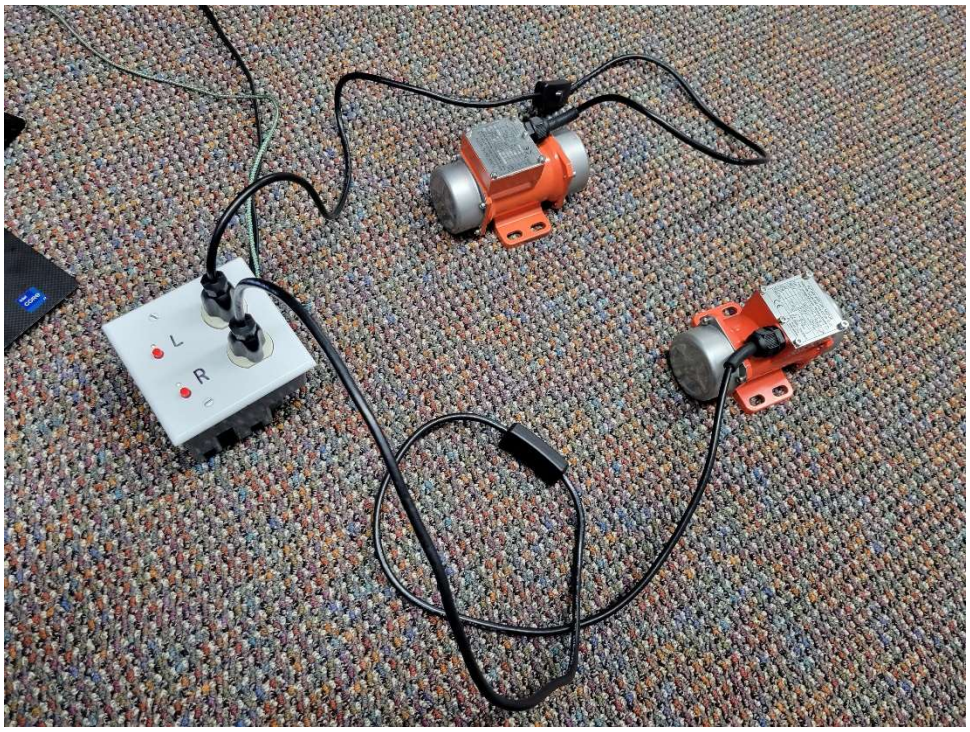
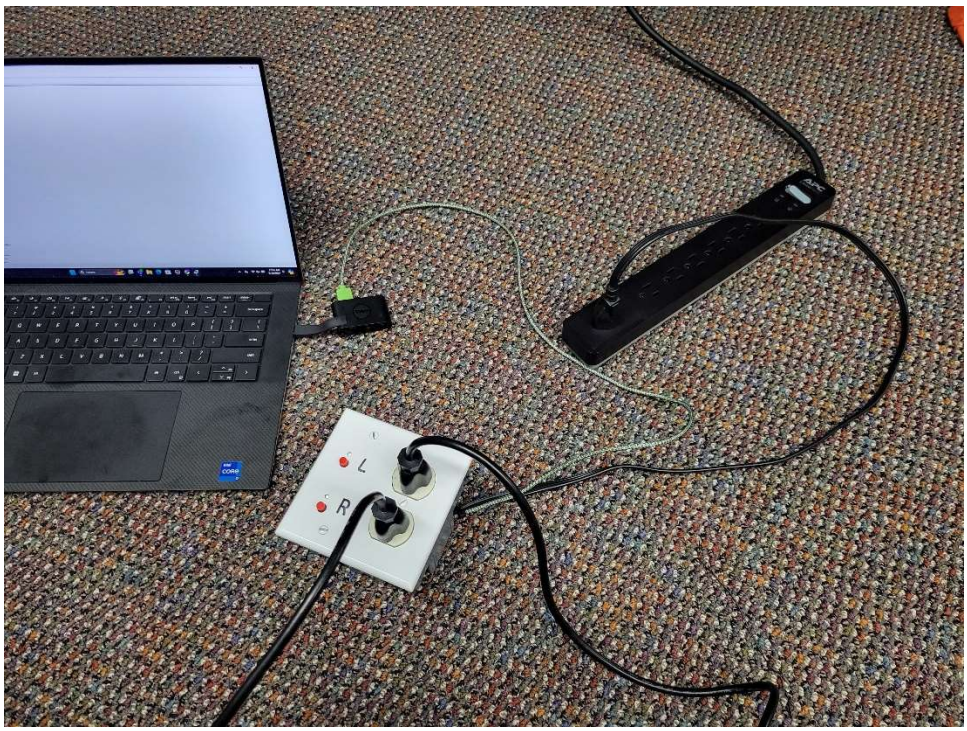
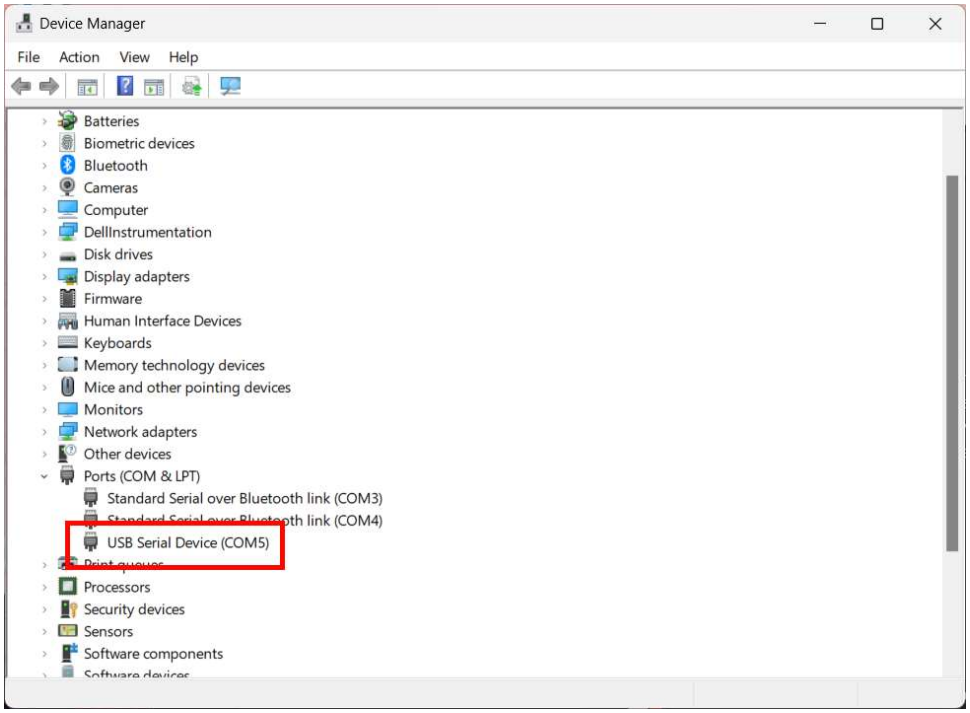
Plug both rumble devices into the top of the box. One will be for rumble strips on the left side of the car, and the other for the right.



