

### STEP 3-3 Collective and Aileron Levers

### Sub Assembly 3 Main Mechanics

From parts bag 2: Press in two M6x10 ball bearings into the front side frames for the collective axle. Using threadlock, insert two M3x10 Socket Cap Screws through the right (R) Collective arm (notice that the **round** 6mm collective axle is attached at the middle hole) and slide two M3x7 Flat Washers before attaching the collective axle and the front hex spacer. Remove any extra threadlock from the axle and spacer. Slide the assembly through the ball bearings in the upper side frames from the right. Using threadlock on the inside threads, attach the left (L) Collective Arms with two M3x10 Socket Cap Screws insuring the two M3X7 washers are on the inside. Tighten the screws until 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 "A" side (outside) 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 "A" side also**). Starting on the left side, remove the M3x30 Socket Cap Screw and short spacer from the elevator bellcrank (previously assembled), and 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.

