(Idiots) Guide to installing and running Elanscan on Windows 10

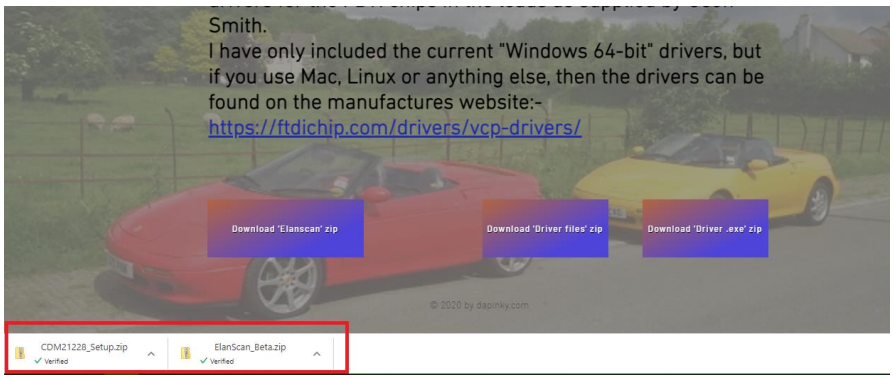
Plug USB interface lead into any available port in the computer.

You will get a message popup to say that ‘new hardware – 3.3v serial’ (or something similar) is detected and being installed…. Allow it to do so until it tells you that the device is ready.

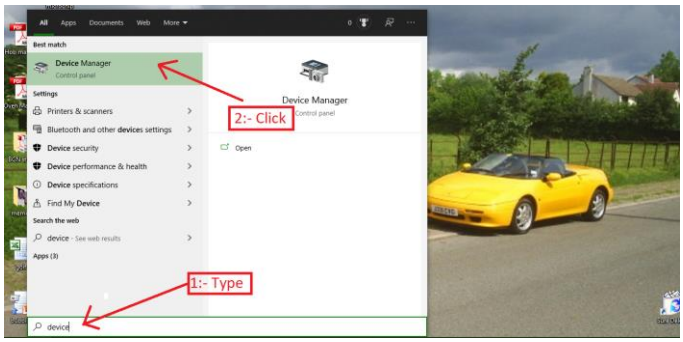
Go to the ‘Manuals’ tab at the top of any LEC Forum page (only visible if you are logged in!), and open the associated website. Scroll down to “Elanscan” and click the link.

It will open a new window, where you can then click on the Elanscan.zip and the Driver setup links.

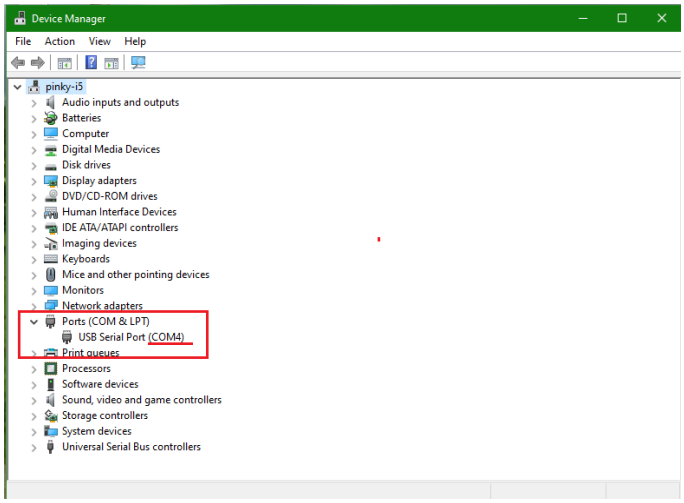
These 2 files will then appear in your ‘Download’ folder, but can be opened from the browser screen whilst you’re there. Click on the ‘Driver setup .zip’ and follow the on-screen prompts to install the up to date drivers. They will overwrite the ones installed by Windows, automatically, to suit the chip in the actual lead.



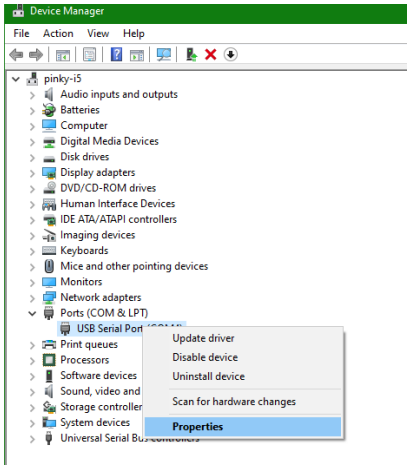
Go to ‘Device Manager’ (type it into the search box and click to open)



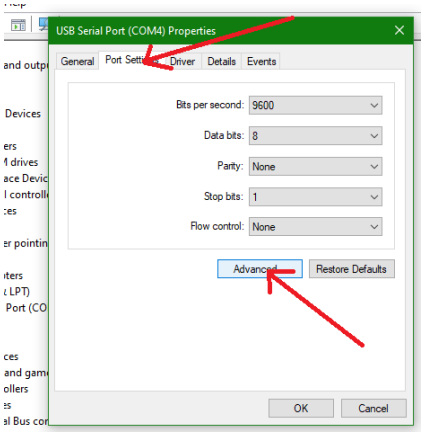
Click to open the ‘Ports (COM & LPT)’, and it will open the drop-down to show ‘USB Serial Port’…. Note what number COM it allocates to the lead (in this case, COM4).



