

Service Information

VAS Tester

Number: AVT-13-02

Subject: VAS 6160-VPC Diagnostic Tablet - Unpacking and Setup Instructions Date: Jan. 25, 2013

Please print this document and retain for future reference



Notes

- These unpacking & setup instruction apply **ONLY** to the **VAS 6160-VPC** Diagnostic Tablets included with the **VAS-VPC/TSP Testing System Package** (along with VAS 6356 Test Instrument Box, VAS 6556A Mobile Trolley & VAS 5051/51D Printer).
- The tablet's “-VPC” designation indicates it is licensed for, and **preloaded with VAS-PC Base software**.
- The following instructions contain cross-references to instructions located in related documents posted on **ServiceNet**. Use a dealership **PC or laptop connected to a printer** to access these documents as instructed.

1.0 – Safety Instructions

1.1 – Explanation of Symbols

Symbols with the following meanings are used in the safety instructions of the Operating Manuals, the startup/unpacking instructions and other documentation provided, in screen displays on the tester during operation and on the products themselves:



Warning!

*Text with this symbol contains information regarding your safety and how you can reduce the risk of serious or fatal injuries. The **Warning** symbol deserves special attention with respect to your safety.*



Caution!

*Text with this symbol contains information on how you can prevent damage to the vehicle and to the device. The **Caution** symbol informs you that failure to comply with such information can result in damage to the vehicle and/or tester, e.g.: ensure touch screen is not touched with sharp objects.*



Note

*Text with this symbol contains additional, useful information. The **Note** symbol indicates important information on the product, its use and other items.*

1.2 – Reference to Additional Safety Instructions

The following contains the general safety instructions that apply to all VAS diagnostic console, tablet and laptop devices. Additional safety instructions can be found in the applicable device Operating Manuals. It is thus important to read the device Operating Manual prior to use. Safety instructions may also appear on the screen of the tester and displayed by the diagnostic software. Heed all instructions displayed.

Service Information

1.3 – Important Safety Instructions



Warning!

1. Read all instructions.
2. If the power cable or unit is damaged, the equipment may be not used until inspected by a qualified technician.
3. Do not allow any cables or leads to drape over the edges of tables, benches or stands. Prevent hot parts or rotating fans from coming into contact with cables or leads.
4. Use of an extension cable is prohibited. When performing tests, only the specified cables and leads may be used.
5. Always unplug the equipment when it is not in use. Never unplug the power cable from the outlet by pulling on the cable. Grasp the connector to disconnect the equipment from the power outlet.
6. The tester may not be used in the vicinity of open fuel containers, as there is otherwise the risk of fire or explosion.
7. When you are working on internal combustion engines, ensure adequate ventilation. Otherwise, there is a risk of poisoning.
8. Use the equipment only in the manner described. Use only the accessories listed by the manufacturer.
9. Risk of explosion. The equipment has spark-generating components inside and for this reason must not be used in areas with flammable vapors. The equipment should be operated at a height of at least 460 mm (18 inches) above the floor, since gasoline and other possible vapors collect at floor level.
10. The equipment complies with Safety Class 1 when under power and is equipped with a safety tested power cable. Connect the equipment only to electrical service or power outlets with a grounded protective conductor (TN network).
11. Fasten the diagnostic tablet securely to the rear seat of the vehicle during test drives. A second person on the rear seat must operate the diagnostic tablet. For safety reasons, operation on the front seat and without being fastened securely is prohibited (e.g. risk of triggering the airbag).
12. Electric ignition systems have voltages of up to approx. 30 kV. General Safety guidelines for workshops are to be observed at all times.
13. Opening of the tester, including its accessories, by unauthorized personnel can result in serious risk to the individual and the equipment.
14. If the power cable, a diagnostic or measuring cable, the tester or any other accessory under power is damaged, their use is prohibited until a qualified technician has given approval to do so.
15. If you will not be using the equipment for a longer period of time, please switch it off at the on/off switch and disconnect it from the power if the rechargeable battery is charged. Switching off at the on/off switch alone does not ensure that the power supply, charging circuit or any connected accessory has been disconnected from power.
16. Data transmission lines should not be connected or disconnected during a thunderstorm nor should the equipment itself be operated.

Service Information

1.4 – Safety Instructions for Wireless Units

Warning!

1. No antenna modifications, e.g. relocation or use of other antennas or transmitters, are permitted on units approved for wireless operation.
2. Do not use a portable transmitter (e.g. wireless network (WLAN) or Bluetooth device) in the vicinity of unshielded detonator caps or in an explosive atmosphere, unless the device has been modified in a way that permits such use.
3. Information regarding Bluetooth and W-LAN approval in various countries may be found in the device Operating Manual and the VAS 5054A / VAS5055 information located in the **Administration** function of the VAS-PC diagnostic software.

Caution!

