

Service Information

Diagnostic Device Hardware & Windows®

Number: AHW-15-10

Subject: VAS 5054A Diagnostic Interface – Bluetooth® & EDIC
Configuration

Date: Dec. 17, 2015

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

Table of Contents

Section	Page
1.0 Introduction	2
2.0 Preparation - Must Read!	2
3.0 Windows Bluetooth Configuration	3
3.1 General Information	3
3.2 Procedure	3
4.0 Diagnostic Interface (EDIC) Configuration	6
4.1 General Information	6
4.2 Procedure	6

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.**
- **Discard all printed copies of this document after use.** Revised versions may be issued at any time. Always check ServiceNet for the latest version.



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](#)

3.0 – Windows Bluetooth Configuration

1.0 3.1 – General Information

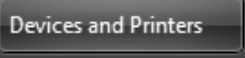
The Windows Bluetooth configuration “pairs” the VAS 5054A with the diagnostic laptop/tablet for Bluetooth (wireless) communication.

2.0 3.2 – Procedure

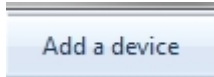
1. Click **Windows Start:**



2. Select **Devices and Printers:**



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

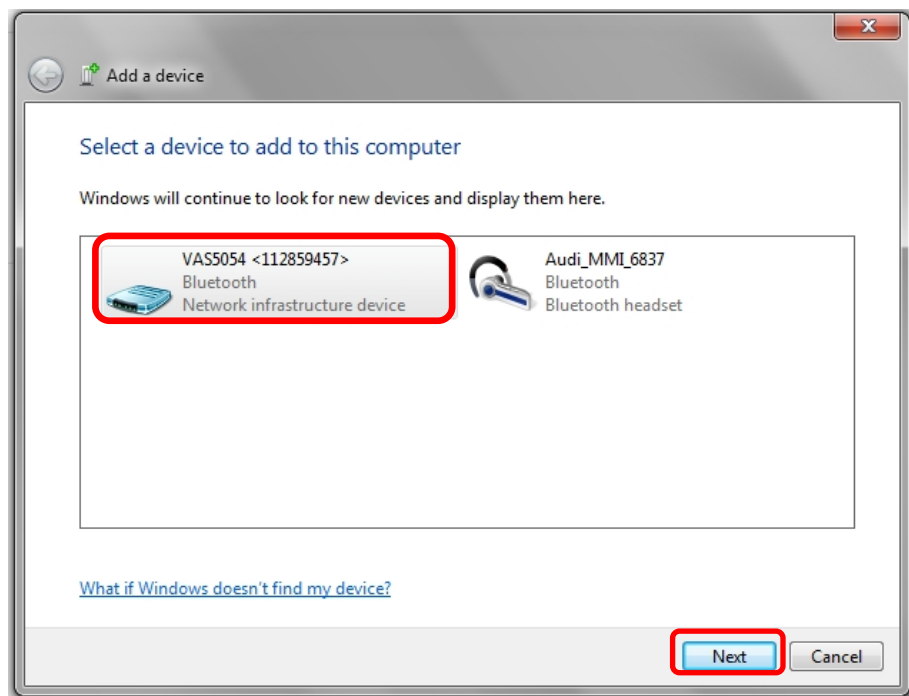


A list of available Bluetooth devices is displayed.

Note:

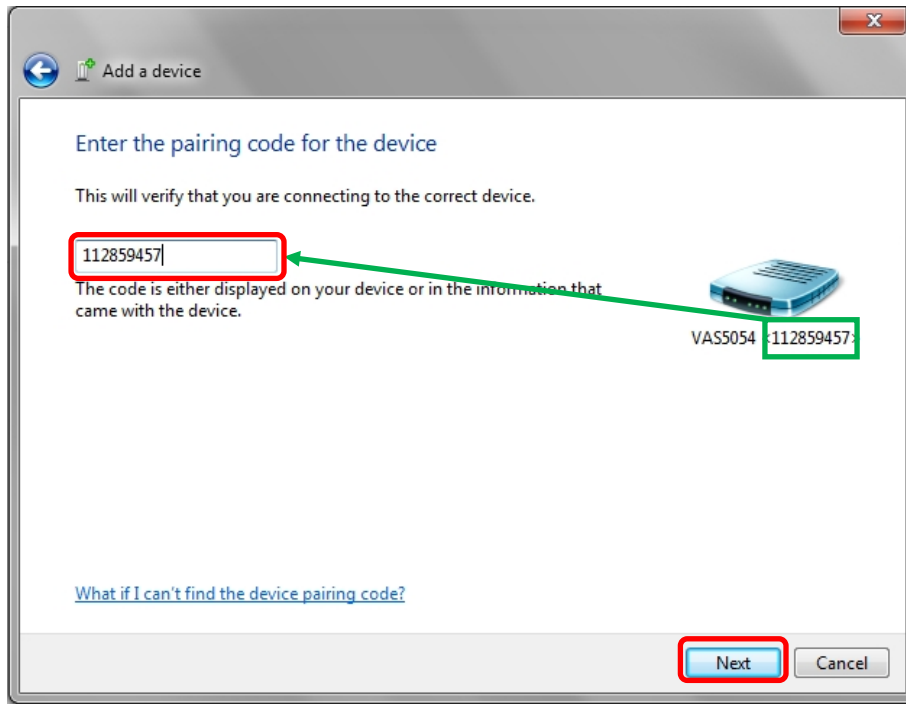
The VAS 5054A serial number shown in the following illustrations is an example only! Each VAS 5054A is assigned a unique serial number.

