

Team Meeting Notes

February 5, 2015

- Worked on Pro/E for casing
- Plexiglas, charger and battery have all come in
- Still waiting on ABS
- Purchased 5 200:1 gearmotor for the treads
 - Operating torque
 - Stall torque 100 oz*in
 - 90° output
 - Does not come with shafts
- Need to get axles
- Cut baseplate
 - We don't want to screw things directly into the bottom
 - We want a skid plate and then one to mount things on
 - Need to mitigate damping
- Ordered brackets for the gearboxes
- Need to be able to place all the components on the baseplate (including wheels)
 - Flat plate with all components
 - Axle is in the plane of the part
 - Sink the base plate 11.21 mm from horizontal to compensate
 - All the middle holes and baseplate have to drop
 - Made a diagram of layout of all components on the baseplate
- Next meeting topics
 - Tether connection
 - Cutting the treads
 - Get adhesive