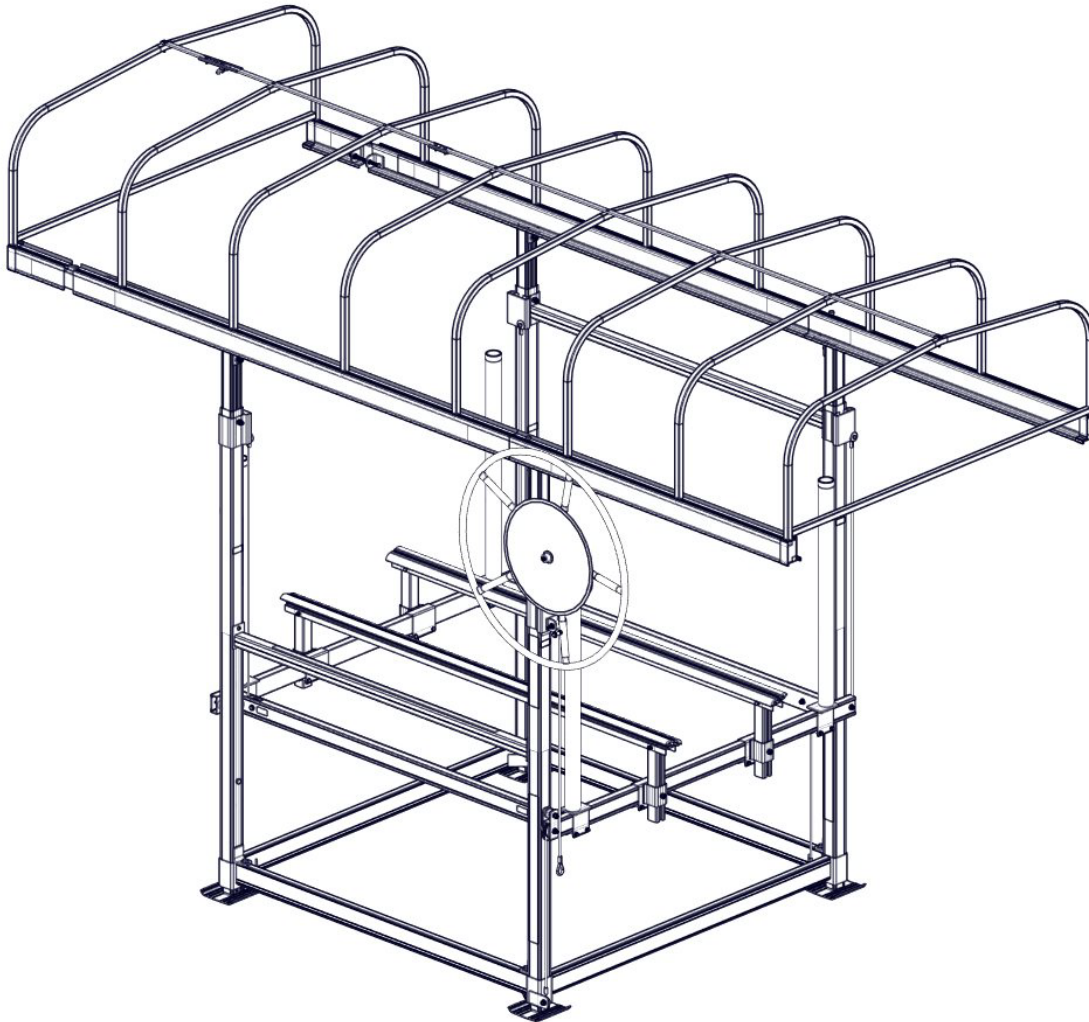


FLOE V1600 PWC CANOPY FRAME

ASSEMBLY INSTRUCTIONS

KIT P/N 511-06600-00



*LIFT NOT INCLUDED

TOOLS REQUIRED
-7/16" SOCKET
-7/16" WRENCH
-3/4" SOCKET
-3/4" WRENCH
-9/16" WRENCH
-TORQUE WRENCH
-TAPE MEASURE

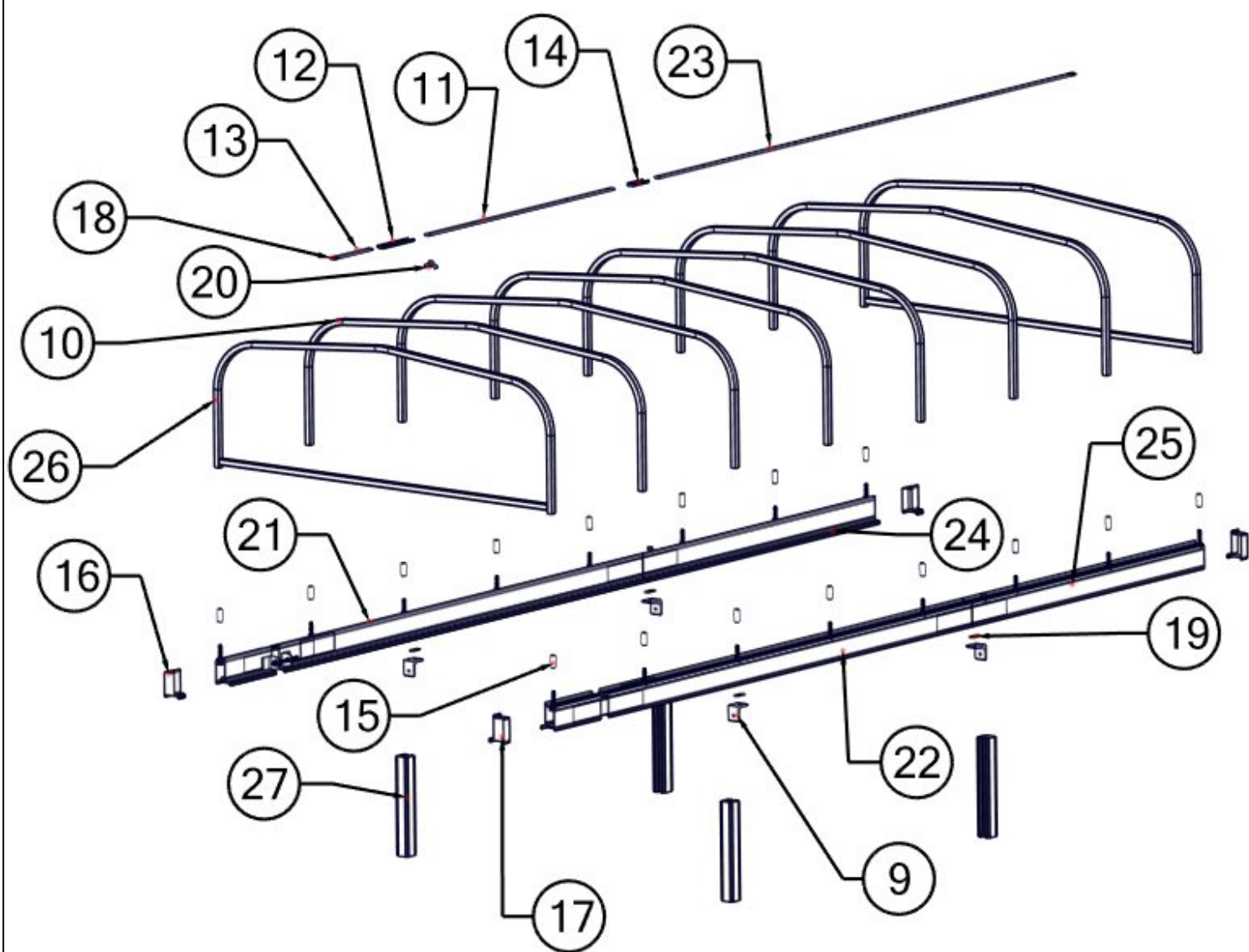
BILL OF MATERIALS

P/N 511-06600-00		FRAME, 5.75' x 14' CANOPY	
NUMBER	PART NUMBER	QTY.	DESCRIPTION
*1	001-70207-00	13	HHCS, 1/2-13 x 1 1/4" 18-8 ss
*2	001-71021-00	7	FLAT WASHER, 1/2" 18-8 SS
*3	001-74419-00	2	CB, 1/4-20 x 1 3/4" ss 18-8
*4	001-74420-00	5	CB, 1/4-20 x 1" ss 18-8
*5	001-74422-00	13	CB, 1/4-20 x 1 1/2" ss 18-8
*6	001-76072-00	11	NUT, NYLOCK 1/2-13 ALUM.
*7	001-76347-00	19	NUT, 1/4-20 ALUM.
*8	001-76350-00	2	NUT, 1/2-13 ALUM.
9	002-04131-00	4	ANGLE, 2.5" x 2.5" x 2" LG.
10	002-04414-00	6	HOOP, PWC CANOPY
11	002-04470-00	1	RAIL, CANOPY CENTER – 48"
12	002-04518-00	1	EXTENSION, CHANNEL GUIDE
13	002-04519-00	1	RAIL, CANOPY EXTENSION 9.875"
