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Service Information

VAS Tester

Number: VVT-13-23

Subject: VAS 5054A Transmitter Head – Bluetooth® & EDIC
Configuration – ODIS Service Only

Date: Dec. 20, 2013

Supersedes VVT-13-11 due to complete revision.

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1.0 – Introduction

Use the procedures in the following sections to configure a VAS 5054A Transmitter Head on a VAS diagnostic laptop or tablet with **ODIS Service ONLY**.

This document covers VAS 5054A configuration for VAS diagnostic laptop or tablet devices with **Windows XP** and **Windows 7** operating systems.

Note:

Please discard any printed copies of this document after use. Revised versions may be issued at any time. Always check ServiceNet for the latest version.



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2.0 – Preparation

Prerequisites

- ☐ VAS diagnostic laptop or tablet connected to power adapter.
- ☐ **VAS-PC not installed or previously uninstalled.**
- ☐ **The latest version of ODIS Service installed and configured.**
- ☐ ODIS Service not running during configuration.
- ☐ VAS diagnostic tester tablets: On-screen keyboard activated for number entry and USB mouse connected for easier navigation.

1. Turn on the diagnostic laptop or tablet.
2. Note the **Windows operating system logo** displayed during startup (**Windows XP** or **Windows 7**).
3. Ensure the wireless operation switch is turned **ON** as applicable:



VAS 6150 & VAS 6150A

(Front panel behind handle)



VAS 6150B & VAS 6150C

(Middle right side behind WIRELESS door)



VAS 6160/A

(Upper left side behind SC/EX door)

4. Record the VAS 5054A **Serial Number (S#)** from a label on back of the transmitter housing:

VAS 5054A Serial Number (S#): _____

5. Connect the VAS 5054A to a vehicle Data Link Connector (DLC) and switch the ignition ON. The blue LED on the transmitter head **must flash**.
6. Proceed with **Windows Bluetooth** configuration steps in accordance with the installed operating system. Ref. **Section 3.0** below.

3.0 – Windows® Bluetooth® Configuration

3.1 – General Information

The Windows Bluetooth configuration “pairs” the VAS 5054A with the diagnostic laptop/tablet for Bluetooth (wireless) communication.

Bluetooth configuration procedures differ slightly between Windows XP and Windows 7. Please choose the procedure that applies in your case:

- **Windows XP** – Section 3.2 – [Page 3](#).
- **Windows 7** – Section 3.3 – [Page 7](#).

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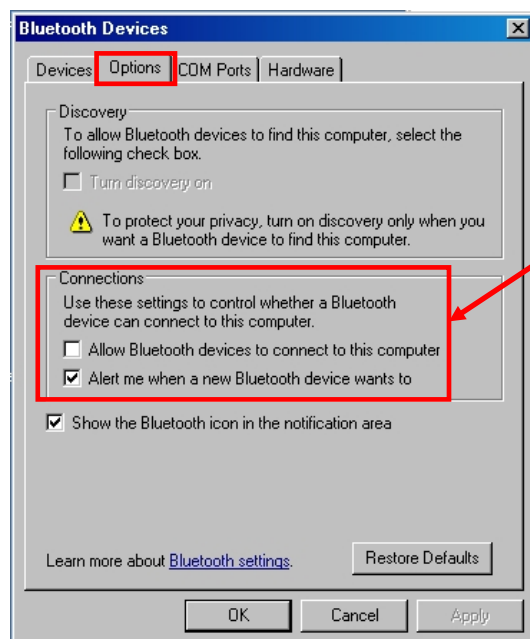


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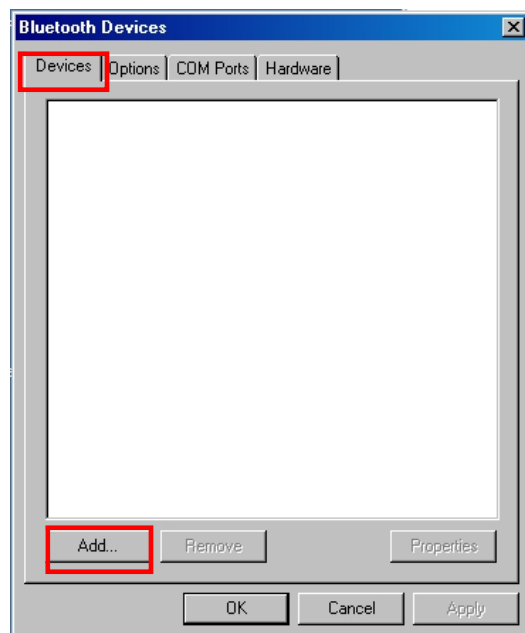
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3.2 – Procedure - Windows XP