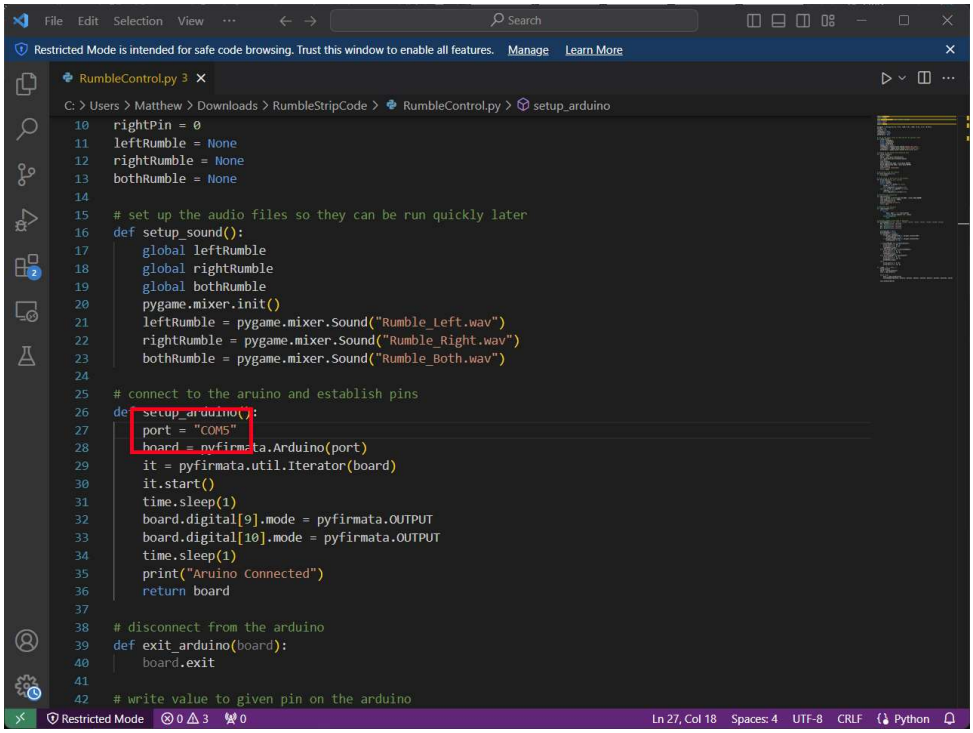
Plug the USB cable from the box into a computer, and pug the power cable coming out of the box into a power source.



