

Step 17 Collective and Aileron Levers

From parts bag 2, press in two M6x10 ball bearings into the front side frames for the collective axle. Using threadlock, attach the front Collective Arm Spacer (hex) and the Collective Axle (6mm dia) to the Right Collective arm (notice that the axle is attached at the middle hole) with the two M3x7 washers and the two 3x10mm Socket Cap Screws. Slide the assembly through the ball bearings in the upper frame sides from the right and attach the two Left Collective Arms with the two m3x7 washers and threadlock (**Tip 1**) on the two 3x10mm Socket Cap Screws. Tighten the screws until the collective levers move freely with no side to side play. Using threadlock, install one Short Ball on to the collective lever.

Make two aileron/roll bellcranks. Press one 3x7mm Ball Bearing into one side followed by the 3x5mm spacer and the one more bearing from the opposite side. Install the two short balls as shown on the side of the bellcrank **with the longer part of the bearing seat**. (see **Tip2**). Starting on the left side, remove the 3x30mm Socket Cap Screw and short spacer from the **elevator bellcrank** (previously assembled in Step 15), slide the left aileron bellcrank onto the screw and slide one 3x5x0.5 washer before inserting through the left collective lever. Apply threadlock to the end of the screw threads now and slide onto the short spacer and tighten into the elevator bellcrank axle. Repeat for the other side.

Slide one Threaded Extension Rod through the upper position of the tail output bearing recess and secure two canopy standoffs (one per side) using threadlock (**Tip1** - these are to attach the canopy).

