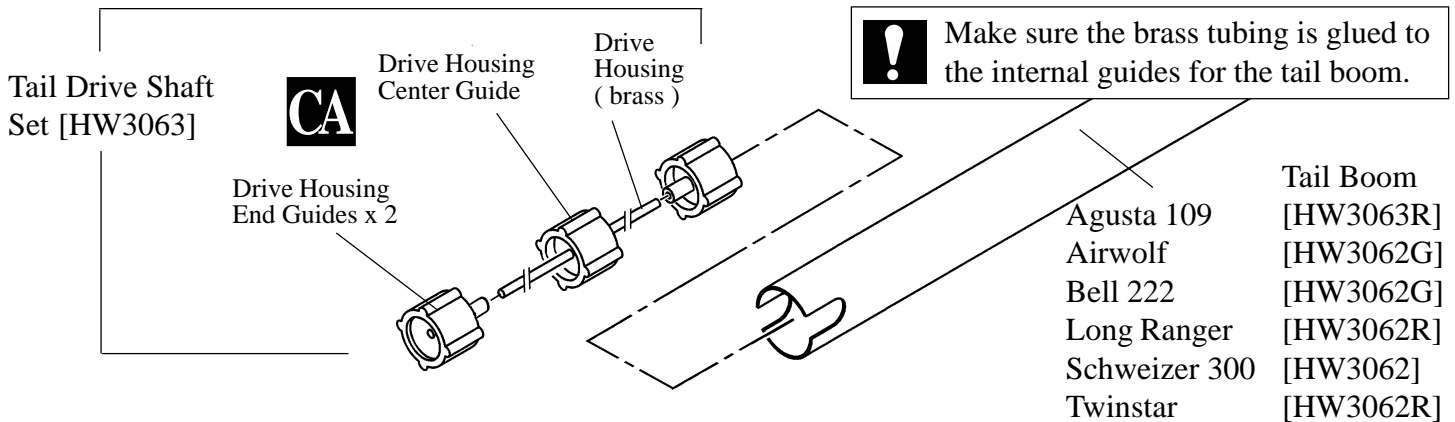


STEP 4-8 Drive Shaft & Shaft Guides

Sub Assembly 4 Tail Boom

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**). Secure inside the boom by dripping some Ca glue down the tube. Be careful not to get any inside the tube. Thoroughly grease the tail drive shaft and insert the newly filed end into the end of the tailboom with the slots. Align with the center of the drive shaft housing assembly and insert. Degrease both ends of the shaft.



STEP 4-9 Tail Gearbox Assembly

Attach the tail output gear assembly onto the rear of the drive wire shaft using a threadlock on the two M4x4 Set Screws (**insure the filed flat spot is aligned with one of the set screws**). Position the output gear assembly into the right gear box half (**insure the 2 bevel gears are meshed properly and the ball bearings are fully seated in their recesses**) and liberally grease the gears before attaching the left side. **Position the gear box halves such that the molded key-pins are fitted into the key holes in the end of the tail boom**. Secure with one M3x10 Socket Cap Screw and M3 locknut at the back of the gearbox, two M3x12 Socket Cap Screws with M3 locknuts at the center and two M3x25 Socket Cap Screws and M3 locknuts through the molded mounts in the front end of the tail rotor gearbox.