14	002-04520-00	2	SPLICE CHANNEL (4") CTR RAIL
15	006-10603-00	16	TUBE, 1/2" VINYL – 2"
16	006-15010-00	2	CAP, VINYL – CANOPY RAIL LEFT
17	006-15012-00	2	CAP, VINYL – CANOPY RAIL RIGHT
18	006-16013-00	1	VINYL, CAP 1" x 1" x 1/4"
19	012-00100-00	4	WASHER, CANOPY RAIL INSERT
20	014-00030-00	1	KNOB, CANOPY CENTER RAIL ADJ.
21	112-00059-00	1	ASS'Y, 9' ADJ. MAIN RAIL (A)
22	112-00060-00	1	ASS'Y, 9' ADJ. MAIN RAIL (B)
23	112-00079-01	1	ASS'Y, 107.813" ADJ. CENTER RAIL
24	112-00086-00	1	ASS'Y, MAIN RAIL – 5' (A)
25	112-00087-00	1	ASS'Y, MAIN RAIL – 5' (B)
26	112-00155-00	2	WELD'T, END HOOP PWC
27	910-16102-00	4	TUBE, INNER LIFT/DOCK 16.25"

*NOT SHOWN IN EXPLODED VIEW

EXPLODED VIEW

P/N 511-06600-00

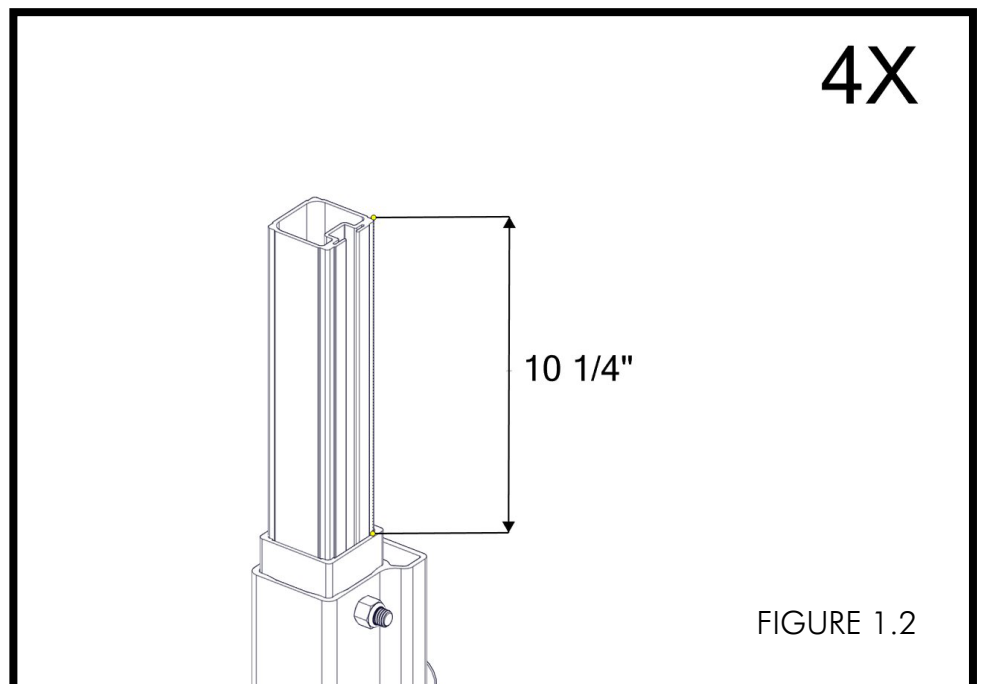
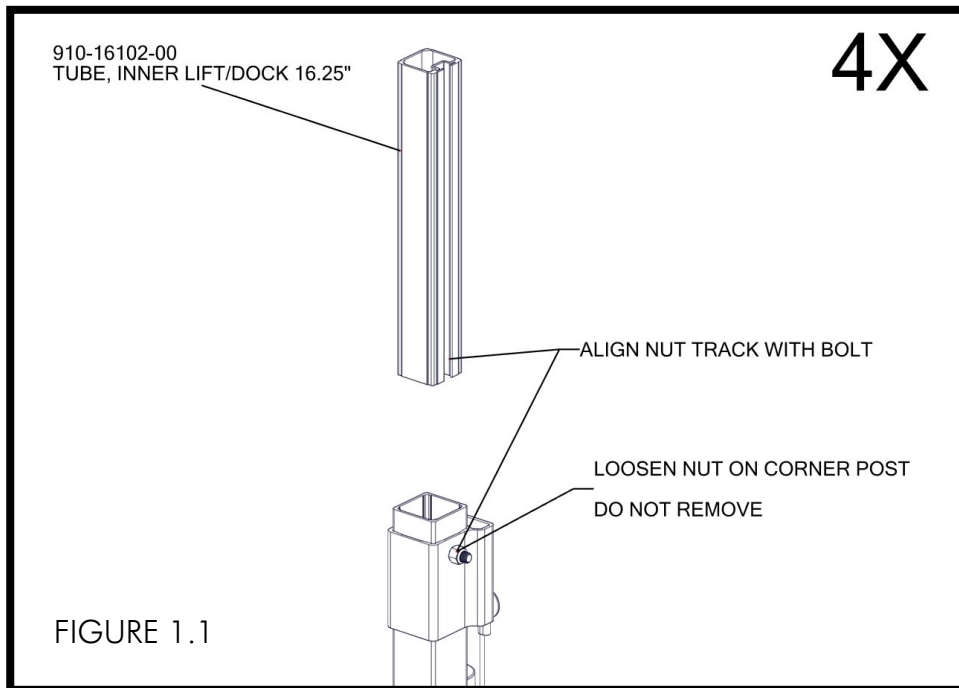


STEP 1

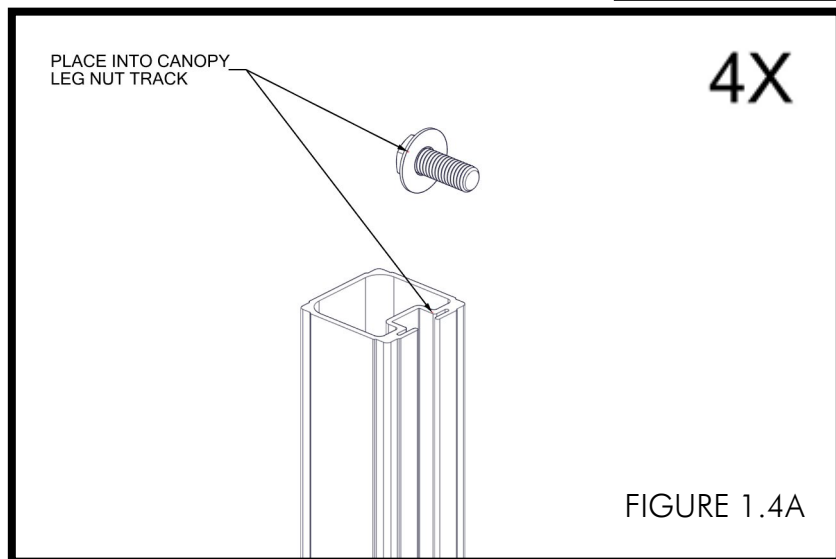
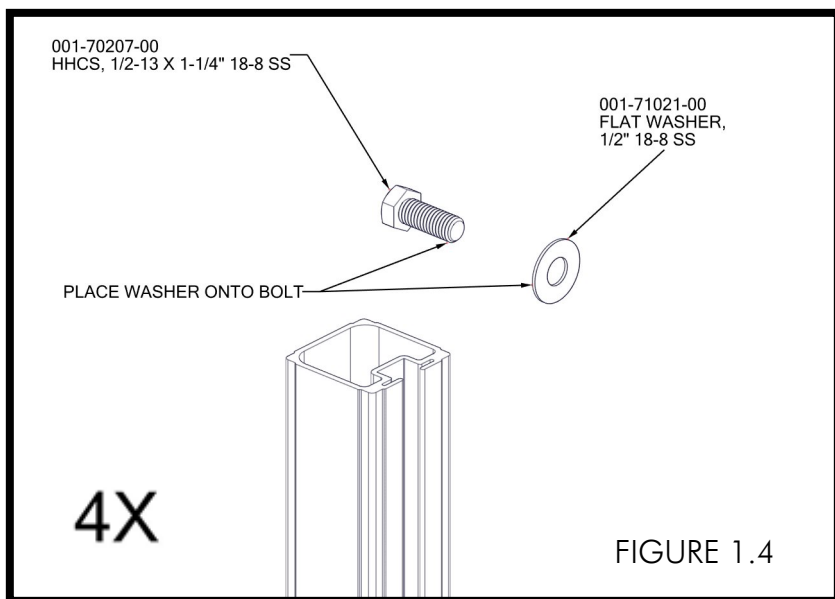
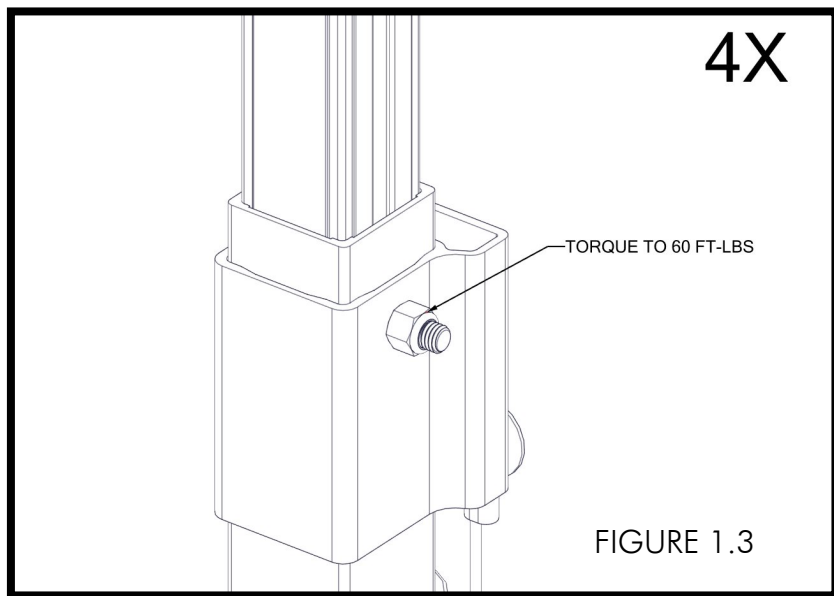
-INSTALL CANOPY LEG INSERTS