1. Line voltage fluctuations and deviations exceeding the permissible tolerance can result in malfunction and damage to the diagnostic device.
2. When operating the VAS 6160-VPC in a workshop cart, ensure that the power adapter has adequate ventilation. Remember that the charging circuit is operating even when the tester is switched off. This is also true in the power saving mode.
3. When connecting other make vehicles:
 - The VAS 6160-VPC diagnostic tablet was developed and specified for vehicles manufactured by the Volkswagen Group. Connecting the tester or remote diagnosis head interface directly to a vehicle from another manufacturer, may cause damage to the vehicle's electrical system.
 - If attempting to use the generally applicable OBD functions for self-diagnosis of other make vehicles, the OBD adapter cable VAS 5052/16 should be connected between the diagnostic head and diagnosis connection in the vehicle.
4. When handling the rechargeable battery:
 - The rechargeable battery should be replaced only by properly trained personnel.
 - Never short-circuit the rechargeable battery.
 - Never throw the rechargeable battery into a fire.
 - Dispose of/recycle the rechargeable battery only when discharged and in accordance with local regulations.

Continued ...4/

Service Information

2.0 – Important Information

2.1 – Windows XP® Operating System Recovery



Note

DO NOT use the Panasonic – Windows® system CDs included with this shipment to perform system recovery!

- *The Windows XP® operating system on VAS 6160-VPC is recovered from a partition on the hard drive. If system recovery becomes necessary, refer to **Service Information** document title: **VAS 6160/VPC Diagnostic Tablet - System Recovery Instructions** located in the **Workshop Equipment – VAS Tester** section of ServiceNet.*
- *Using the Panasonic system CDs erases the VAS 6160-VPC partitions and recovery data, and installs a standard Windows 7® operating system. This prevents reinstallation of the VAS-PC diagnostic software.*
- *Please mark the Panasonic system CDs with an appropriate note (example: **DO NOT USE!**) and set aside where they cannot be accessed by dealership service or IT personnel.*

2.2 – Shipping Damage / Incomplete Shipment

Please check the following items when unpacking/starting your VAS 6160-VPC:

1. Packaging damaged:
 - Have the damage confirmed in writing on the shipping documents by the delivery service and report it immediately.
2. Packaging in good condition, but contents damaged:
 - Report damage in writing immediately.
3. Incomplete shipment:
 - Please check the contents list as per instructions in **Section 4.0** to determine whether your shipment is complete. Please report an incomplete shipment in writing immediately.

2.3 – Temperature Equalization



Caution!

If the VAS 6160-VPC is delivered during winter months, efforts must be made to prevent the formation of condensation within the device. For this reason we recommend the device be left unattended at room temperature for approximately 3 hours prior to connecting/switching on for temperature compensation purposes.

2.4 – Safety and Startup Instructions

Please read the safety and startup instructions carefully prior to startup.

Service Information

2.5 – Purchase Documentation

Please retain your shipping documents as proof of purchase and delivery.

2.6 – Warranty Registration

Please register your new tablet for warranty coverage as soon as possible. Warrantable repairs will only be performed on registered units. To register your unit:

- Go to <http://vw.spx-registrations.com>
- Select **VAS6160** and **VASPC(Siemens)** from the drop-down menus.
- Answer the remaining prompts as applicable.

3.0 – Unpacking Instructions

The VAS 6160-VPC is delivered with the tablet unit and docking station (port replicator) packed separately in the main shipping box.

1. Unpack all parts; then remove the protective film from the tablet and the docking station (port replicator).
2. Dispose of the packaging material in accordance with local regulations.
3. Check the contents for completeness as instructed in **Section 4.0 - Contents of Carton**.
4. In case of shipping damage or an incomplete shipment, proceed as described in **Section 13.0 - Malfunctions and Support**.

4.0 – Contents of Carton

Confirm your VAS 6160-VPC shipment contains the following items (check the boxes provided):

- 1. VAS 6160-VPC
(Panasonic CF-D1AV1)
- 2. Docking Station with CD/DVD drive
- 3. A/C Power Adapter/cables
- 4. VAS 5054A Transmitter Head
- 5. VAS 5054A USB Cable (“Rugged USB 2.0”)
- 6. Stylus
- Rechargeable Battery*
- Operating Manuals for Panasonic CF-D1 series tablet and docking station*
- Service Manager cover letter and GeKo Certificate Request form*



Service Information

5.0 – Install Rechargeable Battery Pack



Caution!

When handling the rechargeable battery:

- The battery should be replaced only by properly trained personnel.
- Never short-circuit the battery.
- Never throw the battery into a fire.
- Dispose of/recycle the battery only when discharged and in accordance with local regulations.

The rechargeable battery pack **may or may not** be pre-installed. If not installed, remove battery from its packaging and install as follows:

1. On the left-hand underside of the tablet, slide the battery compartment lock to the right and downward as illustrated -arrows-, then open the battery compartment cover:



2. Slide the rechargeable battery pack into the compartment until it connects firmly with the contacts.



3. Close battery compartment cover and re-secure the lock.



Caution!

Ensure battery compartment cover is locked at all times. Otherwise, the battery pack may fall out during use or transport.

Continued ...7/

Service Information



Note

For optimum battery performance and service life, please heed the battery charging and recalibration instruction documents included with the Panasonic program suite. After 6160V set up, locate the documents as follows:

2. From the Windows desktop, go to **Start > All Programs > Panasonic > Battery**
3. Select **Battery Recalibration or Important Tips**

6.0 – Connecting to Power

The tablet is connected to power either via the docking station (port replicator) connection to the A/C power adapter, directly via the A/C power adapter or run from the internal rechargeable battery pack.



Caution!

