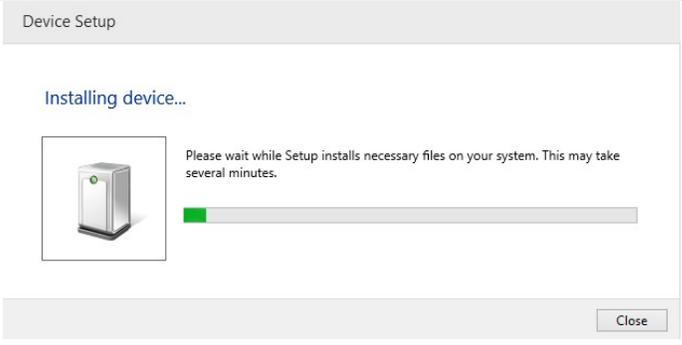
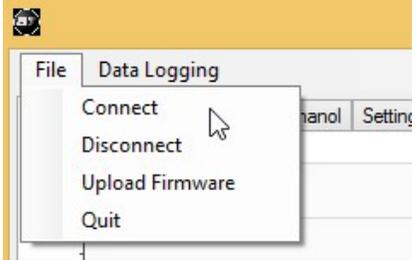
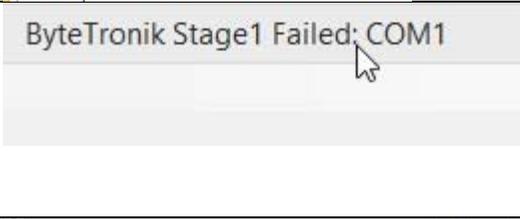
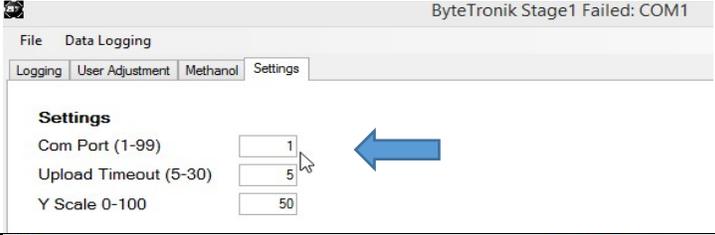
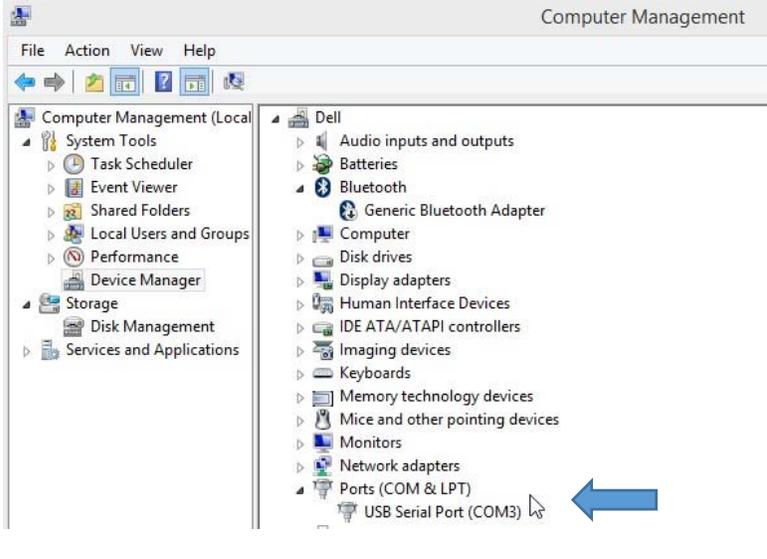