-INSTALL ANGLE BRACKETS

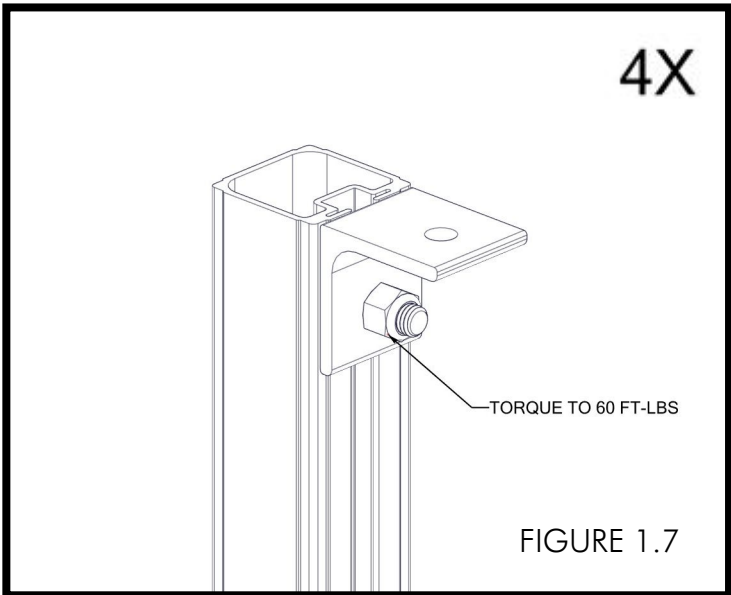
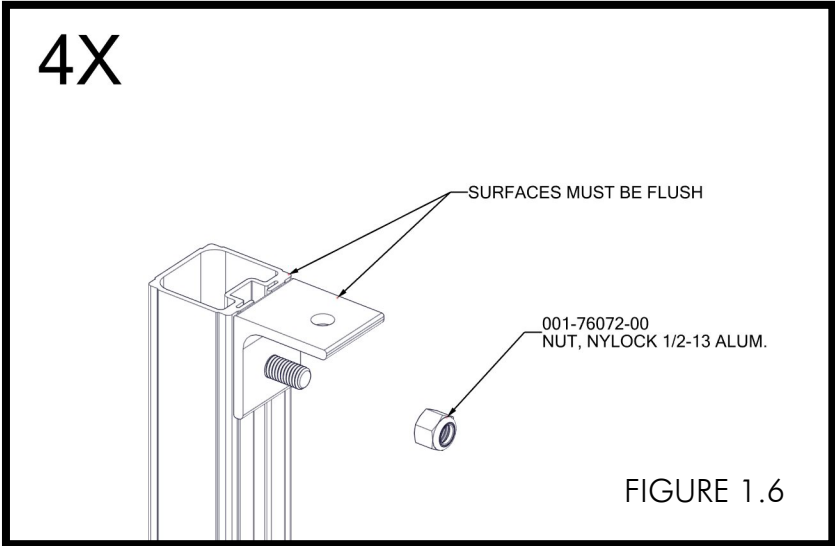
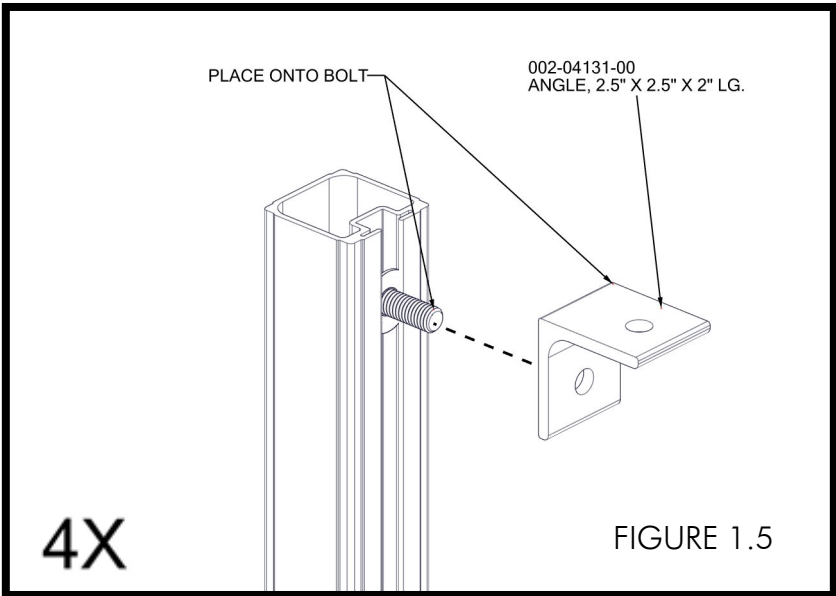
LOOSEN NUT ON EACH OF CORNER POSTS, BUT DO NOT REMOVE. SLIDE CANOPY LEG INSERT INTO CORNER POST (FIGURE 1.1). CANOPY LEGS MUST BE INSERTED TO BE 10 1/4" FROM TOPS OF CORNER POSTS (FIGURE 1.2).



TORQUE NUT TO 60 FT-LBS (FIGURE 1.3). PLACE A 1/2" WASHER ONTO EACH 1/2 x 1-1/4" BOLT (FIGURE 1.4) AND SLIDE INTO EACH CANOPY LEG INSERT (FIGURE 1.4A).



ATTACH ANGLE BRACKET (FIGURE 1.5) USING (1) 1/2" NYLOCK NUT PER BRACKET (FIGURE 1.6). TORQUE TO 60 FT-LBS (FIGURE 1.7).