- The A/C power adapter includes a country-specific power cable (UL-approved or CSA-approved, oil-resistant power cord).
- Operation on ungrounded or impedance-grounded electrical networks (IT electrical networks) is prohibited.
- Use only the original Panasonic CF-D1 power adapter. For additional information (part number etc.), refer to the CF-D1 Operating Manual.

7.0 – Initial Start and Setup

7.1 - Preparation

The initial startup must be performed with the **tablet removed from the docking station (port replicator)** and the **wireless switch** in the **OFF** position.

Additional information can be found in the Panasonic CF-D1 series Operating Manual.

1. On the upper left-hand side of the tablet, open the access cover marked “SC / EX”. If necessary, slide the wireless operation switch to the **OFF** position -arrow-:



Service Information

- On the lower right-hand side of the tablet, open the cover for the **DC IN 15.6V** (adapter) port. Connect the A/C power adapter cable to the DC adapter port -arrow- and a 115V A/C outlet:



7.2 – Interface Connections

For additional information on interface connections, refer to the Panasonic CF-D1 series and docking station (port replicator) Operating Manuals.

7.3 – Switching the Unit On and Off

Switch on the tablet by pressing the on/off button on the front of the tablet for approximately 1 second. The tablet boots up and the Windows user interface appears.



Caution!

- When switching the tablet off after normal use, **DO NOT press and hold the on/off button for longer than 5 seconds!** This executes a forced shutdown which may result in hard drive faults.
- To switch off the tablet after normal use, always click **“Start”** from the Windows desktop and then select **“Turn Off Computer...”** and then **“Turn Off”**.

7.4 – Windows XP - Initial Setup

When the tablet starts for the first time, the initial Windows XP setup screens are displayed. All user settings performed here can also be changed at any time through Windows **Control Panel**.

After the Windows XP Welcome and setup screen is displayed...

- Review the **Regional and Language** options to ensure all settings are indicated as **English (United States / EN)** etc. Change and save if necessary. Click **Next**.
- Set the **Date, Time, Time Zone** and **Daylight Savings** settings as applicable to your location and click **Next**. The system saves various settings and then automatically reboots to the Windows desktop.

Service Information

8.0 – Network Configuration & Netviewer

8.1 – Preparation

1. Temporarily connect a **USB mouse and keyboard** to tablet (to aid with selections and input).
2. Connect network (Ethernet) cable to tablet.

8.2 – Set Computer Name



Notes

- *Should more than one VAS diagnostic device be connected to the dealership LAN, each device **must use a different computer name**. The VAS-PC application refers to device computer name identification as the **VAS Station Name**.*
- *While various computer naming methods may be used, each must ensure that the computer names for all individual devices on a network are different.*
- *The computer name must be determined (“built”) and set **prior to** use of diagnostic application functions requiring the use of a dealership LAN connection to the Internet.*

We recommend the computer name be set **before** proceeding with the remaining setup.

For a **suggested** method to build, set and validate computer names, refer to **Service Information** document title: **VAS Diagnostic Device Computer Name Builder** in the **Workshop Equipment – VAS Tester** section of ServiceNet.

8.3 – Configure Static IP Addresses

This section applies **ONLY** to VAS 6160-VPC used in dealership networks using **static IP addresses** (the tablet is set to DHCP by default). If your dealership network **is configured using DHCP**, proceed to **Section 8.3 – Download and Install Netviewer Software**.

We recommend that you ask your dealership systems administrator or IT professional for assistance with this step if you are unfamiliar with the process, or **call the IT Service Desk** at: **866-892-3375**.

3. Open the Windows Start menu by clicking **Start**, and then select **Settings**, then **Control Panel**.
4. Scroll down (if necessary) and select **Network Connections**.
5. From the Network Connections dialog, right click (select) **Local Area Connection** and open its **Properties** dialog box.
6. Click on **Internet Protocol (TCP/IP)**.
7. In the **General** tab, check “**Use the following IP addresses**” to open the IP data window.
8. Fill in all IP and DNS address fields as appropriate to your dealership. Ask your dealership systems administrator or IT professional for assistance with this step if you do not know the necessary entries.
9. Select **OK** and close all dialog boxes, and **Restart** the tablet (**Start > Shut down > Restart**).
10. Connect a dealership network Ethernet cable to the tablet and confirm internet connectivity, i.e.: launch Internet Explorer.

Service Information

8.4 – Download and Install Netviewer Software



Note

Netviewer telediagnosis software enables VWGoA support personnel to access your device remotely during support call consultation. When necessary, consultants will instruct you to start the Netviewer application, and they will provide a session number to start a remote diagnosis session.

An active internet connection must be available before continuing, i.e.: static IP configuration performed as instructed in **Section 8.2** or DHCP connection confirmed.

1. **Shut down** VAS-PC if running.
2. From the Windows desktop, launch **Internet Explorer**.
3. Logon to **ServiceNet**.
4. From the **Workshop Equipment** section, select **VAS Tester > Software**.
5. **Right click** the link to the **Netviewer one2one – Telediagnosis Software**.
6. Select **Save Target As...** from the menu and save file to the Windows desktop.
7. When the save is complete select “**Close**” from the dialog box and close all remaining windows.

9.0 – VAS 5054A Transmitter Head - Overview

9.1 – VAS 5054A Bluetooth (wireless) Operation

The VAS 6160-VPC is equipped with a Bluetooth interface for operation of the supplied VAS 5054A Transmitter Head.

