MD Racing

Configuring your PC for programming of the Lean Protection Module.

For both Windows and Mac you need to install a USB driver that allows your computer to communicate with the module. Both the Windows and Mac versions of the driver are available for download on the Support page. http://www.mdracingkc.com/Support.html

Additionally for Windows you'll need to download the **putty.exe** configuration utility.

Windows:
After downloading the file CDM 2.08.30 WHQL Certified.zip you will need to expand it. Inside you will find a file CDM 2.08.30 WHQL Certified.exe. Double click it and it prompts you to extract the drivers.
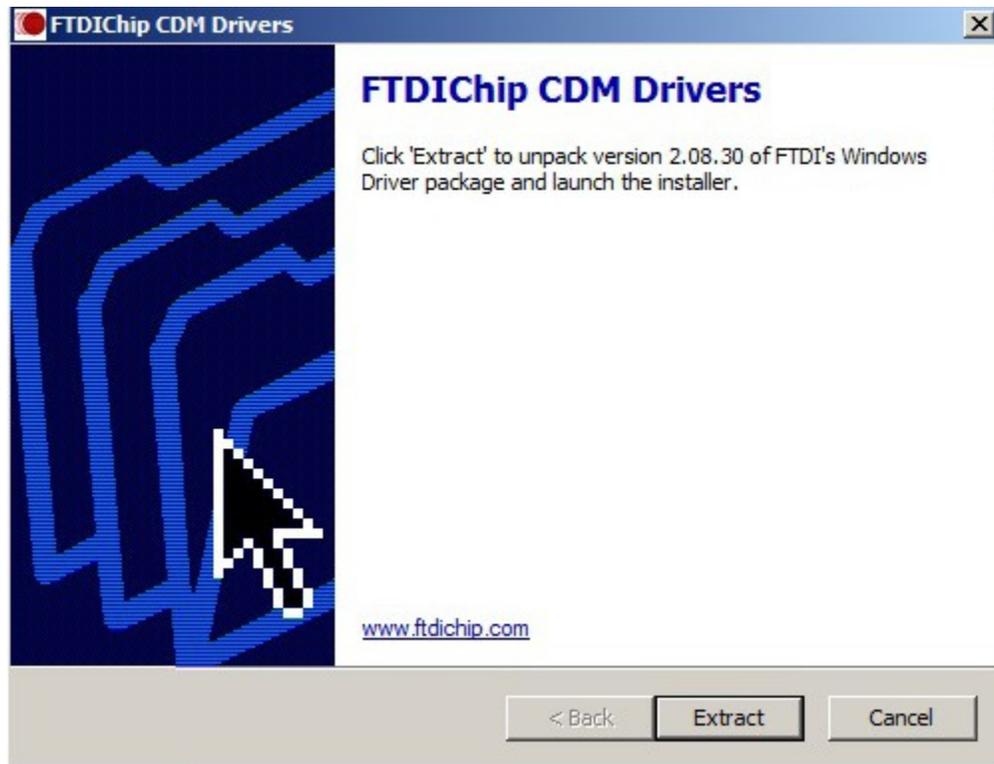
Next it prompts you to install

Follow the prompts. Not much to it and you can just select all defaults. Then it will copy files.

When it completes you'll get a confirmation screen showing the drivers are installed.

