



1. Kit contents

The Luccio USB interface cable Kit contains the following items:

- USB Interface cable with A-type connector
- Virtual COM Port Drivers on CD-ROM
- This User guide on CD-ROM



2. Installing Drivers

The CD-ROM included with the Luccio USB interface cable Kit contains the virtual COM Port Drivers for the Luccio USB Interface.

The following items are included on the CD-ROM:

- Installation menu as HTML page
- USB interface cable User Guide (this document)
- Driver utilities for the USB to UART conversion
- Latest version of the interface program

2.1 Virtual COM Port Drivers Installation Windows 2000/XP

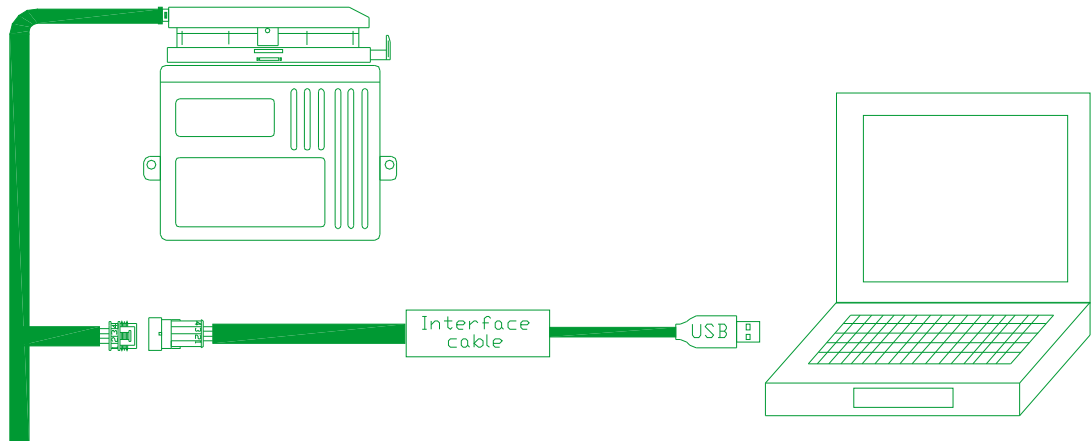
Follow these steps to install the Windows 2000/XP Virtual COM Port Driver

1. Insert the CD-ROM into the reader of your PC.
2. Press "**drivers**" (Step 2) to install the drivers.
3. Follow the instructions on screen.
4. Connect the USB interface cable to your PC.
5. Your computer will recognize the interface cable and tell you that the hardware is ready for use..



3. Hardware USB Interface cable

The Luccio USB Interface cable is connected between the PC and Gas-ECU as shown in Figure 1.



4. Software USB Interface

Once connected to a USB port as described in section 3, the interface cable will appear as a COM port (Luccio USB Interface) in the Device Manager. The interface cable will always use the lowest available COM port for operation. For instance, if COM ports 1 thru 3 are in use by other peripherals and applications, the interface cable will use COM 4.

HOW DO I SEE WHICH COM PORT NUMBER HAS BEEN GIVEN TO THE CABLE?

- Go to **"Start"** and open the **"Control panel"**
- Press **"System"** (classical view)
- Press **"Device Manager"** on the page **"Hardware"**
- Unfold the section **"Ports (COM & LPT)"** by pressing the **"+"**.
- In the given list you will find the **"USB Serial Port"** with a given COM port number (in case the USB-interface is connected to your PC).

If a higher number than COM 9 is given to the **"USB Serial Port"** the Luccio Interface Program will not be able to establish a connection with the ECU. In this case you need to modify the COM-port number to a lower one (max. COM 9). You can change these settings in the advanced settings of the COM-port.

HOW DO I CHANGE THE COM_PORT NUMBER?

- Press with your right button on **"USB Serial Poort"** and choose **Properties**.
- Open the page **"Port settings"** and press **"Advanced settings"**
- Change the **COM-port number** and press **"OK"**

The interface cable functions identically to a COM port from the reference point of both the PC and Gas-ECU and it can support serial device control requests defined in the Microsoft Win32® Communications API.