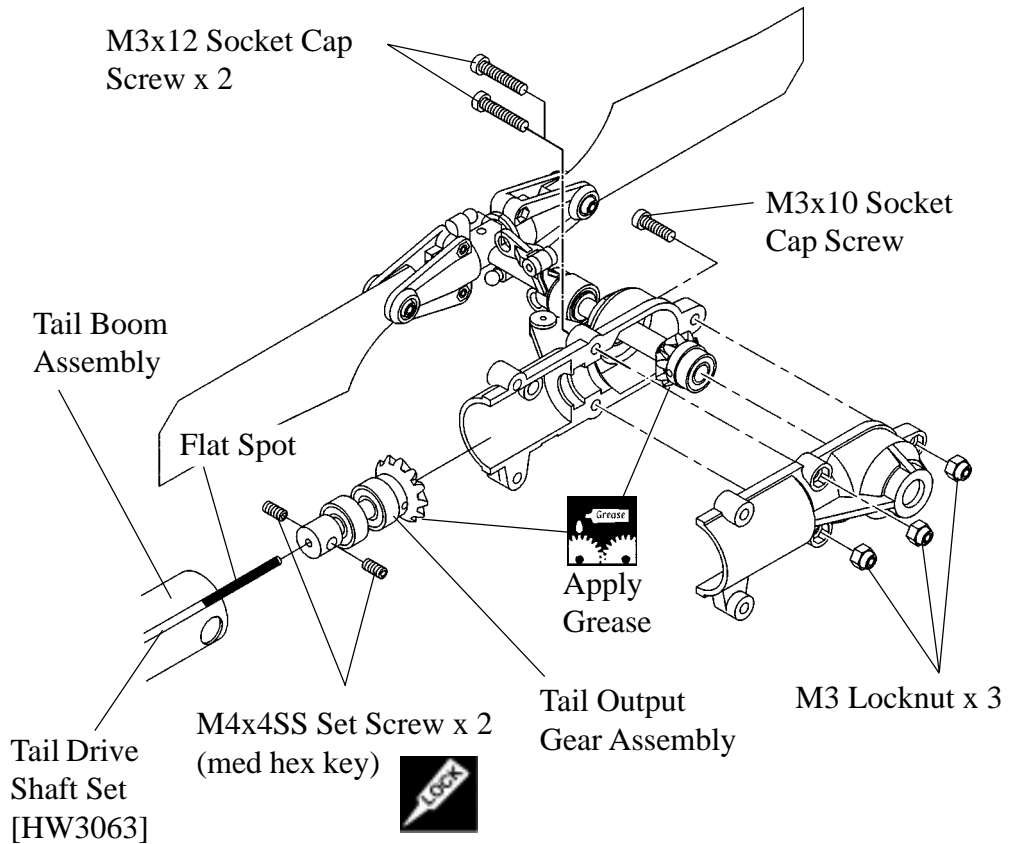


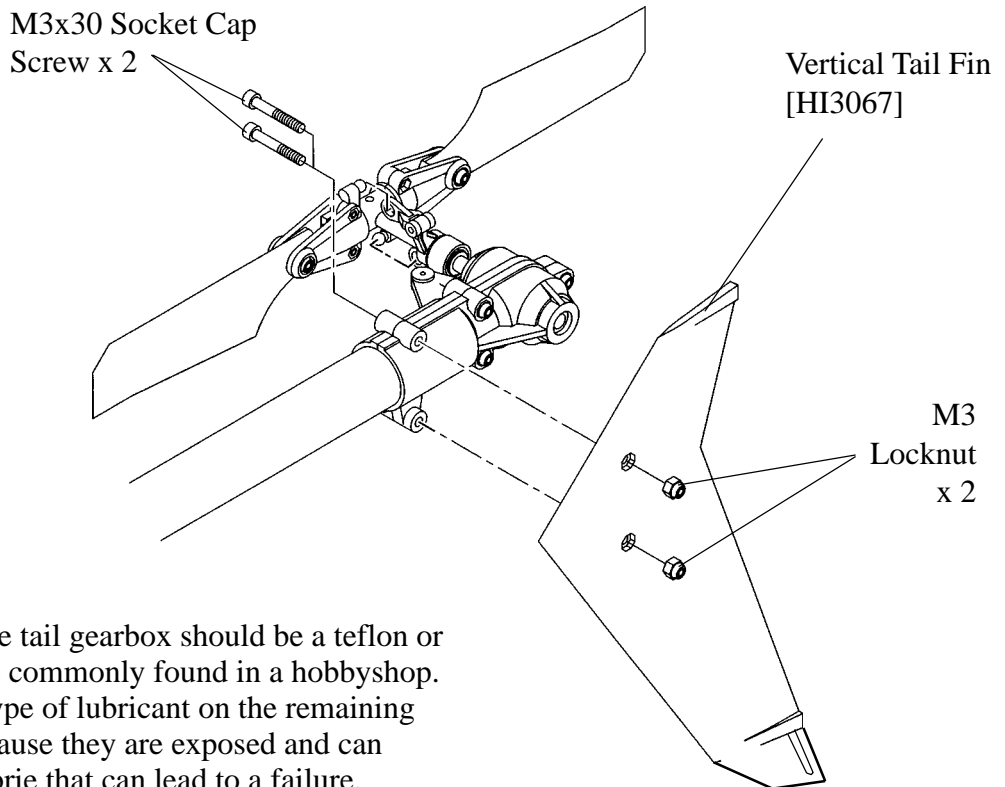
# STEP 35 Tail Gearbox

## STEP 35

Attach the tail output gear assembly on to the drive shaft with two 4x4mm Set Screws ( **make sure the flat spot is aligned with one of the set screws** ) using threadlock (see tip). 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 closing the gearbox. Position the gear box halves over the holes in the end of the tail boom and secure with one 3x10mm Socket Cap Screw and M3 locknut at the end of the gearbox and two 3x12mm Socket Cap Screws with M3 locknuts at the center of the gearbox. 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.



**Tip** Apply red locktite to the drive shaft end and insert into the gearbox input shaft. Do not use on set screws, only locking the wire shaft to the input shaft.



**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.