Now plug in the Lean Protection Module if you haven't already and your PC will detect it and assign it a COM port. To find out which COM port it assigned go into Control Panel. From there we will select "Device Manager"
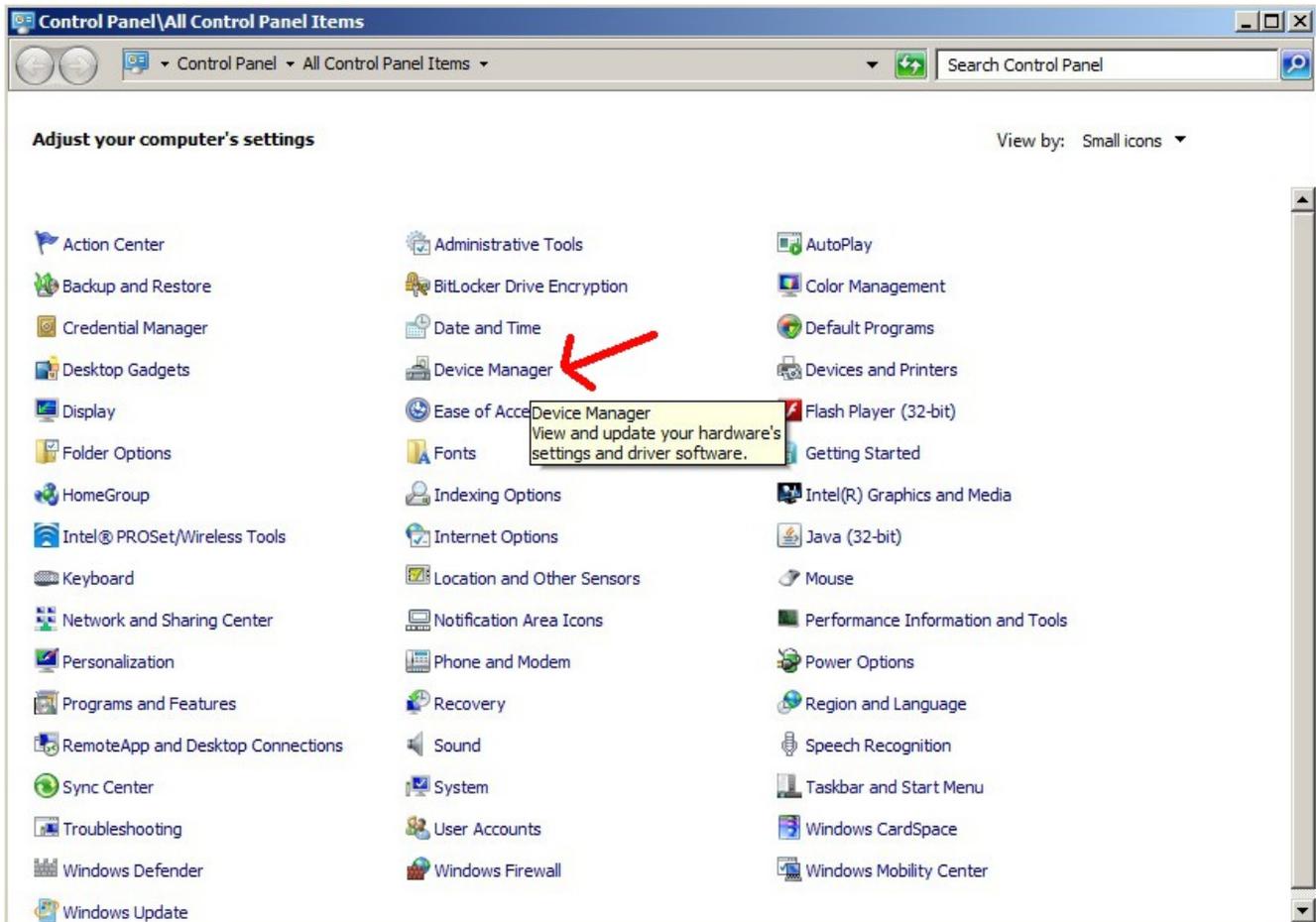