1. From the Windows desktop, go to **Start > Settings > Control Panel**.
2. Select **Bluetooth Devices** from the Control Panel menu.
3. Select the **Options** tab: Verify that “**Allow Bluetooth devices to connect to this computer**” is **NOT** checked, and “**Alert me when a new Bluetooth device wants to**” **IS** checked:



4. Select the **Devices** tab, then click **Add**:



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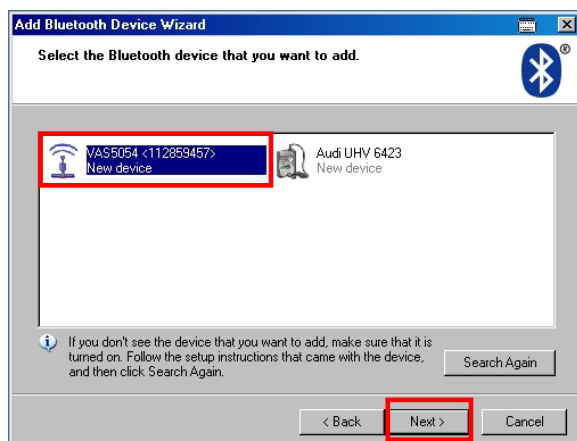
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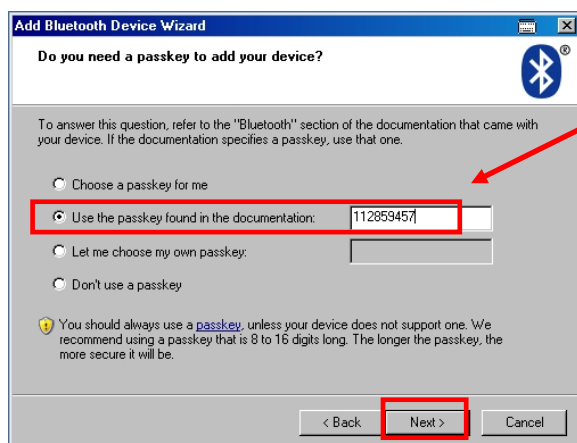
5. Check **“My device is set up and ready to be found”**, then click **Next** to start the device search:



6. Select/highlight **VAS5054 <112859457>**. Confirm the number between the < > symbols **matches the VAS 5054A serial number recorded on Page 2**, then click **Next**:



7. Select the passkey option: **“Use the passkey found in the documentation”**. Enter the **VAS 5054A serial number recorded on Page 2** as the “passkey”, then click **Next**:



8. **Wait** while Windows configures the Bluetooth connection.

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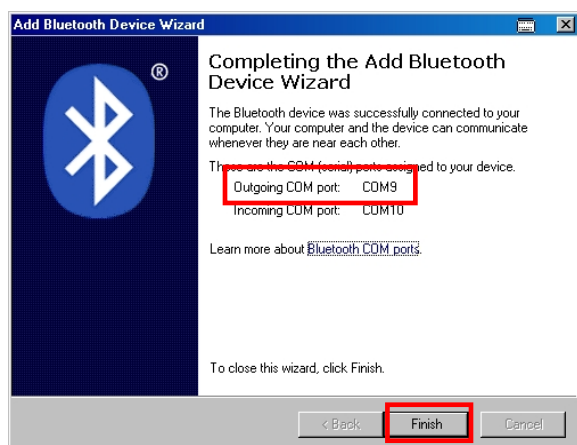
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9. Record the **Outgoing COM port** assigned to the device in the space provided below, then click **Finish**:

Note:

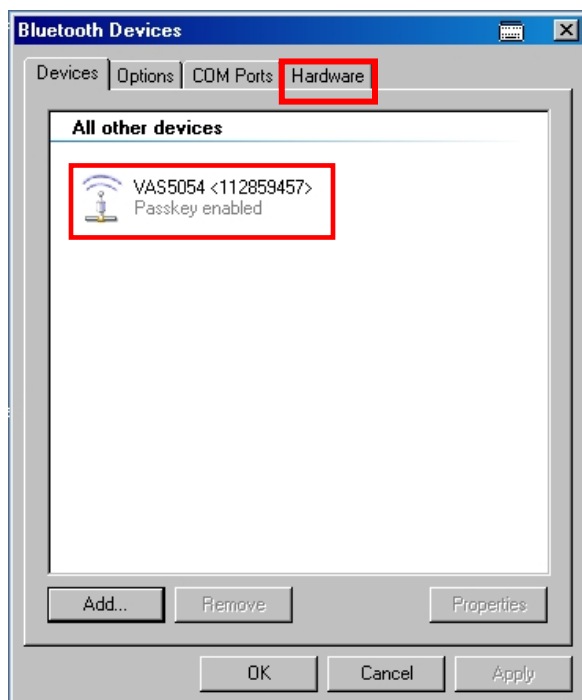
*The COM port number illustrated below is **an example only**! Each configuration is unique, so it is important to record the COM port number assigned during **your** configuration.*



Outgoing COM port:

The VAS 5054A now appears in the **Bluetooth Devices** window.

10. Select the **Hardware** tab:



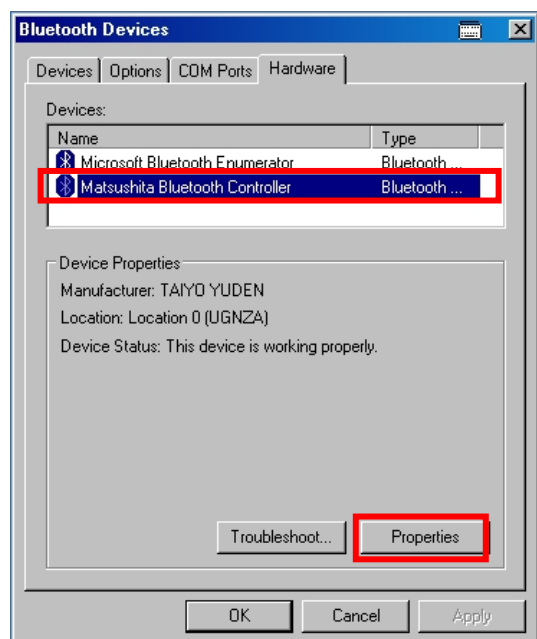
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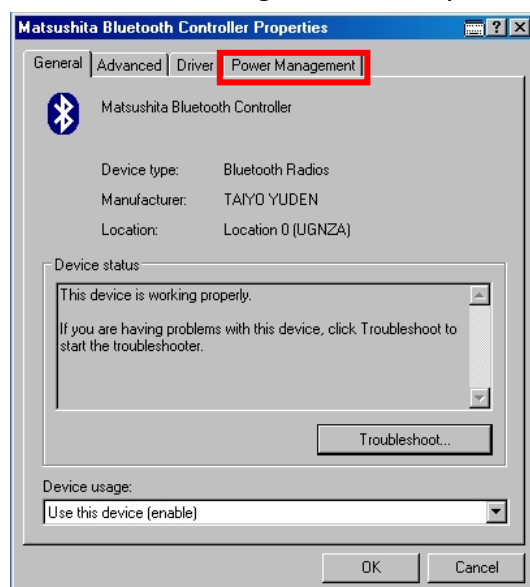
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11. Select (highlight) device name **Matsushita Bluetooth Controller** or **ALPS Integrated Bluetooth Device** as applicable to your device, then click **Properties**:



12. If the **Power Management** tab is present, select it:



Note:

If the **Power Management** tab is **not** present, **close the Bluetooth Controller and Control Panel** windows. In this case the power management feature is not present and no further action is necessary.

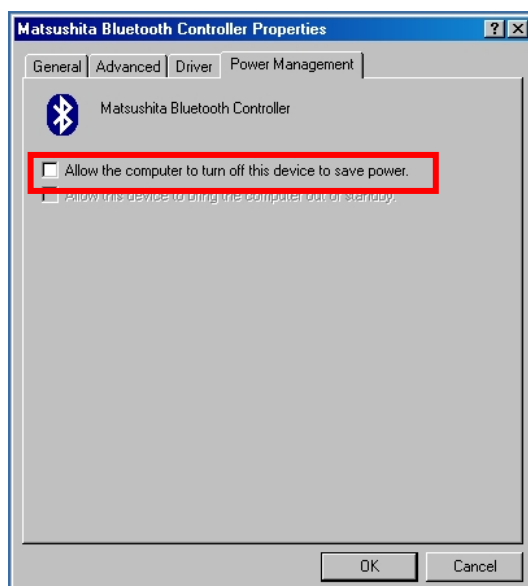
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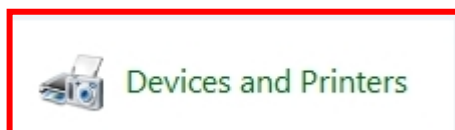
13. Ensure that “**Allow the computer to turn off this device to save power**” is **deselected**, and then select **OK**:



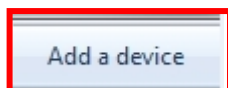
14. Close the Control Panel window and proceed with the **EDIC Hardware Configuration**. Ref. **Section 4.0 – [Page 10](#)**.

3.3 – Procedure – Windows 7

1. From the Windows desktop, go to **Windows Button (Start) > Control Panel**
2. From the Control panel list window, select **Devices and Printers**:



3. From the window header, select **Add a Device**:



Windows displays a list of Bluetooth devices found.

Note:

*The VAS 5054A serial number shown in the following illustrations is an example only!
Each VAS 5054A is assigned a unique serial number.*

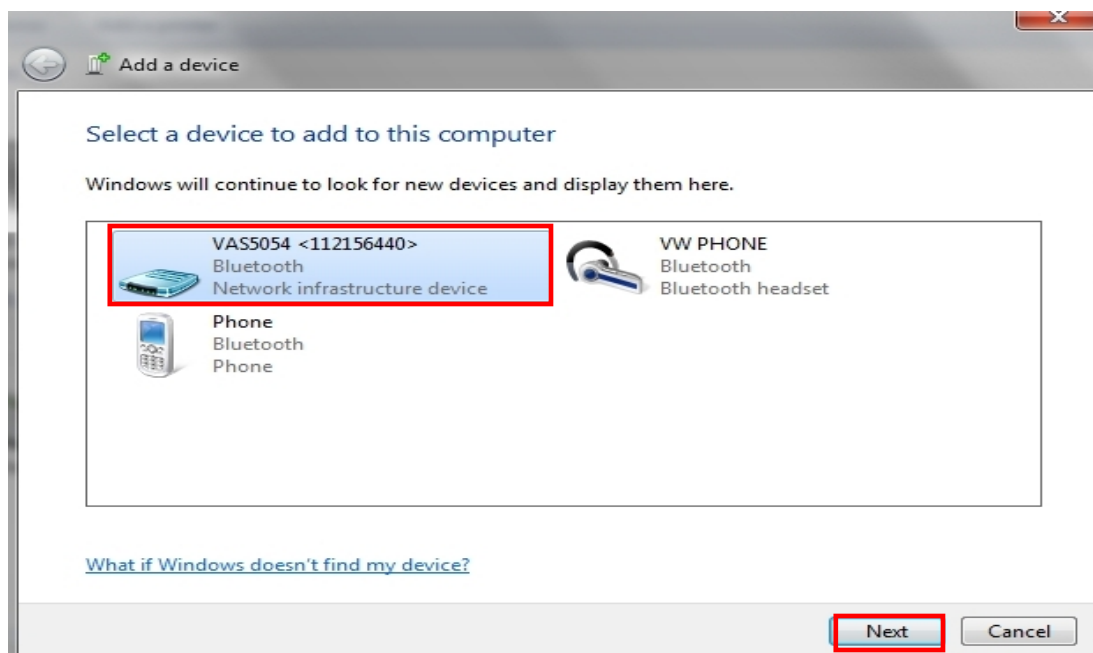
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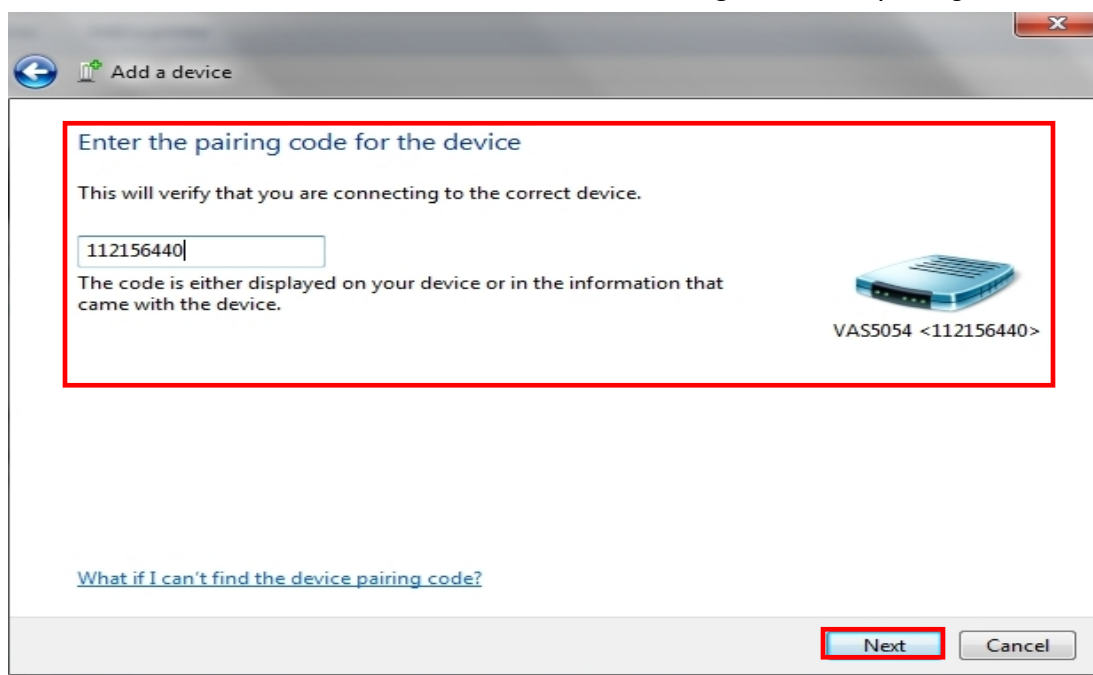
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4. Select/highlight **VAS5054 <112156440>**. Confirm the number displayed between the < > symbols **matches** the **VAS 5054A** serial number recorded on **Page 2**, then click **Next**:



5. Enter the **VAS 5054A** serial number recorded on **Page 2** as the “pairing code”, then click **Next**:



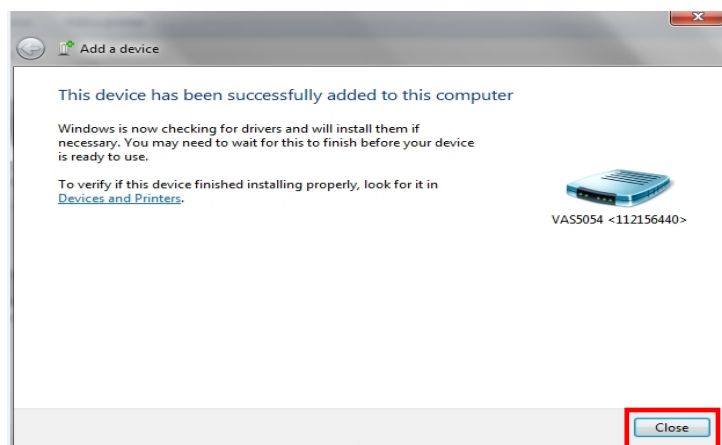
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6. When the confirmation window indicating the device has been added appears, click **Close**:



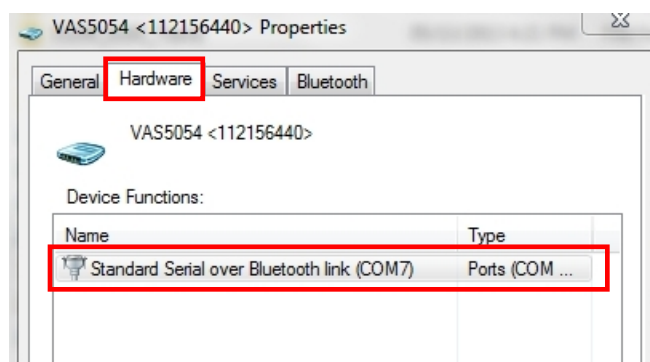
7. From the Devices and Printers window, **double click VAS5054 <.....>**:



8. Select the **Hardware Tab** and record the **COM port** assigned to your device in the space provided below:

Note:

The COM port number illustrated below is **an example only**! Each configuration is unique, so it is important to record the COM port number assigned during **your** configuration.



