupdate programming (beta version)parameter setting (beta version) <p>The bottom status bar shows: Operating mode: Vehicle system test, Go to, 25.10.2012 15:26, and a green play button.</p>

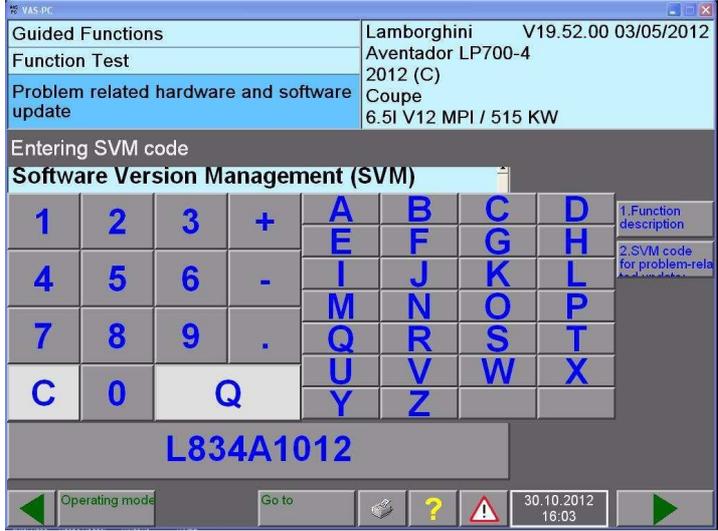
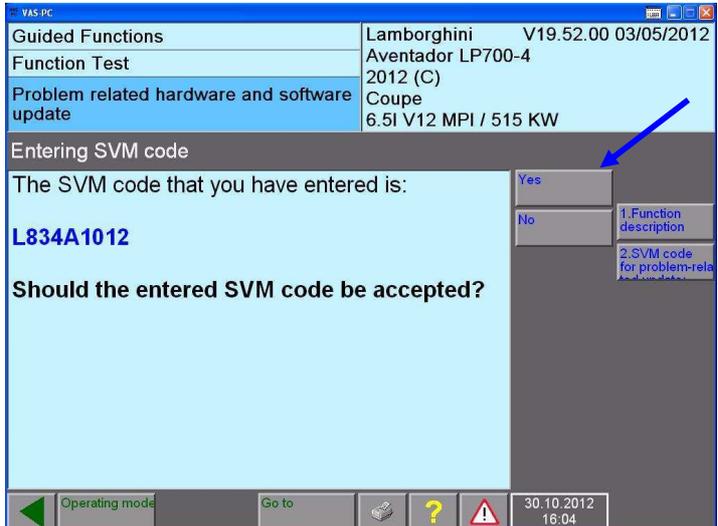
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>12</p>	<p>Run the program clicking on .</p>	 <p>The screenshot shows the VAS-PC interface. The top right corner displays 'Lamborghini V19.52.00 03/05/2012'. Below this, the vehicle details are listed: 'Aventador LP700-4', '2012 (C)', 'Coupe', and '6.5l V12 MPI / 515 KW'. The main area shows a grey bar with the text '- SVM - Direct input: SVM code for problem-related update'. At the bottom, there is a navigation bar with buttons for 'Operating mode', 'Go to', a help icon, a warning icon, and a date/time display '25.10.2012 15:26'.</p>
<p>13</p>	<p>Click on the grey bar to enter the SVM code.</p>	 <p>The screenshot shows the VAS-PC interface with a dialog box titled 'Software Version Management (SVM)'. The dialog box contains the text: 'You have selected the program for problem related updates. - Enter the required SVM code.' Below this is a 'Note' icon and text: 'The appropriate SVM code can be found in the...'. At the bottom of the dialog box is a grey bar with the text 'Press here to display input keys'. A blue arrow points from the right side of the dialog box to this grey bar. The background shows the same vehicle details as in the previous screenshot.</p>

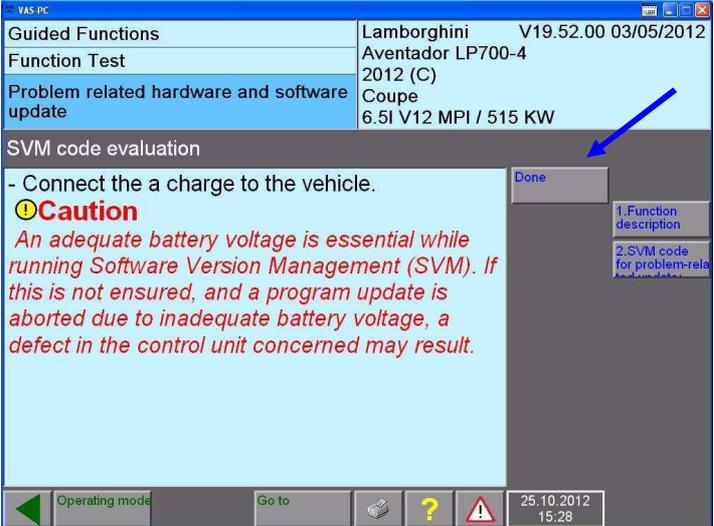
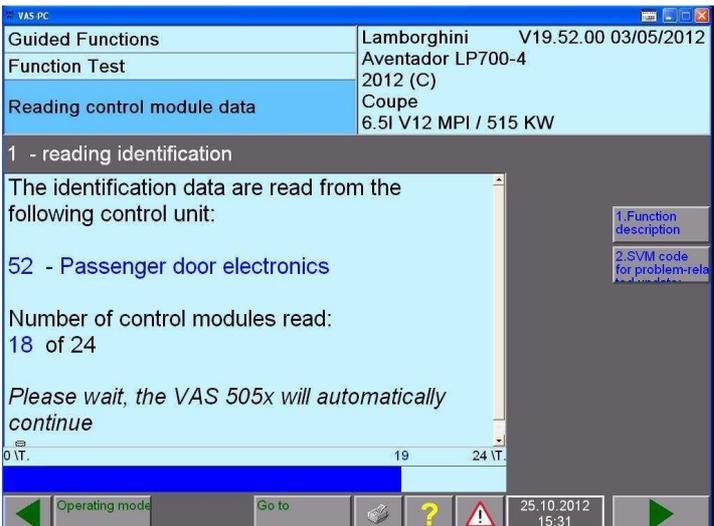
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>14</p>	<p>Enter the code L834A1012 then click on  to confirm.</p>	
<p>15</p>	<p>Confirm that the inserted code is correct clicking on “Yes”.</p>	