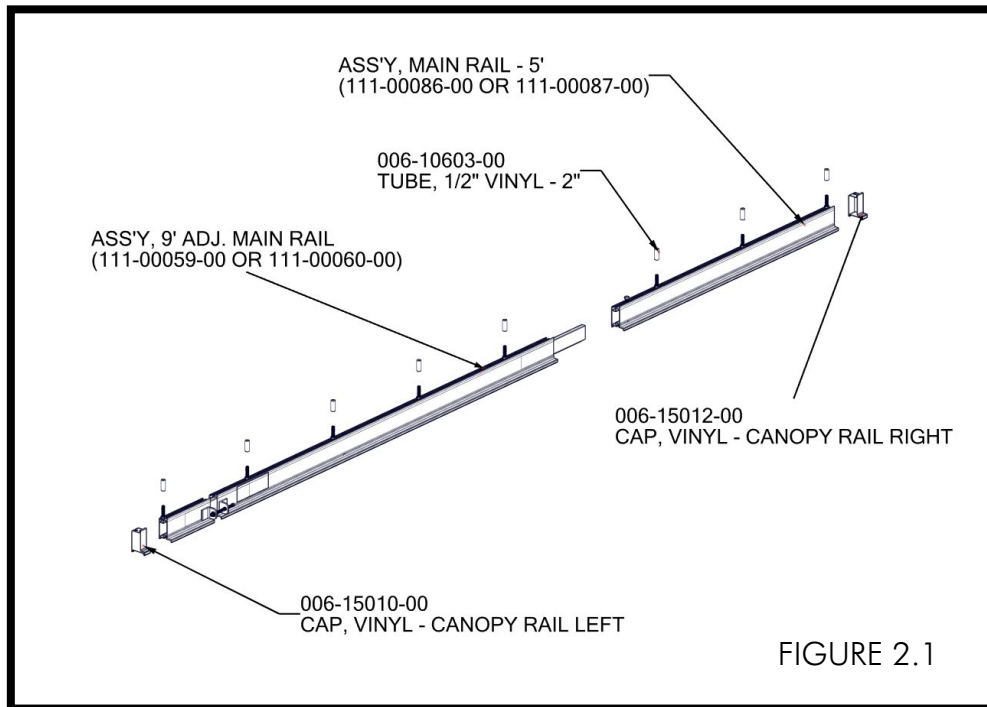


STEP 2

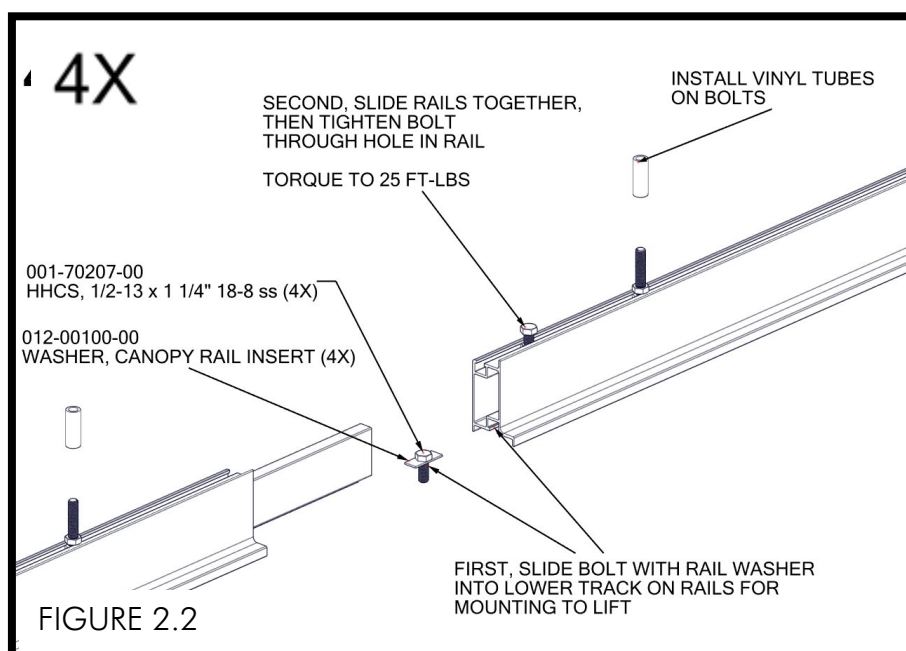
-LAY OUT RAILS

-ASSEMBLE RAILS

LAY RAILS OUT FOR BOTH SIDES (FIGURE 2.1).



SLIDE 1/2" x 1-1/4" BOLT WITH WASHER INTO LOWER TRACK ON RAILS, SLIDE RAILS TOGETHER, AND TORQUE TO 25 FT-LBS (FIGURE 2.2).

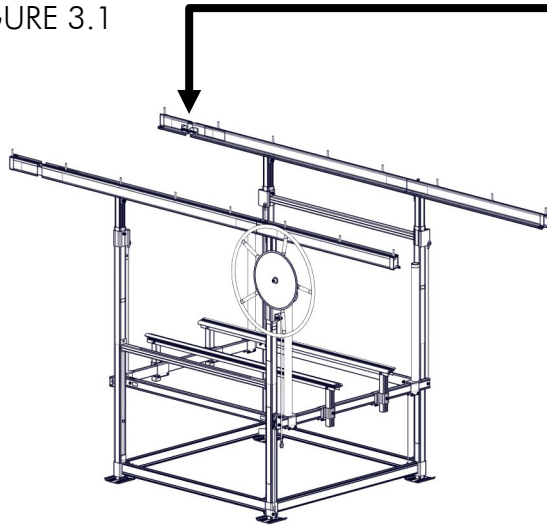


STEP 3

-ATTACH RAILS TO LIFT

PLACE RAILS ON LIFT (FIGURE 3.1). NOTE THAT THE MAIN RAILS MUST BE POSITIONED SO THE ADJUSTING BOLT IS ON THE INSIDE OF THE LIFT AND OVER THE BACK OF THE WATERCRAFT (FIGURE 3.2).

FIGURE 3.1



THE MAIN RAILS MUST BE POSITIONED SO THE ADJUSTING BOLT IS ON THE INSIDE OF THE LIFT AND OVER THE BACK OF THE WATERCRAFT

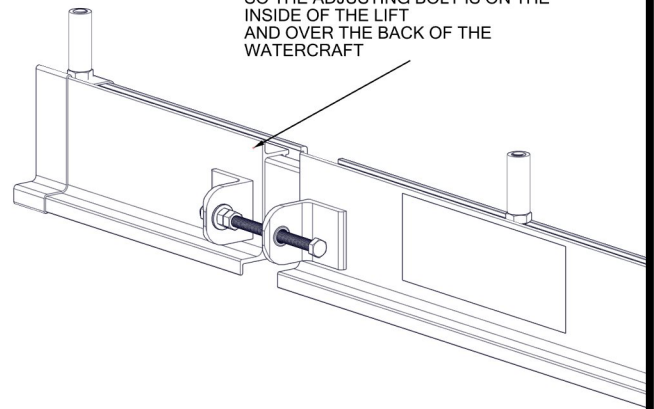
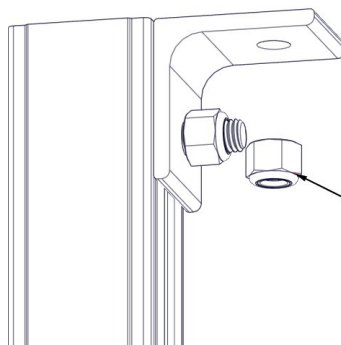


FIGURE 3.2

SLIDE THE 1/2" BOLTS WITH RAIL WASHERS TO THEIR APPROXIMATE LOCATION. RAILS WILL BE SET IN PLACE WITH BOLTS THROUGH HOLES IN ANGLE BRACKETS. PLACE 1/2" WASHER AND 1/2" NUT ON EACH BOLT. DO NOT TORQUE (FIGURE 3.3).

SLIDE THE 1/2" x 1 1/4" BOLTS AND RAIL WASHERS TO THEIR APPROXIMATE LOCATION. RAIL WILL BE SET IN PLACE WITH BOLTS THROUGH HOLES IN ANGLE BRACKETS