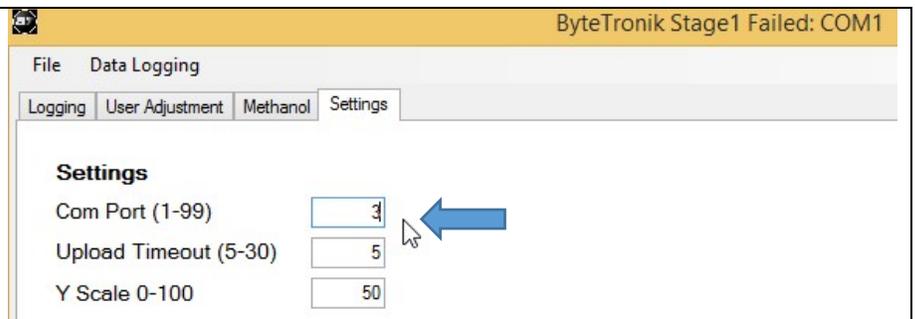


## Section 2: Connecting to the BT1 using the “USB-to-Serial” Cable.

<p><b>*** DO NOT Connect the BT1 to this “USB-to-Serial” cable at this time!!! ***</b></p> <p><b>Step 1:</b> Connect the USB cable to the computer; Windows will detect the chip inside the USB cable and install the necessary drivers.</p>	
<p><b>Step 2:</b> Once the USB driver finishes installing the driver on the computer, then perform the following tasks.</p>	<p><b>Task #1:</b> Connect BT1 to your vehicle’s MAP Sensors.  <b>Task #2:</b> Turn the ignition to the “ON” Position so the BT1 gets power from your wiring harness.</p>
<p><b>Step 3:</b> Now <u>physically attach the serial cable to the end of the BT1.</u> Once the serial port is connected, then go to the Software and select “<b>File</b>” and select “<b>Connect</b>”:</p>	
<p><b>Step 4:</b> The BT1 Software will likely show a “Failed” error displayed at the top-center of the screen.</p> <p><i>In this example, it shows “Failed: COM1”</i></p>	
<p><b>Step 5:</b> Go to the <b>Settings Tab</b> and verify the COM Port that it is connected to.</p> <p><i>In this example, it shows “COM1”</i></p>	
<p><b>Step 6:</b> Go to your computer’s Device Manger and see which COM Port is assigned by the PC.</p> <p><i>In this example, it shows “COM3”</i></p>	

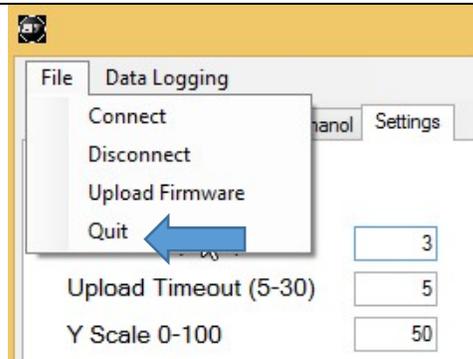
**Step 7:** Now we must go back to the BT1 Software and change the COM port to match. Remember, the PC is the “BOSS” here.

*In this example, we need to change the port from 1 to “Port 3”*

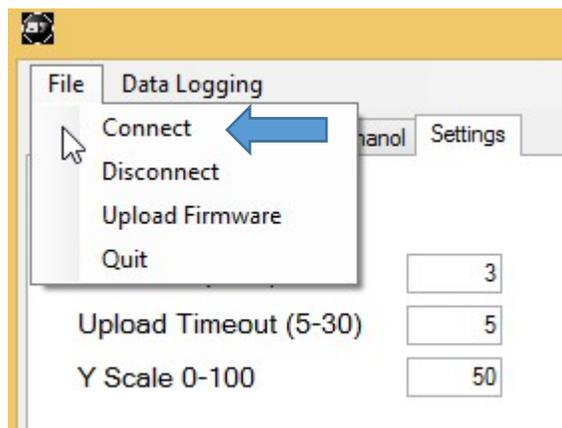


**Step 8:** Quit out of the Software by going to **File** and select “Quit”.

**NOTE:** You must verify the COM Port is matching each time you connect the BT1 to the Software b/c the ports might change on the next connect.