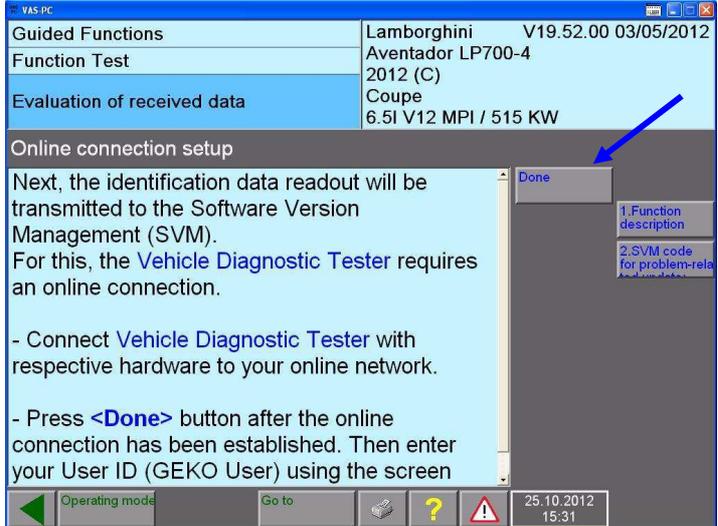
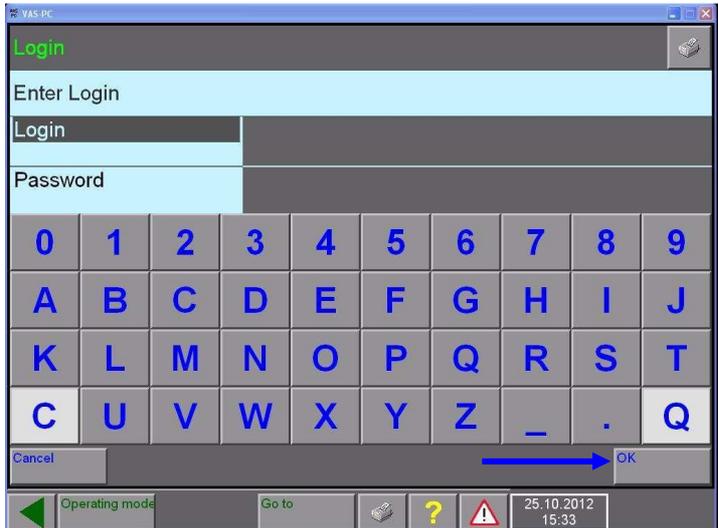
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>16</p>	<p>Click on “Done” to start the data acquisition from all the vehicle’s ECUs.</p>	
<p>17</p>	<p>Wait until the data acquisition from all control modules is completed.</p>	

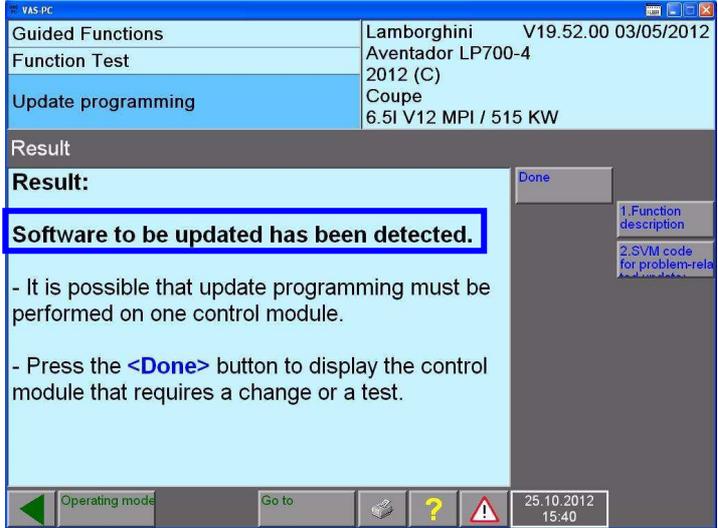
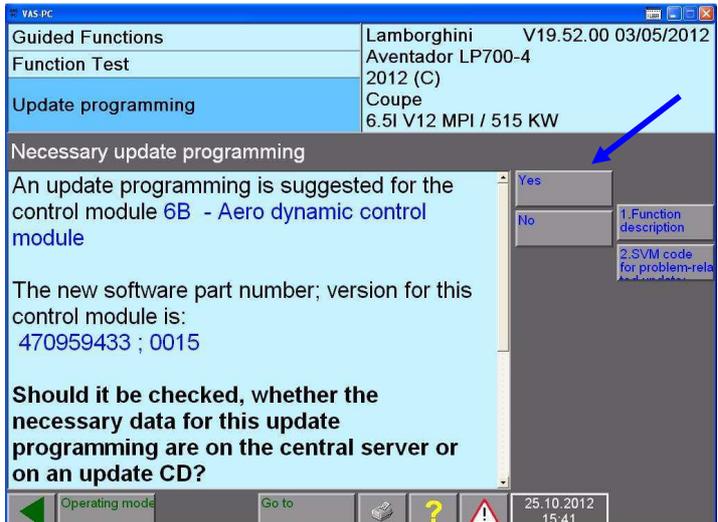
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>18</p>	<p>For the online authentication a valid GeKo account is necessary. <u>Be sure that your internet connection is working properly.</u> Click on “Done” to access the Login window.</p>	
<p>19</p>	<p>Insert your GeKo user name in the field “Login” and the pin 1324 + current 6 digit code displayed on your GeKo token in the field Password. Then confirm clicking on OK.</p>	

