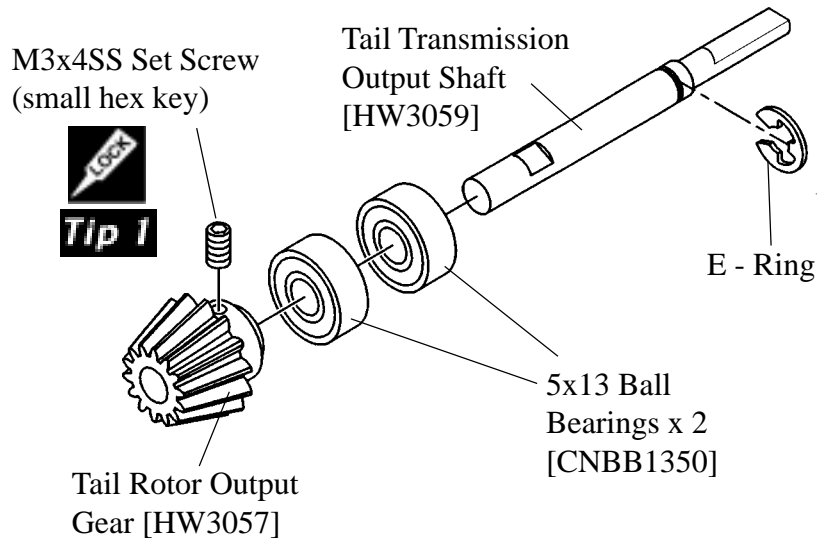


# STEP 9-10 Output Shaft & Counter Gear

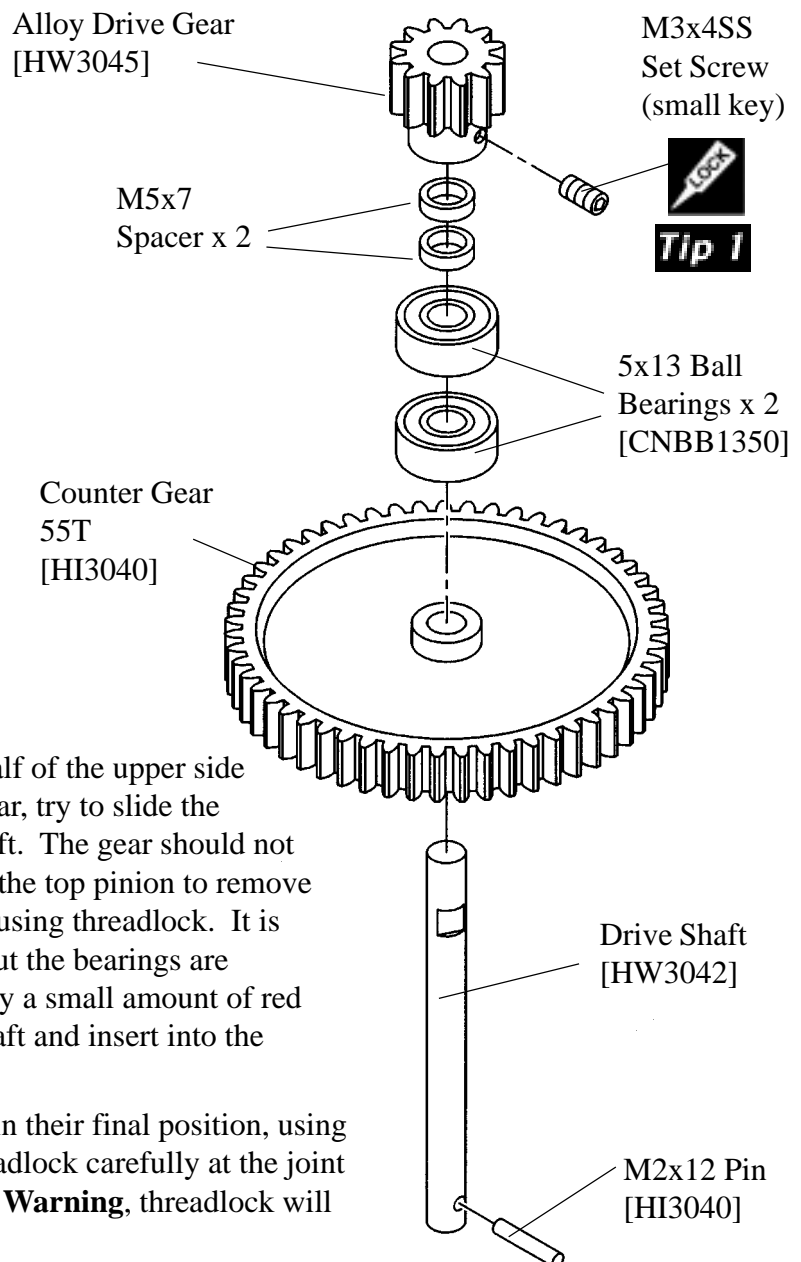
## STEP 9

From parts bag 2, assemble the Tail Transmission Output Gear. Install the E-Ring then slide two Ball Bearings onto the Tail Rotor Output Shaft. Insert one 3x4mm Set Screw (**Tip 1**) using thread-lock into the gear, note where the flat spot is on the shaft and slide the gear on and tighten the set screw ( **Make sure the set screw is positioned over the flat spot** ).



## STEP 10

From parts bag 2, assemble the engine drive gear assembly, start by pressing the guide pin into the hole in the end of the Drive Shaft. Insert the shaft through the Counter Gear ( **make sure the pin is fully seated in the recessed side of the gear** ) then slide the two M5x13 Ball Bearings followed by M5x7 spacers. Insert one 3x4mm Set Screw (**Tip 1**) into the Alloy Drive Gear, then slide the gear onto the shaft taking care to position the set screw over the flat spot on the shaft.



**Tip 1** Test fit the gear assembly into one half of the upper side frames. While holding the pinion gear, try to slide the counter gear up and down on the shaft. The gear should not slide up the shaft, if it does, readjust the top pinion to remove the slop and re-tighten the set screw using threadlock. It is important that there is no free play but the bearings are turning freely when assembled. Apply a small amount of red locktight to the top of the counter shaft and insert into the pinion gear.(not the set screw).

**Tip 2** Expert tip, once all components are in their final position, using a needle apply one drop of blue threadlock carefully at the joint between each bearing and the shaft. **Warning**, threadlock will damage a bearing.