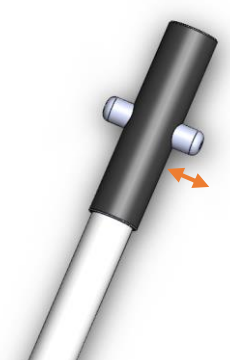



Motor and Button Oscillation Design Change

Background: Due to unforeseen complications in finding a small linear actuator in our price range, we decided to change our previous design.

| Original | Change |
|---|--|
| Button oscillation is in and out of the cane (pressing motion) | Button Oscillation is side to side (sliding motion) |
| Linear Actuator | Gear Motor (From P14043's Design) |
|  |  |

This new button motion will be similar to P14043's cane during the middle sensor feedback simulation:

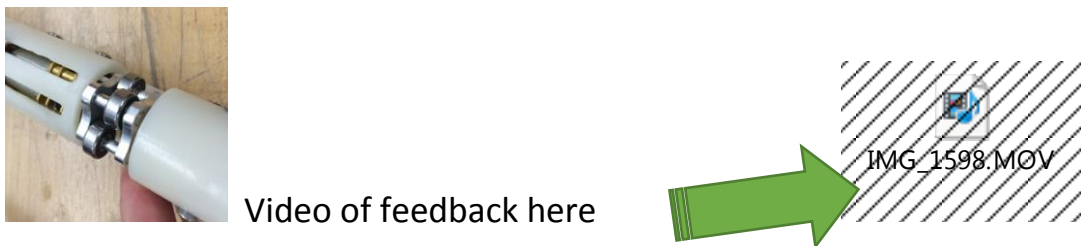
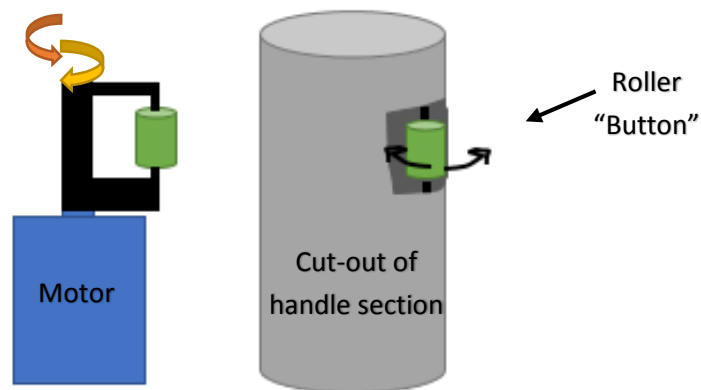


Diagram of an example button and motor connection (handle will contain two sets):



(Not to scale)