Service Information

Diagnostic Device Hardware & Windows® **Number: VHW-15-10**

Subject: VAS 5054A Diagnostic Interface – Bluetooth® & EDIC Configuration **Date: Dec. 17, 2015**

Supersedes VVT-14-21 due to revised EDIC configuration processes from ODIS Service V3.0.0.

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Notes:

- *Please **read these instructions carefully and in their entirety** before performing any procedures. **If you do not understand these instructions, arrange to have a qualified person perform these procedures.***
- *Heed all prerequisite requirements and notes, and **follow all instruction steps in the Section order given**.*
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Service Information

1.0 – Introduction

This document describes the **VAS 5054A Diagnostic Interface wireless configuration processes** on eligible diagnostic laptop and tablet devices with Offboard Diagnostic Information System Service **(ODIS Service)** software.

Configuration takes place in the following stages:

- ☐ Configure **Bluetooth** connection **in Windows.**
- ☐ Configure **EDIC** connection software **with Softing EDIC Configuration Manager.**
- ☐ Confirm communication with **ODIS Service**.

Checkboxes are provided throughout this document to note fulfilled prerequisites and completed sections.

2.0 – Preparation

Prerequisites:

- ☐ *Windows 7*
- ☐ *Diagnostic device must have a functional USB functions.*
- ☐ *Device connected to A/C power adapter and booted to Windows desktop.*
- ☐ ***ODIS Service V3.0.0 or higher** installed.*
- ☐ *ODIS Service **NOT running.***
- ☐ *Diagnostic tablets mounted in base station with USB mouse and keyboard connected.*
- ☐ *Vehicle available.*

1. Ensure the wireless operation switch is turned **ON** as applicable:

VAS 6150A

(Front panel behind handle)

VAS 6150B & VAS 6150C

(Middle right side behind WIRELESS door)

VAS 6160 & VAS 6160A

(Upper left side behind SC/EX door)

2. **Note the VAS 5054A Serial Number (S#:)** from a label on back of the transmitter housing.
3. Connect VAS 5054A **to a vehicle Data Link Connector (DLC)** and **switch the ignition ON**. The blue LED on the transmitter head **must flash**.

☐ **Preparation steps completed. Proceed to Section 3.0 – Page 3**

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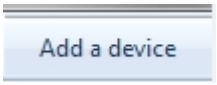
3.0 – Windows Bluetooth Configuration

3.1 – General Information

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

3.2 – Procedure

1. Click **Windows Start:**
2. Select **Devices and Printers:**

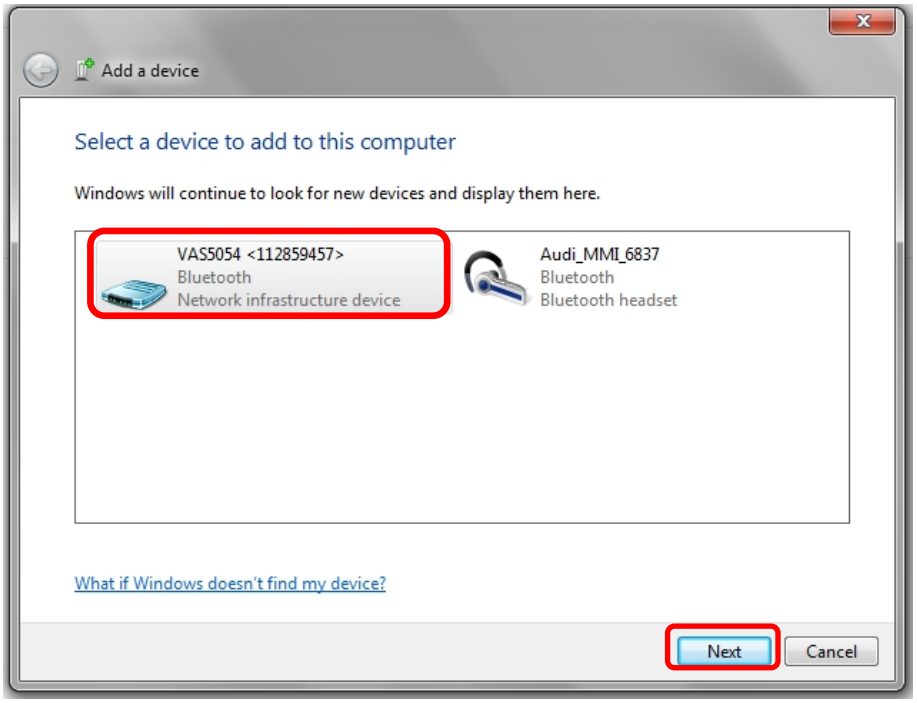
3. From the Devices and Printers window header (top left), select **Add a Device:** 