Bluetooth (wireless) operation is possible only with the tablet wireless operation switch in the **ON** position. Visible confirmation of wireless operation is via the wireless operation indicator (green LED) on the front panel below the touch screen -arrow-:



The VAS 5054A Transmitter Head is powered by the vehicle Data Link Connector (DLC) when connected, and communicates with the tablet and the diagnostic software via Bluetooth (wireless) or the via the supplied USB cable.

The VAS 5054A Bluetooth configuration must be confirmed prior to placing the tablet into service. This takes place in **Section 12.0**.

Continued ...11/

Service Information

9.2 – VAS 5054A USB (cabled) Operation

If the tablet is used to perform **Software Version Management (SVM)** flash procedures or **ant-theft immobilizer adaptations**, a USB (cabled) connection must be used between the VAS 5054A transmitter head and the tablet. This ensures an uninterrupted data stream.

Prior to first use with a USB cable, the tablet and transmitter head must be configured for USB (cabled) operation. For instructions refer to **Service Information** document title: **VAS 5054A Transmitter Head - USB Configuration & Function** in the **Workshop Equipment – VAS Tester** section of ServiceNet.



Notes

- For USB (cabled) connection of VAS 6160-VPC to VAS 5054A, the supplied USB cable is of the **Rugged USB 2.0** type. A circular, secure (locked) connection is used.
- On the lower right-hand side of the tablet, open the cover for the Rugged USB 2.0 port and connect by lining up the two dots and inserting the connection straight into the port **-arrow 1-**:
- To disconnect, release the connector lock **-A-** by sliding the locking collar away from the tablet **-arrow 2-**:



9.3 – VAS 5055 Diagnosis Interface (optional)

The optional VAS 5055 diagnosis interface connects between the vehicle and the VAS 6160-VPC via an integrated USB cable. The VAS 5055 attaches to the vehicle DLC and receives power from it.

9.4 – Additional Information

Before proceeding to use the VAS 6160-VPC, please read the "**Panasonic CF-D1 Series Operating Manual**", containing additional important information regarding the unit, its accessories and its care.

Service Information

10.0 – Confirm, Install & Configure Diagnostic Software

10.1 – VAS-PC - General Information

Current and future **VAS-PC Base** and **Brand** software for existing VAS diagnostic console, tablet and laptop devices also apply to VAS 6160-VPC diagnostic tablets.

The **VAS-PC Base** software version that was current at the time of supplier preparation is preinstalled. However, updated Base software versions may have been issued in the meantime. As a result, the current Base software version must first be determined and if necessary, installed prior to using the tablet for vehicle diagnostics covered under warranty.

In all cases, the installed VAS-PC Base software must be configured and the current **Audi Brand** software version determined and installed prior to placing the tablet into service.

10.2 – Confirm Latest VAS-PC Software Versions

1. Using a **dealership PC or laptop connected to a printer**, logon to **ServiceNet**.
2. From the **Workshop Equipment** section, select **VAS Tester > Software**.
3. Refer to document title: **Current VAS-PC Software Versions**.
4. Record the current **VAS-PC Base CD Version & Ordering Number:** _____
5. Record the current **Audi Brand DVD Version & Ordering Number:** _____
6. Retrieve the current Audi Brand DVD version from your VAS software disc storage. Note that this disc was used to update your existing VAS diagnostic devices in service with the latest version!
7. Disconnect the power adapter DC plug from the tablet and connect to the DC port on the base station (port replicator).
8. Mount the VAS 6160-VPC to the base station (port replicator).
9. From the 6160-VPC Windows desktop, click the **VAS-PC** icon.
10. If a **Note** appears that the Transmitter Head is not configured properly, click **OK**, The transmitter head is configured in **Section 12.0**.
11. If a **Note** appears with a **software version expiry** message: **“Please install current base-CD”** skip to **Step 13**.
12. If the software version expiry **Note** above **does not** appear: Note the version number of the pre-installed Base software from the **VAS-PC Main / Start screen title header**. Example: **Version - USA/CDN- / V19.01.XX**:
 - If the pre-installed **VAS-PC Base** version is **earlier** than recorded in Step 4, install the current version starting from **Step 13** below.
 - If the pre-installed **VAS-PC Base** version is **the same** as recorded in Step 4, skip to **Section 10.3 on Page 13**.
13. Retrieve the current version **VAS-PC Base CD** from your VAS software disc storage. Note that this disc was used to update your existing VAS diagnostic devices in service with the latest version!
14. From **ServiceNet**, go to the **Workshop Equipment > VAS Tester > Service Information** section. Locate and print the **Service Information** document covering installation of the current VAS-PC Base version. Example: **VAS-PC Base V19.01.XX Installation Instructions**.

Service Information

15. Go to the Base installation document section “**3.0 - Perform Base Software Installation**”.
16. Follow the instructions (in order) in subsections “**3.1 - Uninstall Previous Base Software**” and “**3.2 - Install Base Software V19.01.XX**”.
17. When the current Base software version installation is complete, proceed to **Section 10.3 - Configure VAS-PC Base Software below**.

