# DDP155 Pan

**Make sure your kit includes the following**

(3) ABS Plates
(1) ABS Tube
(12) 6-32 x 3/8” Pan Head Phillips Screws
(6) #4 x 1/2” Pan Head Phillips Screws
(6) #4 x 1/2” Flat Head Phillips Screws
(4) 6-32 x 7/16” Flat Head Phillips Screws
(4) .625” Length Aluminum Standoffs
(1) Servo Shaft Hub (525122 or 525123)
(1) 1/2” Bore Flat Bearing Mount

**Tools needed:**
#2 Phillips Head Screwdriver
#1 Phillips Head Screwdriver

# DDP155 Assembly Instructions

This kit will work with standard size Hitec (or Futaba) servos. We will be using the Hitec HS-5485HB servo in the instructions.

**1.** Attach the 1/2” Bore Flat Bearing Mount to the rough side of the ABS plate (the one that contains the web-site URL) with (4) 6-32 x 3/8” Pan Head Phillips Screws.

**2.** Attach the (4) .625” Length Aluminum Stand-offs to the smooth side of the same plate using (4) 6-32 x 3/8” Pan Head Phillips Screws.

**3.** Slide the Servo Shaft Hub through the 1/2” Bore Flat Bearing Mount.

**4.** Put the servo onto the Servo Shaft Hub. If your servo has Karbonite gears the fitment may be very tight. Once you get it started, you can pull the horn onto the servo by installing and tight-ening down the stock servo screw in step 5.

**5.** Attach the servo to the .625” Standoffs using (4) 6-32 x 3/8” Pan Head Phillips Screws. Make sure to install all 4 screws prior to tightening down for proper alignment. Next, install the stock servo screw into the servo to hold the Servo Shaft Hub on.

**6.** Put the servo plate as-sembly on the ABS tube and attach with (6) #4 x 1/2” Pan Head Phillips Screws.

**7.** Attach the bottom plate to the tube with (6) #4 x 1/2” Flat Head Phillips Screws. Make sure the servo wire is aligned with the cut-out to keep from pinching it during assembly.

**8.** Install the top ABS plate using the (4) 6-32 x 7/16” Flat Head Phillips Screws. If you wish to attach a tilt system or Actobotics com-ponent to the top of the pan system you can leave this plate off.