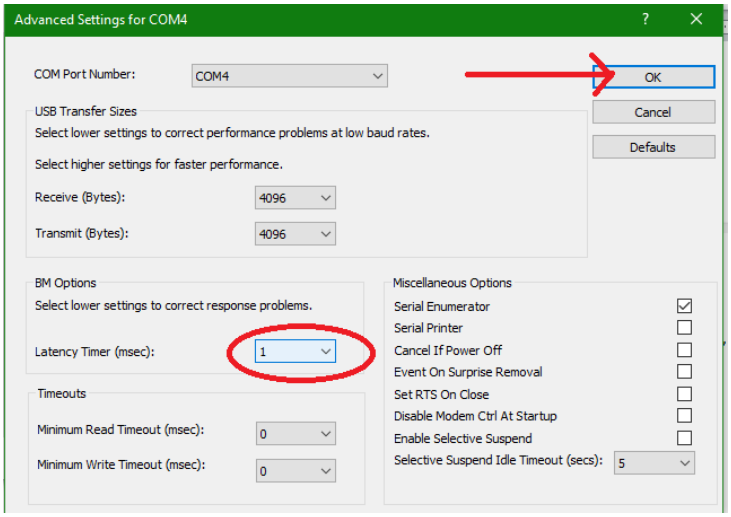
Right click the USB Serial Port, and click ‘Properties’



Click ‘Port Settings’ tab, click ‘Advanced’

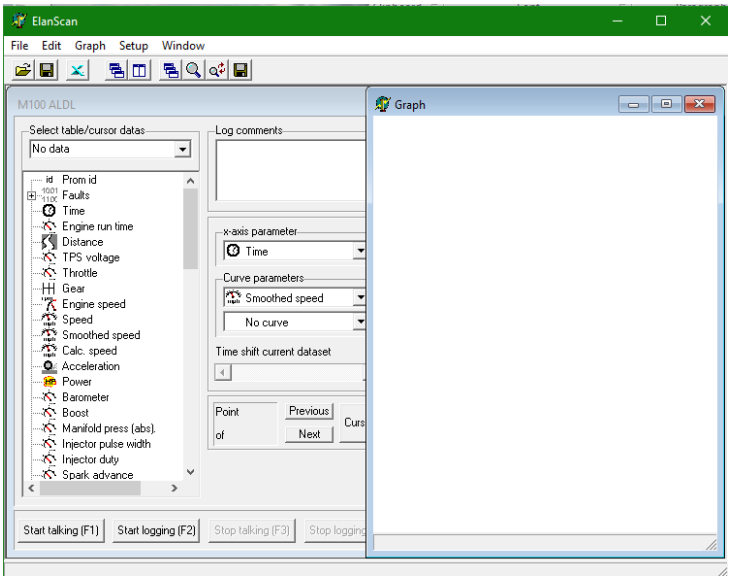


Change the ‘Latency Timer’ to 1ms, then click ‘OK’

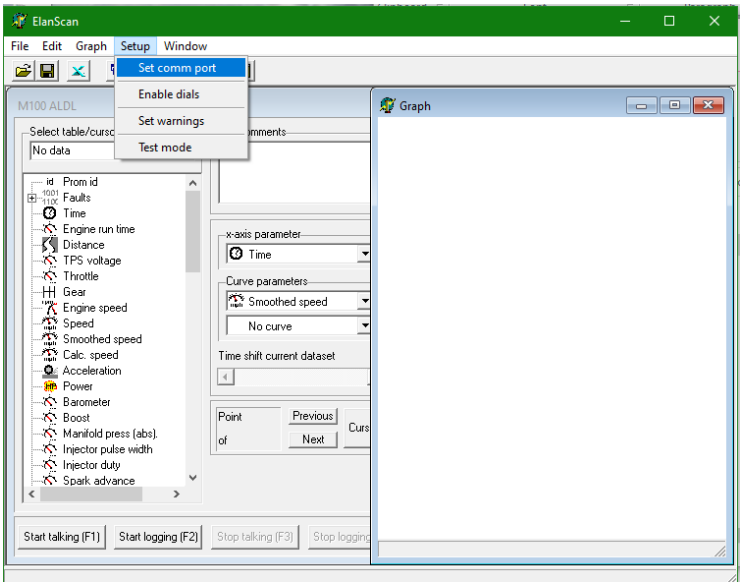


Click ‘OK’ on the screen. Job done – close the ‘Device Manager’.