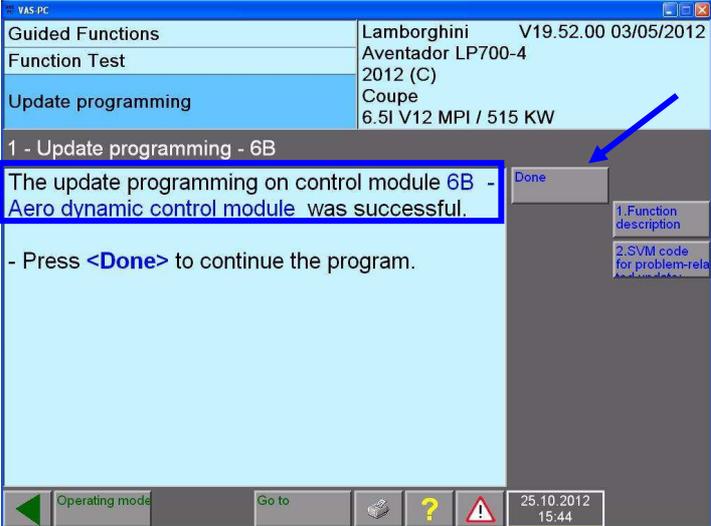
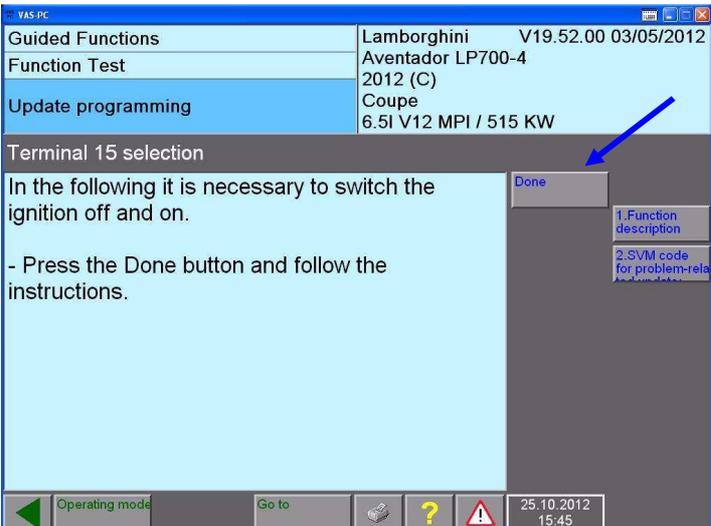
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>20</p> <p>If the screen appears as shown in the picture beside click on “Done”.</p>  <p>If the screen shown in the picture beside DOES NOT appear, the SVM system has NOT recognized any update for the aerodynamic control module (GFA) ECU. <u>Exit from the update procedure.</u></p>	 <p>The screenshot shows the VAS-PC interface for a Lamborghini Aventador LP700-4. The 'Update programming' section is active, and a message box displays: 'Software to be updated has been detected.' Below this, it states: '- It is possible that update programming must be performed on one control module.' and '- Press the <Done> button to display the control module that requires a change or a test.' A 'Done' button is visible in the top right corner of the message box.</p>
<p>21</p> <p>The new aerodynamic control module (GFA) software part number and version will be 470959433; 0015</p> <p>Press “Yes” to continue.</p>	 <p>The screenshot shows the VAS-PC interface with a confirmation dialog box titled 'Necessary update programming'. The dialog contains the text: 'An update programming is suggested for the control module 6B - Aero dynamic control module'. Below this, it says: 'The new software part number; version for this control module is: 470959433 ; 0015'. At the bottom of the dialog, it asks: 'Should it be checked, whether the necessary data for this update programming are on the central server or on an update CD?'. There are 'Yes' and 'No' buttons. A blue arrow points to the 'Yes' button.</p>

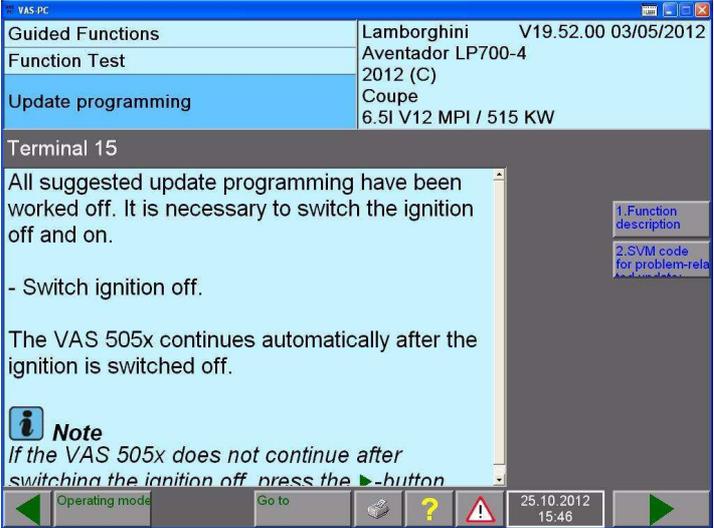
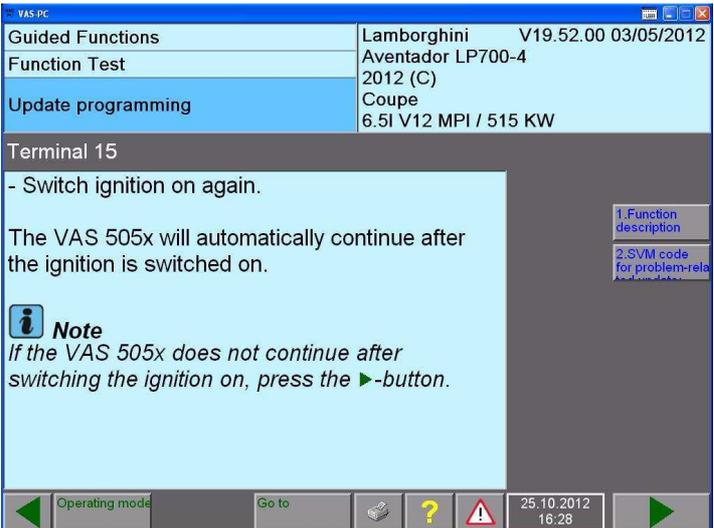
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>22</p>	<p>Once the update programming has been completed successfully a feedback as in the picture beside is displayed.</p> <p>Press “Done” to start the update programming of the aerodynamic control module (GFA) ECU.</p> <p>If the update programming has not been completed or has been unsuccessful:</p> <ul style="list-style-type: none">- turn the ignition OFF- wait 1 minute before turning the ignition ON again- if offered by the program: select “Repeat” to retry the update programming, otherwise repeat the procedure from step 12.	
<p>23</p>	<p>In the following an ignition OFF – ON cycle is necessary to restart both the ECU.</p> <p>Press “Done” to continue.</p>	

