Service Information

Special Tools & Equipment

Subject: **VAS 6910A High Voltage Module Balancer Setup with ODIS** **Date: Aug. 15, 2024**

1. Introduction

This circular covers the ODIS configuration for the VAS 6910A High-Voltage Module Balancer. Review the User Manual that came with the unit and adhere to all cautions and warnings before proceeding with this process. ODIS contains all software needed for operation, so no other software installation is required. This process should be completed ***before*** attempting to use the VAS 6910A with ODIS.

2. VAS 6910A Setup

Follow the User Manual and/or Quick Start Guide (both also available on the Special Tools site) to get the equipment powered up and all necessary accessories connected.

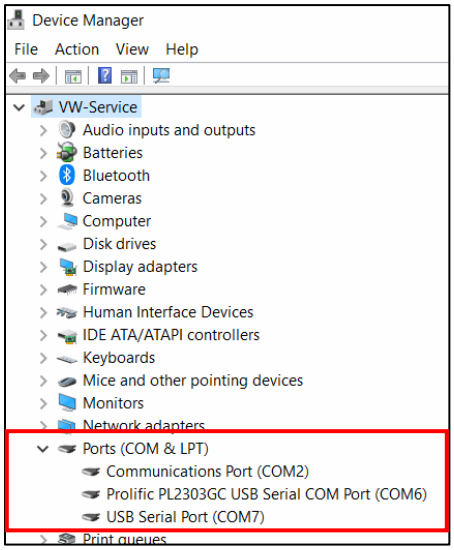
3. Diagnostic Device, VAS 6910A and ODIS Prerequisites:

- ODIS software should be up to date.
- Diagnostic device should be online with a solid internet connection.
- Diagnostic device should be fully charged or plugged into A/C power.
- Any power saving modes should be turned off.
- Anti-virus software or Group Policy should be turned off or have exceptions for ODIS and external USB/Serial devices.
- The VAS 6910A should have a steady green (power) and blue (connection) LED's lit.

4. Windows Verification

Connect the VAS 6910A to the diagnostic device via provided USB cable.

Please check Windows **Device Manager** *(Device Manager can be found in Windows Control Panel)* under **Ports** and you should see a **USB Serial Port** device. The (COM7) is just an example port. This should be the VAS 6910A (close out when done)



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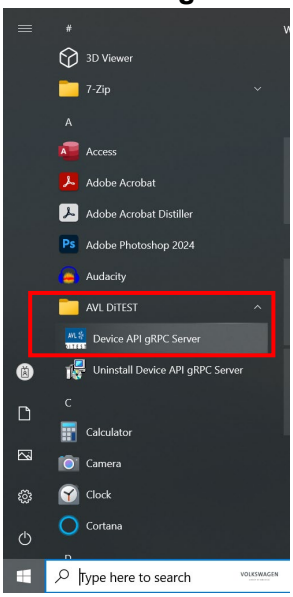
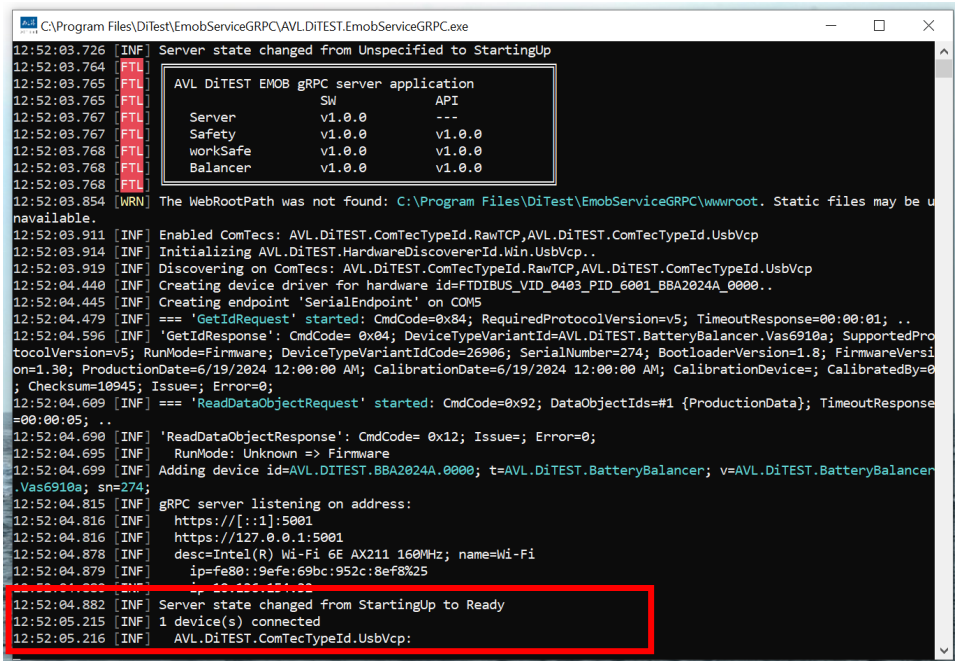
5. VAS 6910A Configuration Tool

