

## Lynx B - Pan and Tilt Assembly Instructions Rev. 2.

Updated 12/21/2011

**Safety first!** Wear eye protection and never touch a powered robot!



Image of Pan and Tilt without camera.

### Step 1.

Attach the multi-purpose servo bracket to one servo as pictured.

2 x

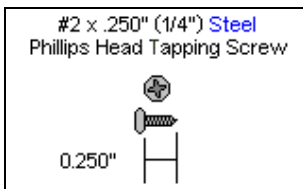


Figure 1.

### Step 2.

Attach the "C" servo bracket to the multi-purpose bracket as shown. Push the button head screw through the multi-purpose bracket, and add a nylon washer. Put the "C" bracket on the screw, and secure it with the nylon acorn nut. **Don't make this too tight!**

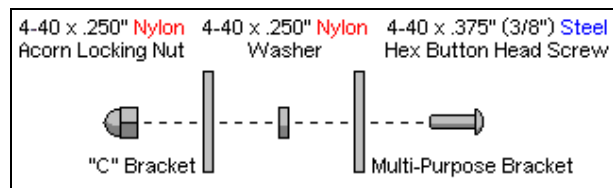


Figure 2.

### Step 3.

Install the servo into the multi-purpose bracket. Use four push-in fasteners.

4 x

.172" x (.187"-.250")  
Nylon Rivet Fastener



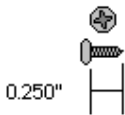
Figure 3.

### Step 4.

Attach the "C" bracket to the servo as pictured.

2 x

#2 x .250" (1/4") Steel  
Phillips Head Tapping Screw



0.250"

Use these holes for mounting

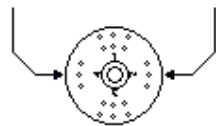


Figure 4.

### Step 5.

Any small CCD camera can be attached to the Pan and Tilt assembly. The mounting plate is 2.0" wide by 1.0" high, and the entire surface can be used. The camera can be attached with double sided tape.



Figure 5.