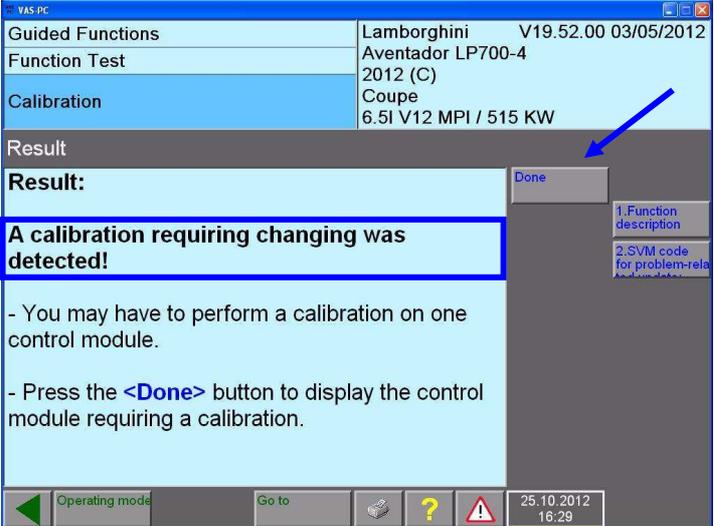
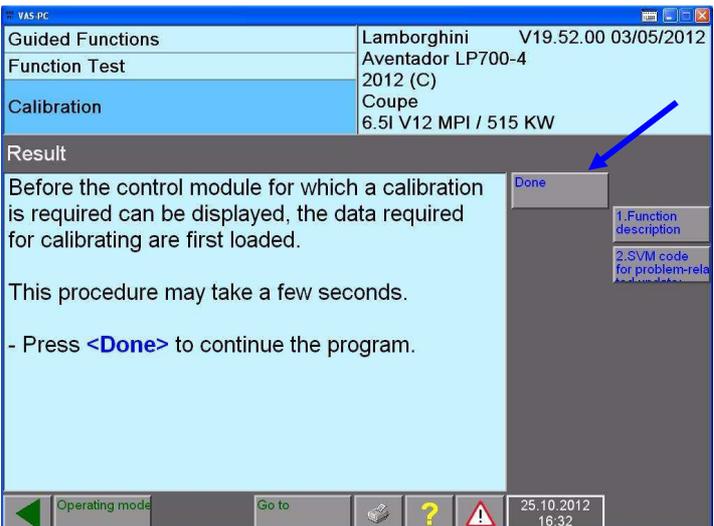
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



24	Switch the ignition OFF.	
25	<p><u>Wait 1 minute before switching the ignition ON again.</u></p> <p>Then press on .</p>	

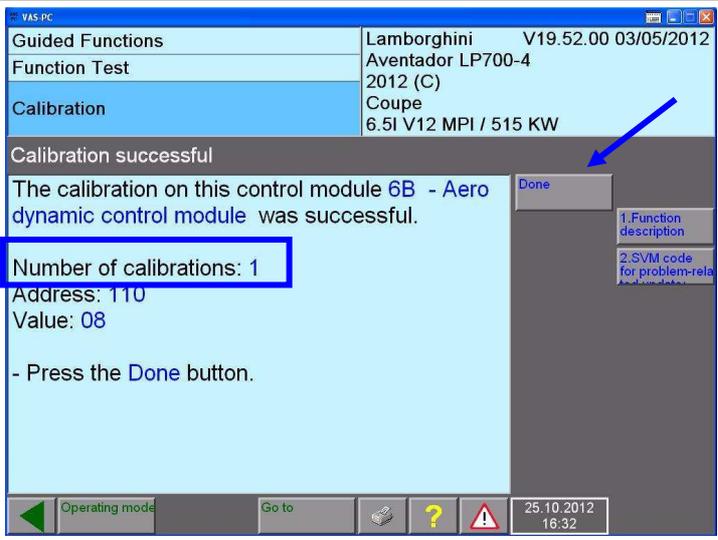
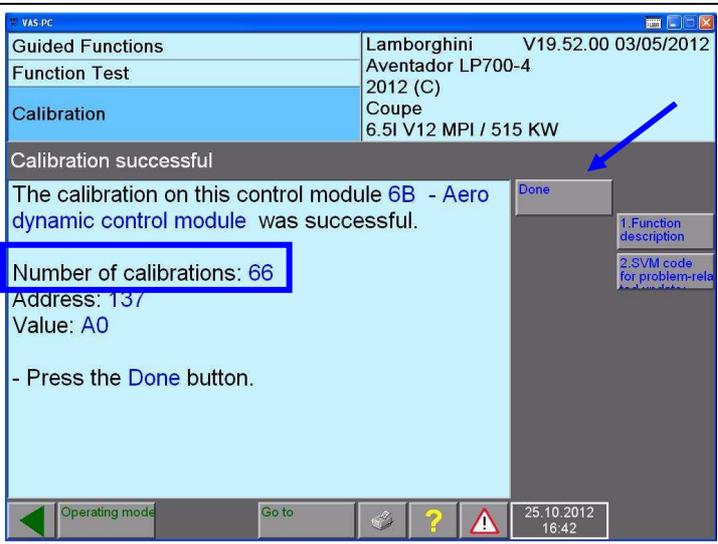
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>26</p>	<p>An electronic configuration (calibration) on the aerodynamic control module (GFA) is also necessary.</p> <p>Click on “Done” to start the calibration setting update.</p>	 <p>The screenshot shows the VAS-PC interface with the following details:</p> <ul style="list-style-type: none">Guided Functions: Lamborghini V19.52.00 03/05/2012Function Test: Aventador LP700-4 2012 (C)Calibration: Coupe 6.5I V12 MPI / 515 KWResult: Done (highlighted with a blue arrow)Message: A calibration requiring changing was detected!Instructions: - You may have to perform a calibration on one control module. - Press the <Done> button to display the control module requiring a calibration.Bottom bar: Operating mode, Go to, ? (help), ! (warning), 25.10.2012 16:29
<p>27</p>	<p>Click on “Done” to download all the necessary data.</p>	 <p>The screenshot shows the VAS-PC interface with the following details:</p> <ul style="list-style-type: none">Guided Functions: Lamborghini V19.52.00 03/05/2012Function Test: Aventador LP700-4 2012 (C)Calibration: Coupe 6.5I V12 MPI / 515 KWResult: Done (highlighted with a blue arrow)Message: Before the control module for which a calibration is required can be displayed, the data required for calibrating are first loaded.Instructions: This procedure may take a few seconds. - Press <Done> to continue the program.Bottom bar: Operating mode, Go to, ? (help), ! (warning), 25.10.2012 16:32