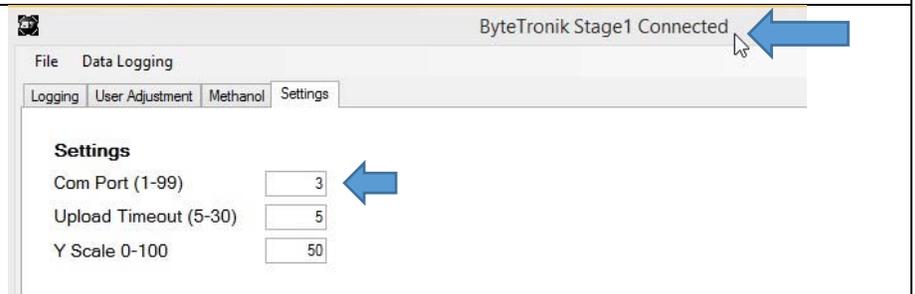


**Step 9:** Reopen Software, then go to file and select “Connect”.



**Step 10:** The COM Ports are aligned so the Software shows **Connected** at the top.

*In this example, it shows “COM3”*



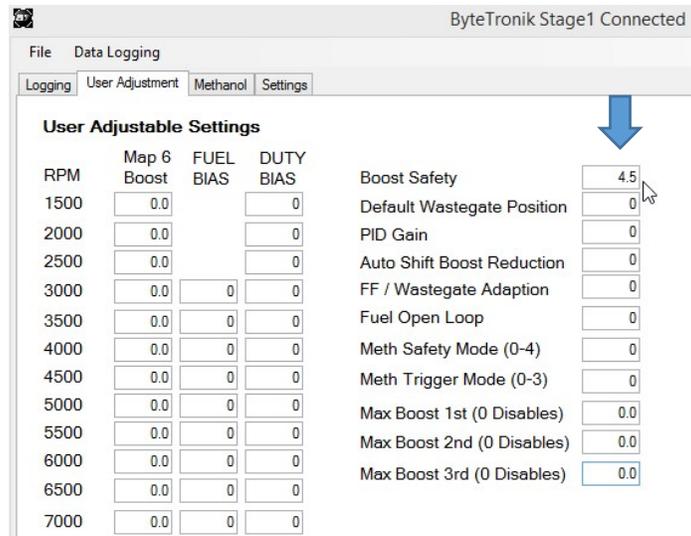
### Section 3: Adjusting the boost (PSI Level)

**Step 11:** To Adjust the boost level, go to “User Adjustment” Tab and input the desire boost level.

**0 = Stock boost**

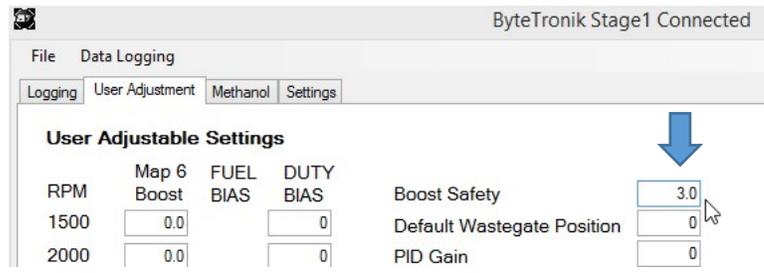
**5 = +5 PSI over stock boost (Maximum)**

*In this example, it is currently set at “+4.5 psi”*

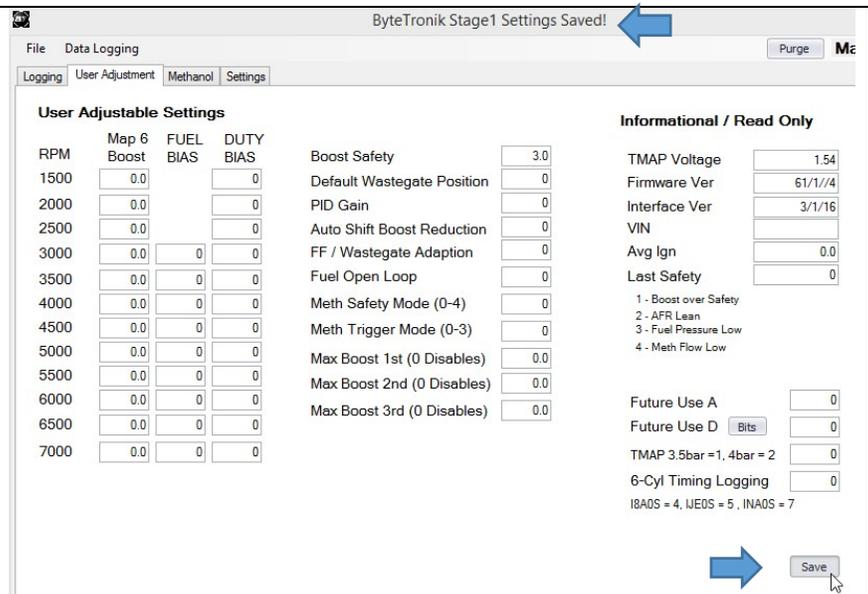


**Step 12:** To change psi level, simply type in the desired amount.

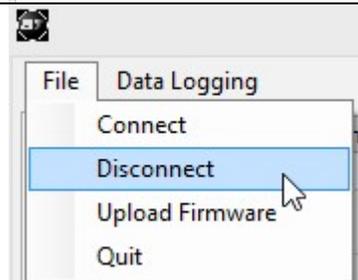
*In this example, it is currently set at “+3.0 psi”*



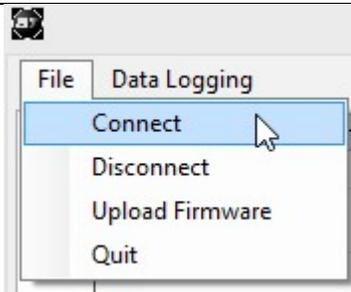
**Step 13:** Hit the “Save” button to complete the change. Once it is saved, it will display “Settings Saved” at the top.



