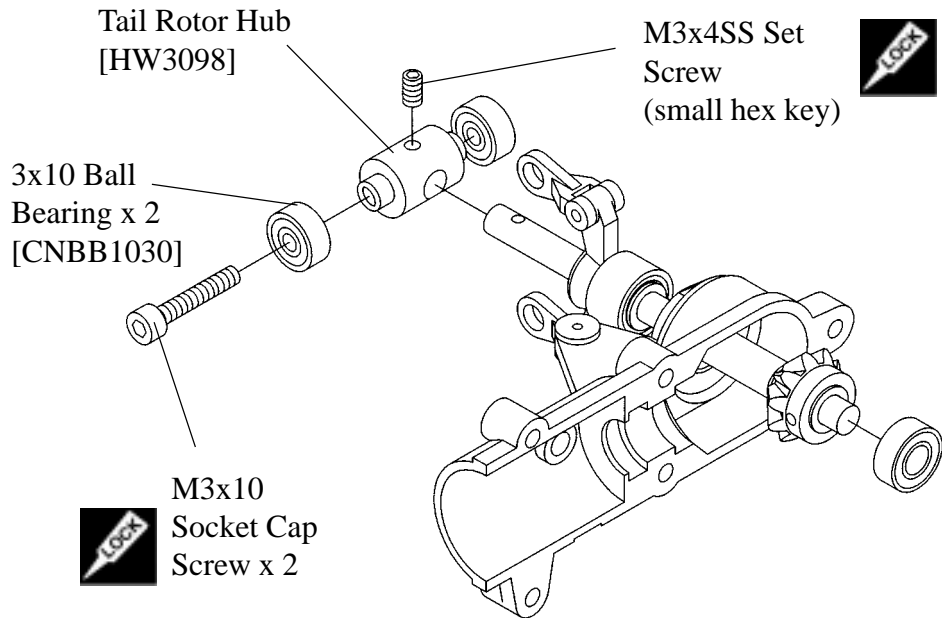


STEP 31-32 Tail Rotor Hub & Tail Rotor Grips

STEP 31

From parts bag 7, install the Tail Rotor Hub on to the tail rotor drive shaft, (**position the hub so the hole is aligned over the hole in the shaft**) and secure with one 3x4 mm Set Screw using threadlock. Using one 3x16mm Socket Cap Screw, attach one Ball Bearing on each side of the hub assembly using threadlock (**apply the threadlock to the threads in the hub to avoid getting threadlock into the bearings**).

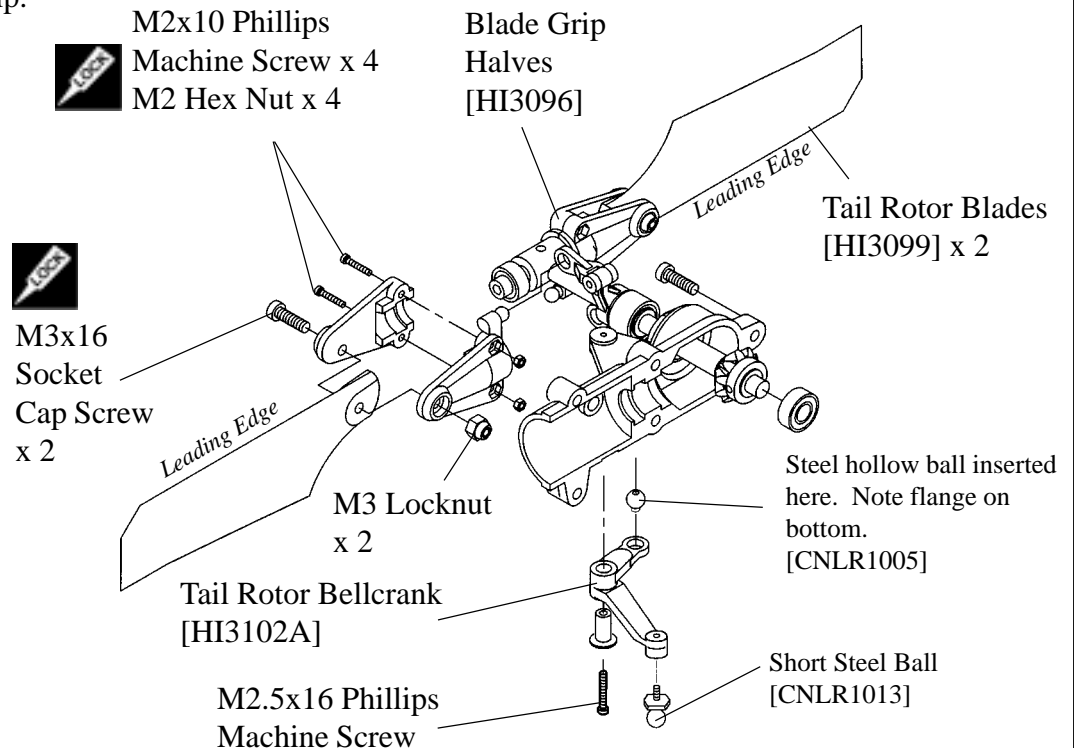


STEP 32

From parts bag 7, assemble the Blade Grip Halves over the bearings with the nuts on the gearbox side using two 2x10mm Phillips Machine Screws and 2mm Nuts using threadlock. Snap the ball on the tail rotor grip into the adjoining pitch slider link on both sides.

Install the Tail Rotor Blades using two 3x16mm 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.

Press a steel hollow ball with the flange on the bottom into the Tail Rotor Bellcrank, install the Steel Ball, threaded from the bottom of the bellcrank and install the tail bellcrank arm on to the tail rotor gear box with one 2.5x16mm Phillips Machine Screw, inserted through the brass bushing with the washer side on the bottom (**make sure the steel ball is engaged on the pin of the tail rotor pitch slider assembly**).



After flying the model, if a vibration is noticed on the vertical or 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.