Service Information

Das Auto.

Workshop Equipment **Number: VSE-13-10**

Subject: VAS 6356 Test Instruments Box – Software Installation Options **Date: May 24, 2013**

Supersedes VSE-13-05 due to updated information.

1.0 – Introduction

Three 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. Choose the appropriate installation option based on 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 installation CD on devices with existing ODIS Service installations – Ref. Section 2.0 (Page 2)

Option 2 - ODIS Service Only

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

Option 3 - VAS-PC Only

Summary: Use the VAS 6356 software installation CD – Ref. Section 3.0 (Page 8)

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 3, 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 VWGoA DTSS – 1-888-896-1298.*

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2.0 – ODIS Service & VAS-PC / ODIS Service Only

2.1 – General Information

The installation of ODIS Service diagnostic software **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.

The latest version of ODIS Service must be present or 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

Laptop/tablet Prerequisites:

- *Plugged in to power adapter (tablet in base station), booted to Windows® desktop.*
- ***ODIS Service Version 1.2.0 or higher installed.***

VAS 6356 Prerequisites:

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

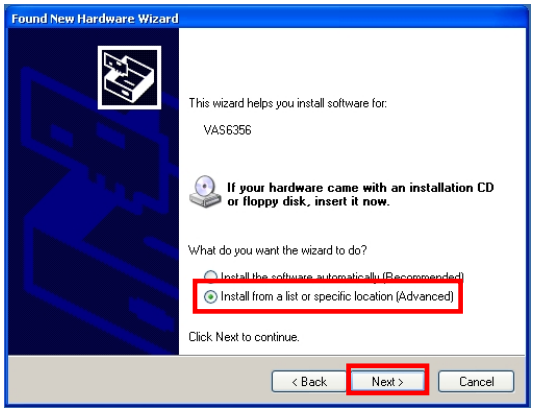
- *plugged in to power adapter, blue LEDs on steady*
- *all test and measurement leads connected*
- *USB cable connected.*

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:**

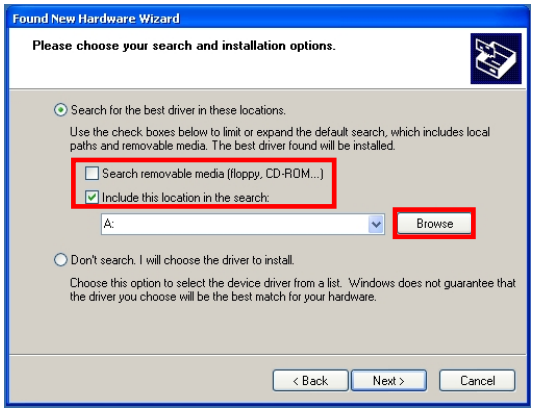


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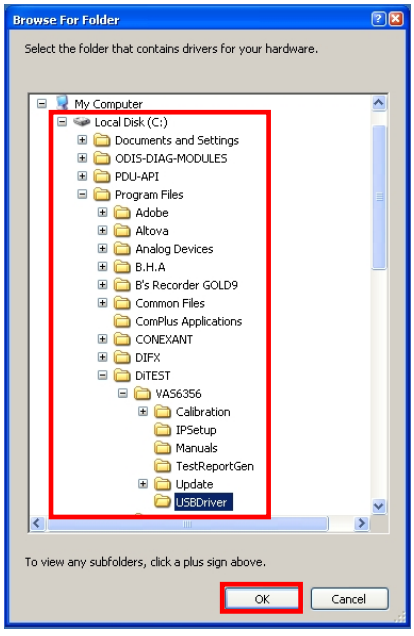
3. Select **Install from a list or specific location (Advanced)**, then click **Next:**



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

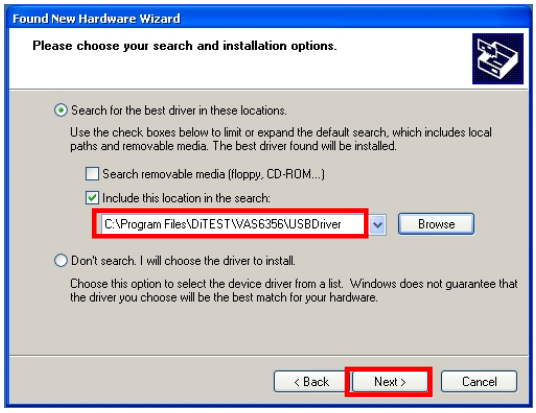


5. Expand **(+)** directory path **Local Disk C: \ Program Files \ DiTEST \ VAS6356** and highlight the **USBDriver** folder (as illustrated), then click **OK:**

