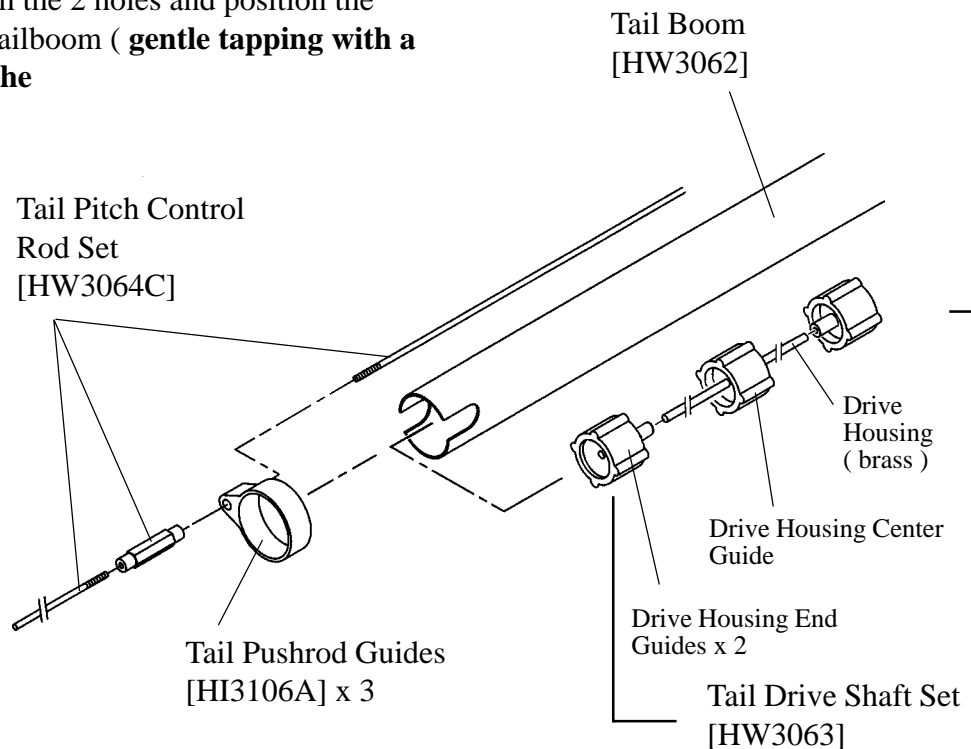


## STEP 33-34 Tail Guide & Tail Gearbox

### STEP 33

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 ease the insertion of the guides**).

Slide the three tail pushrod guides onto the tailboom engaging tail pushrod. Thread the pushrod connector found in bag #4 onto the long pushrod, the short pushrod will be attached in Step 36.

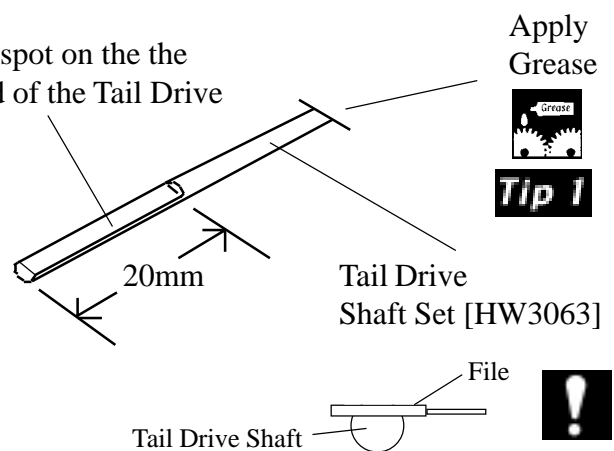


Make sure the brass tubing is glued to the internal guides for the tail boom. Also, after radio set up is complete glue the pushrod guides using a single drop of Zap Ca. One drop will stop the pushrod from binding and still be able to remove them later.

### STEP 34

The Tail Drive Shaft has one end flattened to engage into the main mechanics the other end needs to have a flat spot 20mm long filed on the round end of the shaft for the two 4x4mm Set Screws in the tail rotor input 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.

Put a flat spot on the the round end of the Tail Drive Shaft.



A flat file is the ideal tool for the job, alternately careful use of a Dremel Moto Tool will work. It is important that the flat be at least 1/4 of the diameter but no more than 1/3 to avoid weakening the material.