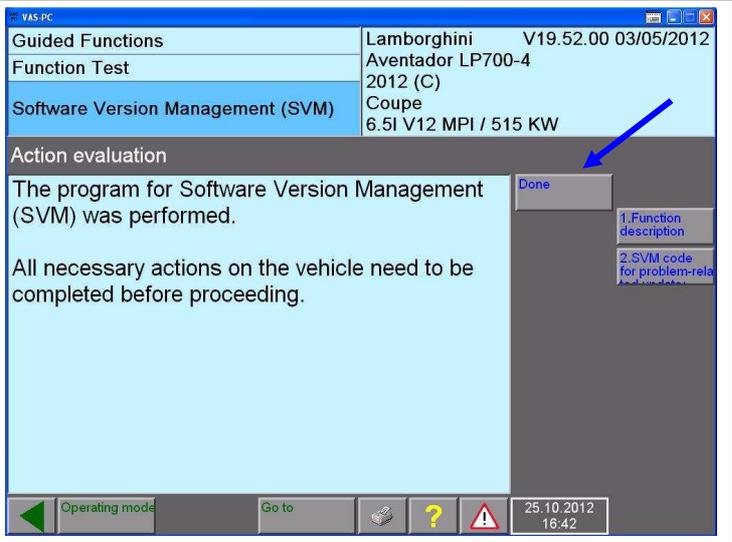
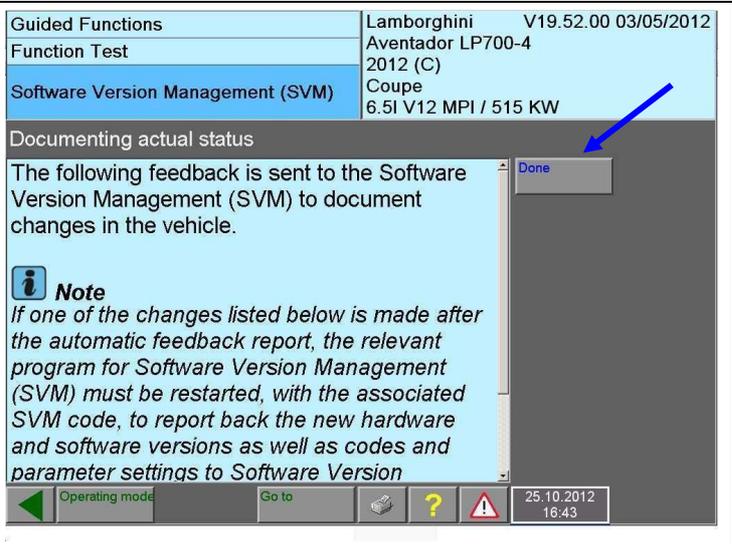
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>28</p> <p></p> <p>Press “Done” to continue with the calibration no.1.</p> <p>In the next step are written to other no.65 calibration. <u>Please always press “Done” until the calibration procedure is completed.</u></p>	 <p>Guided Functions Lamborghini V19.52.00 03/05/2012 Function Test Aventador LP700-4 Calibration 2012 (C) Coupe 6.5I V12 MPI / 515 KW</p> <p>Calibration successful</p> <p>The calibration on this control module 6B - Aero dynamic control module was successful.</p> <p>Number of calibrations: 1</p> <p>Address: 110 Value: 08</p> <p>- Press the Done button.</p> <p>Done</p> <p>1. Function description 2. SVM code for problem-rela</p> <p>Operating mode Go to ? 25.10.2012 16:32</p>
<p>29</p> <p>Click on “Done” to complete the calibration procedure.</p>	 <p>Guided Functions Lamborghini V19.52.00 03/05/2012 Function Test Aventador LP700-4 Calibration 2012 (C) Coupe 6.5I V12 MPI / 515 KW</p> <p>Calibration successful</p> <p>The calibration on this control module 6B - Aero dynamic control module was successful.</p> <p>Number of calibrations: 66</p> <p>Address: 137 Value: A0</p> <p>- Press the Done button.</p> <p>Done</p> <p>1. Function description 2. SVM code for problem-rela</p> <p>Operating mode Go to ? 25.10.2012 16:42</p>

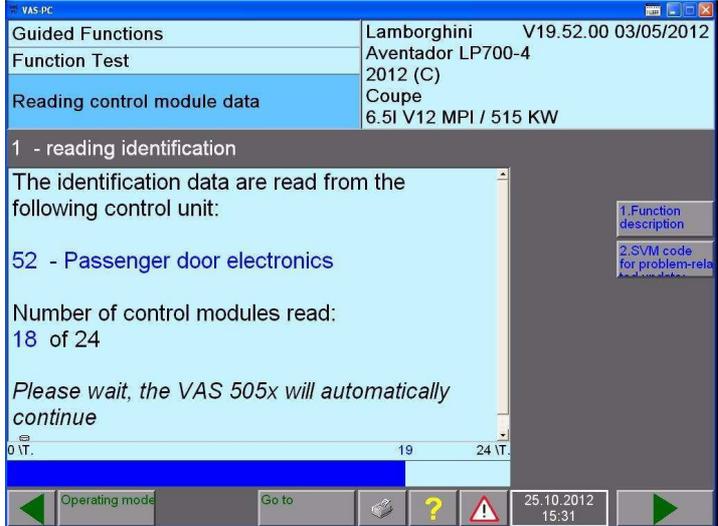
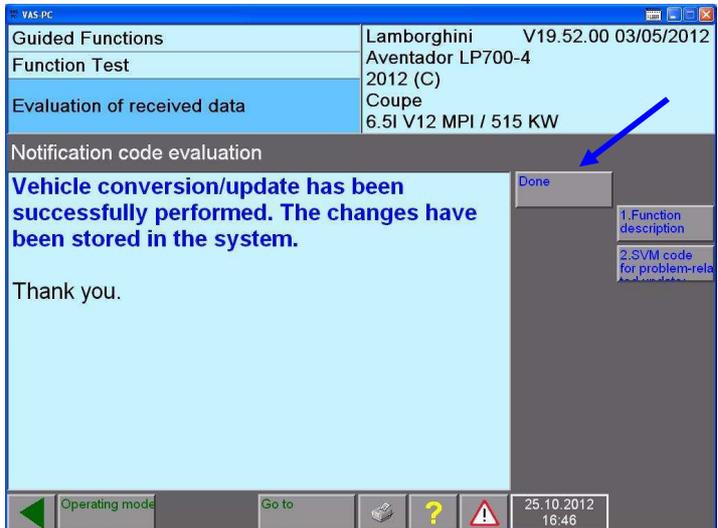
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>30 Click on “Done”.</p>	
<p>31 Press “Done” to start the data report.</p>	