Once inside of device manager look for the section "Ports (COM & LPT)" and click the little + next to it so as to expand it. Here you can see on my PC it assigned it as COM4.
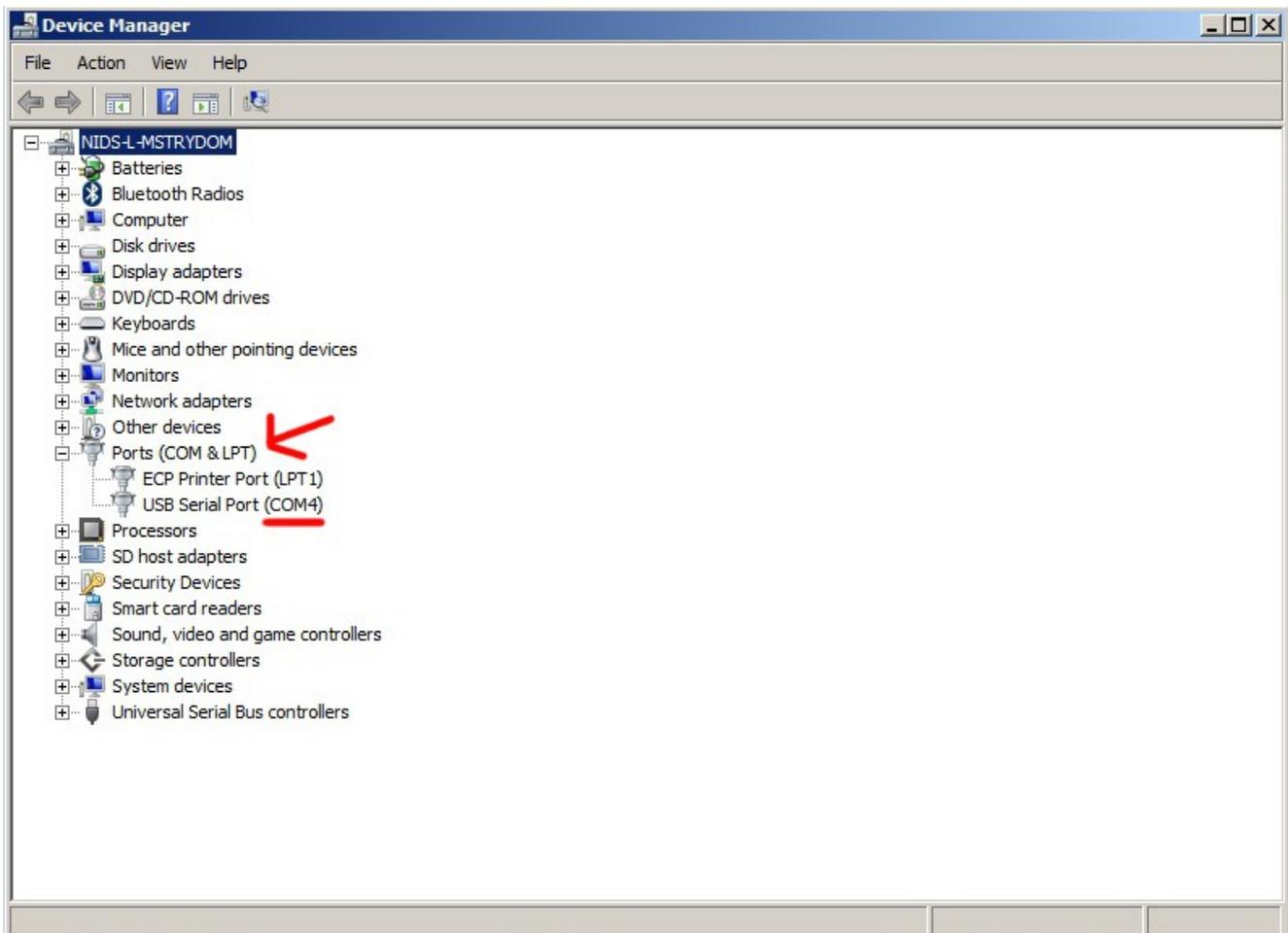
Now lets open up putty.exe no installation is required, you just run the file.

