

Service Information

Workshop Equipment

Number: Indie-6150Rec

Subject: VAS 6150 Class Laptops - System Recovery Instructions

Date: Jan. 06, 2012

1.0 - Introduction

Due to their function as diagnostic tools, VAS diagnostic laptops are equipped with a proprietary Windows XP® operating system. A partitioned hard drive is utilized and the system is specially configured to support the installation and licensing requirements of the VAS-PC Diagnostic Software.

In the event of operating system malfunctions, system recovery must be performed using data stored on the partitioned hard drive. Unlike VAS 505X devices, a separate "Recovery DVD" is not used. The latest versions of VAS-PC Base and Brand software must be reinstalled and configured after successful system recovery.

These instructions were validated using US/CDN market devices and software. The various operating manuals included on the VAS-PC Base CD may contain information that is not applicable to the US/CDN market. For system recovery and software loading, the instructions provided in this document take precedent.

Should you experience difficulties with, or need clarification on, any of the instructions found here, contact **VWGoA Diagnostic Tester Software Support at 1-888-896-1298.**

ATTENTION!

- **DO NOT USE the Panasonic Windows XP® installation CDs supplied with the diagnostic laptop for operating system recovery!** Use of the Panasonic CDs will completely erase all VAS-specific partition data and install a standard Windows XP® or Windows 7® laptop operating system. Subsequent installation and function of the VAS-PC application is not possible on a standard laptop installation.
- During the recovery process described here, all data on hard drive C:\ is erased. Only data on hard drive D:\ is retained. If possible, finalize all stored diagnostic sessions and transmit all saved diagnostic protocols prior to recovery.

Notes:

- *This procedure should be performed by an experienced user or IT professional.*
- *Please read this entire document before performing system recovery.*
- *Heed all prerequisite requirements and notes, and follow all instruction steps (including instruction steps cross-referenced in other documents posted on erWin).*
- *Perform this procedure in an area that is quiet, clean and without distraction or interruption.*
- *We recommended a printed copy of these instructions be used during the recovery process.*
- *Allow approximately 2 hours to complete the recovery and software reinstallation procedure.*
- *Perform this procedure with the diagnostic laptop power supply adapter cable plugged in.*
- *During system recovery and subsequent rebooting, the diagnostic laptop must not be connected to the docking station.*

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2.0 - General Information

This document contains step-by-step instructions required to perform **system recovery** on all current **VAS 6150 Class laptops** and **network configuration ONLY**.

This document **does not** contain detailed VAS-PC Base & Brand software installation and configuration instructions needed to put the device back into service. **These step-by-step instructions are located in various existing documents posted on erWin.**

Sections 5.0 & 6.0 in this document contain cross-references to all applicable software installation and configuration information in various documents **posted on erWin**. Obtain these documents separately and follow the instructions as specified.

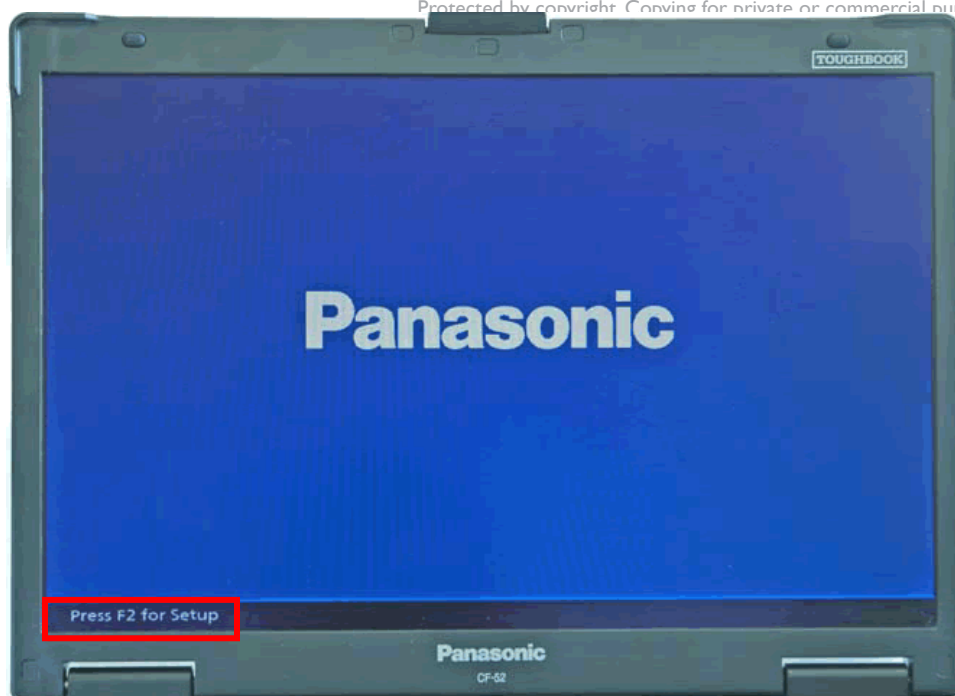
3.0 - System Recovery

The system recovery process is initiated through the system BIOS. To enter the BIOS Setup, press the F2 key on startup when the Panasonic logo is displayed.

