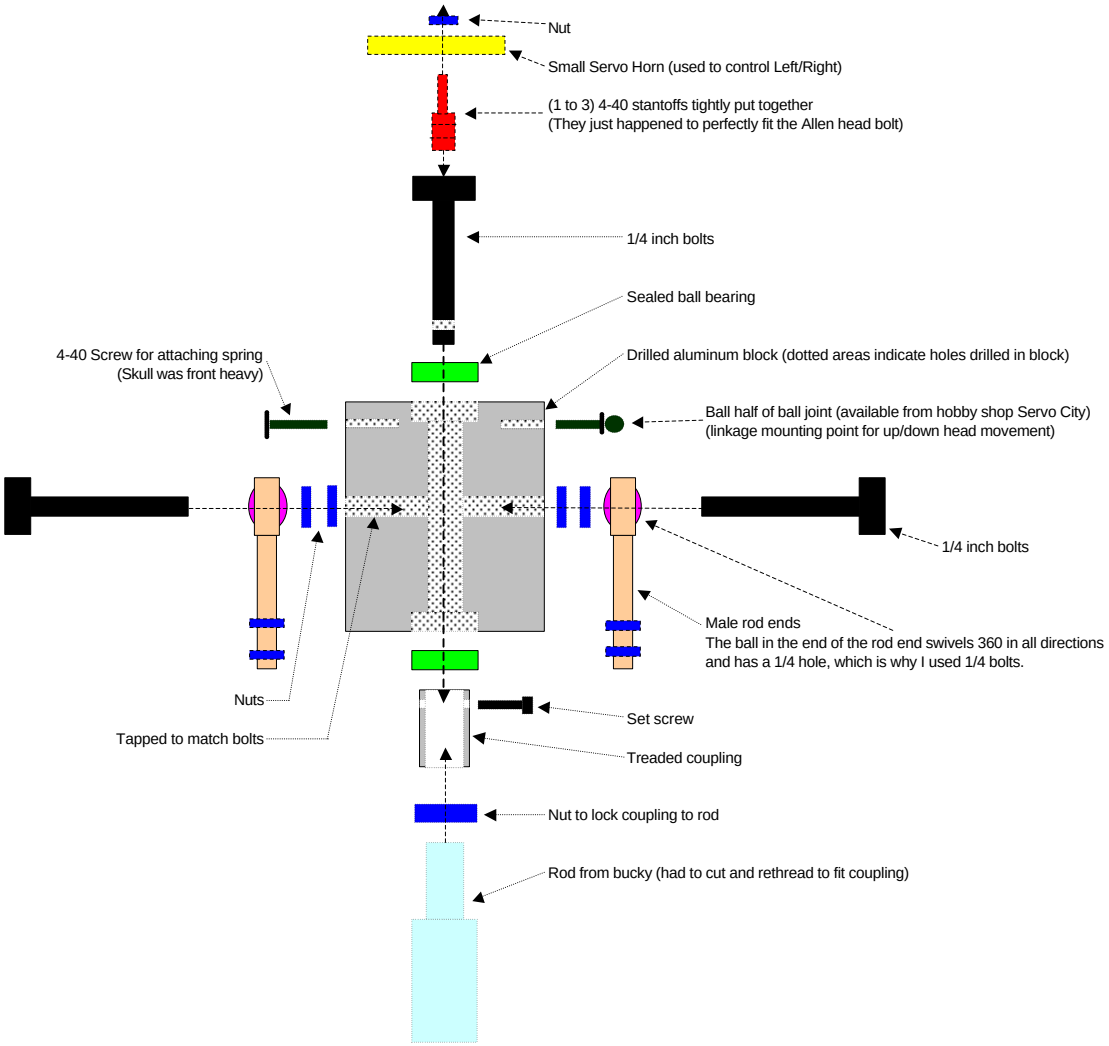
Nut
Small Servo Horn (used to control Left/Right)
(1 to 3) 4-40 stantoffs tightly put together
(They just happened to perfectly fit the Allen head bolt)
1/4 inch bolts
Sealed ball bearing
4-40 Screw for attaching spring
(Skull was front heavy)
Drilled aluminum block (dotted areas indicate holes drilled in block)
Ball half of ball joint (available from hobby shop Servo City)
(linkage mounting point for up/down head movement)
1/4 inch bolts
Male rod ends
The ball in the end of the rod end swivels 360 in all directions
and has a 1/4 hole, which is why I used 1/4 bolts.
Nuts
Tapped to match bolts
Set screw
Treaded coupling
Nut to lock coupling to rod
Rod from bucky (had to cut and rethread to fit coupling)