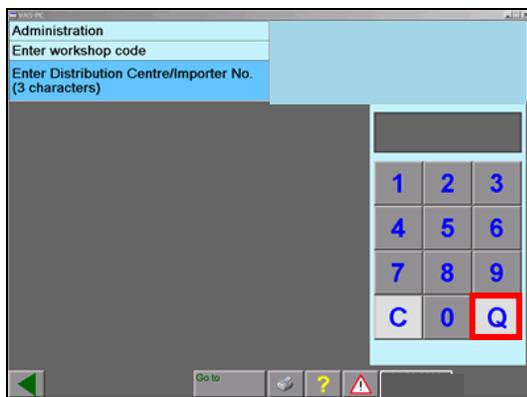
10.3 – Configure VAS-PC Base Software



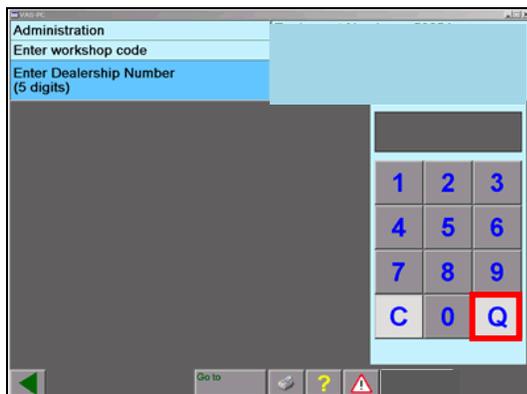
Note

- *The Importer number and the Dealership number entry can only be performed once. Ensure they are entered correctly as instructed with the next steps.*

1. From the VAS-PC Main / Start screen, select **Administration** and then **Enter workshop code**.
2. Enter the Importer number using the virtual keypad: For the US market, the Importer Number is **444**. For the CDN market, the Importer Number is **999**. Press **Q**.



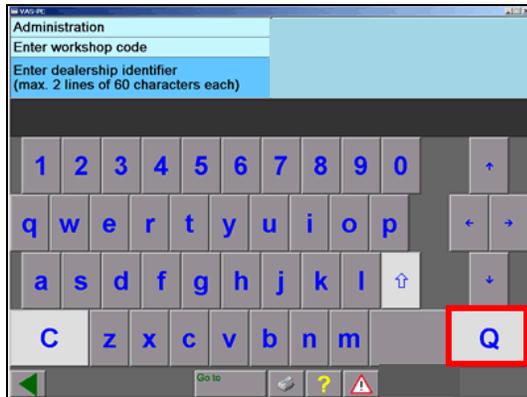
3. Enter the **last five digits** of your Dealership number, and then press **Q**. Use substitution of alpha characters as follows: A=1, B=2, C=3, D=4, E=5, F=6, G=7, J=8, S=9 & W=0.



4. After confirming the input, select **OK** to proceed. Selecting **Cancel** will allow re-entry of the Importer number and Dealership number.

Service Information

- Enter the Dealership Identifier (typically, the Dealership name). Press **Q** twice to complete this step. The dealership identifier entry can be changed at any time from the **Administration** menu.



- Press the green “return” arrow (◀) from the screen footer to return to the **Administration** menu.

10.4 – Install Current Audi Brand DVD



Notes

- Only Brand DVDs in the same language and compatible with the Base CD version can be loaded.
- Installing a Brand DVD overwrites existing Brand data and erases any stored jobs.
- To use Guided Fault Finding and Guided Functions, a Brand DVD must be installed.
- The installation takes up to one hour per Brand DVD, depending on device type/condition.

- Obtain the latest Audi Brand DVD as determined and recorded in **Section 10.2, Step 5**.
- From the Windows desktop, start the VAS-PC application.
- Insert the Brand DVD into the CD/DVD drive on the base station (port replicator).
- From the VAS-PC Main / Start screen, select **Administration**.
- Select **Install update / Install Update CD**.
An update confirmation is displayed. Select **OK** to continue.
- Wait while the contents of the Brand DVD are installed.
When finished, the software closes the Administration screen and displays the Main / Start screen. A brand symbol in the upper right of the screen shows which Brand DVDs are installed.
- Remove the Brand CD from the CD/DVD drive and **Close** the VAS-PC application.
- Return the VAS-PC Base and Brand discs to your disc storage.

Service Information

10.5 – Offboard Diagnostic Information System Service (ODIS Service)

VAS 6160-VPC diagnostic tablets are eligible and recommended for the initial installation of ODIS Service diagnostic software and subsequent update installations.

To install ODIS Service, prepare the tablet, request the license, install and configure the software etc. in order, **exactly as specified** in the following **Service Information** document titles:

- **ODIS Service Installation Phase 1 - Preparation and License Request Instructions (eShop)**
- **ODIS Service Installation Phase 2 - Software Installation & Configuration Instructions**
- **ODIS Service Installation Phase 3 - Security Certificate Request & Installation Instructions**

All ODIS Service installation documents are located in the **Workshop Equipment – ODIS Service > ODIS Service > Service Information** section in **ServiceNet**.

When installing ODIS Service, always use the latest installation and update DVD versions!

11.0 – Import GeKo Certificate for VAS-PC Operation

As indicated on the **“STOP! - Attention Service Manager”** shipment cover letter, the supplied GeKo Certificate Maintenance request form must first be completed and submitted to VWGoA Network Security.

The GeKo security certificate must be imported prior to using VAS-PC for immobilizer adaptation, SVM etc.