A list of available Bluetooth devices is displayed.

Note:

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

4. **Select/highlight** the **VAS5054** displayed. Confirm the number displayed between the **< >** symbols **matches the VAS 5054A serial number previously noted.**
5. Click **Next**:



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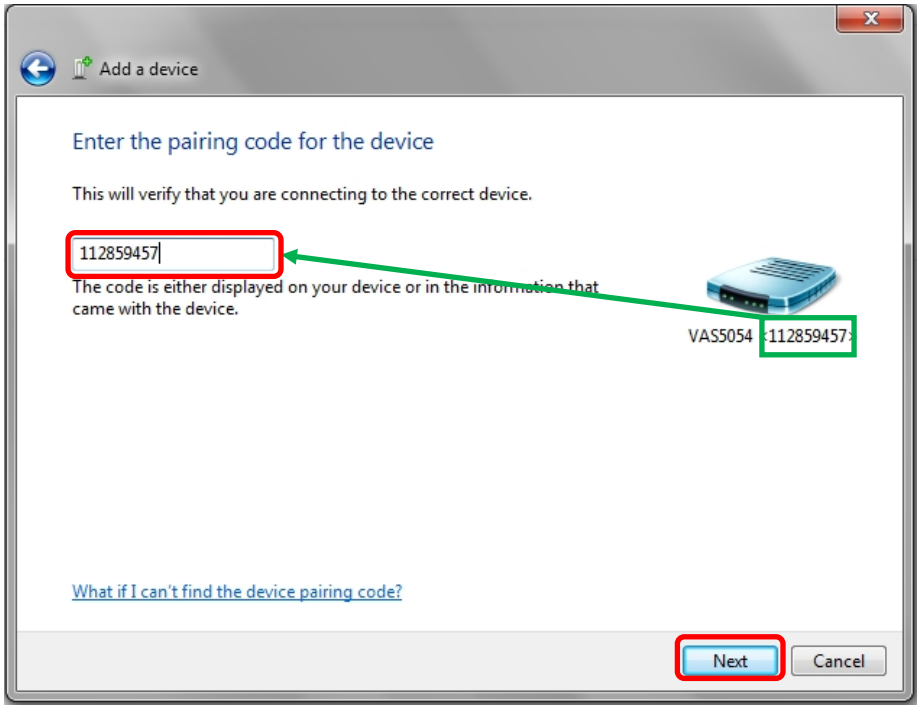
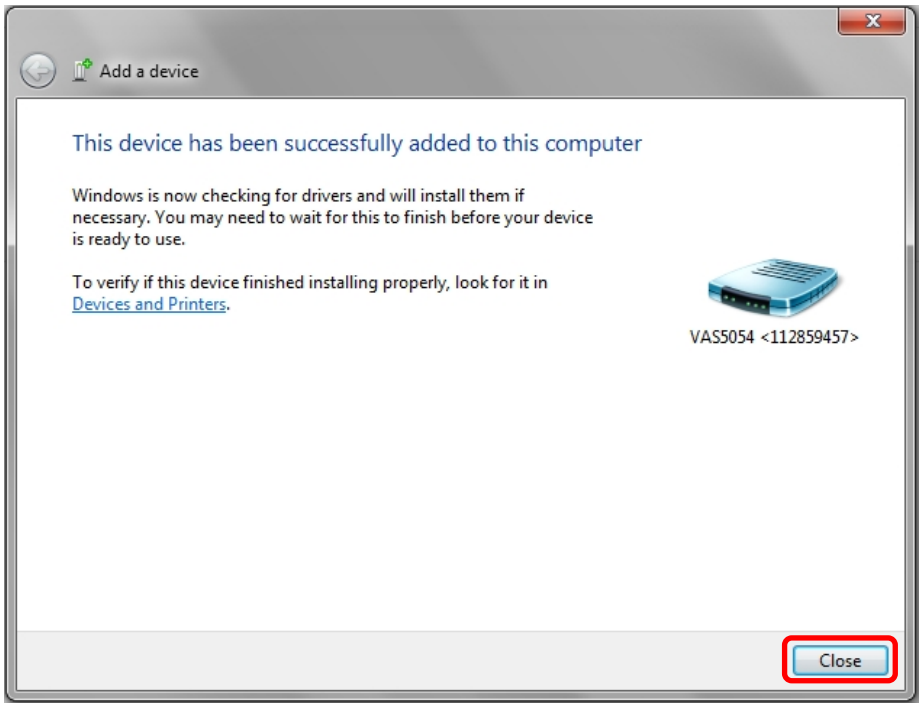
6. Carefully enter the **VAS 5054A serial number** as displayed (without **< >**) as the “pairing code”:
7. Click **Next:**