COM Port: _____

9. Close the Properties window and proceed with the **EDIC Hardware Configuration**. Ref. **Section 4.0 – Page 10.**



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4.0 – EDIC Hardware Configuration

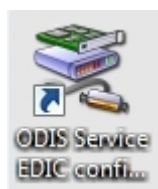
4.1 – General Information

The EDIC hardware configuration enables data to be exchanged between the Bluetooth (wireless) functions of the VAS 5054A and the ODIS Service diagnostic software.

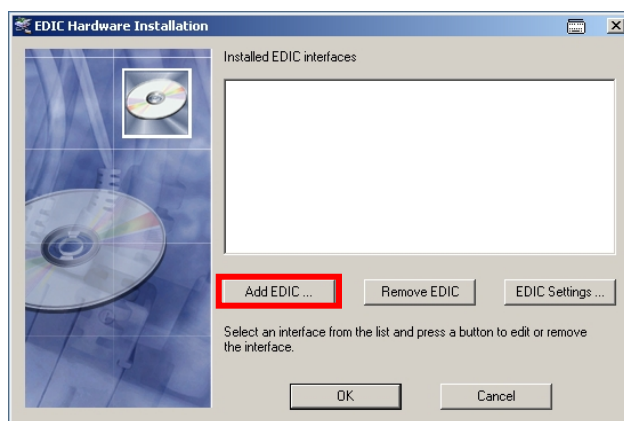
The screenshots illustrated below are from a classic Windows XP installation. While slightly different prompt window formatting and colors appear in Windows 7, the configuration procedure outlined below is **identical for both Windows XP and Windows 7 installations.**

4.2 – Procedure

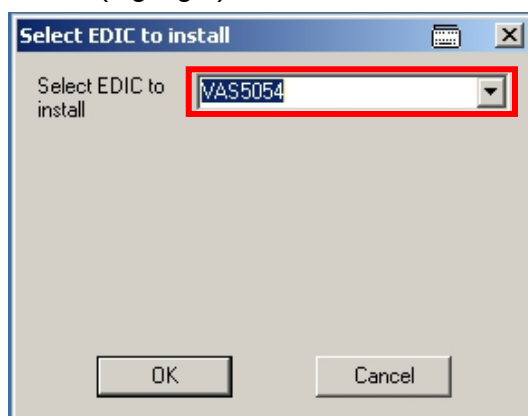
1. From the Windows desktop, double click the **ODIS Service EDIC configuration** program icon:



2. Click **Add EDIC ...** :



3. Select (highlight) **VAS5054** from the dropdown menu, and then click **OK**:



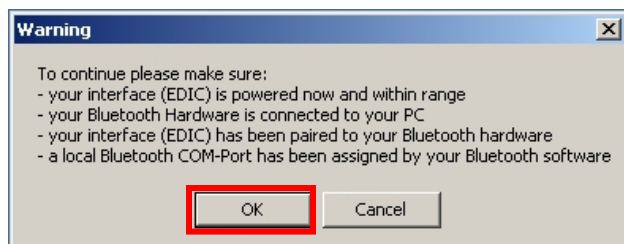
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4. Click **OK**:

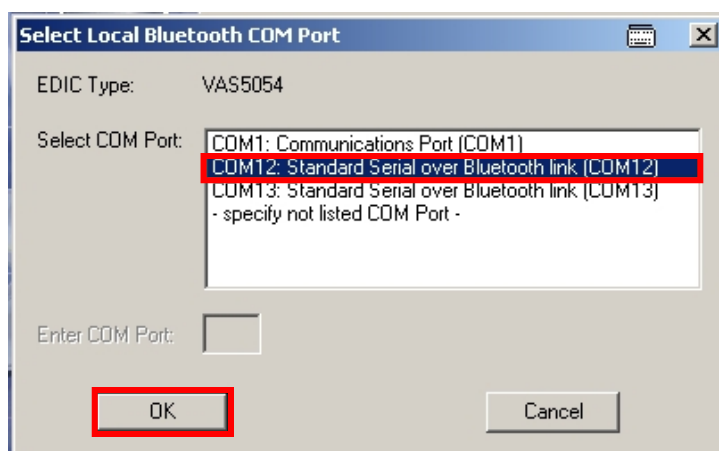


5. Select (highlight) the **COM** port as previously recorded:

Windows XP: Page 5, or Windows 7: Page 9, then click OK:

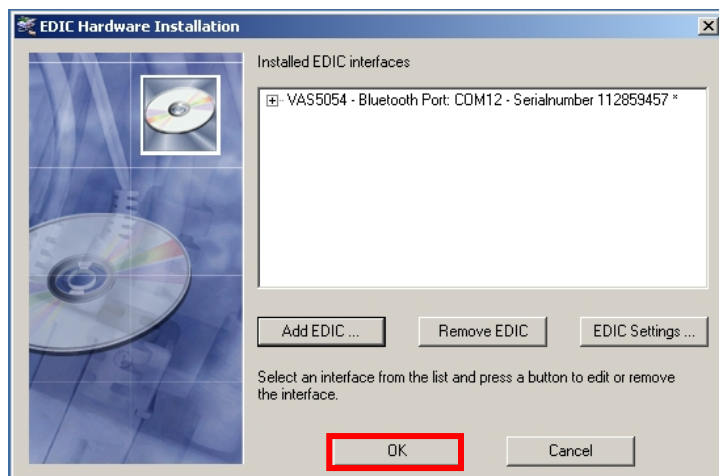
Note:

*The COM port selection illustrated below is **an example only**! Each configuration is unique, so it is important to select the COM port number assigned and recorded during **your** configuration.*



The configured VAS 5054A and assigned COM port appears in the **Installed EDIC Interfaces** display.

5. Click **OK**:



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6. From the Windows desktop, click the **DiagStarter** icon and start **ODIS Service**.

7. Initiate a diagnostic session and confirm vehicle to diagnostic device communication.

The VAS diagnostic device can now be placed into service with its configured VAS 5054A.

5.0 – VAS 5054A Configuration Settings

5.1 – General Information

The **VCI Manager** application that was previously used to control the VAS 5054A configuration for **Buzzer** and **PowerOff** settings is no longer used on **ODIS Service only** installations.

If desired, buzzer and power settings can be changed using the **EDIC Configuration Manager** application as described below.

5.2 – Procedure

Prerequisites:

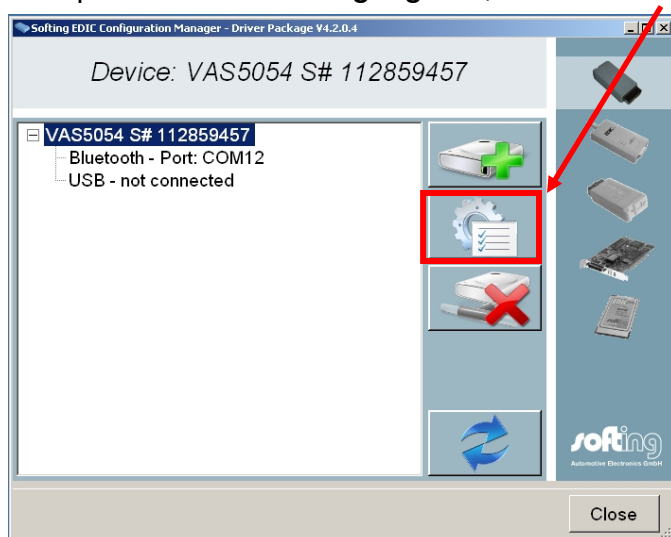
- ☐ ODIS Service **version 2.0.2** or higher installed.
- ☐ VAS diagnostic laptop or tablet plugged in to power adapter, booted to Windows desktop.
- ☐ VAS 5054A configured for Windows Bluetooth and EDIC Hardware as instructed in Section 3.0 and Section 4.0.
- ☐ VAS 5054A plugged in to vehicle Data Link Connector (DLC), blue LED flashing.

1. Navigate to the **EDIC Configuration Manager** as follows:

- From the **Windows XP** desktop, go to:
Start > Programs > Softing D-PDU API for VCIs V1.20.XXX
- From the **Windows 7** desktop, go to:
Windows Button (Start) > All Programs > Softing D-PDU API for VCIs V1.20.XXX

2. Select **EDIC Configuration Manager**

3. With the paired VAS 5054A highlighted, click the **Gear Icon**:



Continued ...13/



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4. After the Bluetooth name and passkey are displayed, click the **Device Tab**:

5. Select and configure the **Buzzer** and **Power Off** functions as desired, then click **Apply** to save the settings and **Finish** to return to the main configuration window.

Note:

To prevent loss of communication during extended ODIS Service diagnostic sessions, we recommend the **PowerOff** function remain disabled.