You'll get a window like below.

You want to click on the radio button circled in red that's labeled "Serial". Then where it says "Serial Line" where I have the red arrow type in "COM4". Now click the "Open" button down below.
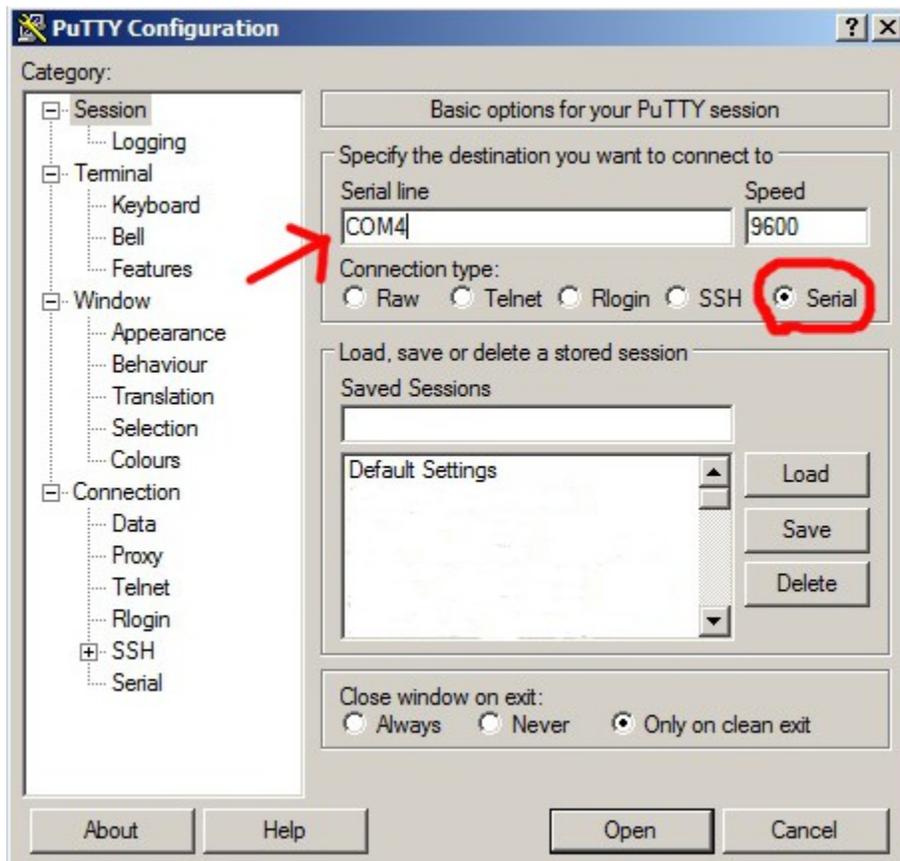
You should get a black screen that looks just like this. You are now successfully connected.
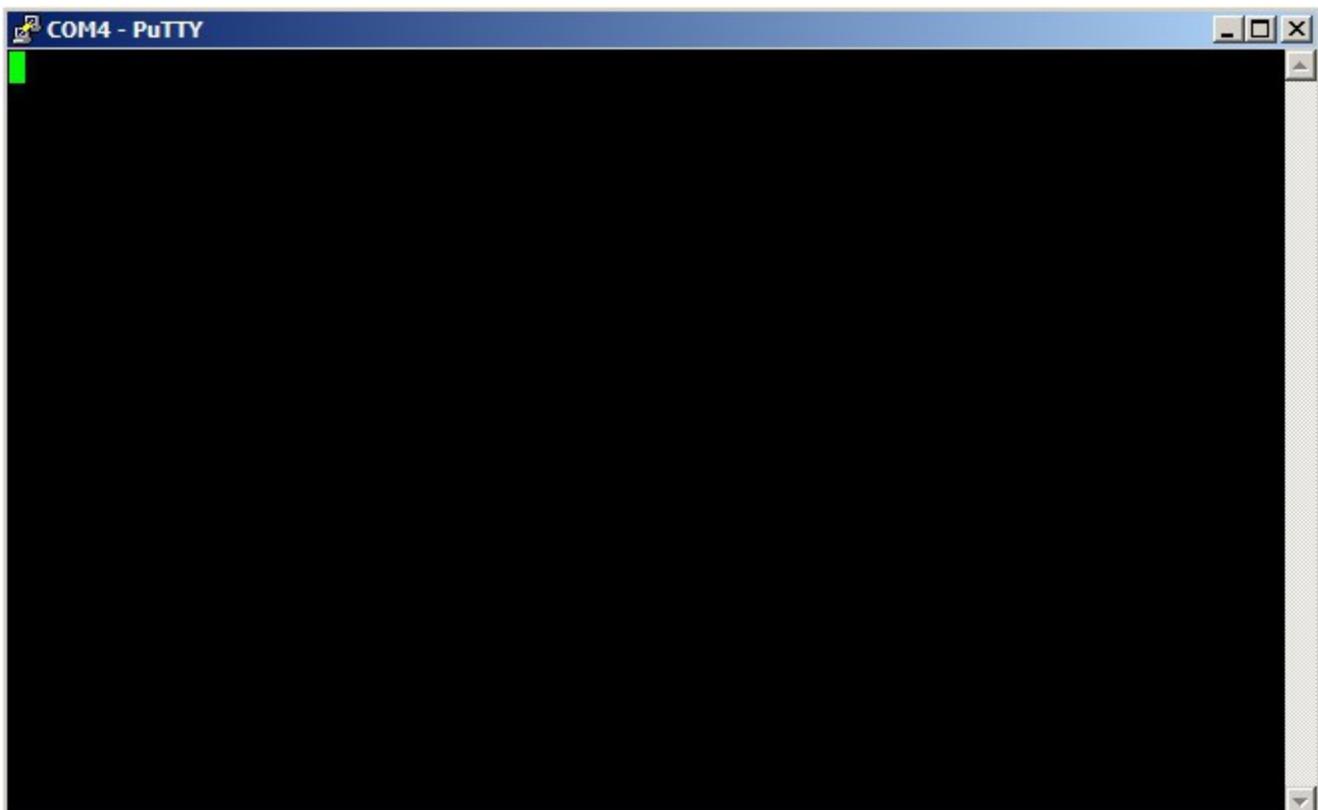
Simply press "Enter" and the menu will display.
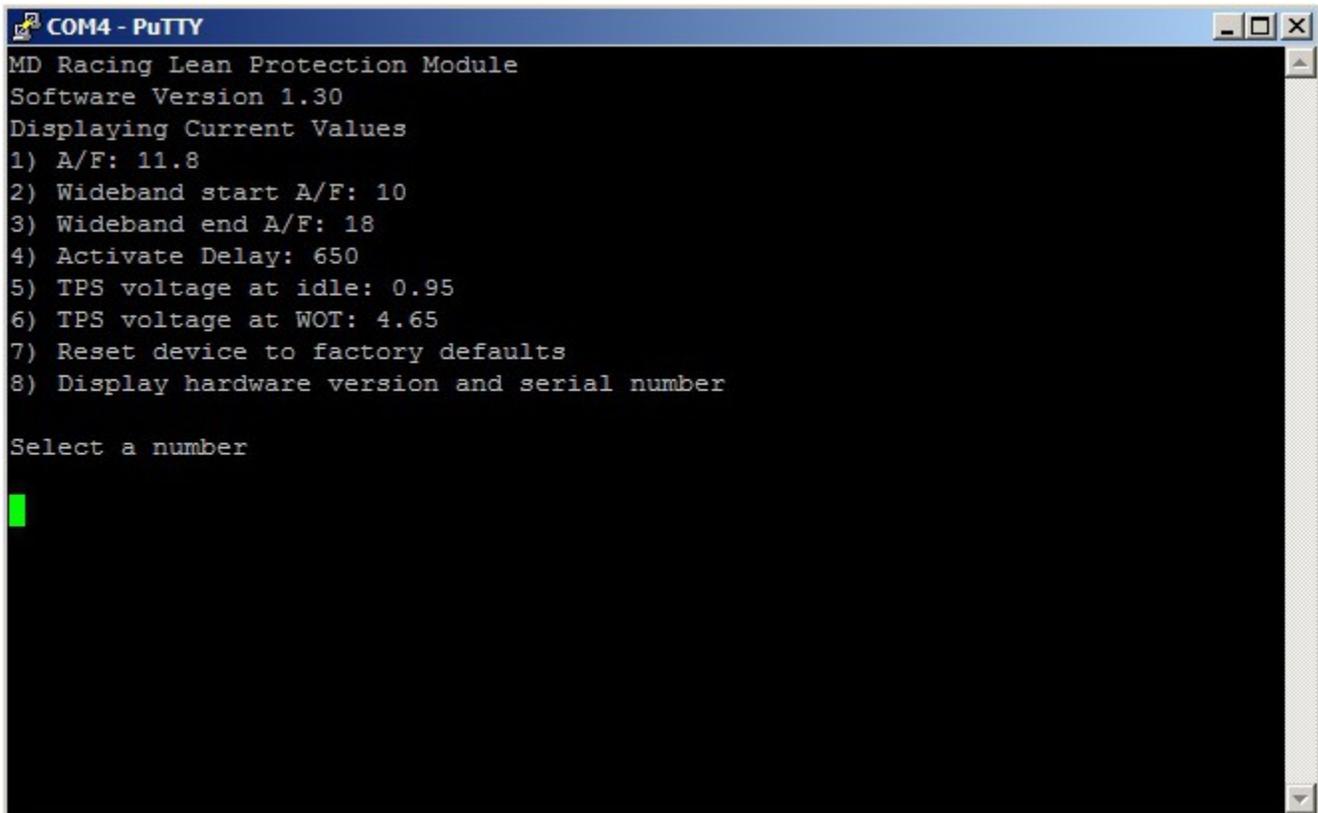

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COM4 - PuTTY                                                    _ □ X
MD Racing Lean Protection Module
Software Version 1.30
Displaying Current Values
1) A/F: 11.8
2) Wideband start A/F: 10
3) Wideband end A/F: 18
4) Activate Delay: 650
5) TPS voltage at idle: 0.95
6) TPS voltage at WOT: 4.65
7) Reset device to factory defaults
8) Display hardware version and serial number

Select a number
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Now you can move onto the programming guide.

TIP:
Also notice inside the putty application you can save your session so you don't have to click on "serial" and type in COM4 or what ever your COM port is each time.