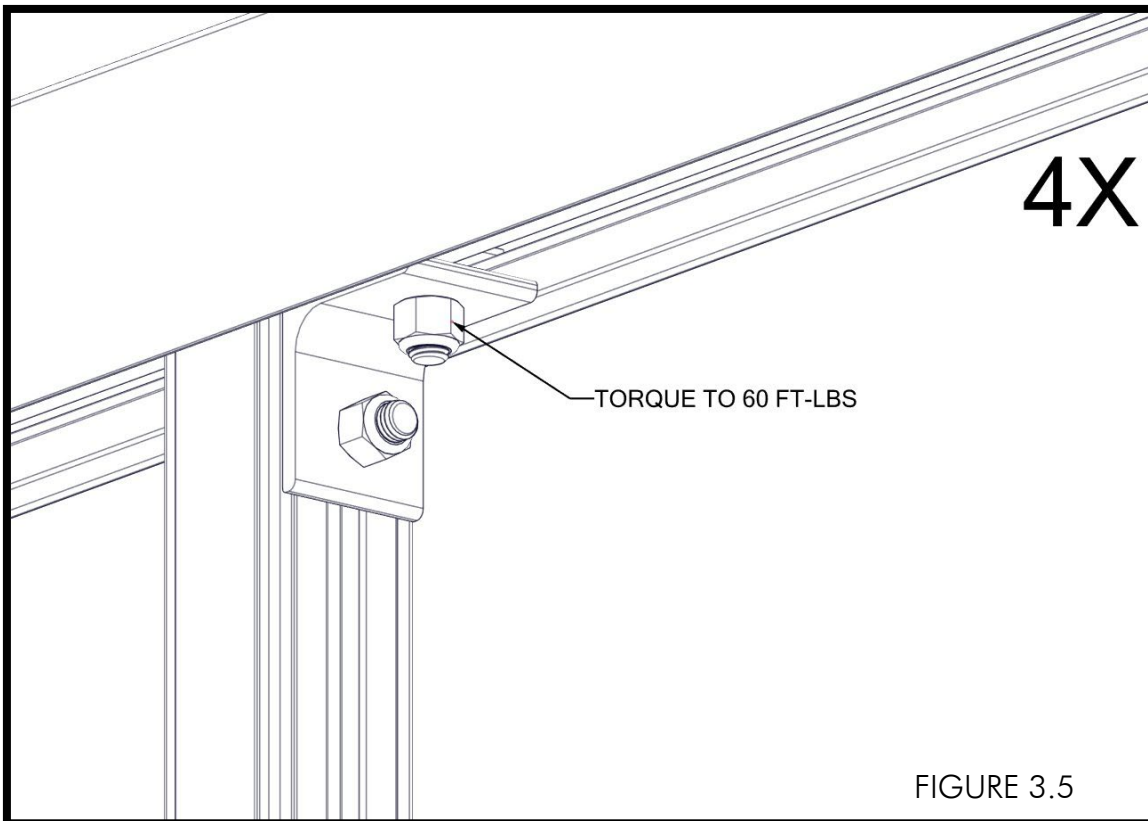
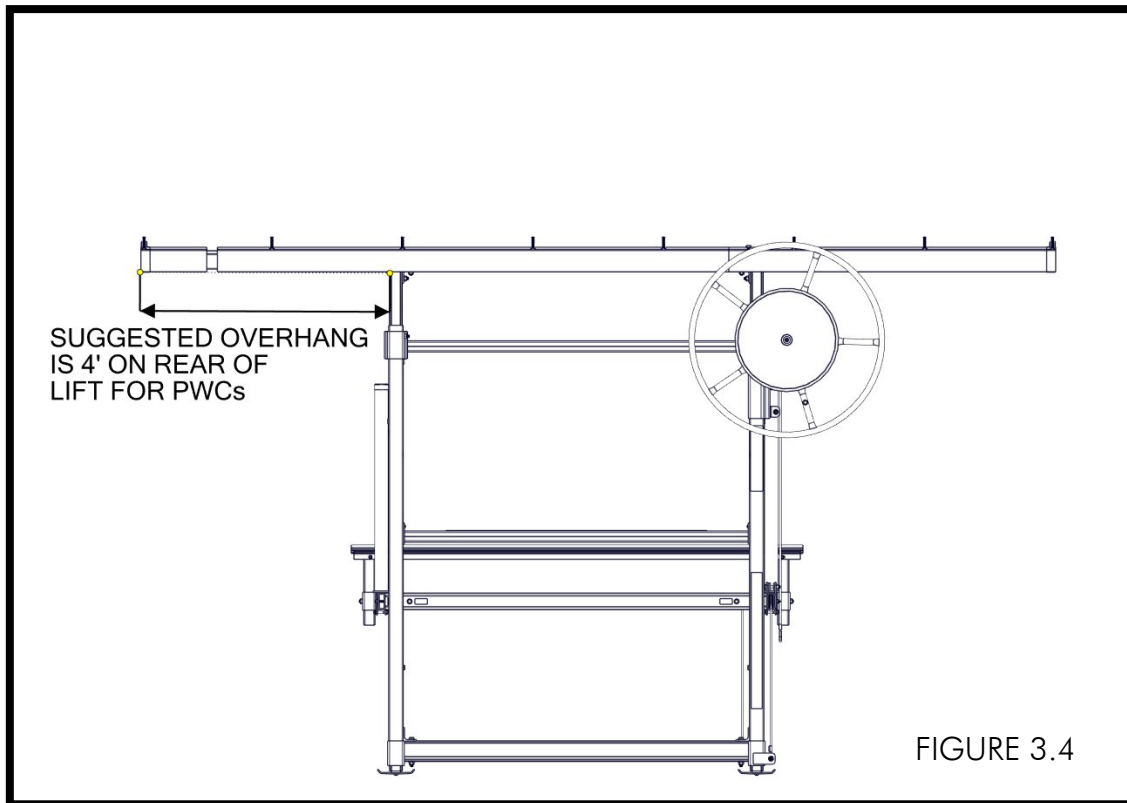
4X



001-76072-00
NUT, NYLOCK 1/2-13 ALUM.
DO NOT TORQUE

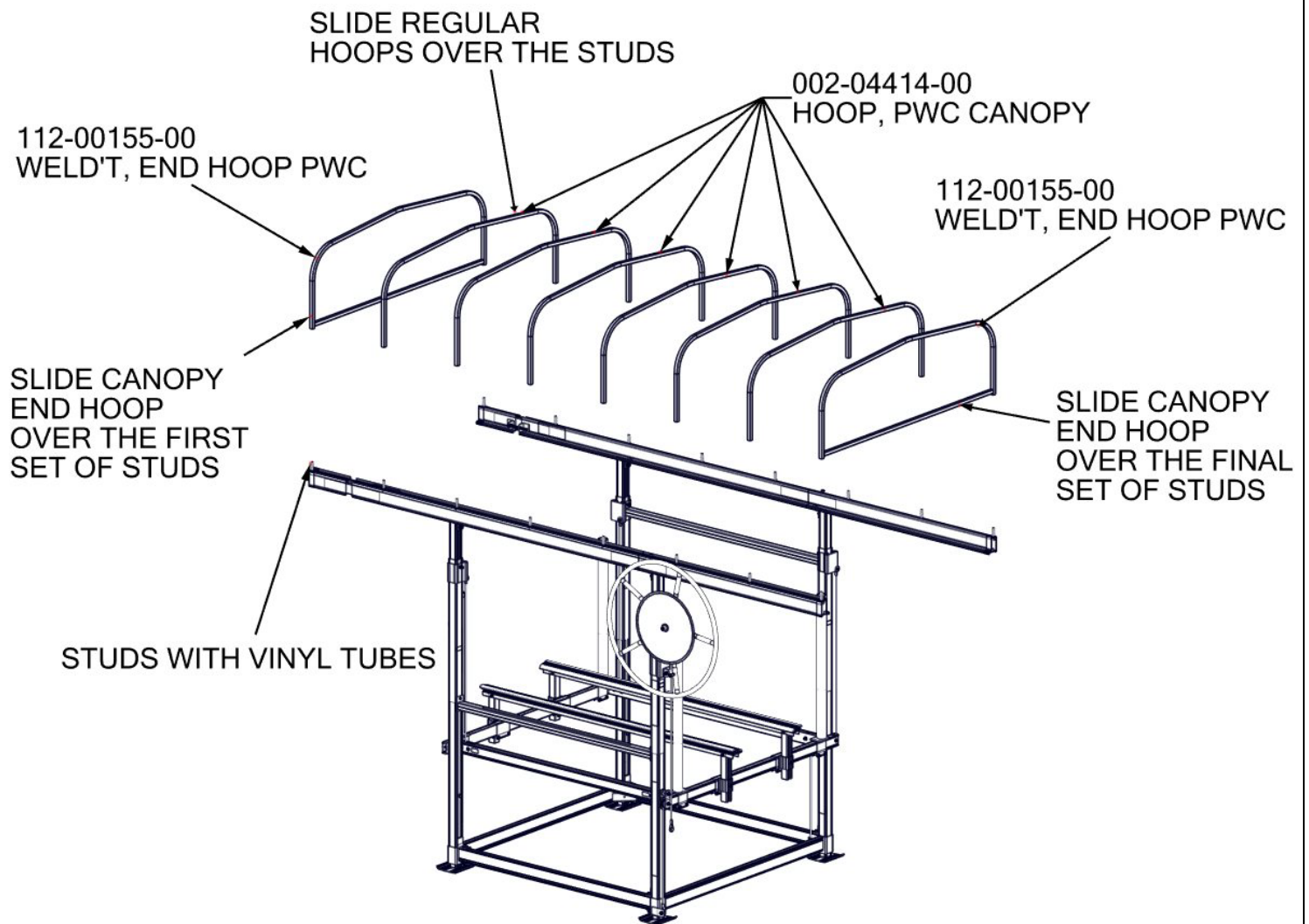
FIGURE 3.3

SUGGESTED OVERHANG IS 4 FEET FOR PORTABLE WATER CRAFT (FIGURE 3.4). TORQUE NUTS TO 60 FT-LBS (FIGURE 3.5).



