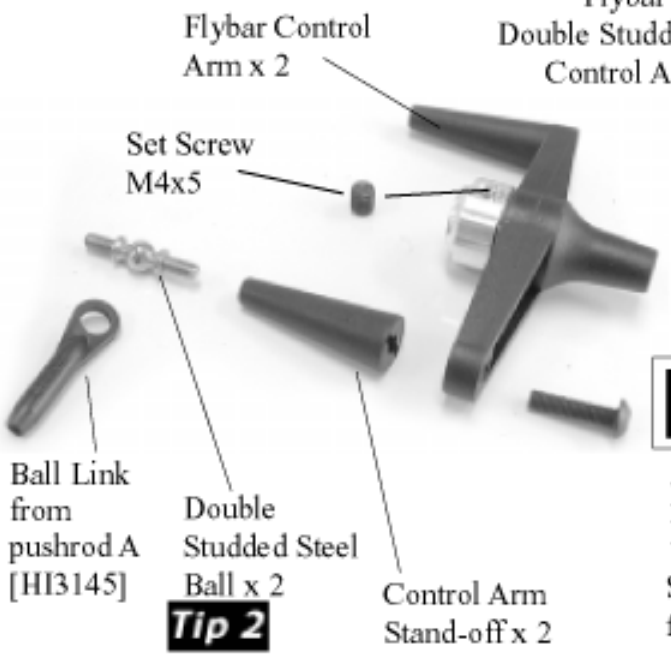
STEP 5 Flybar Control Arm Assembly

From parts bag 1, Form some threads into both ends of the control arm standoffs by using an M3x12 Button Head Screw, screw in approximately half the length of the screw threads and remove. Press one ball link (to be used on pushrod "A" later) onto each double studded steel ball, making sure that pressure is applied from the side of the ball link with the Century logo. Attach one standoff to one side of each control arm with an M3x12 BH Screw. While holding one flybar control arm, thread one end of the double studded steel ball into each standoff. When it becomes difficult to turn with fingers, start screwing in another control arm stand-off on the other end of the ball. Now screw both stand offs in completely. You should now have two flybar assemblies, each shaped like an L.



Flybar Control Arm x 2
Double Studded Steel Ball x 2
Control Arm Stand-off x 2
[HI3176B] - 30
[HI3176C] - 50

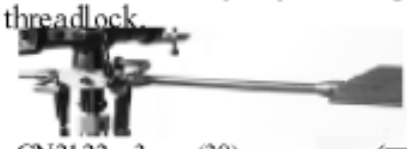
x2 Repeat 2 Times.

Pushrod (A x 2)
Length = 54mm

See page 30 for full size drawing.

STEP 6 Flybar & Flybar Paddle Assembly

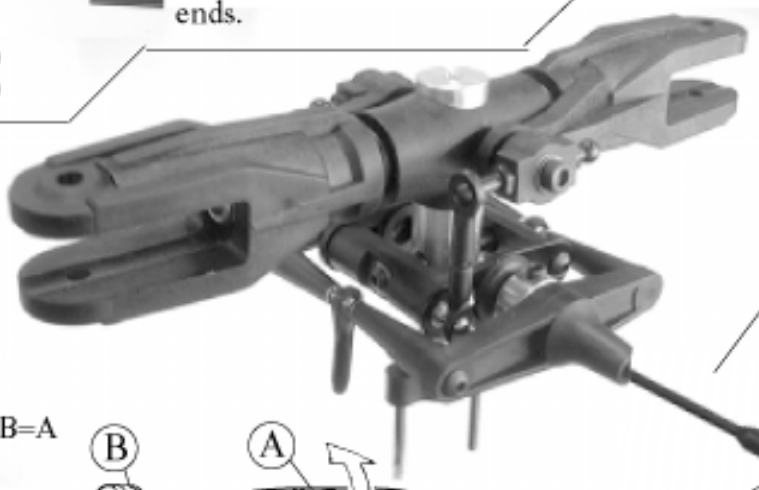
Slide and center the Flybar through the seesaw arm assembly. Carefully look at the Flybar Control Arm assemblies and notice that when installed correctly, the securing set screw is on top. Install the Flybar Control Arms on the flybar. Insert one M3x12mm Button Head Socket Screw into each Flybar Control Arm, securing the assembly together. Loosely tighten the M4x5 Set Screws into the round aluminum inserts. Using a ruler, check the distance between the end of the flybar and the control arm and adjust until the lengths are the same. Remove one set screw at a time, apply threadlock (***Tip 1***) and tighten in place. Slide the Flybar Weight (**Tip**: the flat end of the weight faces the paddle) and thread on the Flybar Paddle until all the threads are covered onto the flybar and align the paddles parallel. Again using the ruler, rotate one paddle or the other to get equal distances, remember leading edge of the paddles turn clockwise. Using two 3x3mm Set Screws secure the weights using threadlock.



CN2122 3mm (30)
CN2123 4mm (50)

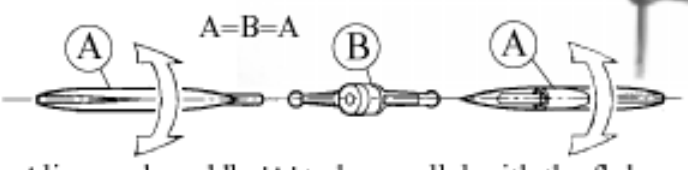
Optional Carbon fiber flybar stiffener with purple aluminum ends.

For balancing of rotor head see Final Adjustments

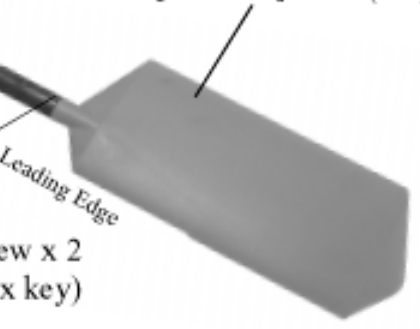


Flybar [HW3173] - 30
& [HW3173A] - 50
* packed with tailboom

Flybar Paddles & Weights x 2
[HI3179] - R30 (Black)
[HI3179A] - R50 (Gray)



Align each paddle 'A' to be parallel with the flybar control arms 'B'. This is made very simple with the optional pitch and paddle gauge CN2026



Tip 1

M3x3SS Set Screw x 2
(small 1.5mm hex key)