8. Click **Close:**



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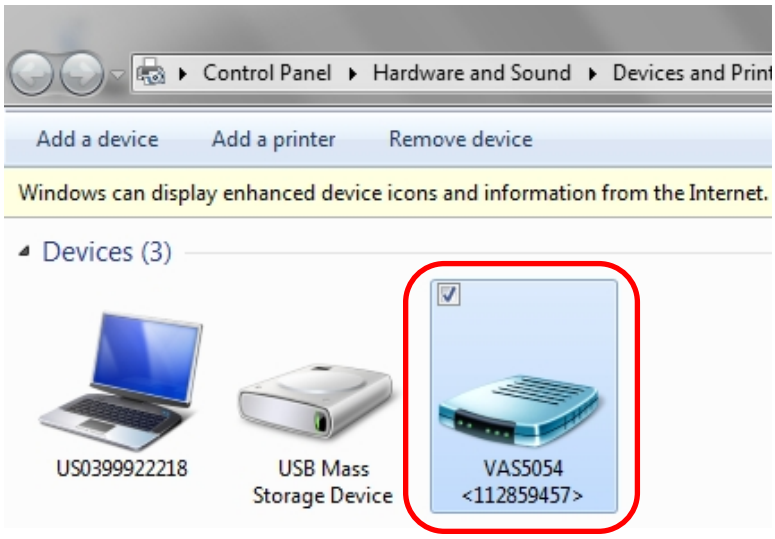
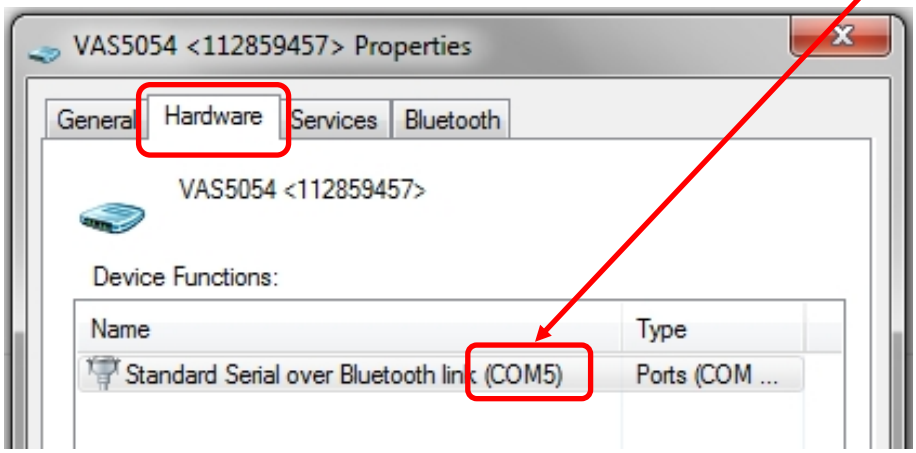
9. **Wait** a moment for the driver search and installation process to complete.

