

STEP 15 Collective and Aileron Levers

STEP 15

From parts bag 2, press in two M6x10 ball bearings into the front side frames for the collective axle. 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) using two 3x10mm Socket Cap Screws using threadlock. Slide the assembly through the ball bearings in the upper frame sides from the right and attach the two Left Collective Arms with two 3x10mm Socket Cap Screws (**Tip 1**) using threadlock (tighten the screws until the collective levers move freely with no side to side play.) Install one Short Ball on to the collective lever using threadlock.

The left Aileron Bellcrank has two oilite bearings pre-installed into the bellcrank, insert two Short Balls and insert the slide tube through the bellcrank using a small amount of lubricant (**the bellcrank is offset, make sure the slide tube is inserted from the offset side**). Starting on the left side, remove the 3x30mm Socket Cap Screw, short spacer and washer from the **elevator bellcrank** (previously assembled in Step 12), slide the left aileron assembly onto the screw and insert through the left collective lever. Apply threadlock to the end of the screw threads now and slide the short spacer and the 3mm washer before tightening 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 Short Hex Standoffs (one per side) using threadlock (these are to attach the canopy).