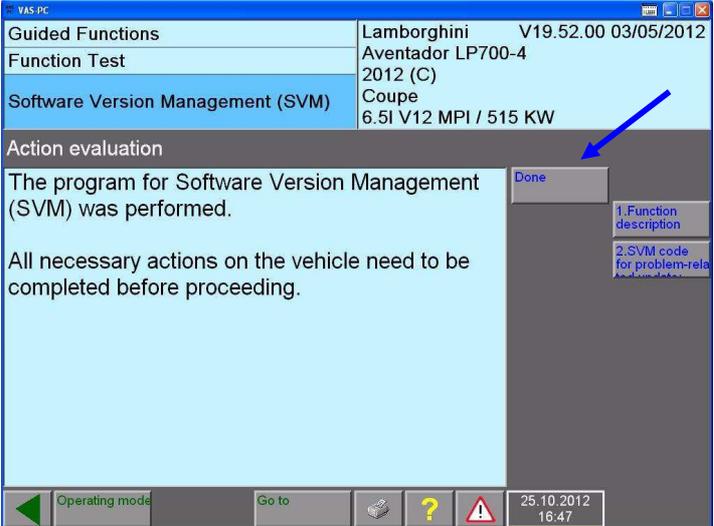
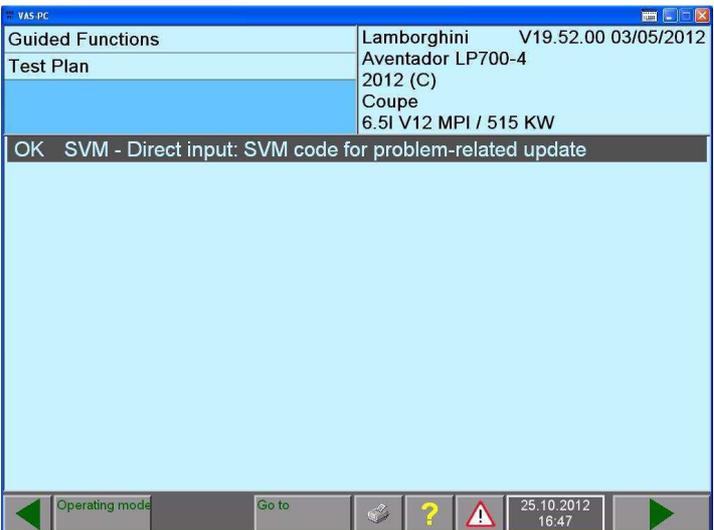
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



32	Wait until the data acquisition from all the control modules is completed.	
33	Once the data report has been sent to the servers a feedback as in the picture beside is displayed. The software update of engine and gearbox ECU has been completed successfully and all the information have been stored in the system. Press on "Done".	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>34</p>	<p>Press on “Done” to exit the program.</p>	 <p>The screenshot shows the VAS-PC interface. At the top, there is a header with 'Lamborghini V19.52.00 03/05/2012' and vehicle details: 'Aventador LP700-4 2012 (C) Coupe 6.5l V12 MPI / 515 KW'. Below this, a menu lists 'Guided Functions', 'Function Test', and 'Software Version Management (SVM)'. The main area displays 'Action evaluation' with the text: 'The program for Software Version Management (SVM) was performed. All necessary actions on the vehicle need to be completed before proceeding.' A 'Done' button is visible on the right side of the message box, with a blue arrow pointing to it. At the bottom, there is a status bar with 'Operating mode', 'Go to', and a date/time display '25.10.2012 16:47'.</p>
<p>35</p>	<p>Go back to the Software Version Management menu clicking on </p>	 <p>The screenshot shows the VAS-PC interface. The header and vehicle details are the same as in the previous screenshot. The menu now shows 'Guided Functions' and 'Test Plan'. The main area displays a message: 'OK SVM - Direct input: SVM code for problem-related update'. At the bottom, there is a status bar with 'Operating mode', 'Go to', and a date/time display '25.10.2012 16:47'. A left arrow button is highlighted in the bottom status bar.</p>

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>36</p>	<p>Select and run the program “Erase fault memory – overall systems” to clear all the faults stored because of the software update.</p>	
------------------	-----------------------------------------------------------------------------------------------------------------------------------------	--

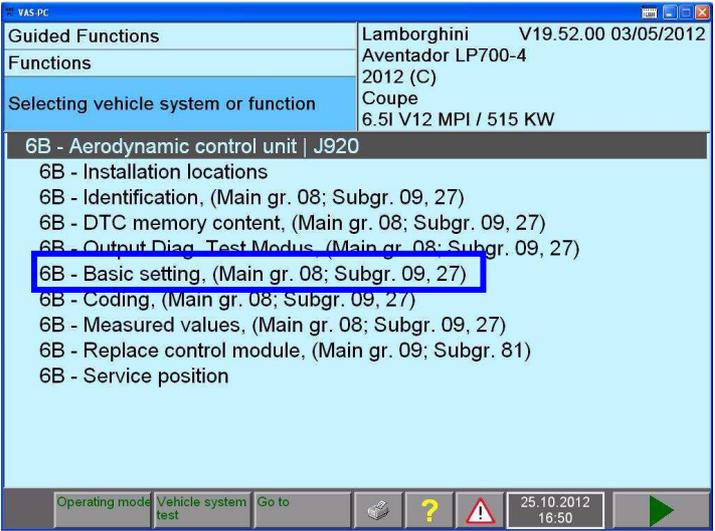
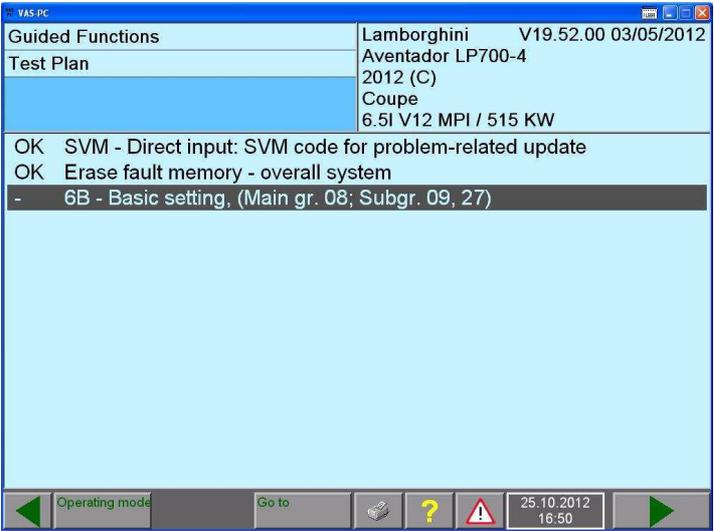
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



ECU adaptations after software programming



Please perform the following procedures to excute the correct adaptions of the aerodynamic control module (GFA) after the software programming.

