

Workshop Equipment

Number: ATE-13-06

Subject: VAS 6356 Test Instruments Box – Software Installation Options

Date: March 13, 2012

1.0 – Introduction

Two software installation options are available for initial setup of new VAS 6356 Test Instruments Box.

These options depend on the existing or planned diagnostic software installations on the connected VAS diagnostic laptop and tablet devices.

Please review the software installation options and **Notes** below, and proceed according to how the diagnostic devices currently are, or will be deployed.

Option 1 - ODIS Service & VAS-PC

Summary: VAS 6356 software was pre-installed along with ODIS Service. **Do not** use the VAS 6356 software installation CD on devices with existing ODIS Service installations – Ref. Section 2.0 (Page 2)

Option 2 - VAS-PC Only

Summary: Use the VAS 6356 software installation CD – Ref. Section 3.0 (Page 7)

Notes:

- *These instructions are intended for **qualified personnel only!** Please read and understand all information in its entirety before performing any instruction steps!*
- *Full test instrument functionality (volt, ohm, current, diode test and DSO) in manual and automatic GFF integration modes are **only possible in ODIS Service.***
- *In Options 1 and 2, automatic GFF measurement value integration with VAS-PC GFF test plans is **limited to multimeter functions only. The DSO function is not available in VAS-PC.***
- *If a VAS 6356 is set up for use on a **VAS-PC only** device, and the device is upgraded with ODIS Service in future, the VAS 6356 software/drivers and ODIS AMT software must be uninstalled prior to installing ODIS Service. For details, refer to **Service Information – ODIS Service** document title: **VAS 6356 and ODIS Service – Software Compatibility***
- *If you require assistance with specific steps, contact Audi DTSS – 1-888-896-1298.*

Continued ...2/

Service Information

2.0 – ODIS Service & VAS-PC

2.1 – General Information

The latest installation version of ODIS Service (V1.1.2) **includes** installation of VAS 6356 software files. As a result, **DO NOT** use the software installation CD included with the VAS 6356 shipment on devices where ODIS Service is already installed. This avoids a potential software compatibility issue.

All that is required on devices where ODIS Service is already installed is to extract the pre-installed VAS 6356 USB driver and network adapter files, perform a brief configuration and test the system connection as per the following instructions.

On devices where ODIS Service is not yet installed, we recommend the latest installation version be installed **before** proceeding with these instructions.

Notes:

- Communication between the VAS 6356 and laptop/tablet takes place via a network connection.
- The following procedures enable integrated GFF multimeter (only) functions on VAS-PC.
- The following procedures must be performed on **each** laptop/tablet (with ODIS Service) where the VAS 6356 will be connected.

2.2 – Extract USB Driver and Network Adapter Files

Prerequisites:

Laptop/tablet

- Plugged in to power adapter (tablet in base station), booted to Windows® desktop.
- ODIS Service V1.1.2 (or higher) installed.

VAS 6356

Physical set up completed as per initial unpacking and setup instructions, i.e.:

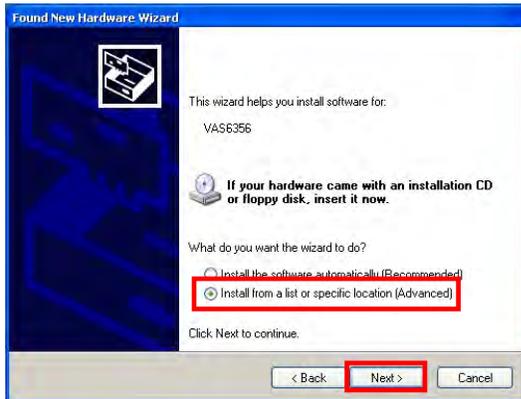
- plugged in to power adapter, blue LEDs on steady
- all test and measurement leads connected
- USB cable connected.

1. Connect VAS 6356 USB cable to any available USB port on the laptop/tablet. A **Found New Hardware Wizard** window will appear.
2. Select **No, not this time**, then click **Next**:



Service Information

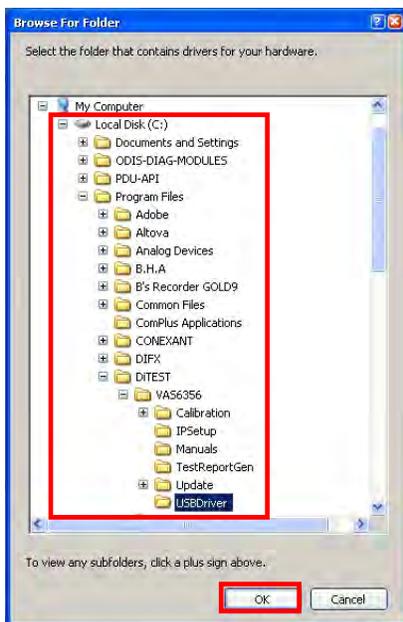
3. Select **Install from a list or specific location (Advanced)**, then click **Next**:



4. Deselect **Search removable media...**, select **Include this location in the search**, then click **Browse**:

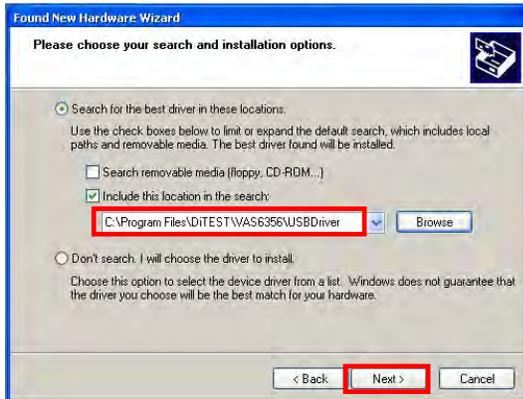


5. Expand (+) directory path **C: \ Program Files \ DiTEST \ VAS6356** and highlight the **USBDriver** folder (as illustrated), then click **OK**:

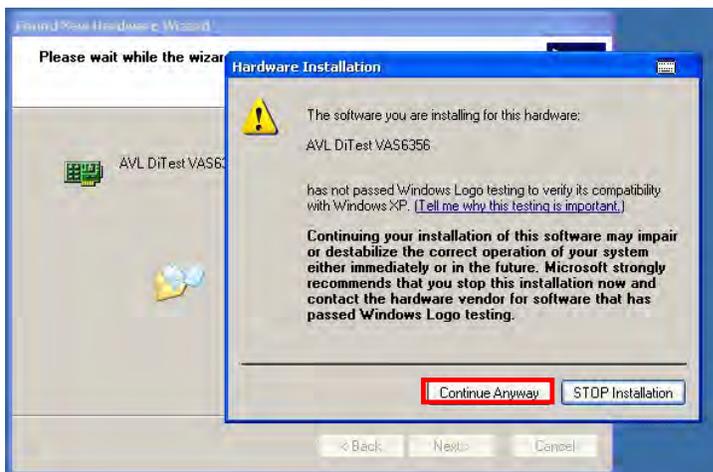


Service Information

6. Confirm the path specified in Step 5 appears, then click **Next**:



7. Select **Continue Anyway**, to retrieve the files:



8. Click **Finish**:



Continued ...5/

Service Information

9. From the Windows desktop > **Start > (Settings) > Control Panel > System.**
10. Select the **Hardware** tab, then click on **Device Manager**:



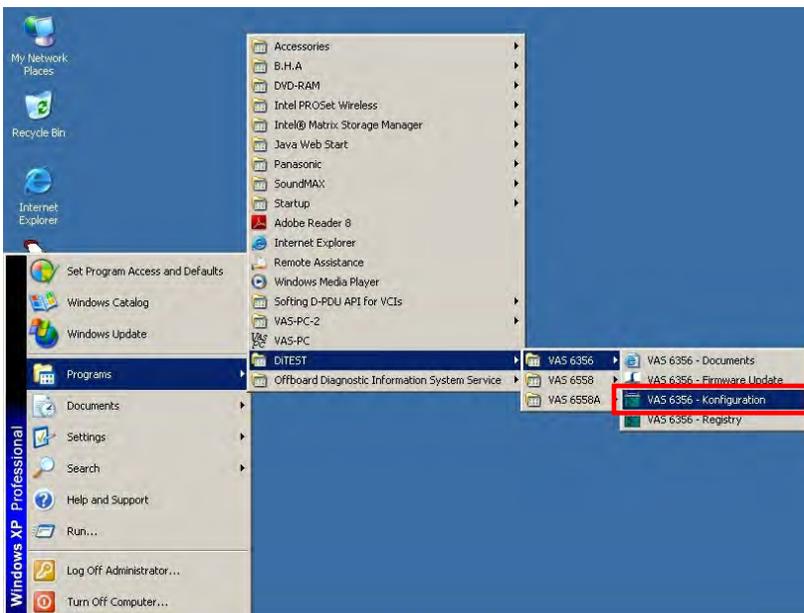
11. Expand (+) the **Network adapters** directory and confirm **AVL DiTEST VAS 6356** is listed:



12. Close the **Control Panel** window.

2.3 – Configure Network Connection and Test System

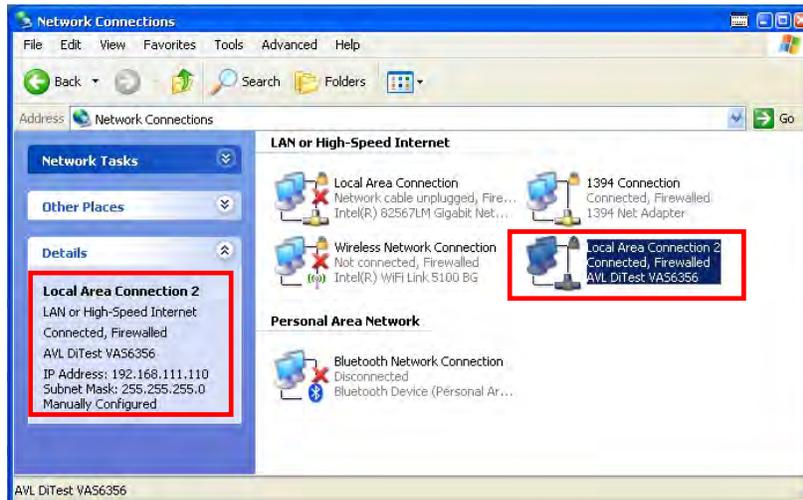
1. From the Windows desktop > **Start > (All) Programs > DiTEST > VAS 6356**
2. Click on **VAS 6356 – Konfiguration**:



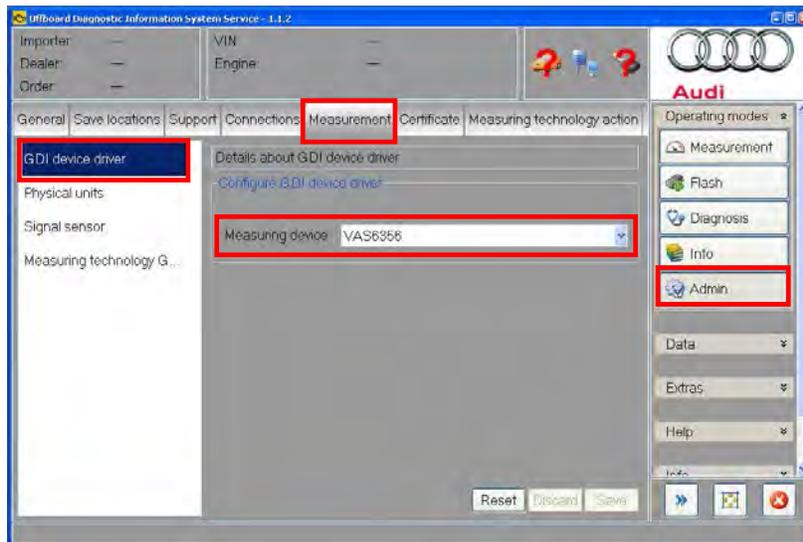
A very brief configuration routine takes place.

Service Information

3. **Disconnect, and then reconnect** the USB cable between the VAS 6356 and laptop/tablet.
4. From the Windows desktop > **Start > (Settings) > Network Connections**
5. Confirm the **Local Area Connection** for **AVL DiTEST VAS6356** is **show to be connected**. (If it is not connected, repeat Step 3). Highlight the connection and confirm the assigned IP address is **192.168.111.110** (as illustrated):



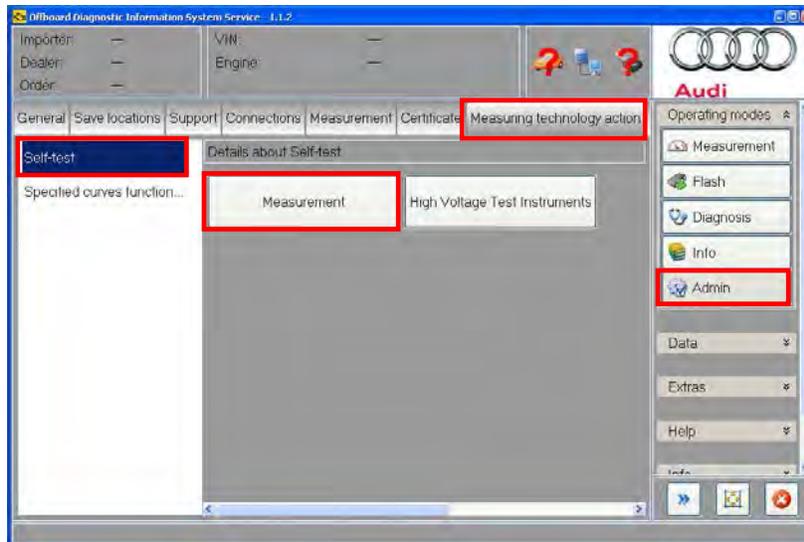
6. From the Windows desktop, click the **DiagStarter** icon and select **ODIS Service**.
7. Select the **Admin** operating mode and the **Measurement** tab.
8. In the **GDI device driver** category, confirm **VAS6356** appears in the **Measuring device selection**:



Continued ...7/

Service Information

9. Select the **Measuring technology** tab, and then click on the **Self-test** category.
10. Click the **Measurement** button:



Successful installation and configuration is indicated by the result **OK**:



The VAS 6356 is ready for use with the laptop/tablet.

ATTENTION:

Please heed the VAS 6356 use restrictions with VAS-PC specified in the *Notes on Page 1*, and inform all service personnel accordingly.

3.0 – VAS-PC Only

Existing diagnostic laptop and tablet devices running VAS-PC only (ODIS Service not installed) **do not** have VAS 6356 software pre-installed.

On VAS-PC only devices, install the VAS 6356 software, USB driver and ODIS AMT software using the CD supplied with the VAS 6356 shipment. Follow the software CD installation instructions included with the VAS 6356 shipment.

Note:

If a VAS 6356 is set up for use on a **VAS-PC only** device, and the device is **upgraded with ODIS Service in future**, the VAS 6356 software/drivers and ODIS AMT software must be uninstalled prior to installing ODIS Service. For details, refer to **Service Information – ODIS Service** document title: **VAS 6356 and ODIS Service – Software Compatibility**