STEP 4

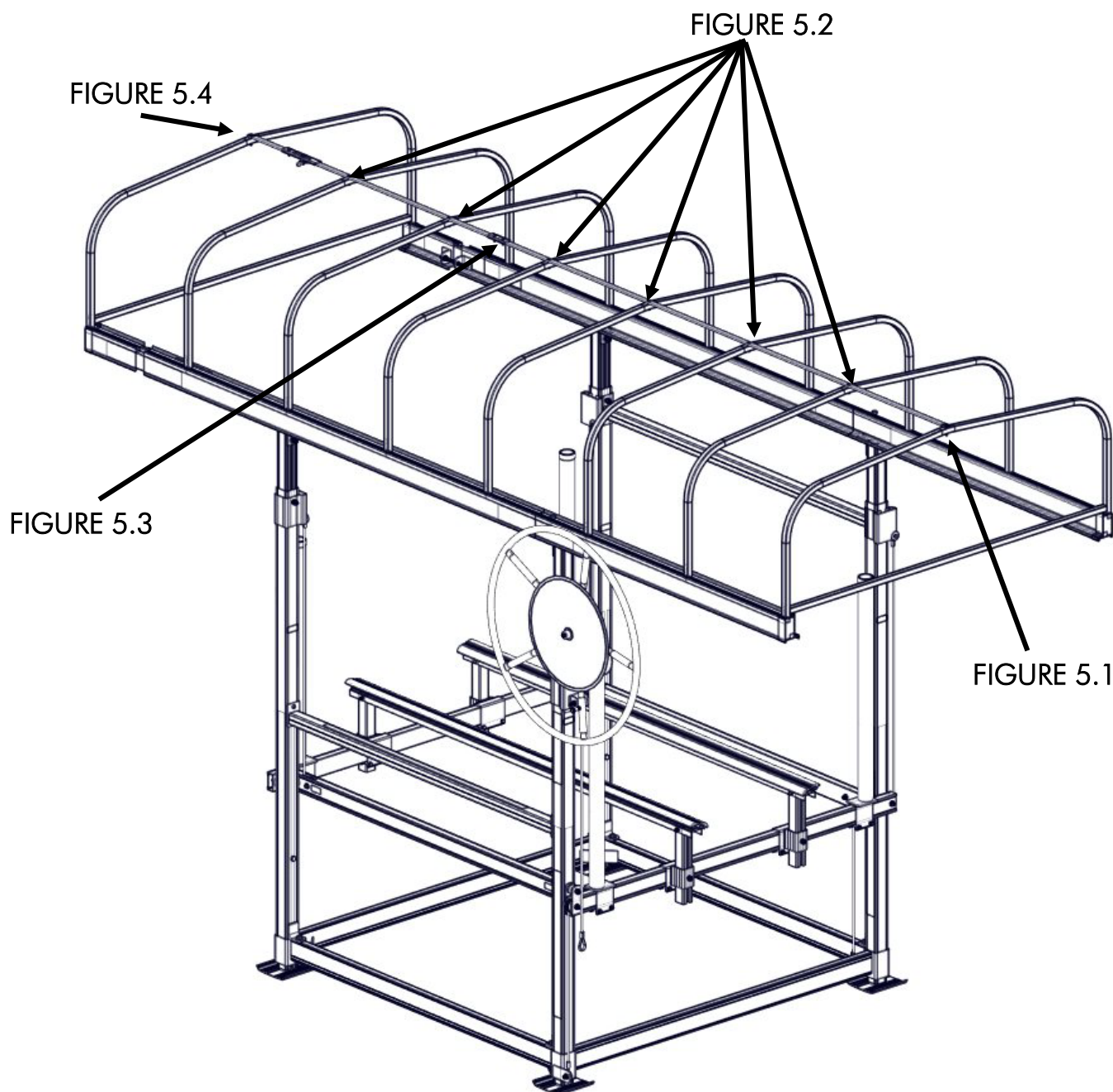
-INSTALL CANOPY HOOPS



STEP 5

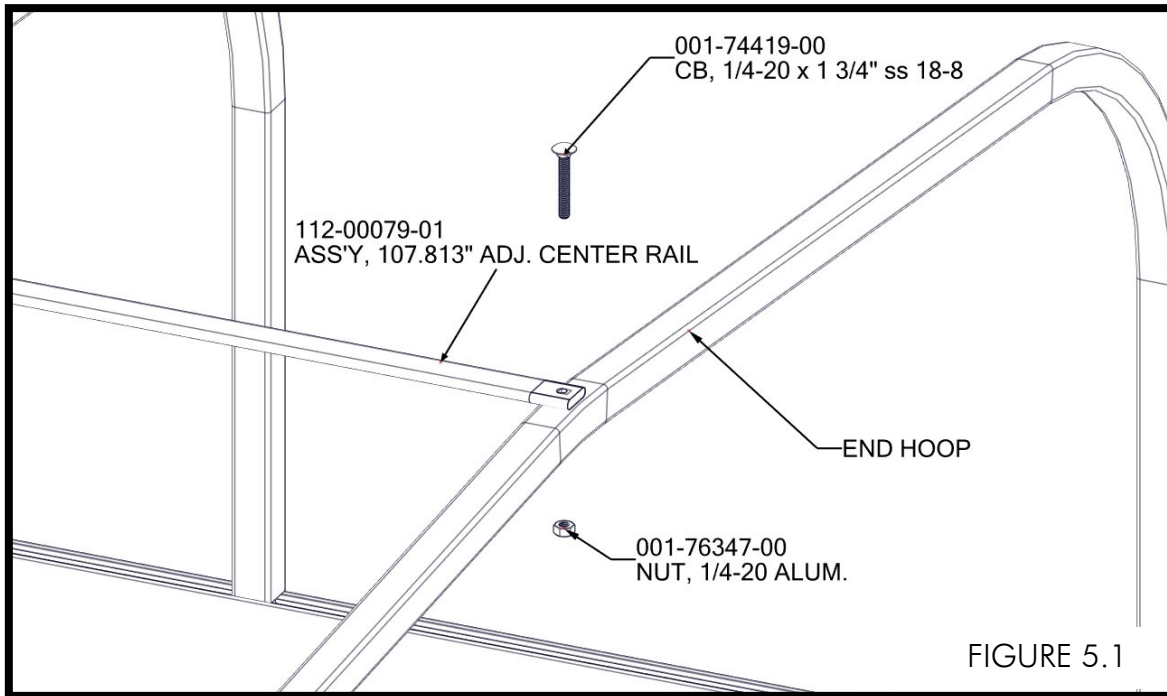
-INSTALLING CENTER RAIL

NOTE:
ADJUSTMENT OF
CANOPY AND UPPER
RAIL ON SAME END

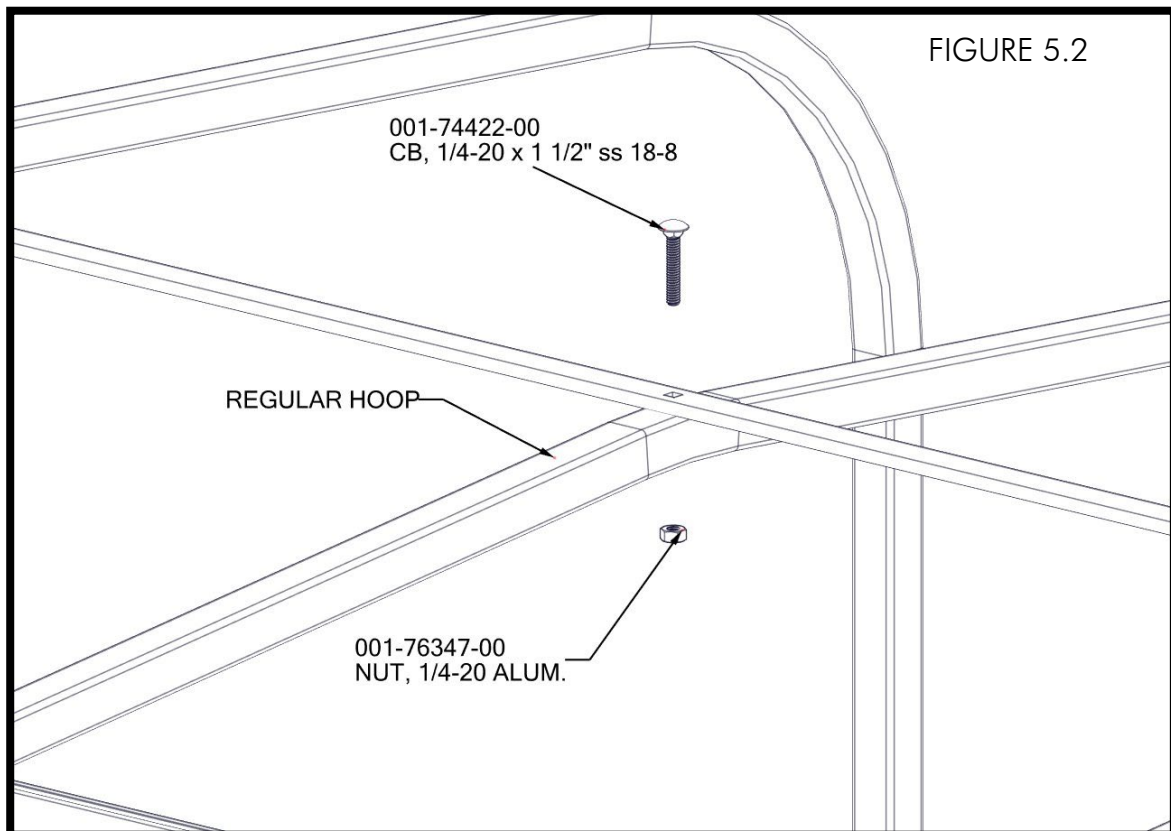


NOTE:
SEE EACH FIGURE ON
FOLLOWING PAGES FOR RAIL
ASSEMBLY AND ATTACHMENT TO
CANOPY HOOPS

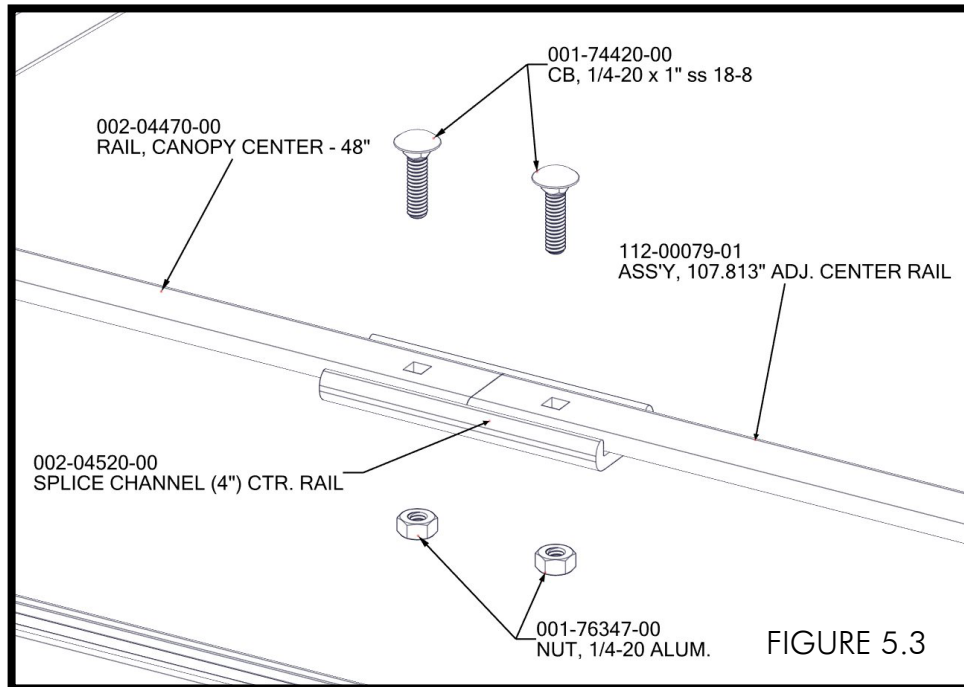
ATTACH THE ADJUSTING RAIL TO THE TOP OF THE END HOOP USING 1/4-20 x 1-3/4" CARRIAGE BOLTS AND 1/4-20 NUTS (FIGURE 5.1).



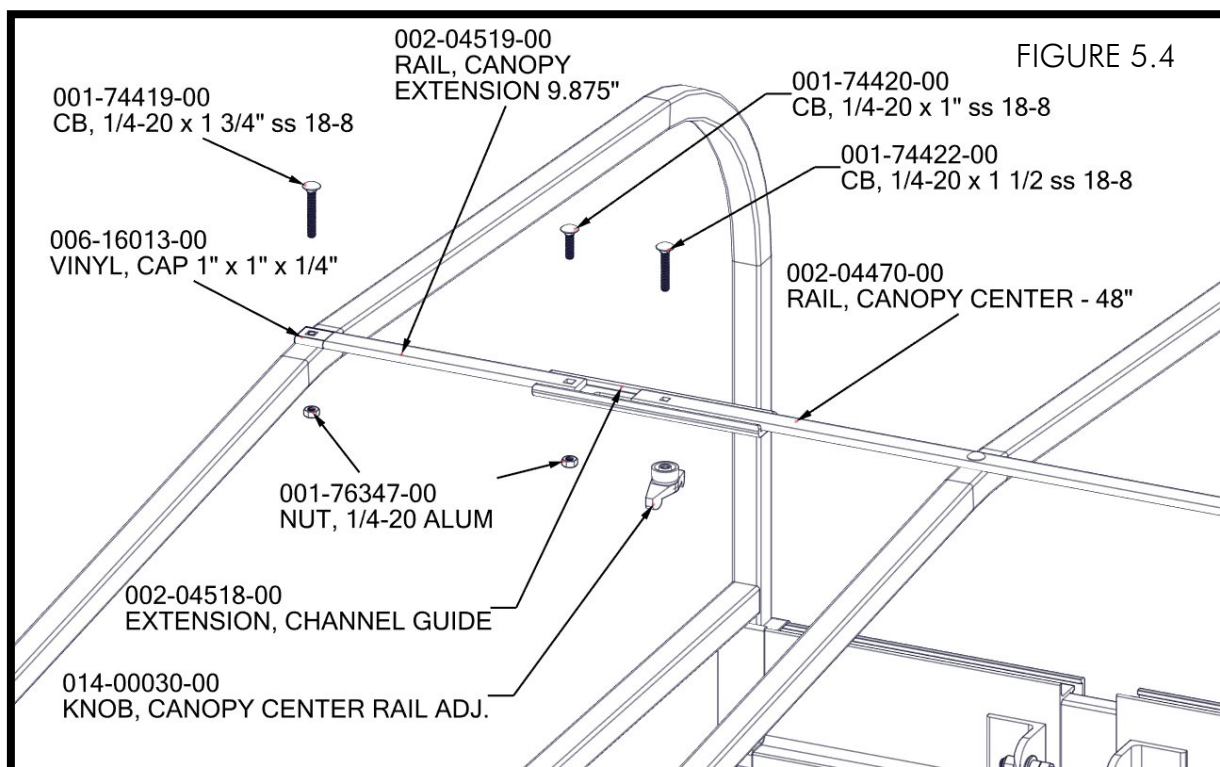
ATTACH CENTER RAILS TO THE TOP OF CANOPY HOOPS 1/4-20 x 1 1/2" CARRIAGE BOLTS, AND 1/4-20 NUTS (FIGURE 5.2).



ATTACH CENTER RAILS TOGETHER USING SPLICE CHANNELS, 1/4-20 x 1" CARRIAGE BOLTS, AND 1/4-20 NUTS (FIGURE 5.3).



ATTACH CENTER RAIL TO EXTENSION GUIDE USING 1/4-20 x 1-1/2" CARRIAGE BOLT AND ADJUSTING KNOB. ATTACH EXTENSION GUIDE TO CANOPY EXTENSION USING 1/4-20 x 1" CARRIAGE BOLT AND 1/4-20 NUT. ATTACH EXTENSION (WITH VINYL CAP ADDED) TO TOP OF END HOOP USING 1/4-20 x 1-3/4" CARRIAGE BOLT AND 1/4-20 NUT (FIGURE 5.4). NOTE: ADJUSTMENTS MAY HAVE TO BE MADE TO ENSURE PROPER CANOPY FITMENT BEFORE FINAL INSTALLATION.



