



Das Auto.

Service Information

VAS Tester

Number: VVT-14-22

Subject: VAS 5054A Transmitter Head - USB Configuration - ODIS Service Only Date: Sept. 25, 2014

Supersedes VVT-14-03. References to Windows® XP and non-current diagnostic devices deleted.

Table of Contents

Section	Page
1.0 Introduction	1
2.0 Preparation - Must Read	2
3.0 USB Configuration	2
3.1 General Information	2
3.2 Procedure	2
4.0 USB Function	3

1.0 – Introduction

If a VAS diagnostic device is used to perform **Software Version Management (SVM)** or **immobilizer adaptation**, it is necessary to connect a USB cable between the device and their Bluetooth® (wireless) matched VAS 5054A Transmitter Head. This ensures uninterrupted data transfer.

Use the procedures in the following sections to initially configure a VAS 5054A Transmitter Head for USB (cabled) operation on VAS diagnostic devices with **Windows 7** and **Offboard Diagnostic Information System Service (ODIS Service) ONLY**.

ATTENTION!

Attempting to use the USB cable without **first performing the initial USB configuration** may cause the diagnostic device operating system to “lock up”, which requires a forced, manual restart and loss of the diagnostic log.

Notes:

- *The following procedure must be performed by qualified personnel only!*
- *Please read these instructions in their entirety before performing these procedures. If you do not understand these instructions, ask your dealership Systems Administrator or IT Professional for assistance.*
- *Discard all printed copies of this document after use. Revised versions may be issued at any time. Always check ServiceNet for the latest version.*



Das Auto.

Service Information

2.0 – Preparation

Prerequisites

- ☐ VAS diagnostic device connected to power adapter and booted to Windows desktop.
- ☐ **Windows 7 operating system.**
- ☐ **The latest version of ODIS Service installed and configured.**
- ☐ **VAS-PC NOT installed.**
- ☐ ODIS Service not running during configuration.
- ☐ VAS 5054A previously configured for Bluetooth operation.
- ☐ VAS 6160/A: USB mouse connected for easier navigation.
- ☐ Vehicle available.

1. Switch the wireless operation switch to the **OFF position** 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)

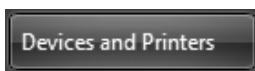
3.0 – USB Configuration

3.1 – General Information

USB configuration is an **initial, one-time procedure** that installs the drivers that enable USB cable communication with the VAS diagnostic device. Once configured, the USB cable can be used at any time.

3.2 – Procedure

1. Connect the VAS 5054A to a vehicle DLC to establish power supply.
2. Connect the USB cable between the VAS 5054A and the USB 2.0 port on the diagnostic device.
3. Windows detects and installs the necessary drivers automatically. No user intervention is necessary.
4. Click **Windows Start:** 
5. Select **Devices and Printers:**



6. Verify VAS5054 appears as **Unspecified (1):**



Note: VAS5054 is displayed in **Devices and Printers (Unspecified)** only when connected to a vehicle DLC.



Das Auto.

Service Information

4.0 – USB Function

Before performing SVM or adaptation with ODIS Service in USB (cabled) mode, **always:**

1. Begin with ODIS Service **NOT** running
2. Move the wireless switch to the **OFF** position.
3. Connect a **network Ethernet cable** to the diagnostic device. We do not recommend performing SVM or adaptation on a wireless network.
4. Connect the VAS 5054A to the vehicle DLC to establish power supply.
5. Connect USB cable between the VAS 5054A and a USB 2.0 port on the diagnostic device.
6. Start a **new ODIS Service diagnostic session** and commence with SVM or adaptation **through to completion of the procedure, and completion of any subsequent, additional diagnostics that may be needed.**

To resume Bluetooth (wireless) operation, **always:**

1. Conclude the previous diagnostic session.
2. Disconnect the USB cable between the transmitter head and diagnostic device.
3. Remove the transmitter head from the DLC.
4. Move the wireless switch to the **ON** position.
5. Connect the transmitter head to the DLC of the new vehicle.
6. Start a **new ODIS Service diagnostic session** in Bluetooth (wireless) mode.