STATUS PRESENTATION - NEAL TRAYNOR

In the preliminary design report I outlined my basic ideas for the design of the security system of the recumbent tricycle. The primary option is to incorporate a vehicle door lock to fit inside the tricycle doors. However, as has been pointed out by my colleagues and my classmates, there is room for a simpler system, in the form a bike lock that can be attached to the side of the door or the back wheel. I have decided that these would be better off as more of a backup on top of the door lock already in place. This is because with the standard bike lock, you need a pole or a bike lock rack to actually lock the bike. Unless our recumbent bike becomes widespread, few cities will want to install these bike racks specifically for our vehicle on the side of the road.

More work I need to do is I need to find a specific company or person where I can acquire the door lock from. Possible ideas for this is a car manufacturing location. Unfortunately in this area there aren't many of these, but in Southern Ontario (ie Oshawa, Oakville, Windsor), there are many manufacturing factories that can be contacted. If this is not possible, I could contact a local mechanic who may be a little shifty when it comes to Ottawa's bylaws and regulations. I would also need to find the exact size of the locking system in order to accommodate for with the body design.