Preparation:

- Connect power adapter (do not attempt recovery on battery power alone).
- If an Ethernet (network) cable is connected, **disconnect** it.

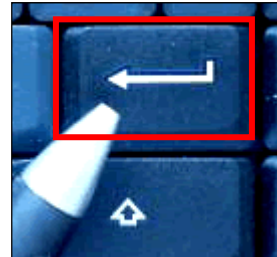
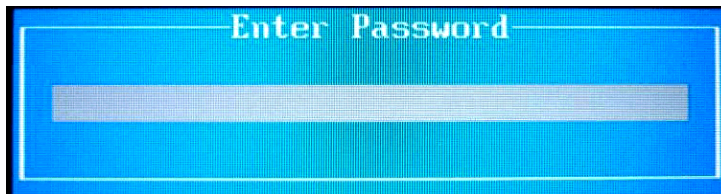
1. Turn on the diagnostic laptop.
2. When the Panasonic logo is displayed, press the **F2** key to enter the BIOS Setup.



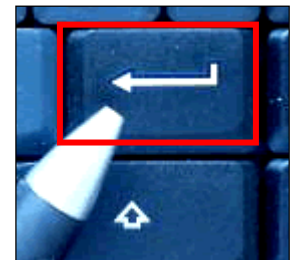
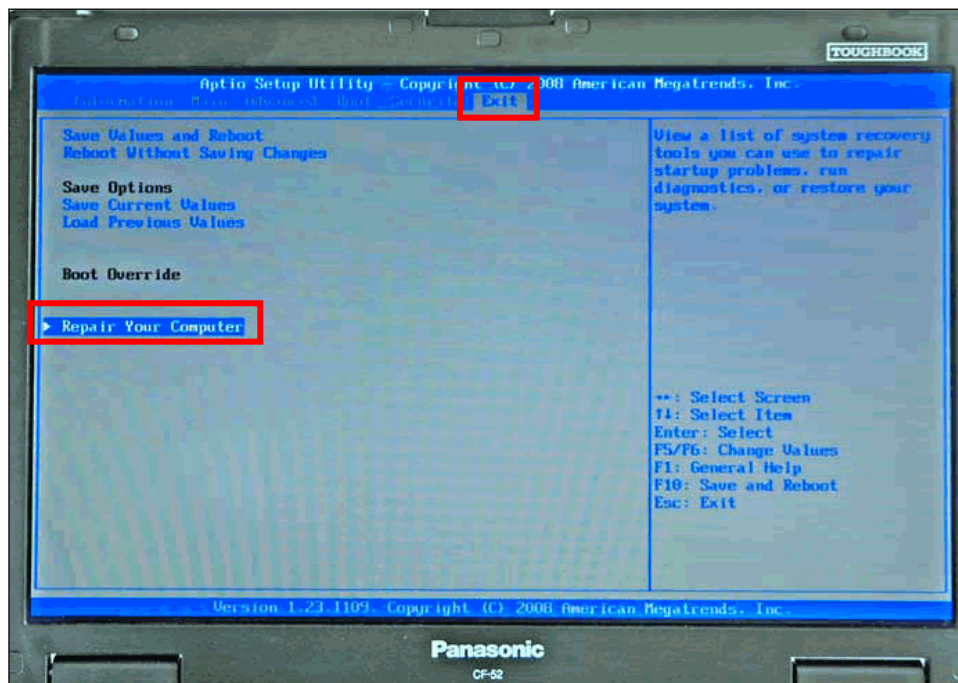
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A BIOS password prompt appears:

3. For **VAS 6150** and **VAS 6150A** models, enter BIOS password: **vas6150**
4. For **VAS 6150B** models, enter BIOS password: **vas6150b**
5. Press the **Enter** key.



6. In the BIOS menu, use the right and left arrow keys to select the **Exit** tab, then use the up and down arrow keys to select **Repair Your Computer**. Press the **Enter** key to continue.