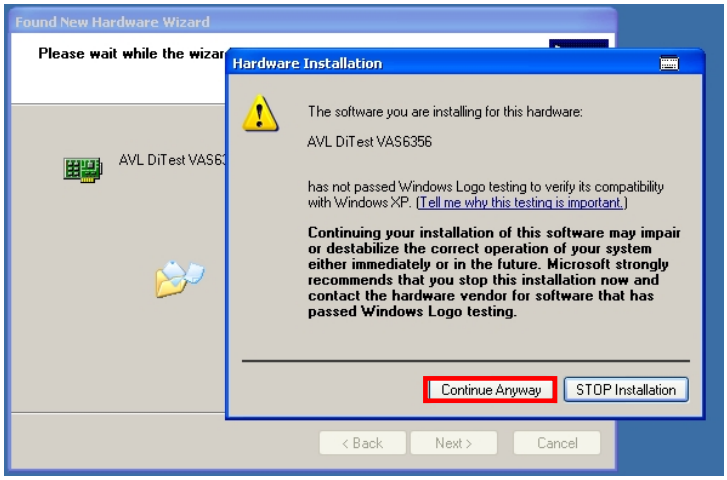


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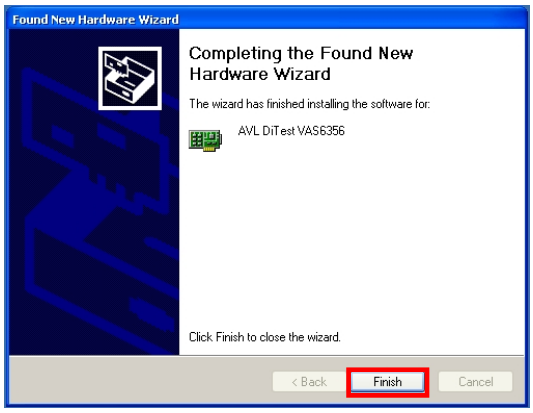
6. Confirm the path specified in Step 5 appears, then click **Next:**



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



8. Click **Finish:**



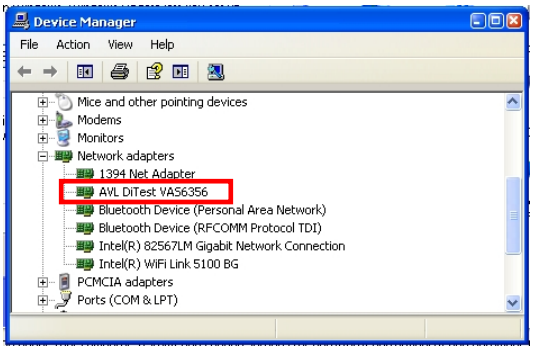
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9. From the Windows desktop **> Start > (Settings) > Control Panel > System**.
10. Select the **Hardware** tab, then click on **Device Manager:**



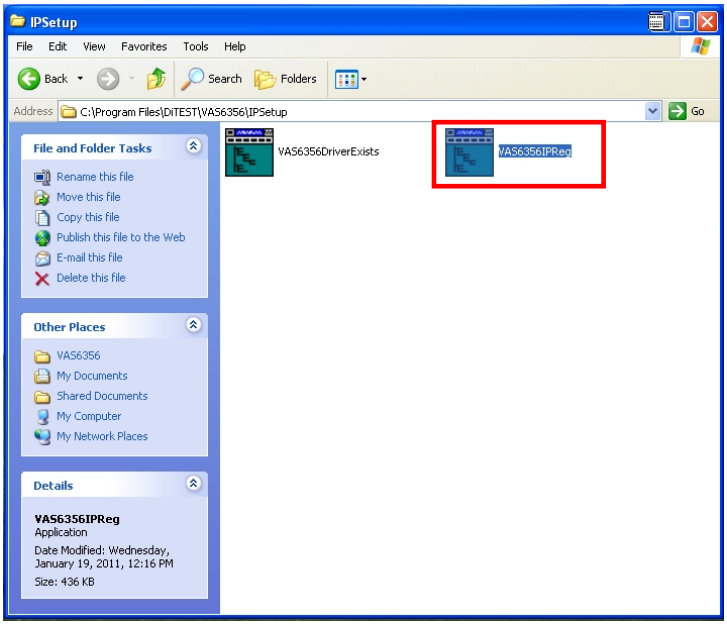
11. Expand **(+)** the **Network adapters** directory and confirm **AVL DiTEST VAS 6356** is listed:



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

2.3 – Configure Network Connection and Test System

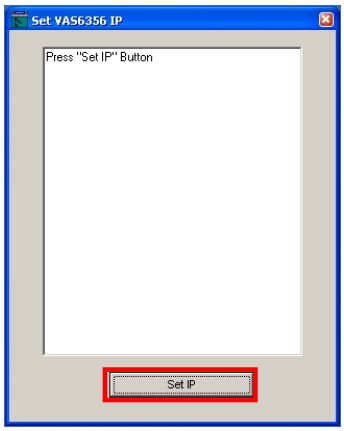
1. Go to **My Computer > Local Disk [C:] > Program Files > DiTEST > VAS 6356 > IPSetup**
2. Click on **VAS6356IPReg:**



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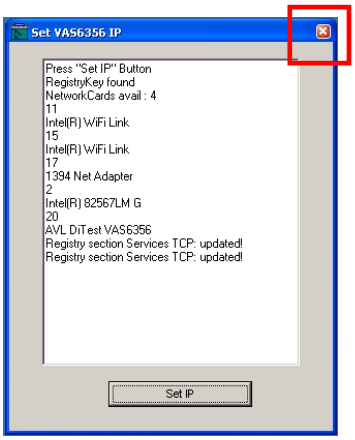
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3. Click **Set IP**:

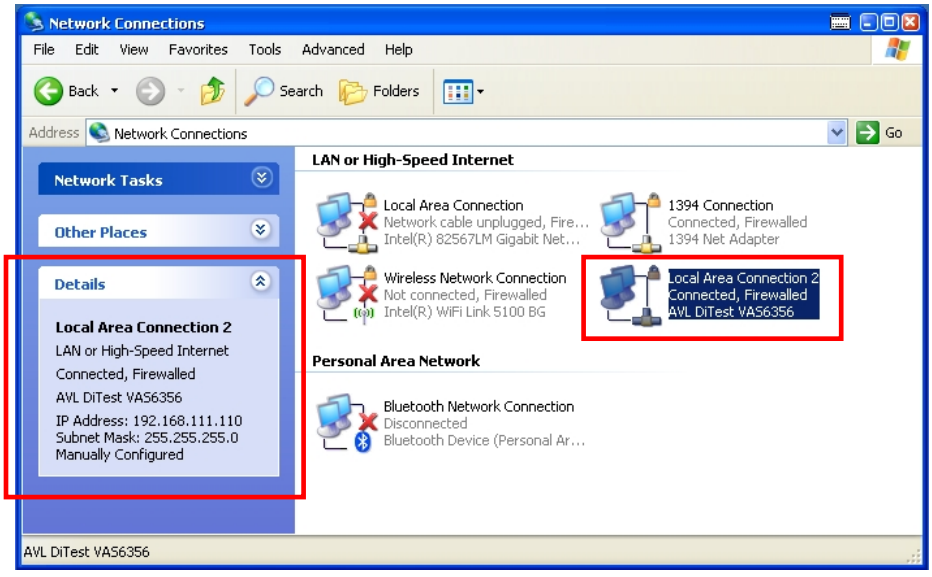


A very brief configuration takes place.

