



VAS Tester

Number: AVT-13-07

Subject: New VAS 5054A Transmitter Head – Bluetooth® & EDIC Configuration

Date: April 05, 2013

1.0 - Introduction

Use the following procedure to perform the **initial configuration** of a **new** VAS 5054A transmitter head to a VAS diagnostic laptop or tablet device.

We suggest printing this document for use during configuration and future reference.

2.0 – Windows Bluetooth Configuration

Prerequisites:

- ☐ VAS diagnostic laptop or tablet connected to power adapter and booted to Windows desktop.
- ☐ VAS-PC Base V19.01.01 installed.
- ☐ Vehicle available.
- ☐ VAS diagnostic tester tablets: On-screen keyboard activated for number entry and USB mouse connected for easier navigation.

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

VAS 5054A Serial Number (S# :)_____

2. **Shut down VAS-PC or ODIS Service** if running.
3. Ensure the wireless operation switch is turned **ON** as applicable:



VAS 6150 & VAS 6150A

(Front panel behind handle)



VAS 6150B

(Middle right side behind WIRELESS door)



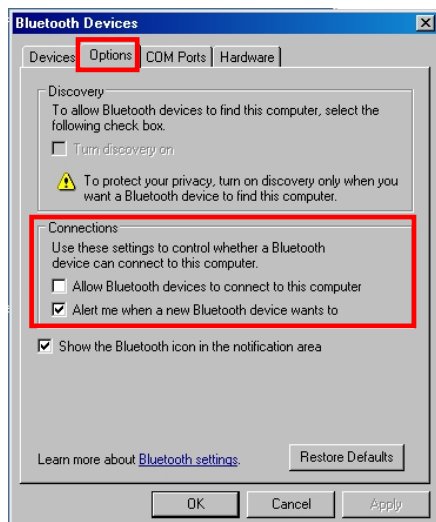
VAS 6160/VPC

(Upper left side behind SC/EX door)

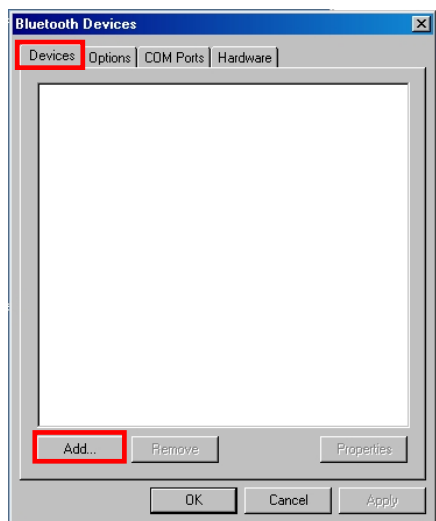
4. Connect the VAS 5054A to the vehicle Data Link Connector (DLC) and switch the ignition ON. The blue LED on the transmitter head **must flash**.
5. From the Windows desktop, go to **Start > Settings > Control Panel**.
6. Select **Bluetooth Devices** from the Control Panel menu.

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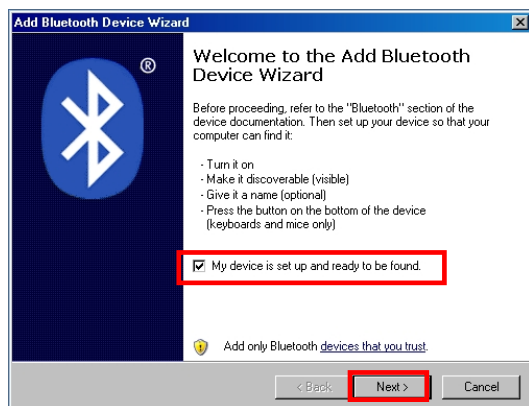
7. Select the **Options** tab: Verify that “**Allow Bluetooth devices to connect to this computer**” is **NOT** checked, and “**Alert me when a new Bluetooth device wants to**” **IS** checked (as illustrated):



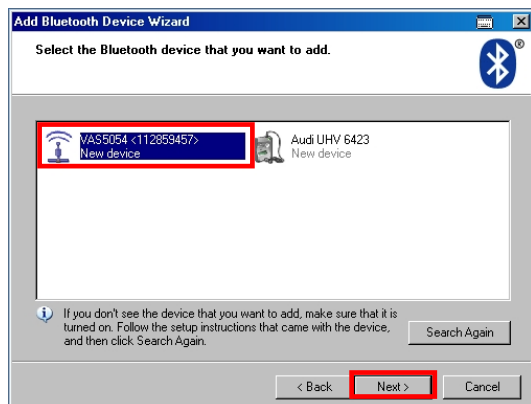
8. Select the **Devices** tab, and then click **Add**:



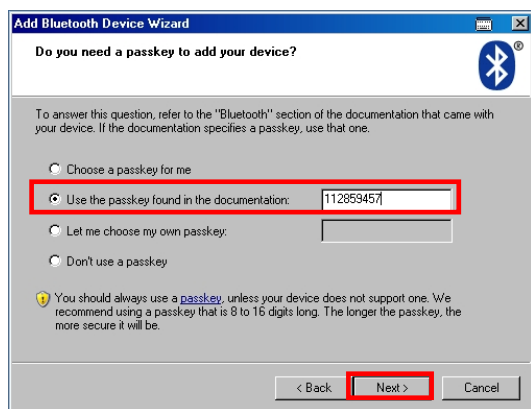
9. Check “**My device is set up and ready to be found**”, and then click **Next**:



10. Select (highlight) the 5054A, and then click **Next**:



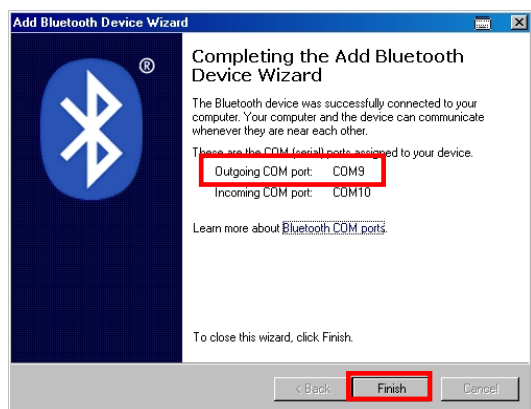
11. Select the passkey option: “**Use the passkey found in the documentation**”: Enter the **VAS 5054A** serial number recorded on **Page 1** as the passkey in the space provided, and then click **Next**:



12. Wait while Windows configures the Bluetooth connection.

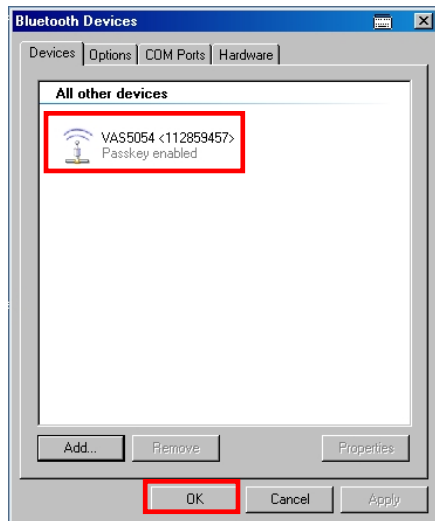
13. Record the **Outgoing COM port** assigned to your device in the space below, and then click **Finish**:

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.



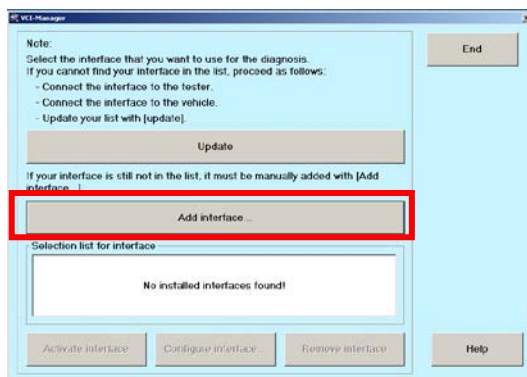
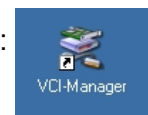
Outgoing COM port:

14. The VAS 5054A now appears in the Bluetooth Devices window. Click **OK**:

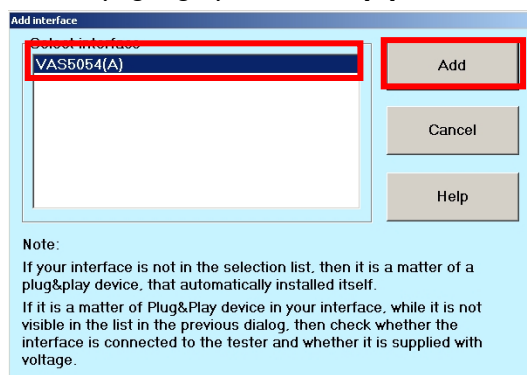


3.0 – EDIC Configuration via VCI Manager

1. From the Windows desktop, double click the **VCI-Manager** program icon:
2. Click **Add interface**:

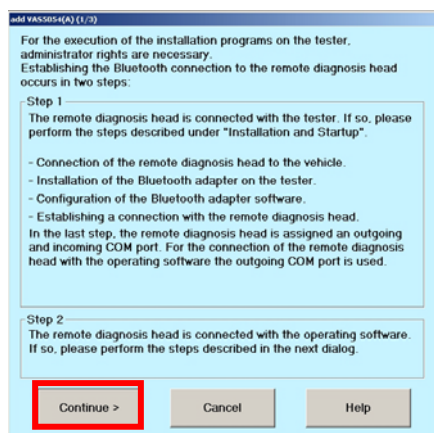


3. Select (highlight) **VAS5054(A)**, and then click **Add**:

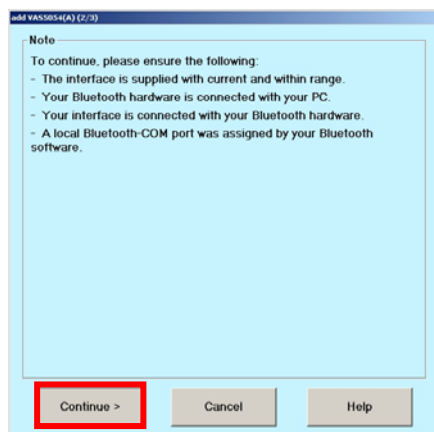


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4. Click **Continue**:



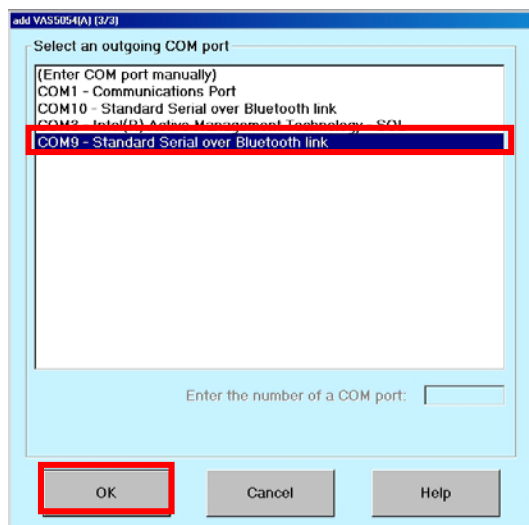
5. Click **Continue**:



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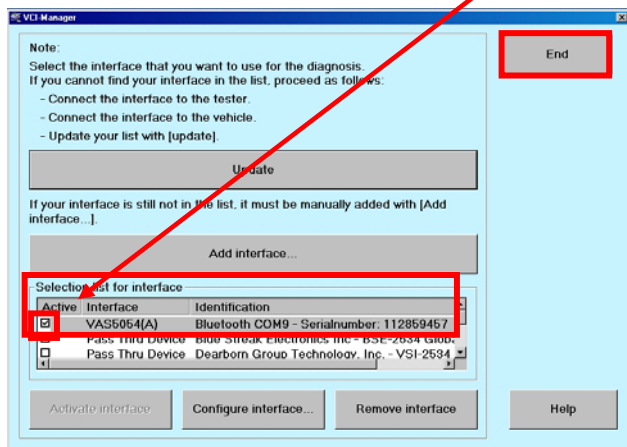
6. Select (highlight) the **outgoing COM port** as recorded on **Page 3 – Step 13**, and then click **OK**:

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 during **your** configuration.



The configured VAS 5054A and assigned COM port appears in the **Selection list for interface** display.