<p>1</p>	<p>In order to setup the aerodynamic control module (GFA): select “6B – Aerodynamic control unit” and run the program “6B – Basic setting”.</p>	 <p>The screenshot shows the VAS-PC interface with the following content:</p> <ul style="list-style-type: none">Guided Functions: Lamborghini V19.52.00 03/05/2012Functions: Aventador LP700-4 2012 (C) Coupe 6.5l V12 MPI / 515 KWSelecting vehicle system or function6B - Aerodynamic control unit J920<ul style="list-style-type: none">6B - Installation locations6B - Identification, (Main gr. 08; Subgr. 09, 27)6B - DTC memory content, (Main gr. 08; Subgr. 09, 27)6B - Output Diag. Test Modus, (Main gr. 08; Subgr. 09, 27)6B - Basic setting, (Main gr. 08; Subgr. 09, 27)6B - Coding, (Main gr. 08; Subgr. 09, 27)6B - Measured values, (Main gr. 08; Subgr. 09, 27)6B - Replace control module, (Main gr. 09; Subgr. 81)6B - Service position <p>The bottom status bar shows: Operating mode: test, Vehicle system: test, Go to, a question mark icon, a warning icon, the date 25.10.2012, the time 16:50, and a green play button.</p>
<p>2</p>	<p>Run the program clicking on .</p>	 <p>The screenshot shows the VAS-PC interface with the following content:</p> <ul style="list-style-type: none">Guided Functions: Lamborghini V19.52.00 03/05/2012Test Plan: Aventador LP700-4 2012 (C) Coupe 6.5l V12 MPI / 515 KWOK SVM - Direct input: SVM code for problem-related updateOK Erase fault memory - overall system- 6B - Basic setting, (Main gr. 08; Subgr. 09, 27) <p>The bottom status bar shows: Operating mode, Go to, a question mark icon, a warning icon, the date 25.10.2012, the time 16:50, and a green play button.</p>

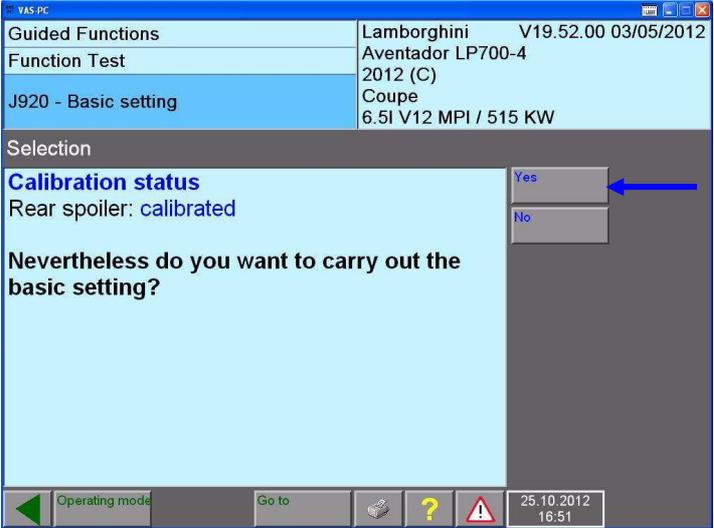
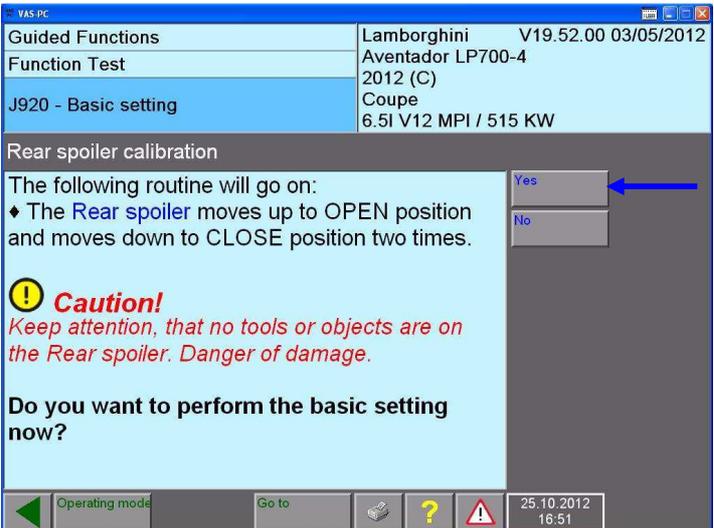
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



3	Click on “Done”.	
4	Click on “-1-“ to perform the calibration of the rear spoiler.	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



5	Click on “Yes”.	
6	<p>The routine will perform two open/close cycles on the rear spoiler.</p> <p> Before calibration, make sure that no tools and/or objects have been left on the rear spoiler.</p> <p>Click on “Yes”.</p>	

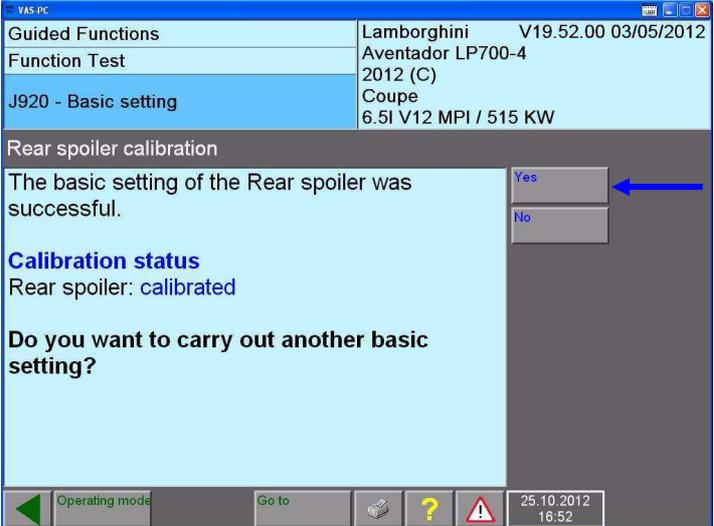
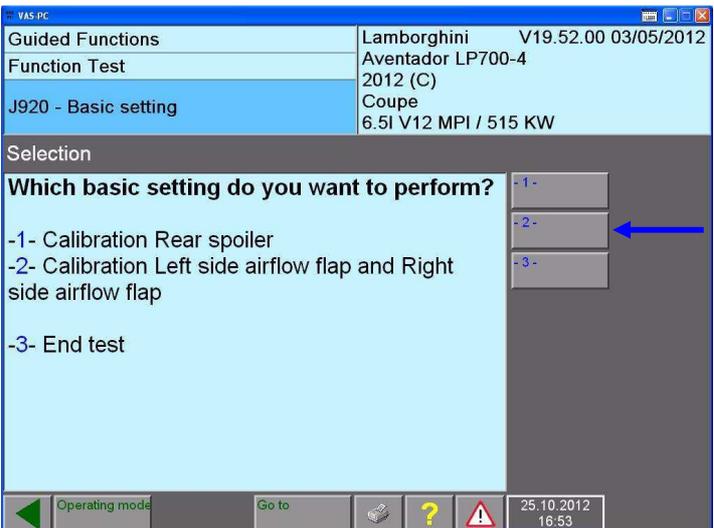
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