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

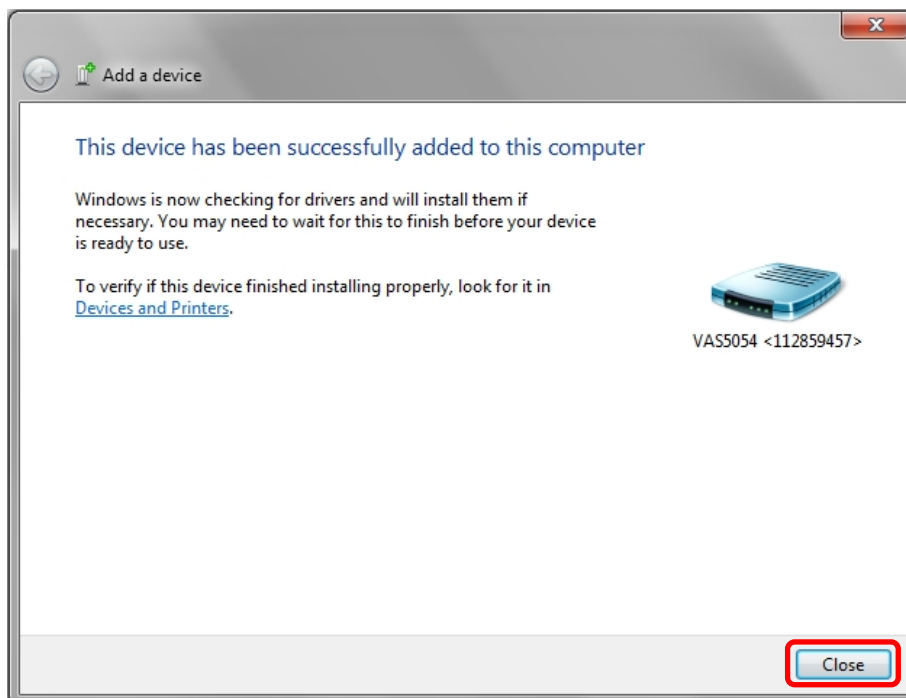


(cont.)