1) **Close ODIS System.**
2) Ensure diagnostic device connected to the **network** (internet).
3) In the Windows **Start Menu** Program/Application list, look for and expand **AVL DiTEST** and click on **"Device API gRPC Server"**.



4) A DOS window will open and run.



You should see near the bottom of the window [1 device(s) connected] This lets you know that the software sees the VAS 6910A. **DO NOT close this DOS Window;** however, you can minimize it.

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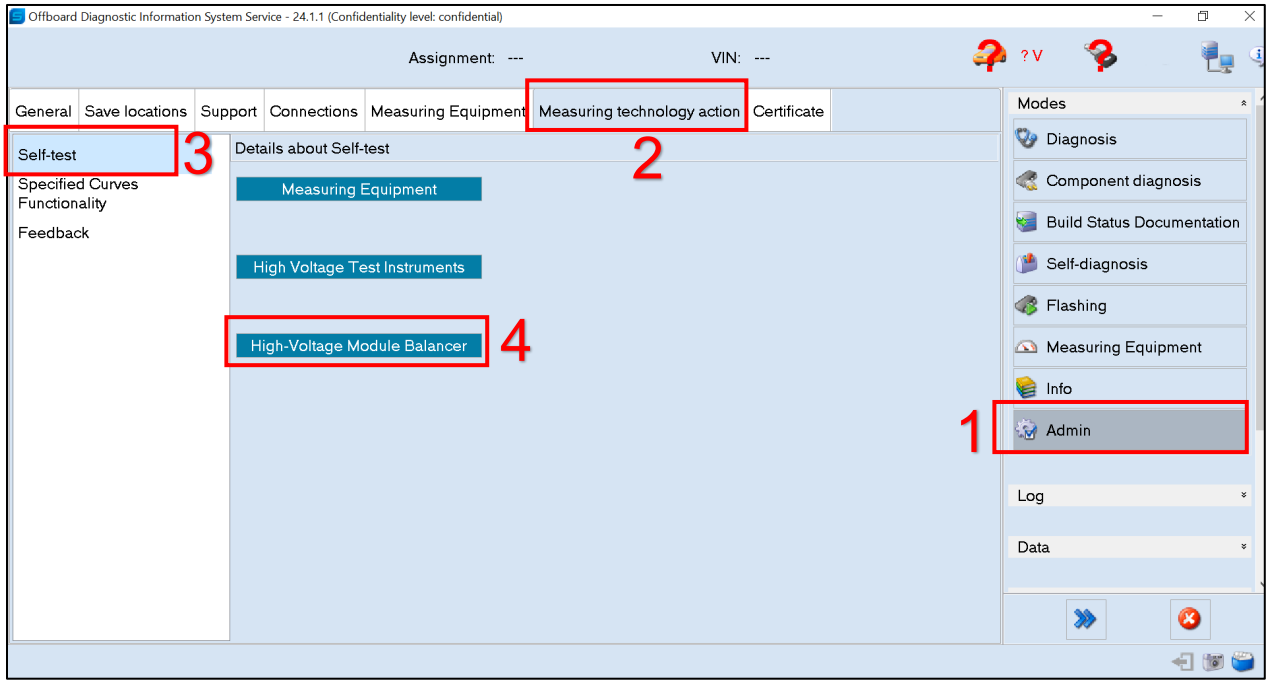
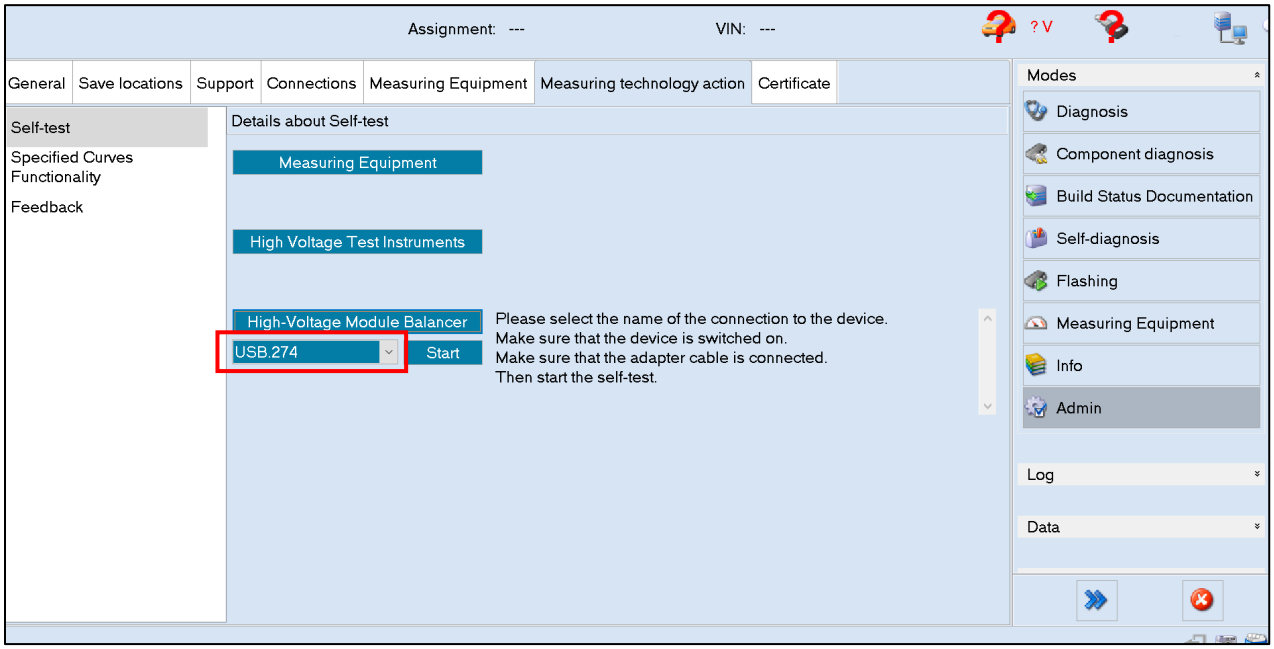
6. ODIS VAS 6910A Self-test

- Launch the ODIS program.
- Go to Admin > Measuring technology action > Self-test > **High-Voltage Module Balancer**



This window should appear: Note the USB connection is seen.