7	Click on “Done” to perform the calibration procedure.	
8	Wait for calibration to be completed.	

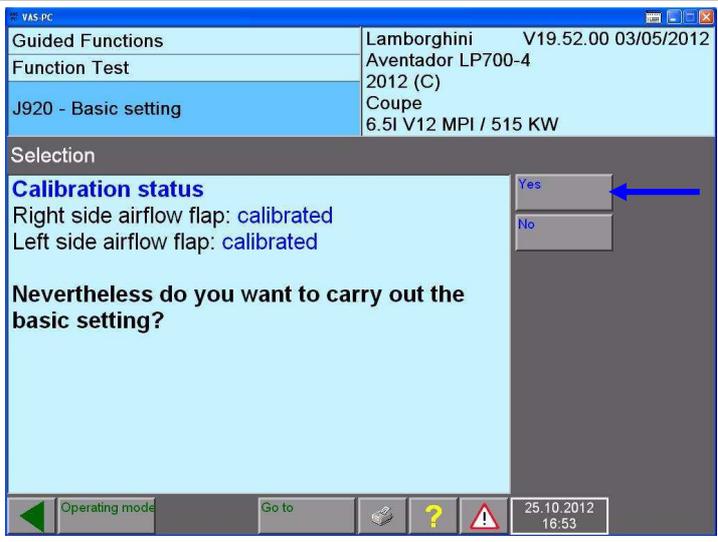
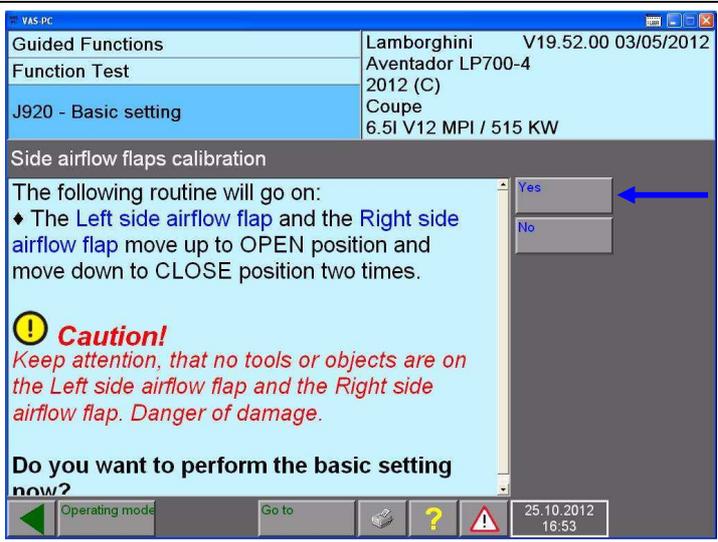
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>9</p>	<p>If calibration is successful, the screen shown on the right will be displayed.</p> <p>Click on “Yes” to perform another calibration.</p>	
<p>10</p>	<p>Click on “-2-“ to perform the calibration of the side airflow flaps.</p>	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>11 Click on “Yes”.</p>	
<p>12  Before calibration, make sure that no tools and/or objects have been left on the side mobile air intakes.</p> <p>Click on “Yes”.</p>	

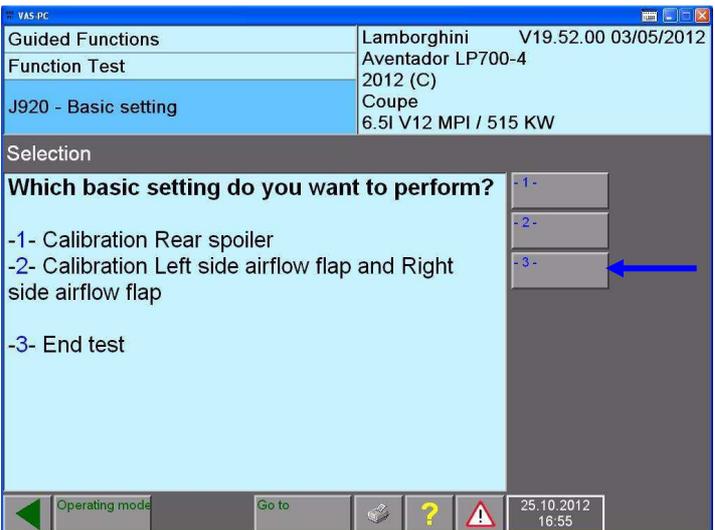
The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>13</p>	<p>Click on “Done” to perform the calibration procedure.</p>	
<p>14</p>	<p>Wait for calibration to be completed.</p>	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



<p>15</p>	<p>If calibration is successful, the screen shown on the right will be displayed.</p> <p>Click on “No” to exit the program.</p>	
<p>16</p>	<p>Click on “-3-“ to exit the Basic setting.</p>	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



Troubleshooting

<p>A.</p>	<p>If the error message regarding the VAS5054 interface is shown as in the picture beside:</p> <ul style="list-style-type: none"> - close the VAS-PC and repeat the VAS5054 installation as described in the chapter 10.92.00 	
<p>B.</p>	<p>If the connection error screen is shown as in the picture beside:</p> <ul style="list-style-type: none"> - 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. 	
<p>C.</p>	<p>If the incorrect identification message is shown as in the picture beside:</p> <ul style="list-style-type: none"> - 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 - click on Cancel and perform the application test as described in the chapter 10.92.00. 	

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.



Your Area Manager is at full disposal for further information.

Best regards

Customer Service

The information and procedures published below are strictly confidential and intended exclusively for authorized operators and individuals. All copyrights are the property of Automobili Lamborghini S.p.A based on copyright law. The company reserves the right to make updates and modifications. The reprinting, reproduction, forwarding to unauthorized people and/or to third parties and partial or entire translation thereof are prohibited without written authorization from Automobili Lamborghini S.p.A.