

Step 1 Rotor Head Block

From parts bag 1: Press in the Damper Rubbers and the Washout Pins into the Head Block. Apply one drop of medium CA glue after the pins are fully seated. The two M3x4 set screws are for static tracking of the blades. Install the two M3x4 set screws and torque evenly to maintain static tracking of the rotor blades.

Damper Rubber x 2
[HI3181]

Rotor head Block
[HI3160C]

M3x4 Set
Screw x 2

Washout Pins
2.6x30mm x 2
[HW3170A]



Step 2 Seesaw Assembly

From parts bag 1: Insert one ball bearing into each bearing cup and insert into the offset plate. Apply one small drop of medium CA glue to the back side of the bearing cup to secure to the offset plate. Insert one ball bearing into each tie bar. Insert one M3x6 button head screw through the right side hole of the offset plate into one tie bar. Make two identical sub assemblies. Note that the bearing cups face outwards from the head block. Insert one M3x15 button head screw through the tie bar bearing, slide one steel spacer and carefully apply threadlock to the exposed threads and insert into the right side of the head block. Do not overtighten. Repeat for the second sub assembly. Once complete, insert one M3x7 Special ball into each offset plate to complete the assembly.

Completed Rotor
Head from Step 1

Bearing Cup x 2
[HI3167D] - 30

Bearing Cup x 2
[HI3167F] - 50

Tie Bar Spacer x 2
[HI3167G]

Completed rotor head.

Offset Plate x 2
[HI3167B]

3x7 Ball Bearing x 2
[CNBB0730]

M3x15 Button Head
Socket Screw x 2
[HI3167G]

Tie Bar x 2
[HI3167G]

M3x6 Button Head
Socket Screw x 2
[HI3167E] **Tip 3**

Tip 2

Special Long Ball x 2
[CNLR1017]

3x7 Ball Bearing x 2
[CNBB0730] - 30

4x8 Ball Bearing x 2
[CNBB0840] - 50



Take notice of the location
of the two special steel balls
on the offset plates.