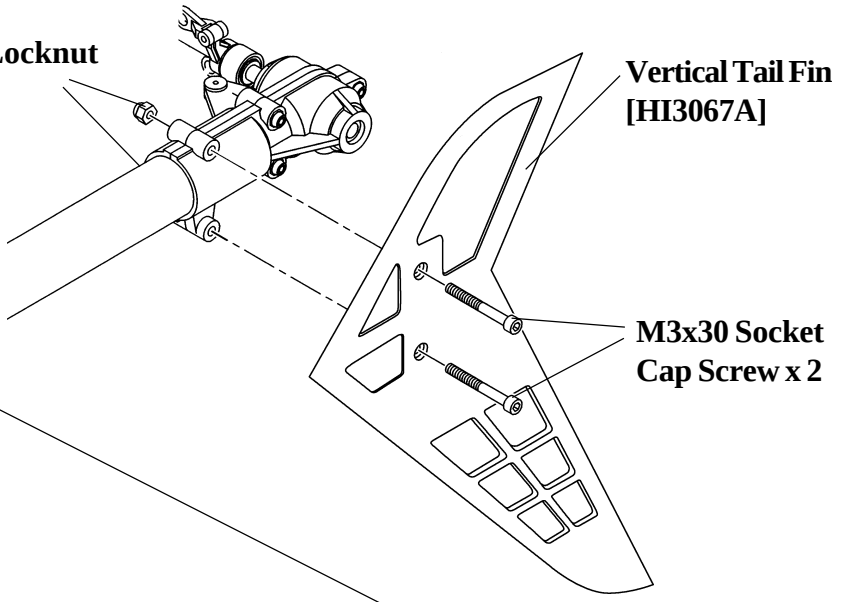
Tip **Grease to be used inside the tail gearbox should be a teflon or light lithium type of grease commonly found in a hobbyshop. Do not use grease or any type of lubricant on the remaining gears on the helicopter because they are exposed and can actually attract dirt and debris that can lead to a failure.**

Step 36 Vertical Tail Fin Assembly

Install the Vertical Fin with two 3x30mm Socket Cap Screws and M3 locknuts through the mounts in the front end of the tail rotor gearbox.



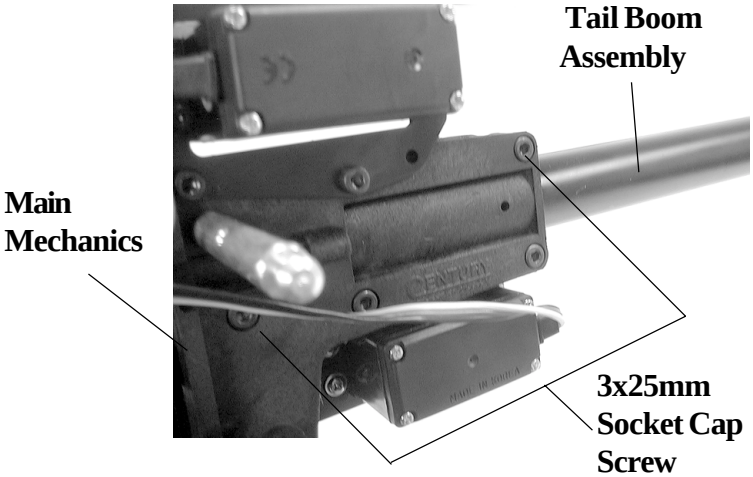
Step 37 Tail boom Final Assembly

From parts bag 2: Insert one 3x25mm Socket Cap Screw into the lower position of the tail output bearing recess and secure with a locknut from the other side.

Attach the tail boom assembly to the main mechanics by sliding the tailboom tube into the hole in the rear of the upper frame. The screws previously installed to mount the rear and rudder servos may need to be loosened.

R-30

Slowly press the tailboom in, being careful to engage the drive wire the flattened end into the tail rotor output gear shaft. The slots on the end of the tailboom will self align with molded pins inside the upper side frame. As the upper frame is assembled at this point, just take your time and the wire will slide in. Once engaged, press the tail boom in completely to fully seat it. Tighten all four Socket Cap Screws firmly to secure the tailboom.



R-50

Slowly press the tailboom in, once the end of the torque tube drive shaft first touches the drive coupler, slowly rotate the tail blades while applying a small forward pressure. As soon as the two are aligned continue pressing in the tailboom until fully seated. Tighten all four Socket Cap Screws firmly to secure the tailboom.

Connect the short 'z' bent rudder pushrod at this time.