

## ASSEMBLY GUIDE - X-SERIES J-HOOK v2

### PARTS:

- (2) J-Hook Plate Left (with Low Tail)
- (2) J-Hook Plate Right
- (2) J-Hook Upright Tube with Machined Stainless-Steel Pin
- (2) J-Hook Horizontal Tube
- (2) 0.5" UHMW
- (2) 0.25" UHMW
- (2) 3.25" x 0.985" OD - UHMW ROLLER
- (4) 2x3" Plastic End Caps
- (2) 2x3" Plastic End Caps with V-Cut

### HARDWARE:

- (2) ½" x 4" BOLT
- (2) ½" Lock Washer
- (4) ½" SAE Flat Washer
- (2) ½" NUT
- (8) 3/8" x 4" BOLT
- (8) 3/8" Lock Washer (SPLIT WASHER)
- (16) 3/8" SAE Flat Washer
- (8) 3/8" NUT
- (4) #10 x 1" Flat Socket Cap
- (2) #10 x 0.75 Flat Socket Cap
- (6) #10 Fine-Thread Nut

### TOOLS REQUIRED:

- (1) 9/16" Wrench
- (1) 9/16" Socket with Ratchet
- (1) 3/4" Wrench
- (1) 3/4" Socket with Ratchet
- (1) #3 Allen Key or Socket Key
- (1) 3/8" Wrench
- (1) Rubber Mallet

### SPECIAL NOTE:

Proper orientation of 3/8" BOLT Assembly

BOLT | WASHER | J-HOOK LOW TAIL | TUBE | J-HOOK PLATE | WASHER | LOCK WASHER | NUT

## **INSTRUCTIONS:**

### **STEP 1. – TOOLS REQUIRED (#3 Allen and 3/8" wrench)**

Using the 0.5" UHMW and J-Hook Upright Tube, line-up all of the holes of the two parts (THE LARGE HOLE WILL SIT AROUND THE PRE-INSTALLED JAM NUT). Ensure that the counter sink-hole face outward. Using the #10 x 1" Flat Socket Cap feed through the hole and secure in place with the #10 Fine-Thread Nut. FASTEN COMPLETELY.

### **STEP 2. TOOLS REQUIRED (#3 Allen and 3/8" wrench)**

Using the 0.25" UHMW and J-Hook Horizontal Tube, line-up the center holes of the two parts (the J-Hook Horizontal Tube is symmetrical). Ensure that the counter sink-hole face outward. Using the #10 x 1" Flat Socket Cap feed through the hole and secure in place with the #10 Fine-Thread Nut. FASTEN COMPLETELY.

### **STEP 3.**

Using the J-Hook Plate Left (with Low Tail), J-Hook Upright (ensure the stainless-steel pin faces the opposite direction of the "J Cup"), and J-Hook Plate Right line-up topmost hole of the three components. Use one 3/8" x 4" bolt, washers, lock washer, and nut and assemble by hand. DO NOT TIGHTEN YET.

### **STEP 4.**

Repeat Step 3 for the bottom hole.

### **STEP 5.**

Using the J-Hook Horizontal Tube slide the part carefully between the assembly created in Step 3 & 4. Ensure that all holes line-up and then install 3/8" x 4" Bolt, washers, lock washer, and nut.

### **STEP 6.**

Using a Rubber Mallet install 2x3" Plastic End Caps in the J-Hook Upright Tube.

### **STEP 7.**

Using a Rubber Mallet install 2x3" with V cuts into the J-Hook Horizontal Tube.

### **STEP 8.**

Using 9/16" Wrench and Socket, FASTEN ALL HARDWARE COMPLETELY. Secured hardware should be inspected to ensure the Lock Washer (Split) is completely flat, and that the nut and bolt assembly cannot be turned by hand.

### **STEP 9.**

Using 3/4" Wrench and Socket install 1/2" x 4" BOLT through the LOW TAIL of the Left J-Hook Plate Rear hole then place the UHMW Roller over the BOLT and Secure tight using washer, lock washer, and NUT.

**STEP 10.**

Repeat Step 1 to 10, ensure that the LOW TAIL is on the opposite side of the tube. This will provide mirror image J-Hooks. When using the J-Hooks the Low Tail should always be on the outer-side of the rack.