



USB Vag-Com Compatible Cable

Compatible Vehicles

Works on OBD2 VW, Audi, Seat and Skoda vehicles.

Does not work on **CAN-BUS vehicles**. Email sales@alpha-bid.com for information on CAN-BUS.

Some US model VW/Audi Application Charts: www.ross-tech.com/vag-com/cars/applications/index.html

Compatible Software

- ▶ Vag-Com from www.ross-tech.com (*See installation instructions below).
- ▶ "Lemmiwinks" from Revo Technik (www.revotechnik.com). Download sites: www.ecodetuning.com/revo/Lemmiwinks.exe or www.unixprohost.com/Lemmiwinks.exe
- ▶ "Vag PC Diagnosis" from Glindemann. ([Www.eichstaedt-elektronik.de/start.htm?Werkstatt/Geraete/Bordcomputerdiagnose/VAG](http://www.eichstaedt-elektronik.de/start.htm?Werkstatt/Geraete/Bordcomputerdiagnose/VAG))
- ▶ "VW-Tools" from Euroscan (www.euroscan.hu/vwt_demo.html)
- ▶ "Vehikel Erkunder". (www.obd-2.de/downve.html)
- ▶ "GIAC Mobile Tuner". (www.giacusa.com/giac_mobile_tuner.php)

Vag-Com Software Installation

Free Vag-Com Software: <http://www.ross-tech.com/vag-com/download/archives.html>

- ▶ Select 'Release 409.1', 'For the Twin-USB Interface'.
- ▶ **Do not use** 'USB driver instructions' on that page. **Install our driver below.**
- ▶ Note: the 'Vag-Com User Manual' is at the bottom of the web page.

Optional Full Featured Version: http://www.ross-tech.com/Merchant2/merchant.mvc?Screen=CTGY&Category_Code=SWR

- ▶ This is available to purchase direct from www.ross-tech.com for \$99.

Driver Installation

Note: These instructions are for Windows XP (which we recommend). Installation under Windows 98/ME/2000 is similar, but not necessarily identical.

Download the Driver Files here:

<http://www.alpha-bid.com/media/Product-Pics/VAG-USB/UsbVagComDriver.rar>

- ▶ **If your version of windows does not 'unzip' the driver**, it does not support the '.rar' format. **Enable** the '.rar' format by clicking here: <http://www.alpha-bid.com/media/Shared-Pics/Winrar3.5.exe>
- ▶ It is recommended that you save it in its own folder on your computer for future use.
- ▶ Run the file called '**Install.exe**' in the 'USB Vag-com' folder.
- ▶ When prompted, plug the cable into a USB port on your computer.
- ▶ The 'Found New Hardware Wizard' will start and ask 'Can Windows connect to Windows Update to search for the software?'. Select '**Yes**'.
- ▶ Then select 'Install the software automatically'.
- ▶ After the install, select 'Finish'
- ▶ The 'Found New Hardware Wizard' will start once again as **there are 2 drivers** for this cable.
- ▶ Go through the same steps as above to install this driver.

***Alternate Driver:** If you have trouble, try this driver: www.ftdichip.com/FTDrivers.htm

Determine the correct 'Port' setting

Open the Device Manager and determine which 'COM Port' number the cable is using. This is the COM Port number you will use when you perform the 'Test' in the Vag-Com software:

- ▶ Plug the Vag-Com Cable into an available USB port on your computer.
- ▶ Now open the 'Device Manager' by opening the 'Control Panel', click the 'System' icon, click the 'Hardware' tab, click 'Device Manager'.
- ▶ In the Console Tree, double click 'Ports (COM & LPT)'
- ▶ Verify that the device 'USB Serial Port' has its own COM Number and that this number is not in use by another device. If you need to change it, double click the device, click the 'Port Settings' tab, click 'Advanced', then change the 'COM Port Number'.
- ▶ Make a note of the COM Port number which you will use when you perform the 'Test' in the Vag-Com software.

Test the COM Port with the Vag-Com Software

- ▶ Plug the cable into the computer **and** into your vehicles socket. **Turn the ignition on.**
- ▶ Start the VAG-COM software.
- ▶ Click the 'Options' button.
- ▶ In the 'Select COM Port' box, select the 'COM Port' number that the device uses as displayed in the Device Manager. ***The USB option is only available for Ross-Tech made USB Cables.**
- ▶ Click the 'Test' button. It should display 'Interface Status: Found!'.

If this test is not successful check the following:

- ▶ Other software or devices using USB ports or the that same COM Port could be conflicting. To troubleshoot, uninstall the suspected software or device.
- ▶ It will not work on vehicles running on the CAN-BUS System.
- ▶ The cable must be plugged into the vehicle with the ignition on.
- ▶ Try testing the cable with each COM Port from 1-4 in Windows Device Manager.
- ▶ Check that the driver is installed and configured as outlined above.

Troubleshooting *Solutions to the most common problems.

- ▶ First, make sure all directions above for installing driver files and configuring the COM Port were performed.
- ▶ Make sure your using software Version 311.2 or 409.1 from <http://www.ross-tech.com/vag-com/download/archives.html>. Install '**For the Twin-USB Interface**'
- ▶ Make sure your using the item on a VW, Audi, Skoda or Seat vehicle.
- ▶ Service Pack 1 for Windows 2000 adversely affects VAG-COM's ability to do real-time and makes communications with some controllers unreliable. If using Windows 2000 with Service Pack 1, you should apply Service Pack 2 or Service Pack 3.
- ▶ If when you try to connect to a control module, it won't connect or you get the error message '**Can't Synch Baud Rate**', go to the *Options Screen* and try setting the **Start Baud** to 9600. If 9600 doesn't work, also try 4800 and 1200. Turn the car's ignition OFF and back ON after each failed attempt to connect! Also verify that the controller exists on the vehicle.
- ▶ If you have installed the Vag-Com Software more than once or installed a different version without uninstalling the previous, it could conflict. The best way to eliminate this is to uninstall all Vag-Com Software, preferably with an uninstall program such as Norton. Then re-install the software.
- ▶ As a last resort, this solution has been known to get it working; remove and uninstall all unnecessary devices and hardware from the PC. Eg-modems, printers or other USB devices. Uninstall all Vag-Com software as well. Re-install the Vag-Com software and cable drivers. This will determine if there is a device that is conflicting with the Vag-Com software.
- ▶ Ross-tech has further info and troubleshooting:
Common Diagnostic Procedures: <http://www.ross-tech.com/vag-com/cars/index.html>
Other known issues: <http://www.ross-tech.com/vag-com/issues.html>