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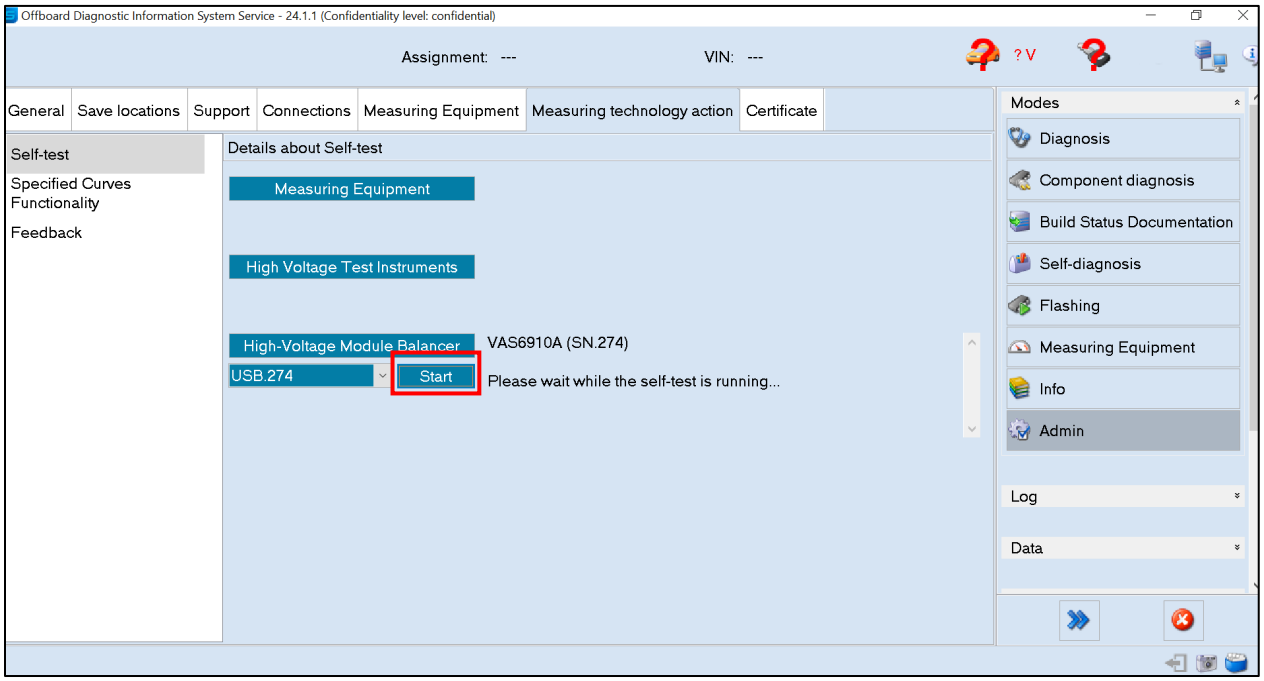
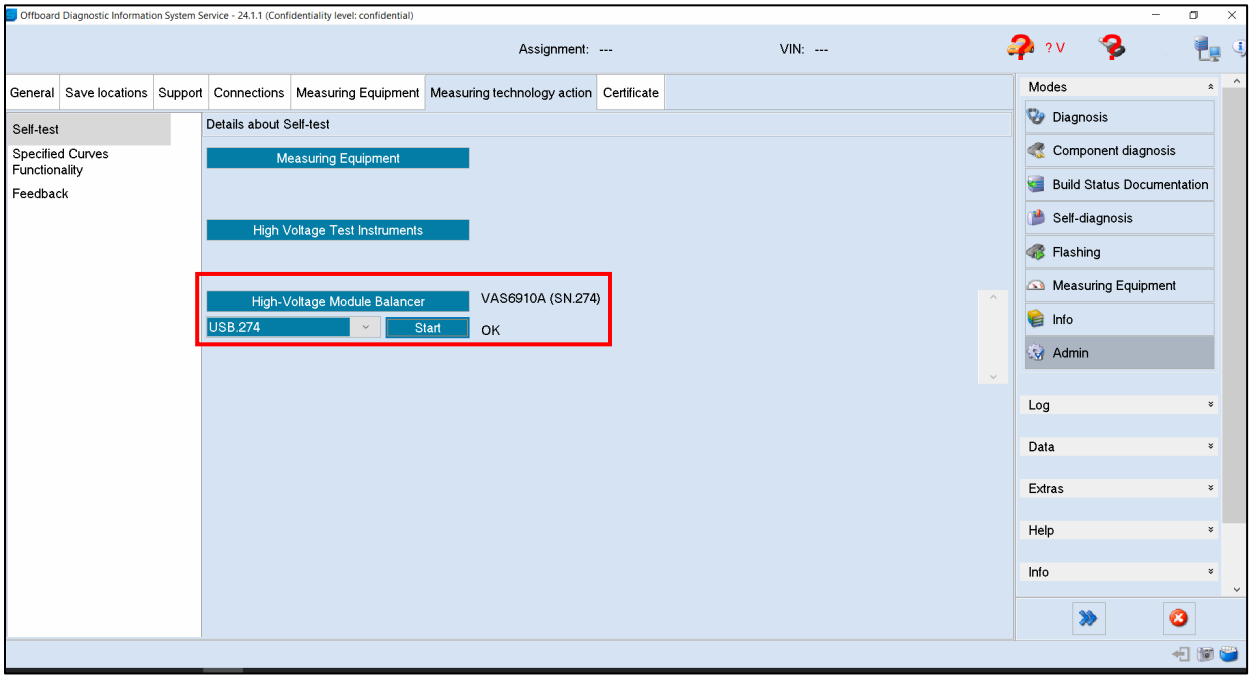
Click on ***Start***. This window will appear after **starting the self-test.**