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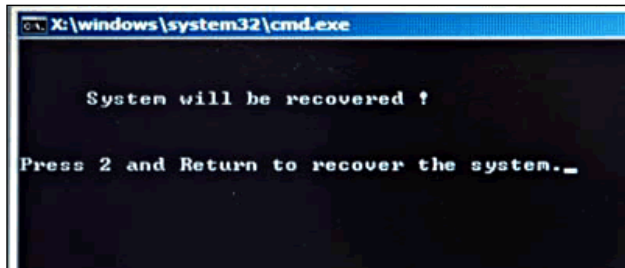
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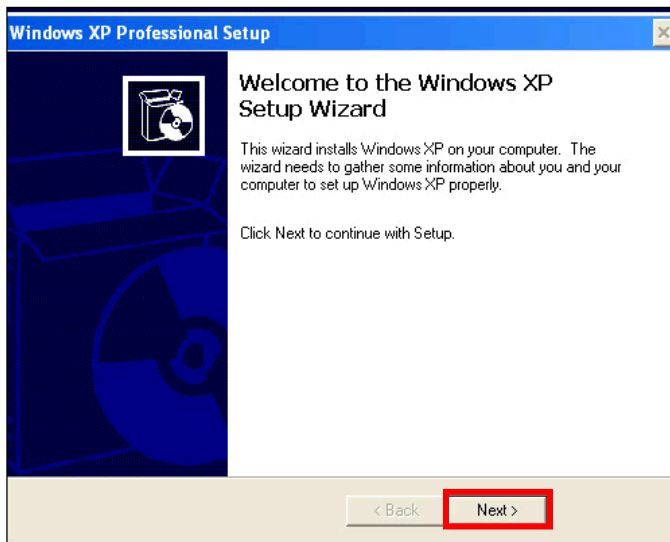
- After the Enter key is pressed, the system recovery starts. After approximately 2 minutes, the message **"System will be recovered"** is displayed.



- Press the **"2"** key as instructed, then press **Enter** to continue.



- Recovery will take between 10 and 15 minutes. When complete, the system will reboot.
- After the system reboots, the Windows XP Setup Wizard is displayed. Click **Next** to continue.



- Review the Regional and Language options. Make changes as necessary, ensuring that **English [United States] (EN)** is set as default. Then click **Next**.
- Review the **Date, Time, Time Zone** and **Daylight Savings Time** settings. Make changes if necessary. Then click **Next**.
- When the installation is complete, the system will reboot and the Windows desktop will be displayed.

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4.0 – Network Configuration & Netviewer

4.1 – Network Configuration

For dealership networks using **DHCP** for Internet access, no configuration is necessary (default setting in VAS 5051B is DHCP). Proceed with Netviewer installation below.

For dealership networks uses **Static IP** configurations for Internet access, the configurations must be renewed after installation/recovery. Ask your workshop IT professional for details and assistance.

If you are unsure of the type of network configuration used, ask your workshop IT professional, or contact the **VWGoA IT Service Desk** at **1-866-892-3375** for assistance.

4.2 – Netviewer Installation

Prerequisite:

Diagnostic laptop is able to connect to internet (DHCP or static IPs enabled as per Section 4.1).

1. Connect network/Ethernet cable to tester.
2. Launch Internet Explorer and logon to your desired brand erWin website.
3. From the home page, navigate as follows: **About ErWin > Step By Step > Step 1: Set up erWin.**
4. From the **VAS Scan tool support software** category, double click the **Netviewer Download (free)** link.
5. Save file to Windows desktop on the laptop.
6. When the file download is complete select “**Close**” from the dialog box.
7. **Restart** the laptop (**Start > Turn Off-Computer > Restart**)

5.0 – Reinstall and Configure Software

5.1 – Install and Configure VAS-PC Base and Brand Software

1. Using a workshop PC or laptop connected to a printer, logon to your desired brand **erWin website**.
2. Navigate through **Search > Manual Search > Category 1 - Special Tools Information (free)** and locate/print **Service Information** document title: **VAS 5051B, VAS 5052A & VAS 6150 Class Laptops - Base V19.01.00 Installation Instructions.**
3. Perform Base and Brand software installation and configuration as specified in the following sections:
 - **3.1 - Install Base Software V19.01.00**
 - **4.0 - Configure Base Software (incl. all subsections)**
 - **5.0 - Install Brand Disc(s)**

5.2 – Reinstall Anti-Virus Software (where applicable)

1. Reinstall anti-virus software as per your workshop's IT policy where applicable.

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6.0 – Renew VAS 5054A Transmitter Head Bluetooth & EDIC Configurations

6.1 – VAS 5054A Bluetooth and EDIC (wireless) Configurations

1. Using a workshop PC or laptop connected to a printer, logon to your desired brand **erWin website**.
2. Navigate through **Search > Manual Search > Category 1 - Special Tools Information (free)** and locate/print **Service Information** document title: **VAS 5054A Transmitter Head - Bluetooth & EDIC Configuration**.
3. Perform all configuration steps as specified.

6.2 – VAS 5054A USB (cabled) Configuration

If the laptop is used to perform anti-theft immobilizer adaptations, a USB (cabled) connection must be used between the VAS 5054A Transmitter Head and the laptop.

If the USB (cabled) configuration was originally performed during initial setup of the laptop when new, the USB configuration must be renewed after system recovery.

1. Using a workshop PC or laptop connected to a printer, logon to your desired brand **erWin website**.
2. Navigate through **Search > Manual Search > Category 1 - Special Tools Information (free)** and locate/print **Service Information** document title: **VAS 5054A Transmitter Head - USB Configuration & Function**.
3. Perform all configuration steps as specified.

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