Notes

- *Prior to filling in the GeKo Certificate Maintenance request form, start the VAS-PC application and select the **Administration** function. Note the **Equipment Number** displayed in the upper right information header, and enter this number into the appropriate field in the certificate request form.*
- *Proceed with the instructions in this section **only after receiving confirmation that the certificate is staged and ready to import.***
- *Use your existing **VAS Commander CD V03.00.00**. Remember that this CD would have been used to import the GeKo Certificates to your existing VAS diagnostic devices currently in service!*
- *If you require assistance with this information in this section, contact your dealership system administrator or the IT Service Desk at: **866-892-3375***

Prerequisites:

- Device mounted in base station (port replicator).
- Active internet connection available and Ethernet (network) cable connected.
- VAS Commander CD **V03.00.00** on hand

Procedure:

1. Insert Commander CD V03.00.00 into the CD-DVD drive in the base station (port replicator). The CD should start automatically (could take up to three minutes to start).

Service Information

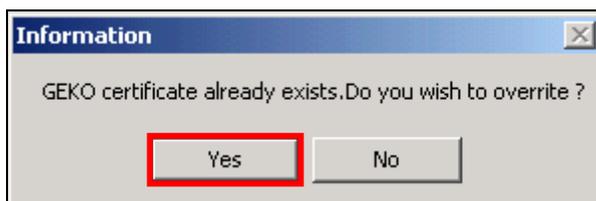
- If the application does not start within three minutes, double click the **My Computer** icon on the Windows desktop, then double click **ANW_VK35 (E:)**.
- When the VAS Commander application starts, select **Certificate**.



- Use the keyboard to enter your **entire Dealership number**, and then select **ImportCert**.



- If the application detects that a certificate has already been imported, a message is displayed. Select **Yes** to overwrite the certificate.

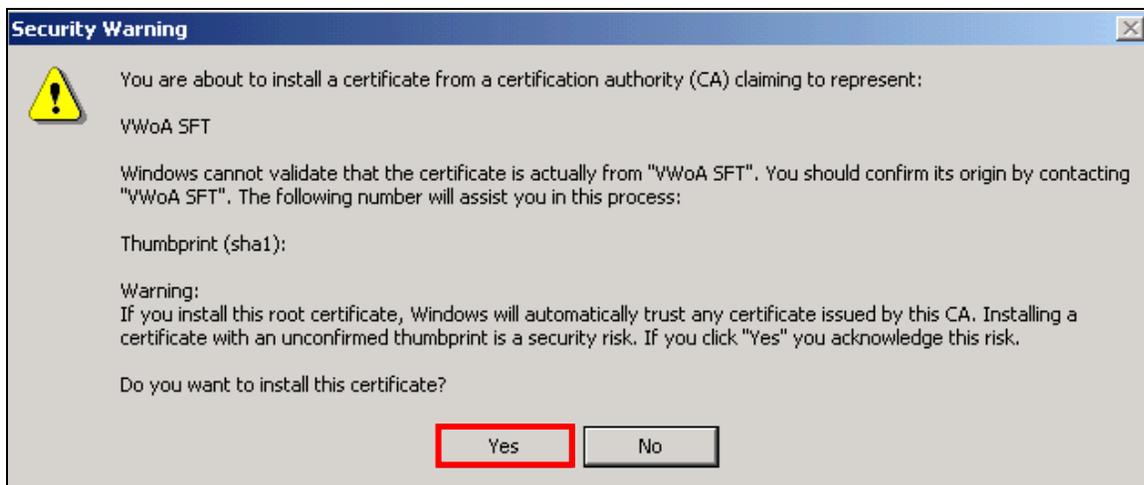


Service Information

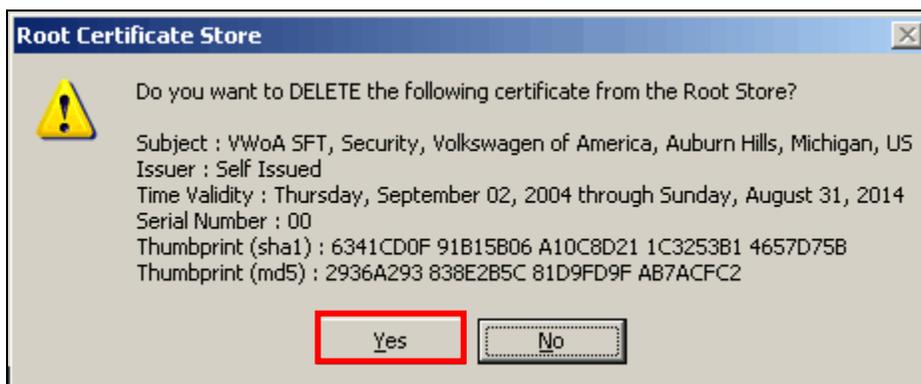
6. When the first private exchange key import screen is displayed, select **OK**.



7. Select **Yes** to confirm the installation of the first certificate.

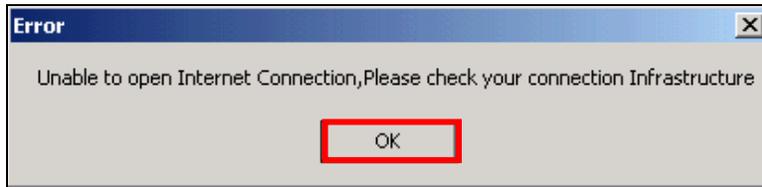


8. If the application detects that a certificate already exist on the tester, a message is displayed. Select **Yes** to overwrite the existing certificate.