10. Return to the **Devices and Printers** window and **double-click** the newly-added **VAS5054**:



11. Select the **Hardware Tab,** and make note of the assigned **COM port number:**



Note:

The **COM port** *number illustrated is* ***an example only****!*

Each configuration is unique*, so it is important to note the COM port number assigned during* **your** *configuration.*

12. Close the **Properties** window.

☐ **Bluetooth Configuration steps completed. Proceed to Section 4.0 – Page 6**

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4.0 – Diagnostic Interface (EDIC) Configuration

4.1 – General Information

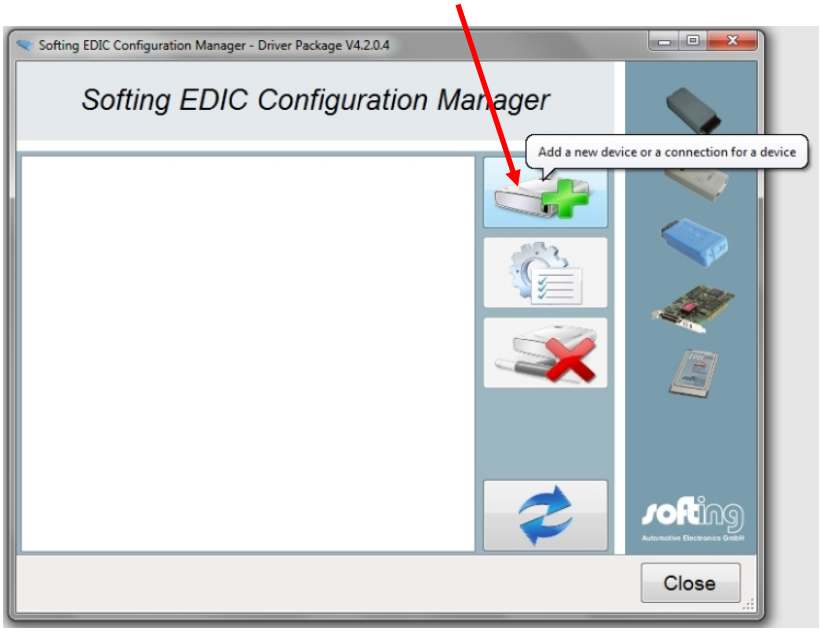
The EDIC configuration enables data to be exchanged between the Bluetooth (wireless) functions of the VAS 5054A and the ODIS Service diagnostic software.