The self-test will take a few minutes to run. You will hear the VAS 6910A click and make testing sounds, the fan will kick on low and then high, and cut off.

When complete, the self-test will come back “OK”.



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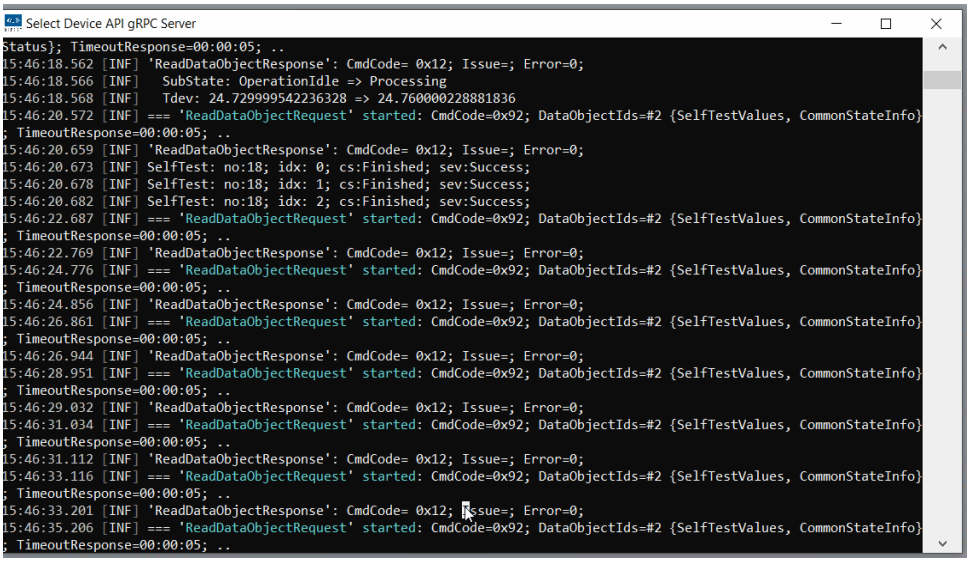
Note: This DOS window may appear. **DO NOT close this DOS Window;** however, you can minimize it.



The VAS 6910A is now ready to be used.

If you believe there is an ODIS related issue with this device, please reach out to the DTSS team for assistance. 888-896-1298 or softwaresupport@vw.com

If you have a hardware issue with the device, damaged connectors, unit not powering on, etc. Please review the User Manual. If you have exhausted all hardware fix attempts, please reach out to AVL Support (information available on the Special Tools website).

Notes

AVL Service and Support - Toll Free Local Hotline:

USA 1-833-984-3843
Canada 1-833-945-2880

Email: vas.service@avl.com **AND**
support.ccc@avl.com

Quickstart VAS6910A Rev01

User Manual