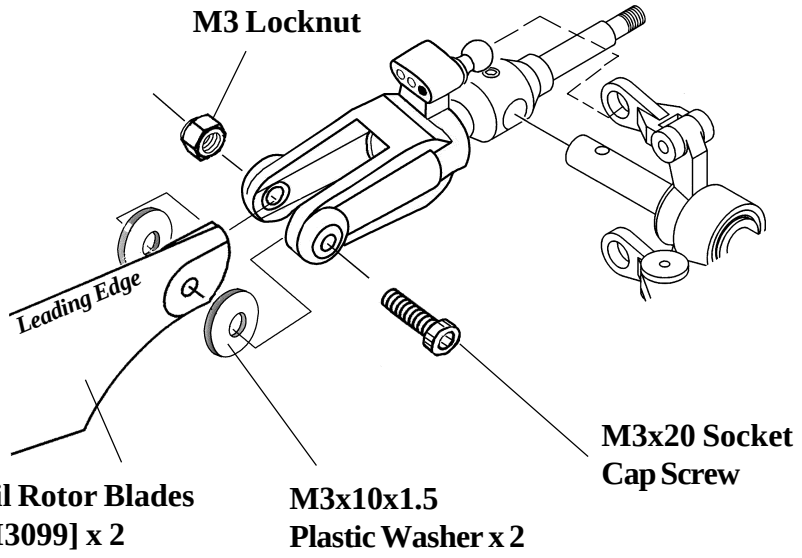
Step 32 Tail Blades Assembly

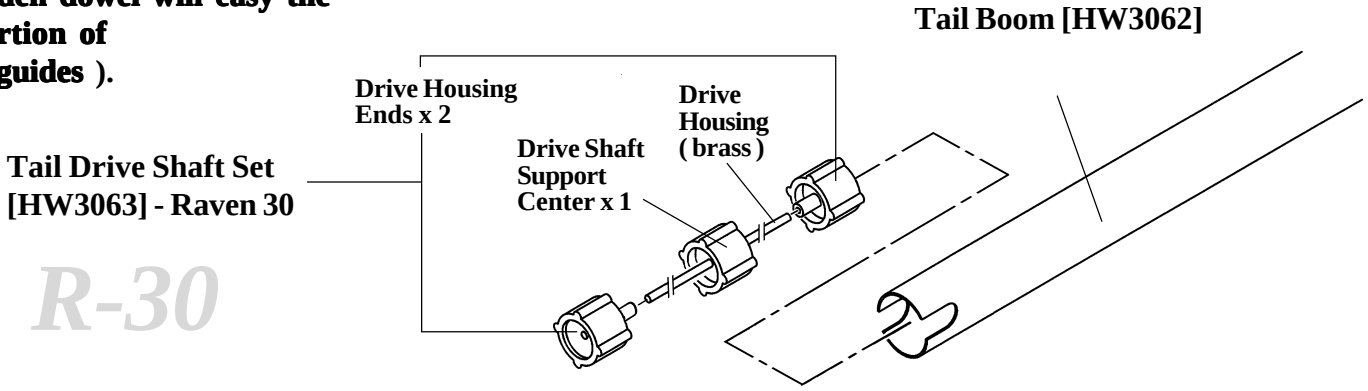
Snap the ball on the tail rotor grip into the adjoining pitch slider link on both sides. Install the Tail Rotor Blades shimmed with 3x10mm plastic washers on both sides using two 3x20mm Socket Cap Screws and M3 locknuts. Note the direction of the blades on the diagram, **the leading straight edge of the blade should be on the same side as the ball** on the blade grip. To tension the blade bolt, start loose and tighten until the blade holds horizontal but pivots freely when moved.



Tip After flying the model, if a vibration is noticed on the horizontal fin, you can remove the complete tail rotor assembly with the hub and further balance it using a High Point balancer. Careful sanding of the rotor blades is all that is needed.

Step 33 Tail Drive Shaft & Pushrod Guides - Raven 30

From Bag 7: Insert three tail drive shaft Guides on to the Brass Tail Drive Housing, found in the bottom of the box (**Note that one guide has a larger center hole than the others, slide this one to the center of the brass tube**), add the remaining two onto the ends. Glue the guides into position using Zap Ca on the brass tube. Insert the rod guide assembly into the tailboom from the end with the 2 holes and position the assembly centered in the tailboom (**gentle tapping with a wooden dowel will easy the insertion of the guides**).



! Make sure the brass tubing is glued to the internal guides for the tail boom. Also, after radio set up is complete, glue the pushrod guides using a single drop of Zap Ca. One drop will stop the pushrod from binding and still be able to remove them later.

Step 34A Tail Drive Shaft - Raven 30

For extra security, continue filing until the flat spot is 1/3rd the thickness of the shaft. Thoroughly grease the tail drive shaft ***(Tip 1)*** and insert the newly filed end into the tailboom end with the slots into the drive shaft housing assembly (**ensure the end with the new flat spot exits the tailboom end with the round holes**) and degrease both ends of the shaft. The long flattened end engages the main mechanics.