Configuration is performed using the **Softing EDIC Configuration Manager.**

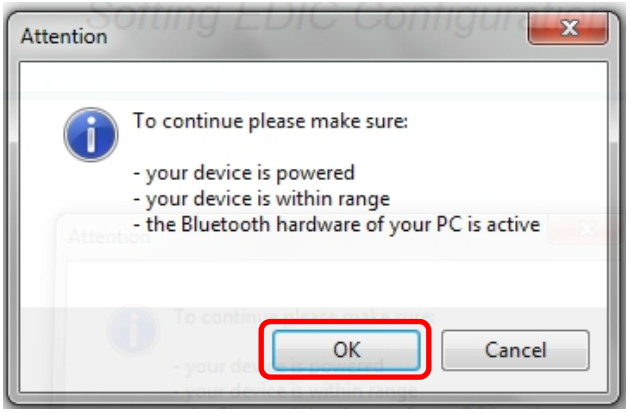
4.2 – Procedure

1. From the Windows desktop, double click the **ODIS Service Diagnostic Interface Configuration** program icon:

2. Select the **Add a new device…. icon:**



3. Confirm the conditions listed, and then click **OK:**



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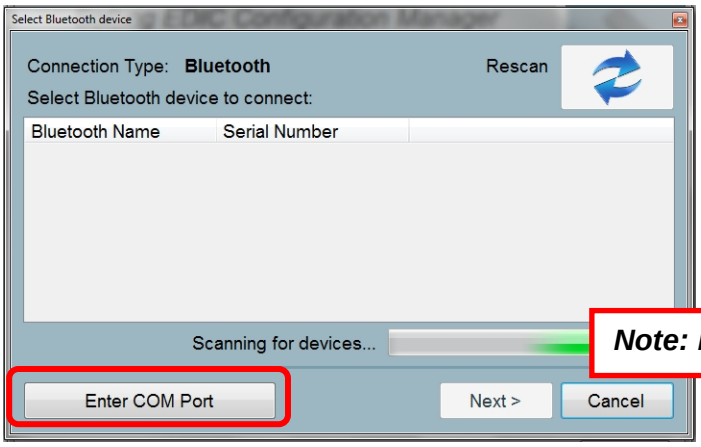
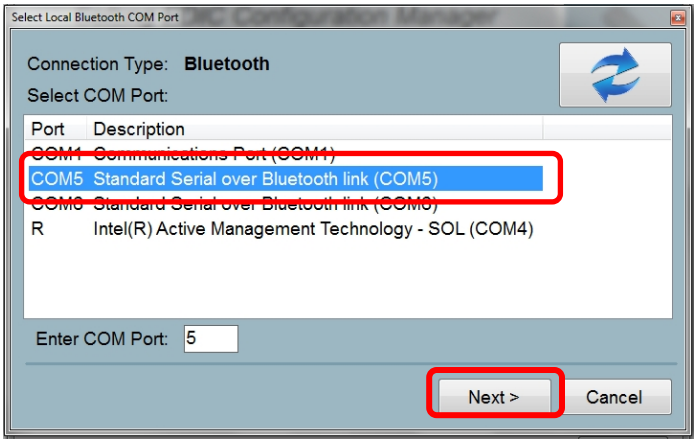
5. Select **Enter COM port:**



Note: *Ignore the* **Scanning for devices** *animation.*

4. Select the **COM Port** that matches the one noted in [Section 3.2 – Step 11], and then select **Next:**

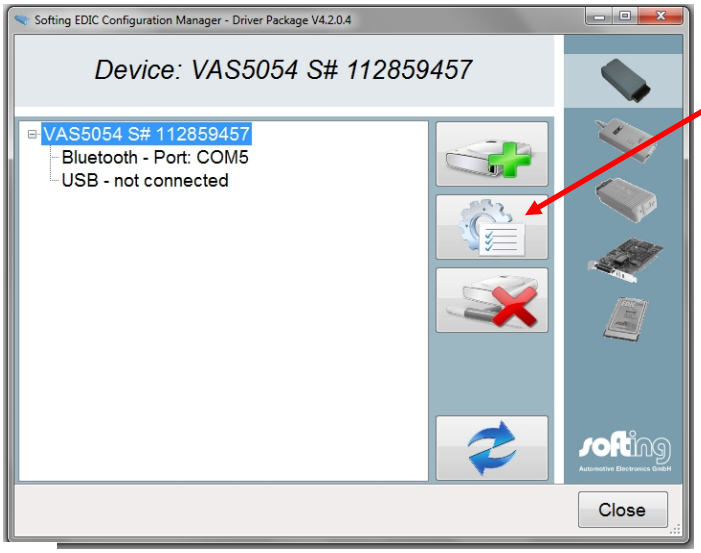


Note:

The **COM port** *number illustrated is* ***an example only****!*

Each configuration is unique*, so it is important to note the COM port number assigned during* **your** *configuration.*

5. Confirm the highlighted VAS 5054A, and then select the **Configuration Settings** (gear) icon:



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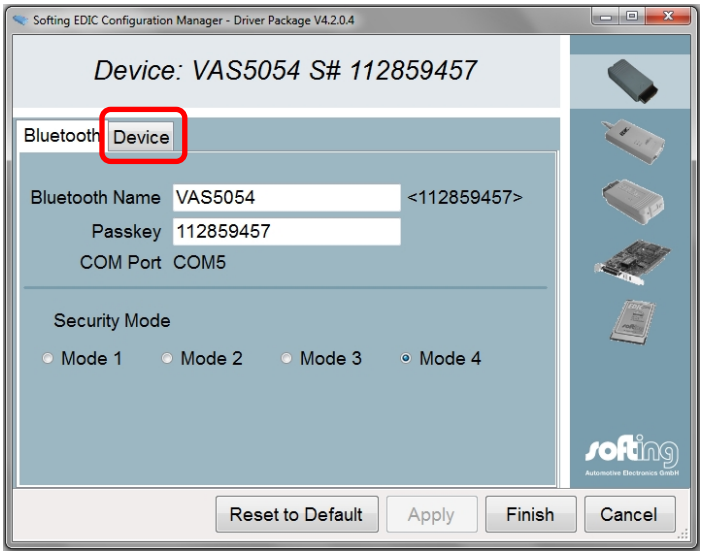
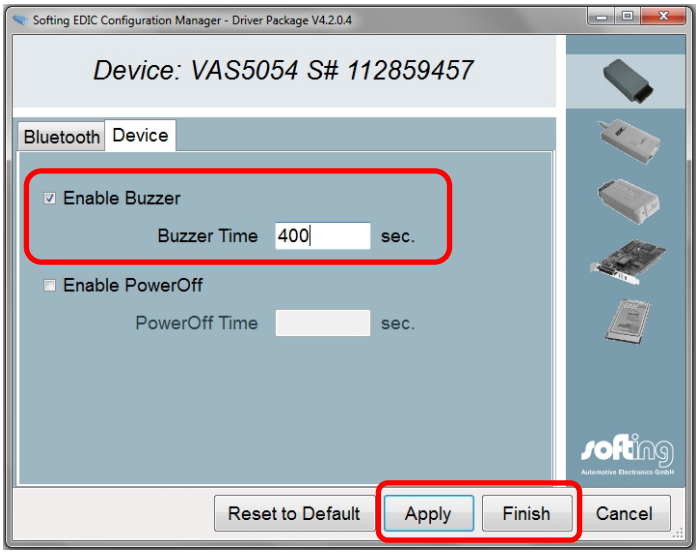
6. Click the **Device** tab:



7. **If desired**, select **Enable the Buzzer** and enter a **Buzzer Time.** Then select **Apply** and **Finish** respectively:



Notes:

- *The* **Enable Buzzer** and **Buzzer Time** *settings can be changed at any time by opening* **ODIS Service Diagnostic Interface Configuration** *and selecting the* **Configuration Settings** *(gear) icon.*
- *To prevent loss of communication during extended ODIS Service diagnostic sessions, we recommend the* **PowerOff** *function* ***remain disabled.***

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8. Select **Close:**

9. From the Windows desktop, double-click the **ODIS Service** icon:

10. Confirm that vehicle communication is established via the various **Connection Status** icons on the **ODIS Service Main / Welcome page**, and that Starting diagnosis can be initiated:

Main Page Header:

Welcome Window:

☐ **EDIC Configuration steps completed.**

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