Open the device manager on the computer and expand the list of Ports. Listed there should be a new USB Serial Device.

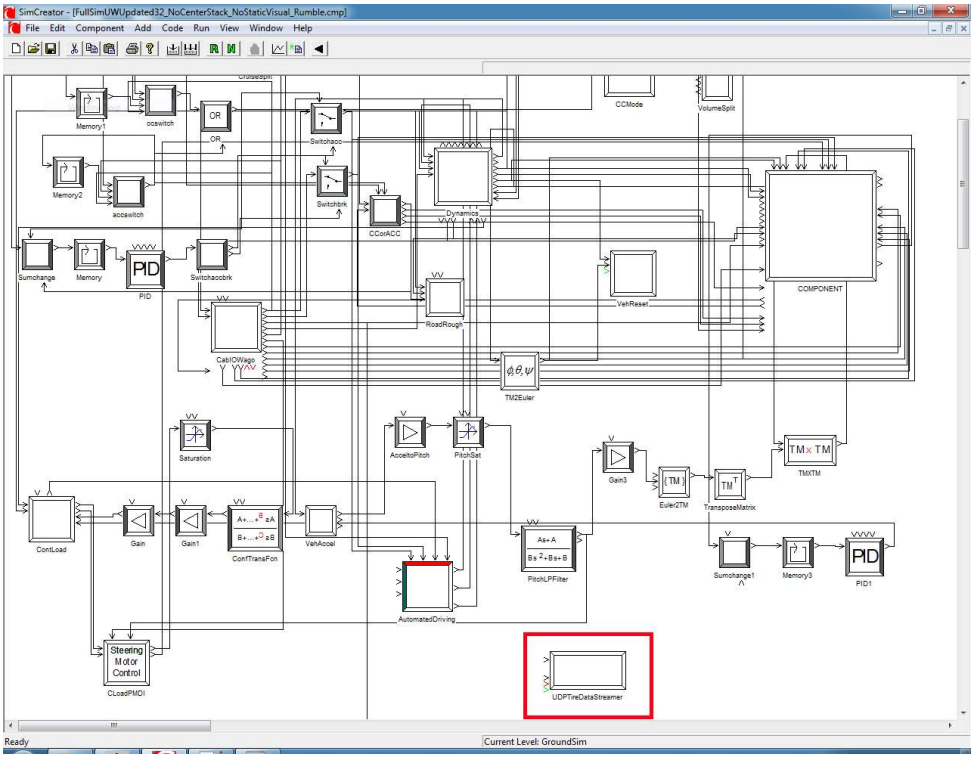


Edit line 27 of RumbleControl.py so that the port matches the name shown in the device manager.