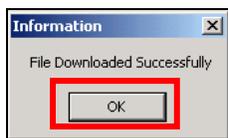
Service Information

9. The tester will attempt to download the certificate. If an active internet connection is not available, or if a certificate is not available, an error message is displayed.



If you require assistance with this step, contact your dealership system administrator or the IT Service Desk at: **866-892-3375**.

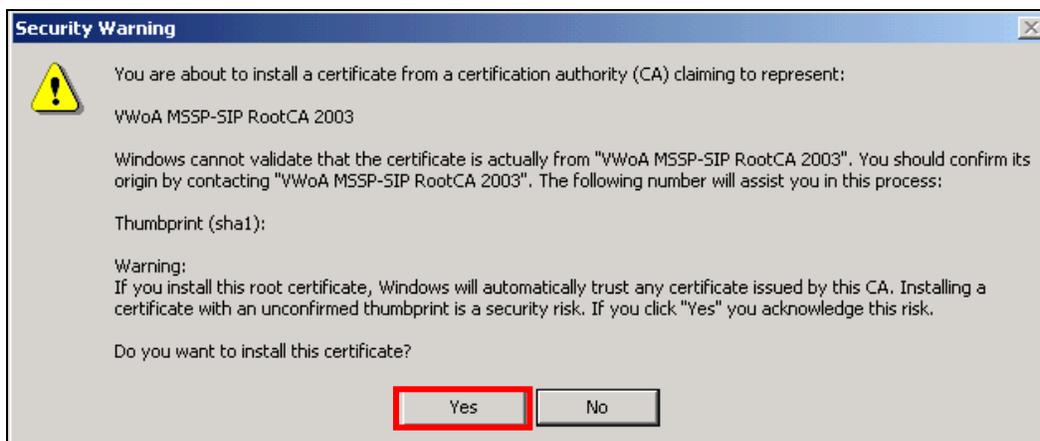
10. A confirmation message is displayed after the certificate is downloaded. Select **OK** to continue.



11. When the second private exchange key import screen is displayed, select **OK**.

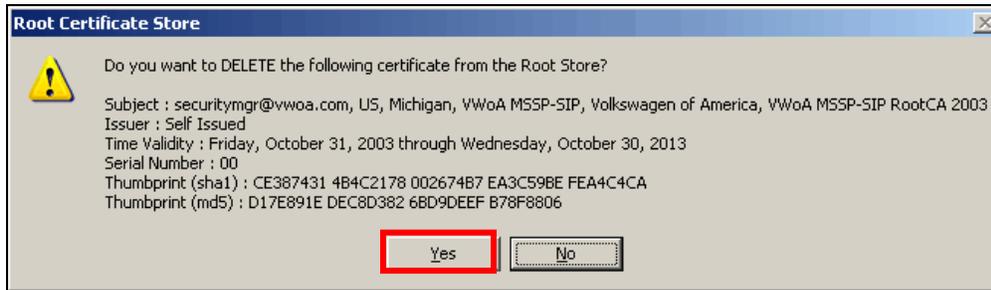


12. Select **Yes** to confirm the installation of the second certificate.



Service Information

13. If the application detects that a certificate already exist on the tester, a message is displayed. Select **Yes** to overwrite the existing certificate.



14. The VAS certificate will be installed onto the device. When the installation is complete, select **OK** to close the dialog.



15. Select **Exit** to close the VAS Commander application.
 16. **Remove the VAS Commander CD** from the CD/DVD drive.
 17. **Restart** the tablet (**Start > Turn Off-Computer > Restart**).

12.0 – Confirm and Enable Bluetooth for VAS 5054A Transmitter Head



Notes

- *As of the publication date of this document, the supplied VAS 5054A Transmitter Head **may or may not** be pre-configured to the VAS 6160-VPC Windows Bluetooth and EDIC applications prior to shipment.*
- *If the supplied VAS 5054A **IS NOT** pre-configured for Bluetooth operation, it must first be manually configured.*
- *If the supplied VAS 5054A **IS** pre-configured for Bluetooth operation, it needs only to be enabled, a power management setting confirmed and its operation confirmed.*
- *We recommend the supplied 5054A remain permanently paired to the tablet at all times, and that it **not** be temporarily paired to another VAS diagnostic tester console, tablet or laptop device.*

12.1 – Preparation

1. Locate and unpack the **VAS 5054A Transmitter Head** supplied with the shipment.
2. **Record** the complete **VAS 5054A Serial Number (S#) from its label:** _____
3. Ensure that the **VAS-PC** application is **not** running.

Service Information

- Slide the wireless operation switch on the tablet to the **ON** position **-arrow-**:



- Connect a battery maintainer/charger to a vehicle as per the manufacturer's directions.
- Connect the VAS 5054A to the vehicle Data Link Connector (DLC) and switch the ignition on. The blue LED on the transmitter head must flash.