4. Close **(X)** the **Set VAS6356 IP** Window:



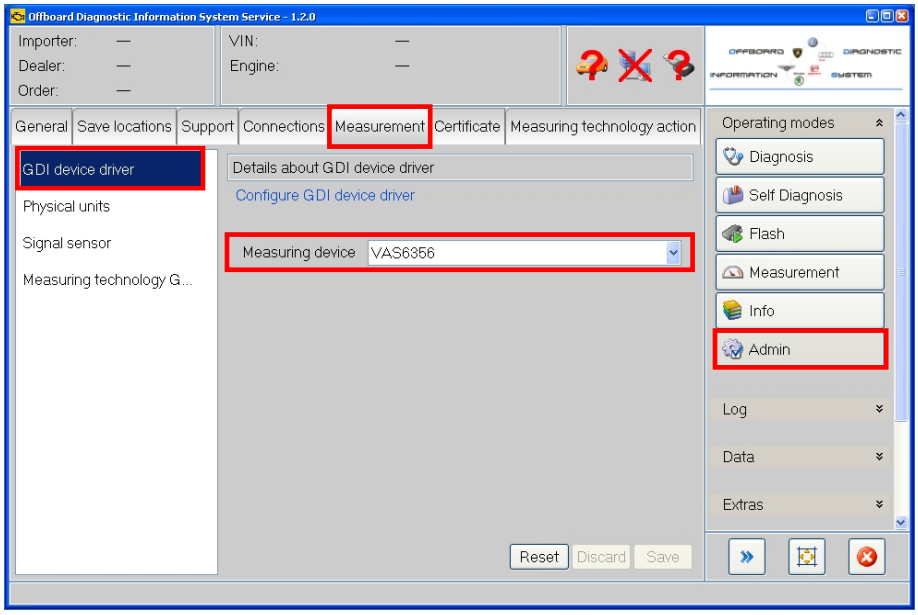
5. **Briefly disconnect, and then reconnect** the VAS 6356 USB cable from the laptop/tablet USB port.
6. Wait a moment, and then from the Windows desktop go to **Start > (Settings) > Network Connections**
7. Confirm the **Local Area Connection** for **AVL DiTEST VAS6356 is present** and **connected.** (If it is not present and connected, repeat Step 3). Highlight the connection and confirm the assigned IP address is **192.168.111.110** (as illustrated):



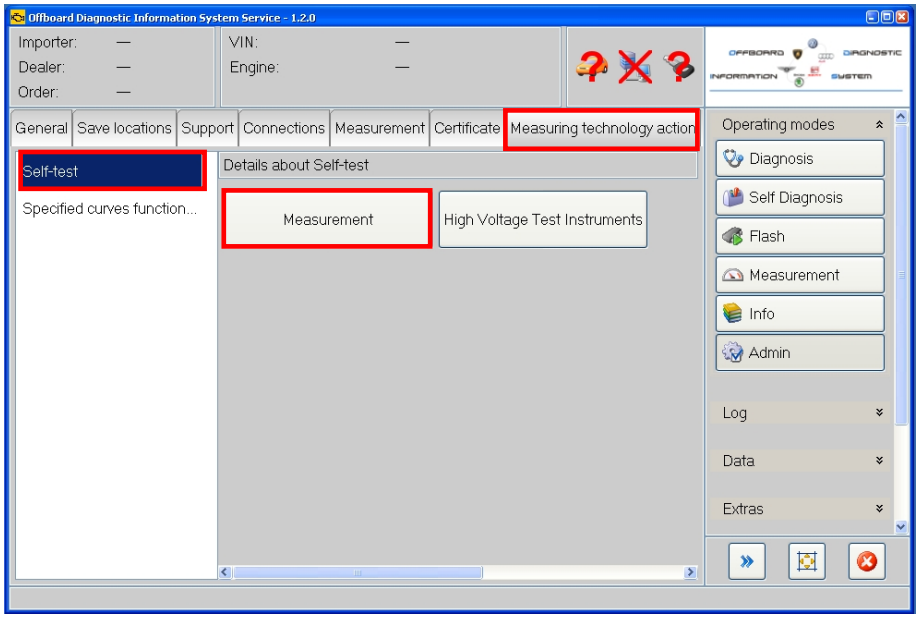
8. Close the Network Connections Window.
9. From the Windows desktop, click the **DiagStarter** icon and select **ODIS Service**.

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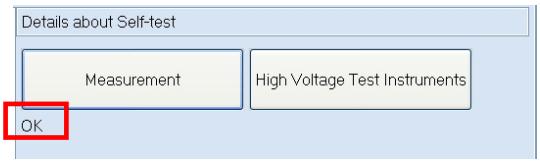
10. Select the **Admin** operating mode and the **Measurement** tab.
11. In the **GDI device driver** category, confirm **VAS6356** appears in the **Measuring device selection:**



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



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



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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**

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