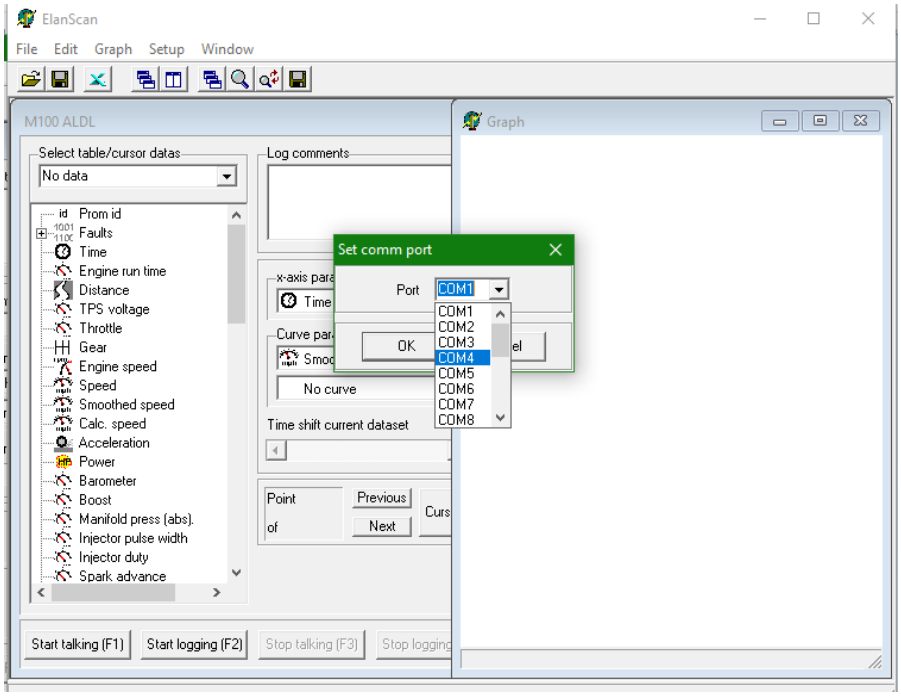
Go back to the browser (or your ‘Download’ folder), and click on the ‘Elanscan.zip, it will open up a window like this.



Click ‘Setup’ tab, click ‘Set COM Port’



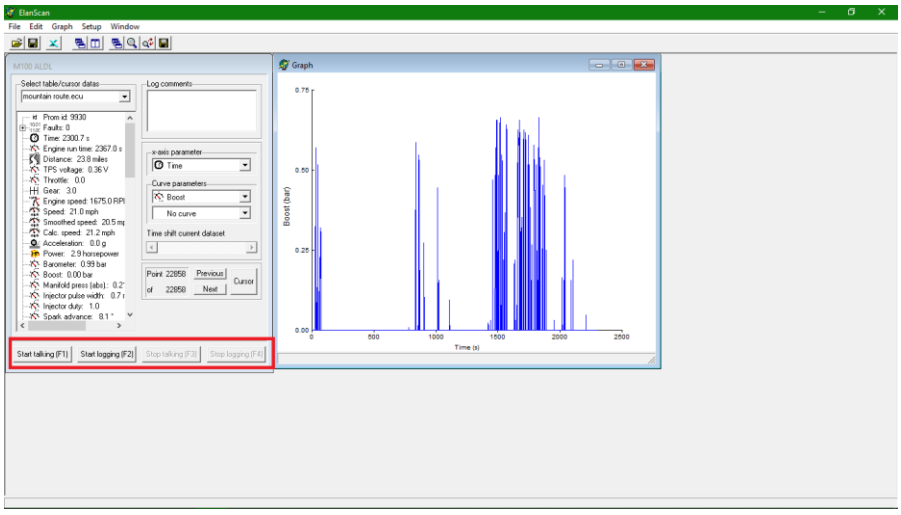
Select the Port that you noted in ‘Device Manager’, then click ‘OK’.



You are now ready to attach the lead to the OBD port behind the glovebox.

When connected, switch the ignition on and click ‘Start Talking’, then ‘Start logging’.

This will give you readings for the PROM I/D, engine sensors at rest etc etc.



Start the engine, and the values will change accordingly. Select whichever parameters you wish to evaluate on the ‘Y’ axis, and they will plot against ‘Time’ on the ‘X’ axis (unless you want to compare different things, like power to boost etc!!).

When you are done, click ‘Stop Logging’ and then ‘Stop Talking’. Save the log wherever you wish (or not!).

Due to site limitations on LEC, if you want to upload the file for someone to look at and comment, then it will need to be in a ‘zipped’ format as .ecu files are not supported on the software we run on.