

STEP 15 Collective and Aileron Levers

From parts bag 2: Press in two M6x10 ball bearings into the front side frames for the collective axle. Insert two M3x10 Socket Cap Screws through the right (R) Collective arm and attach the collective axle (notice that the round 6mm collective axle is attached at the middle hole) and hex spacer using threadlock. Slide the assembly through the ball bearings in the upper side frames from the right. Using threadlock attach the Left Collective Arms with two M3x10 Socket Cap Screws. Tighten the screws insuring the collective lever moves freely with no side to side play. Install one M3 Short Ball on to the collective lever using threadlock.

The left Aileron Bellcrank has two oilite bearings pre-installed into the bellcrank, install the two Short Balls to the flat side 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 and short spacer 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 on the short spacer 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 Canopy Standoffs (one per side) using threadlock.