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

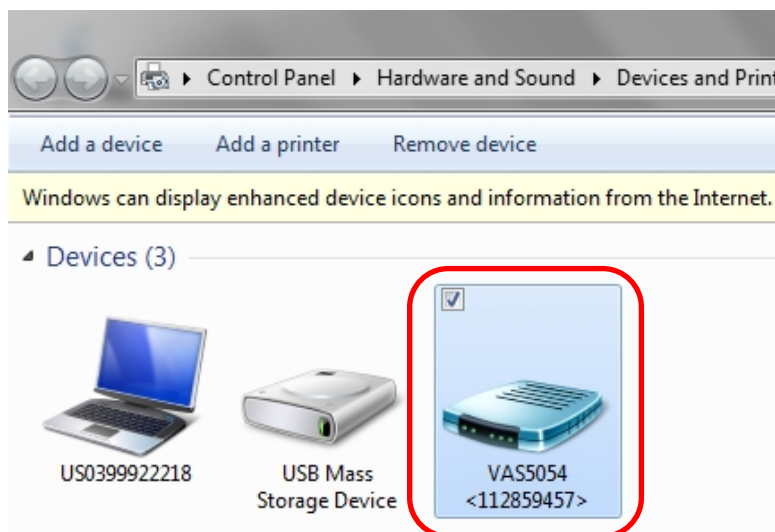


8. Click **Close**:

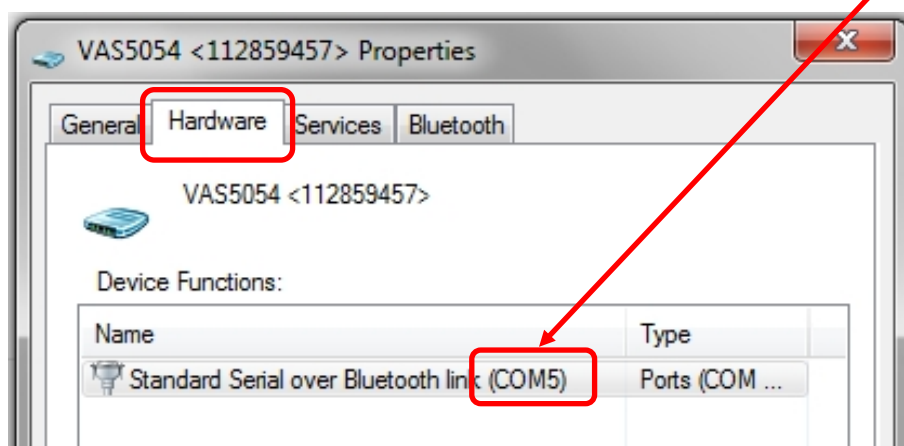


(cont.)

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](#)



4.0 – Diagnostic Interface (EDIC) Configuration

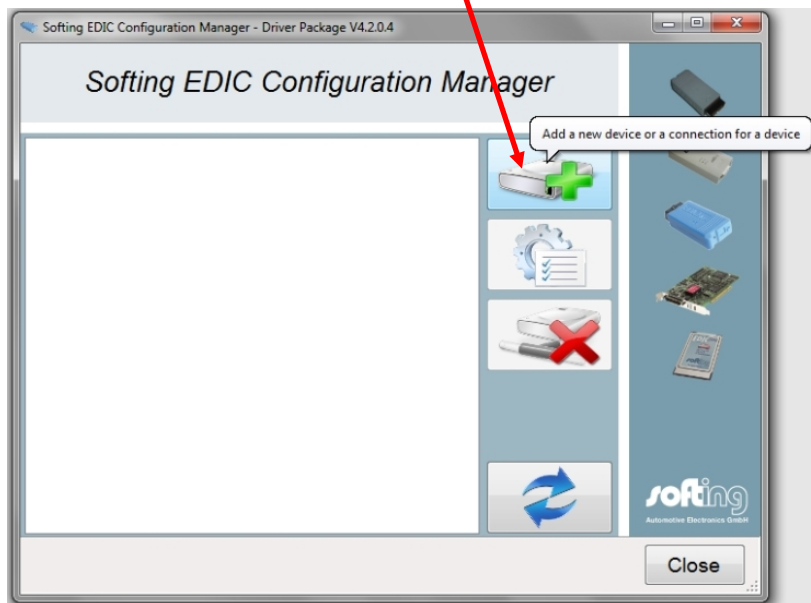
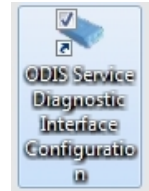
3.0 4.1 – General Information

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

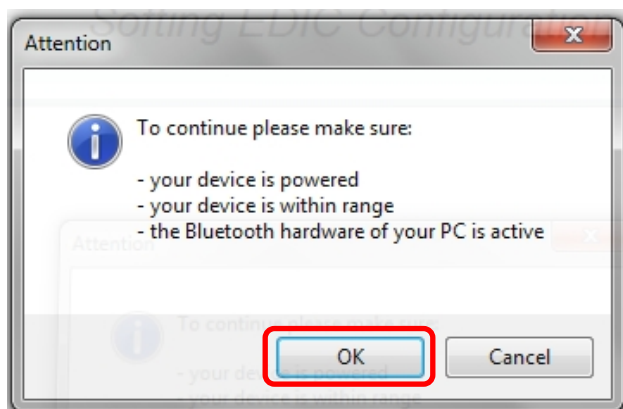
Configuration is performed using the **Softing EDIC Configuration Manager**.

4.0 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:

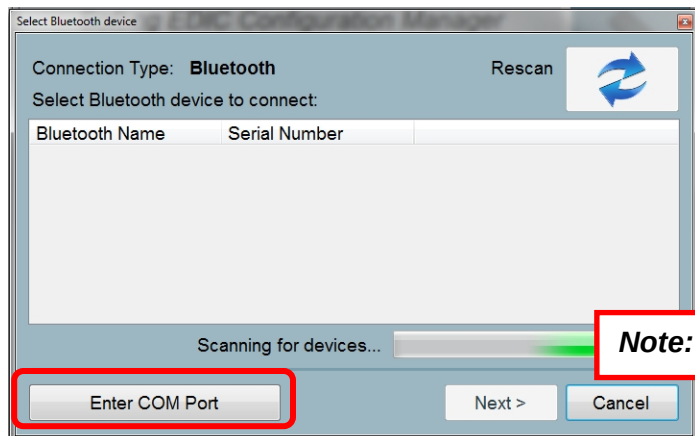


3. Confirm the conditions listed, and then click **OK**:



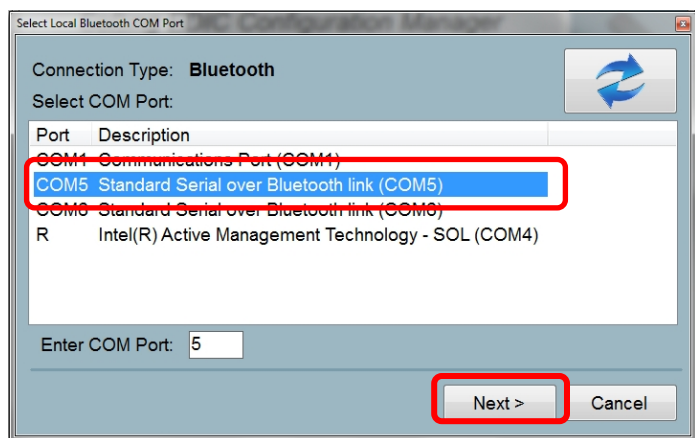
(cont.)

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!**

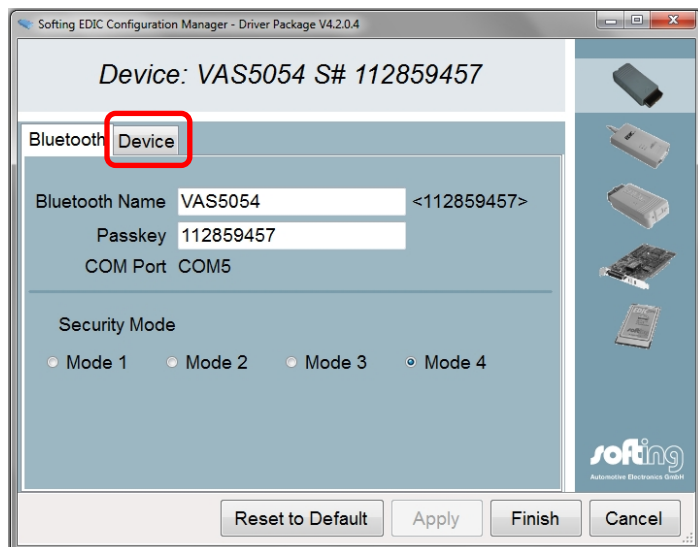
Each configuration is unique, so it is important to note the **COM port** number assigned during **your** configuration.

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

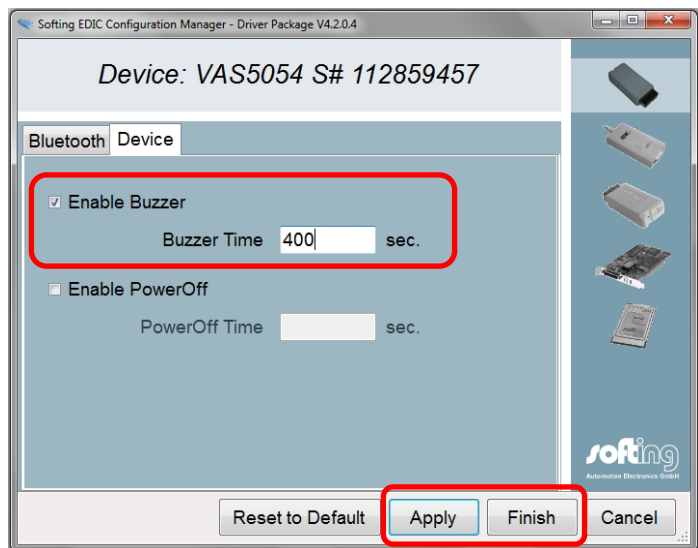


(cont.)

6. Click the **Device** tab:



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



Notes:

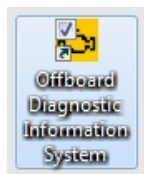
- The **Enable Buzzer** and **Buzzer Time** settings can be changed at any time by opening **ODIS Service Diagnostic Interface Configuration** and selecting the **Configuration Settings (gear)** icon.
- To prevent loss of communication during extended ODIS Service diagnostic sessions, we recommend the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

(cont.)

8. Select **Close**:

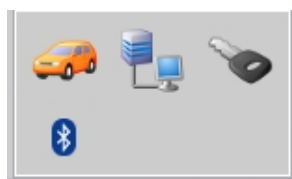


9. From the Windows desktop, double-click the **ODIS Service** icon:



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.