7. **Ensure the VAS 5054A appears checked as Active**, and then click **End**:



8. From the Windows desktop, start **VAS-PC** or **ODIS Service**.
9. Initiate a diagnostic function (VSD, GFF etc.) and confirm vehicle to diagnostic device communication.
- The VAS diagnostic device can now be placed into service with its configured VAS 5054A.**

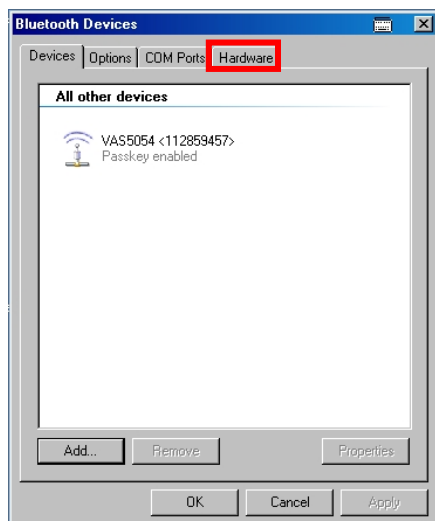
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4.0 – Bluetooth Power Management

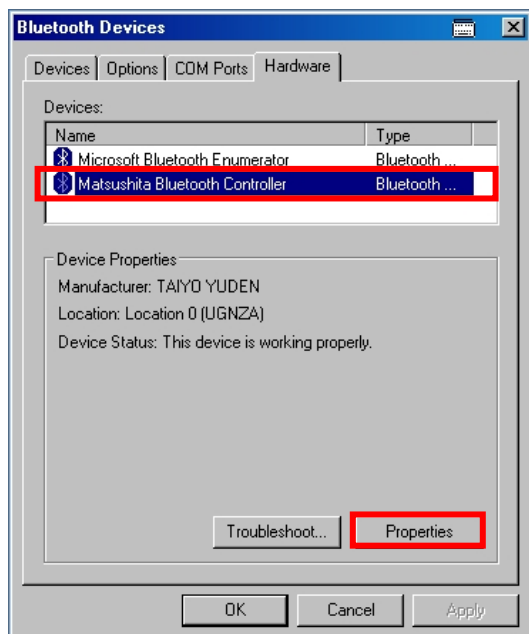
The Windows Bluetooth software on some VAS diagnostic laptops and tablets may use a power management feature.

To ensure uninterrupted communication between VAS diagnostic devices and their VAS 5054A, we recommend the power management feature be checked **and disabled if present** using the following procedure:

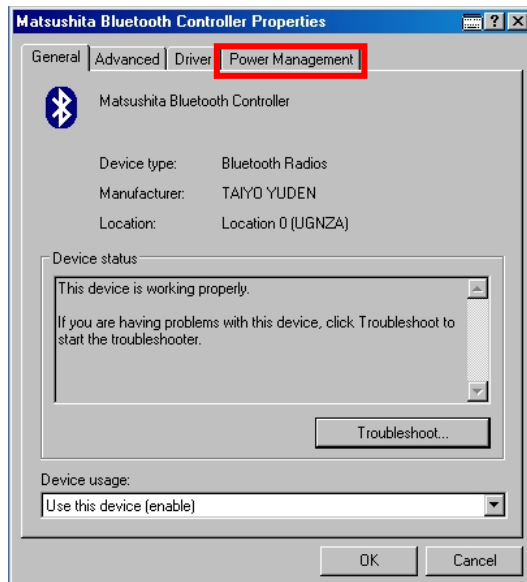
1. From the Windows desktop, go to **Start > Settings > Control Panel**.
2. Select **Bluetooth Devices** from the Control Panel menu.
3. Select the **Hardware** tab:



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



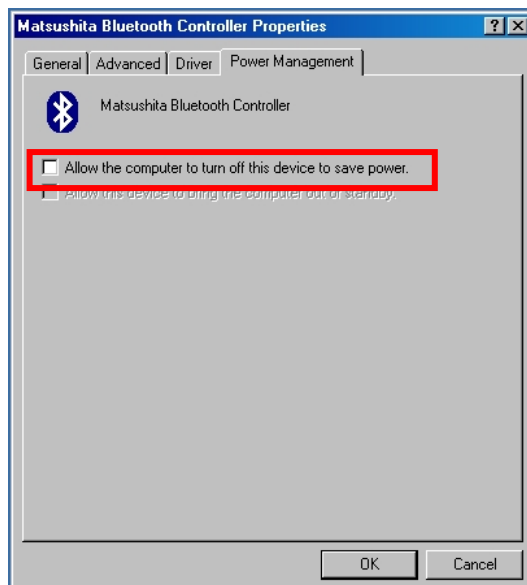
5. If the **Power Management** tab is present, select it:



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.

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



7. Close the Control Panel window.