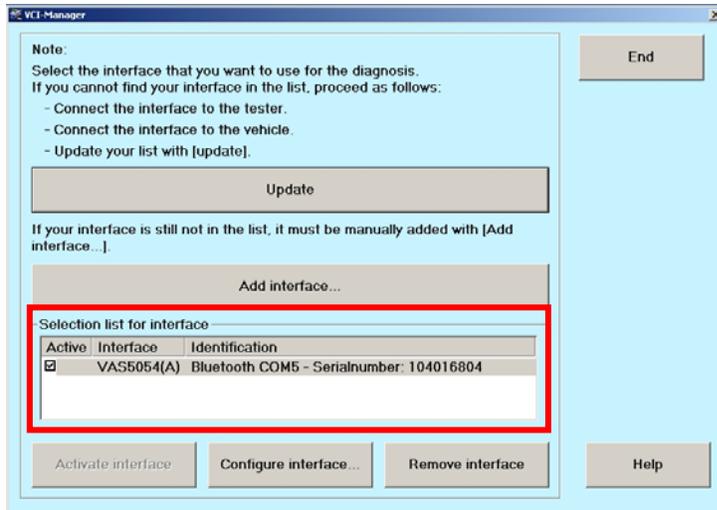
12.2 – Confirm Bluetooth Configuration

- From the VAS 6160-VPC Windows desktop go to **Start > Settings > Control Panel**.
- Select **Bluetooth Devices**.
- In the **Devices** tab, **check** if the supplied VAS 5054A and its serial number are listed.
 - If the supplied VAS 5054A and serial number (S#) **IS NOT listed** in the **Devices** window, it is not preconfigured. The **Bluetooth & VCI Manager configurations** must be performed manually: Follow the manual configuration instructions in **Service Information** document title: **VAS 5054A Transmitter Head – Bluetooth & EDIC Configuration** located in the **Workshop Equipment - VAS Tester** section in **ServiceNet**.
 - If the supplied VAS 5054A and serial number (S#) **IS listed** in the **Devices** window, it is preconfigured. **Proceed with Steps 4 through 15 below:**
- Select the **Hardware** tab.
- From the **Hardware** tab display, select / highlight the device name **ALPS Integrated Bluetooth Device** and click on **Properties**.
- Select the **Power Management** tab.
- Ensure that **Allow the computer to turn off this device to save power** is **deselected**, and click **OK**.
- Close the **Control Panel** window.
- From the 6160-VPC Windows desktop, start the **VCI-Manager** application.

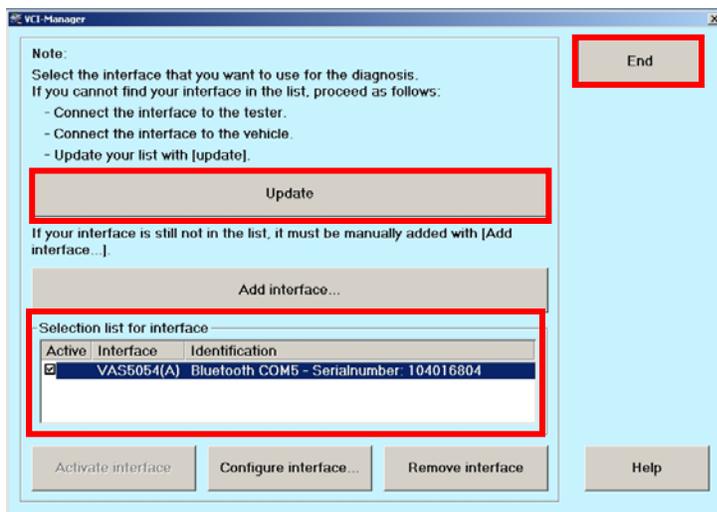
Continued ...21/

Service Information

10. Verify that the pre-configured 5054A and its serial number recorded in **Step 2** is listed in the **Selection list for interface** window. Also ensure that the VAS 5054A appears **listed with a checkmark (☑)** as being **Active**. If a checkmark **does not appear**, check the VAS 5054A entry manually before enabling:



11. Select / highlight the VAS 5054A in the selection list. Then click **Update** to enable the transmitter head. Click **End** to close the VCI-Manager interface.



12. From the Windows desktop, start the VAS-PC application.
 13. Launch **Vehicle Self Diagnosis** or other VAS-PC function and ensure device-to-vehicle communication, for example: Check DTC Memory.
 14. Close the VAS-PC and return to the Windows desktop.
 15. Restart the tablet (**Start > Shut down > Restart**).

Service Information

13.0 – Malfunctions and Support

All VAS 6160-VPC are tested before leaving the factory. Selected components and numerous quality control inspections ensure high reliability of your new diagnostic tablet.

Should any of the components of your shipment be damaged or missing, contact **Audi Diagnostic Tester Software Support (DTSS)** at the toll-free number listed below.

Should performance or functional issues occur after placing the device into service, please attempt to identify and localize as accurately as possible. Try to determine if the symptom is a result of the Panasonic CF-D1 tablet **hardware**, Windows XP **operating system**, VAS-PC /ODIS Service **software** or dealership **network** (for internet connectivity). Then proceed as follows:

- Review the latest **VAS Tester FAQs** and **Service Information** document topics in the **Workshop Equipment – VAS Tester** section of **ServiceNet**. The issue may be previously known and a resolution already published.
- Should your issue appear to be related to the Windows operating system or tablet hardware, please consult the information in the "Troubleshooting" chapter in the Panasonic CF-D1 series Operating Manual.

If it is not possible to resolve the issue with the aid of ServiceNet documents or the Panasonic CF-D1 series Operating Manual, contact:

Audi DTSS: 1-888-896-1298.