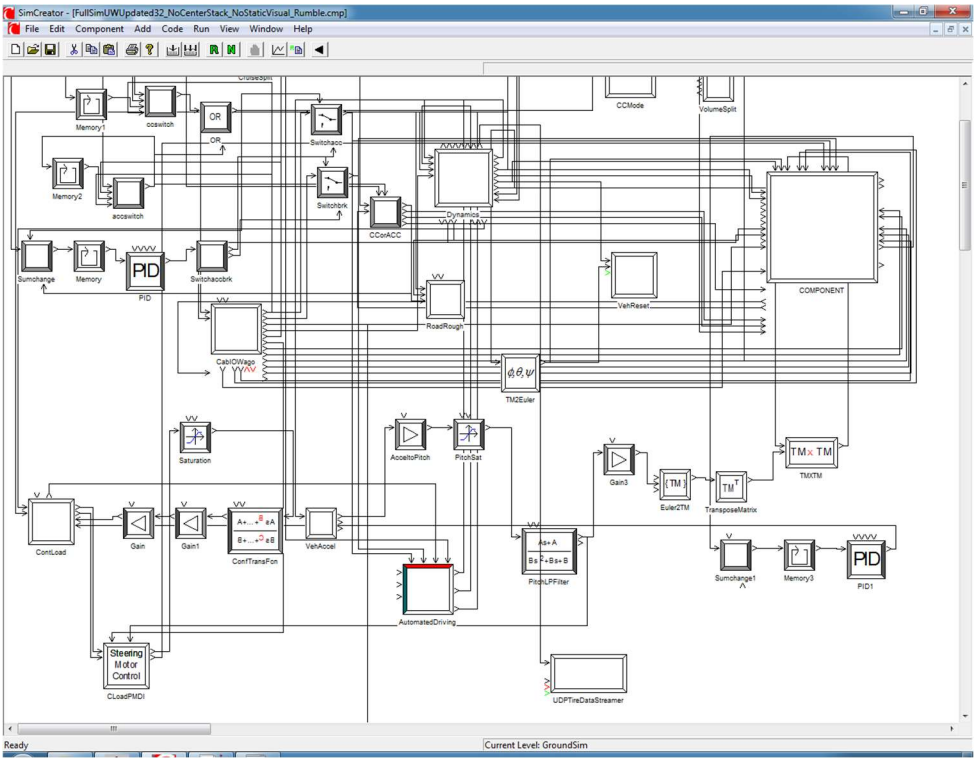


Run RumbleControl.py on the computer connected to the box.

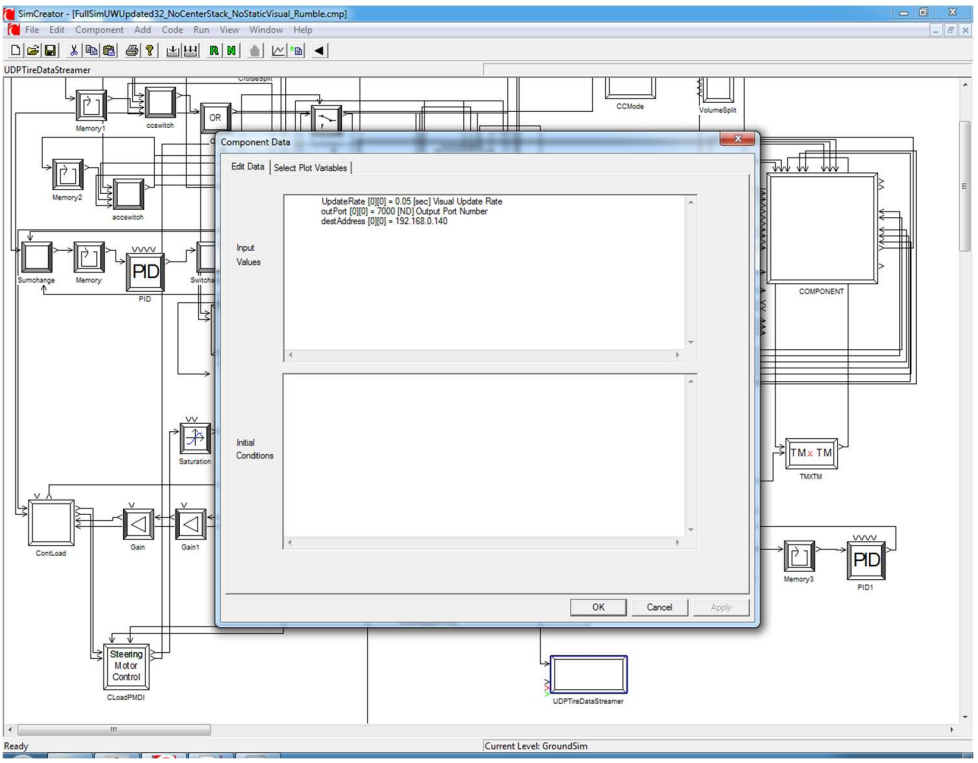
Now move to the computer that runs the sim. In SimCreator open the model that you will be using for this experiment. Go into the GroundSim group and add the UDPTireDataStreamer component.



Create a connection between the Dynamics' TirePosition output and the UDPTireDataStreamer's TirePosition input.



Open the Set Values window for the UDPTireDataStreamer. Set update rate to 0.05. Set outPort to 7000. Set destAddress to the IP address of the computer connected to the box.



Compile and run the SimCreator model.