

# STEP 28-30 Tail Rotor Output Assembly

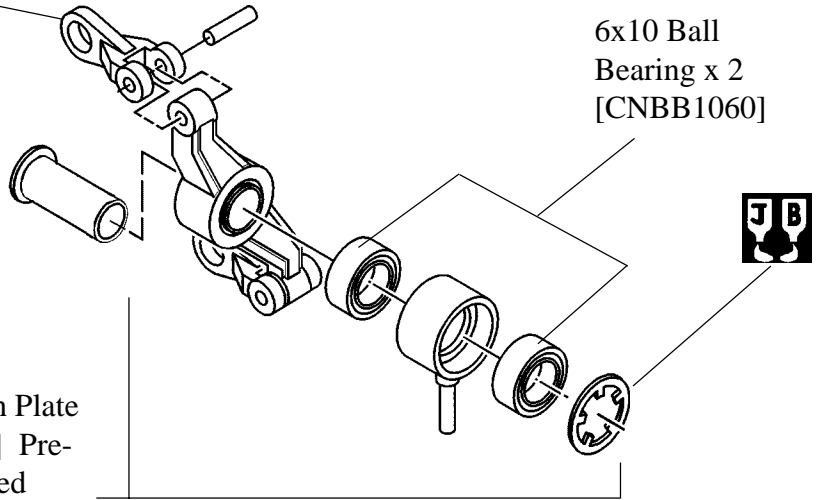
## STEP 28

From parts bag 7, the Tail Pitch Plate and Tail Pitch Ball Links are pre-assembled. (**Note: apply some JB weld to the outside of the lock ring to avoid the assembly loosening.**) Put this assembly aside for now.

Tail Pitch Ball Links x 2  
M2x8 Pin x 2  
[HI3089]

6x10 Ball Bearing x 2  
[CNBB1060]

Tail Pitch Plate [HI3087] Pre-Assembled



## STEP 29

From parts bag 7, assemble the Tail Rotor Output Shaft by sliding two Ball Bearings on to the shaft followed by the large Bevel Gear. Align the holes on the gear with the shaft and press in one 2x12mm Pin and secure with one 3x4mm Set Screw (**Tip 1**) using threadlock.

Large Bevel Gear [HI3075]

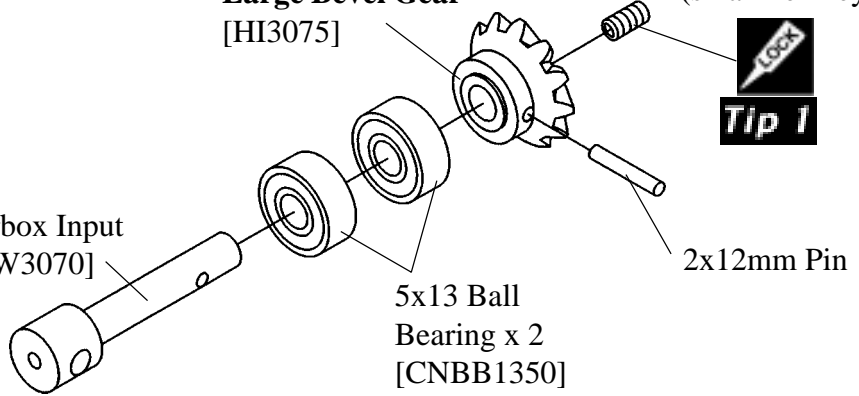
M3x4SS Set Screw (small hex key)



Tail Gearbox Input Shaft [HW3070]

5x13 Ball Bearing x 2 [CNBB1350]

2x12mm Pin



## STEP 30

Slide two Ball Bearings on each side of the Tail Rotor Drive Shaft assembly and insert through the right side of the Tail Rotor Gearbox Housing, make sure the bearing is fully seated into the recess. Slide the tail rotor pitch plate assembly on the shaft.

Tail Pitch Plate Assembly

5x11 Ball Bearing x 2 [CNBB1150]

Gearbox Housing [HI3078] Right Hand Side

Small Bevel Gear