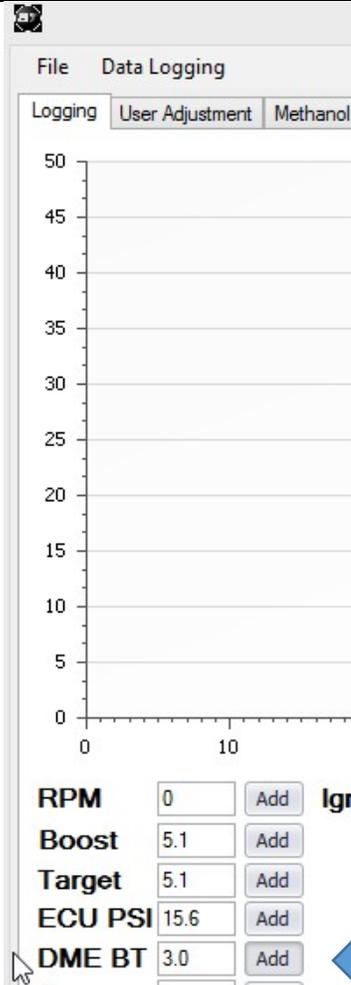
**Step 14:** To verify the current boost settings, go to “File” and “Disconnect”



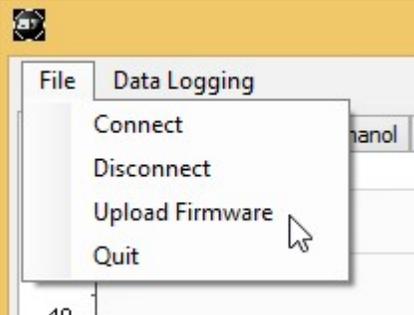
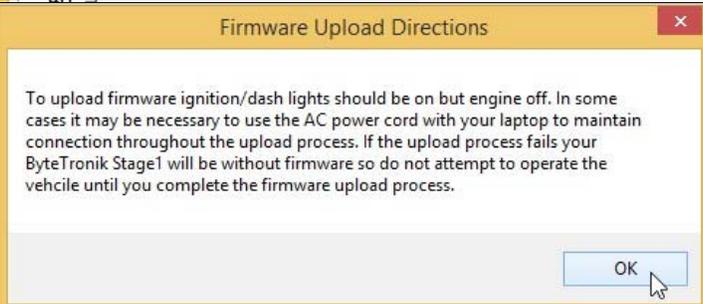
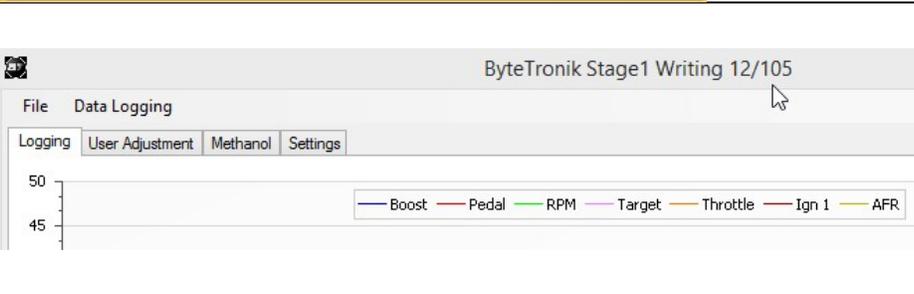
**Step 15:** Then hit "Reconnect"



**Step 16:** Under the Logging Tab, the DME/ECU is showing 3.0 psi (which is what we use for this example).



## Section 4: Firmware Update (for future use).

<p>If there are future firmware updates, download it to your PC. Then go to File and “Upload Firmware”.</p>	
<p>Follow the directions on the screen.</p> <p>Progress bar on the top shows status of update.</p>	
<p>Progress bar on the top shows status of update.</p>	
<p>Verifies checksum (if it fails, then Re-upload the file and try again).</p>	
<p>Firmware update completed.</p>	