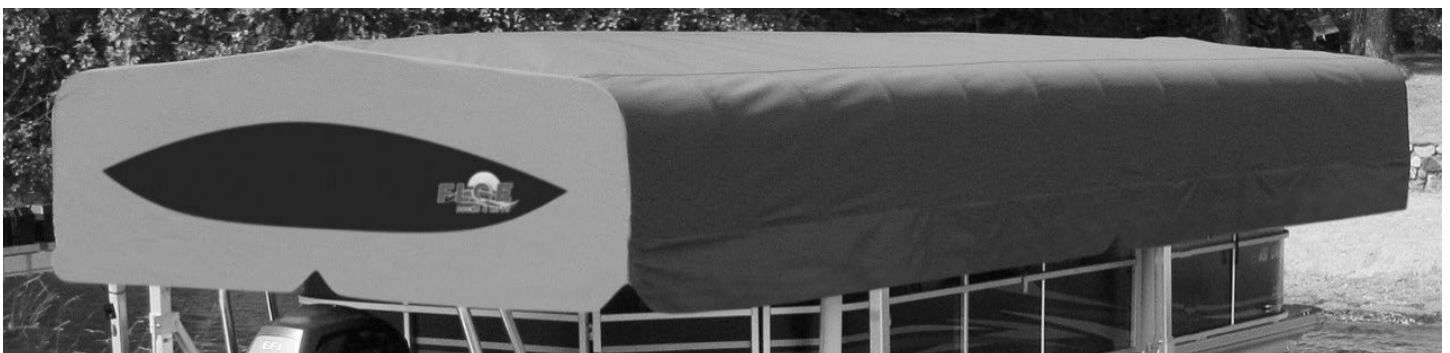
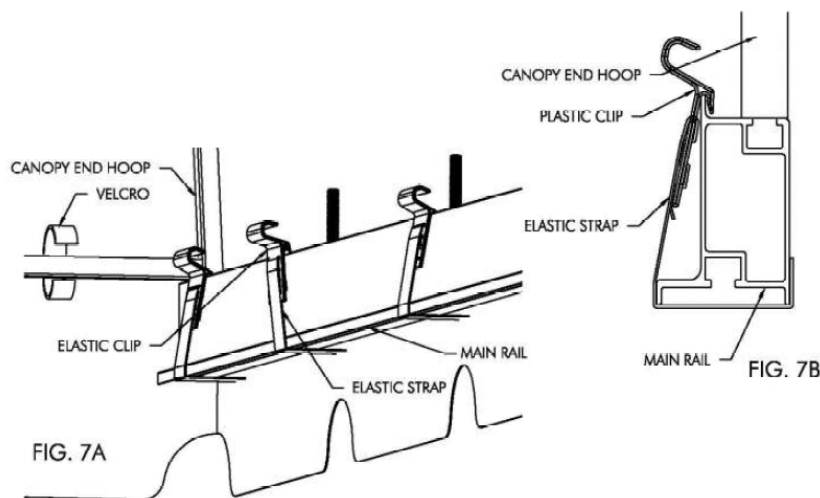
STEP 6

-INSTALL CANOPY

THE FOLLOWING INSTRUCTIONS ARE GENERAL TO THE OVERALL INSTALLATION OF A CANOPY.

SEE ADDITIONAL INSTRUCTIONS FOR FURTHER EXPLANATION CANOPY FRAME ADJUSTMENT AND CANOPY FITMENT FOR PROPER INSTALLATION AND REMOVAL.

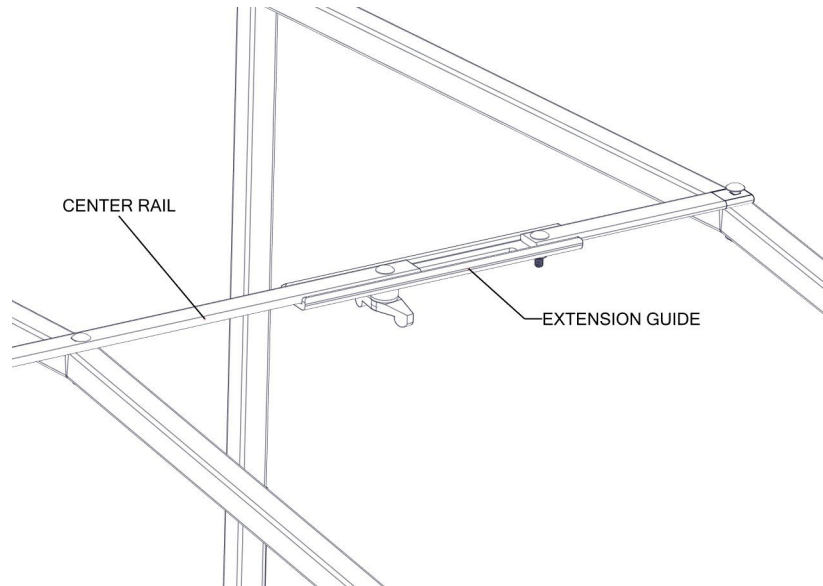
1. UNROLL THE CANOPY FABRIC OVER THE HOOPS. MAKE SURE THE FABRIC IS STRAIGHT ON THE FRAME WITH EQUAL AMOUNTS OF OVERHANG ON EACH SIDE. THE FABRIC IS ATTACHED TO THE FRAME BY PULLING THE ELASTIC STRAPS UNDER THE MAIN RAILS AND ATTACHING THE PLASTIC CLIP TO THE MAIN RAIL. THE ELASTIC STRAP TENSION CAN BE ADJUSTED BY INCREASING OR DECREASING THE AMOUNT OF STRAPPING GOING THROUGH THE SLOTS ON THE CLIPS.
 2. ATTACH THE FABRIC TO THE END HOOPS BY WRAPPING THE VELCRO AROUND THE END HOOP. PULL THE FABRIC TIGHT AND ALIGN THE FABRIC SEAM TO THE END HOOP WHEN ATTACHING FOR THE BEST APPEARANCE.
- A GENERAL RULE TO FOLLOW FOR CANOPY FABRIC TIGHTNESS IS PLACING YOUR FINGER BETWEEN THE CANOPY FABRIC AND THE LOWER CORNERS OF THE CANOPY FRAME. A PROPERLY ADJUSTED CANOPY WILL HAVE LITTLE TO NO ROOM BETWEEN THE HOOP AND CANOPY.
3. SEE THE BOAT LIFT OWNERS MANUAL FOR PROPER USE OF THE CANOPY RAIL ADJUSTMENT SYSTEM AND FOR FABRIC CARE AND CLEANING INSTRUCTIONS.



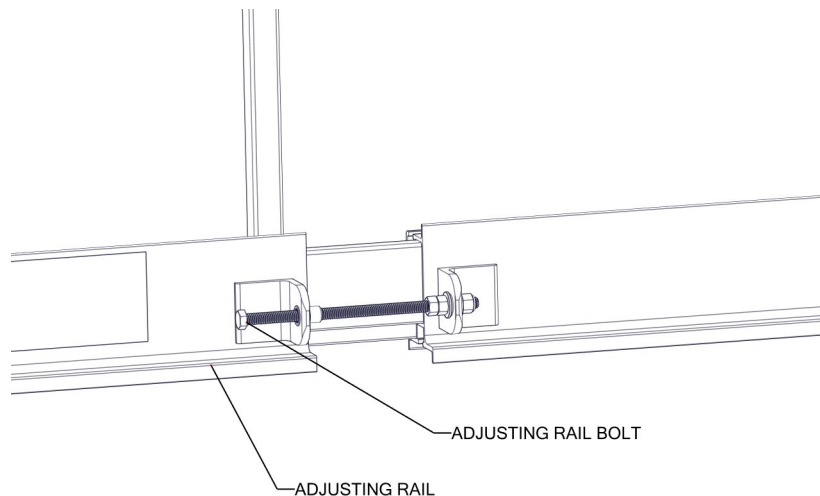
ADJUSTMENT OF CANOPY FRAME

TO ENSURE PROPER ADJUSTMENT OF THE CANOPY, THE POSITION OF THESE PARTS WILL NEED TO BE ADJUSTED. FOLLOWING THESE INSTRUCTIONS WILL ALLOW FOR THE CANOPY FABRIC TO BE PROPERLY FITTED TO THE CANOPY FRAME. FAILURE TO PROPERLY ADJUST THE CANOPY FRAME CAN RESULT IN WATER POOLING AND FABRIC DAMAGE.

- UPPER RAIL EXTENSION GUIDE CHANNELS & CANOPY RAIL EXTENSIONS (SEE FIGURE 3 OF STEP 5 FOR FULL DETAIL OF PARTS ARRANGEMENT).

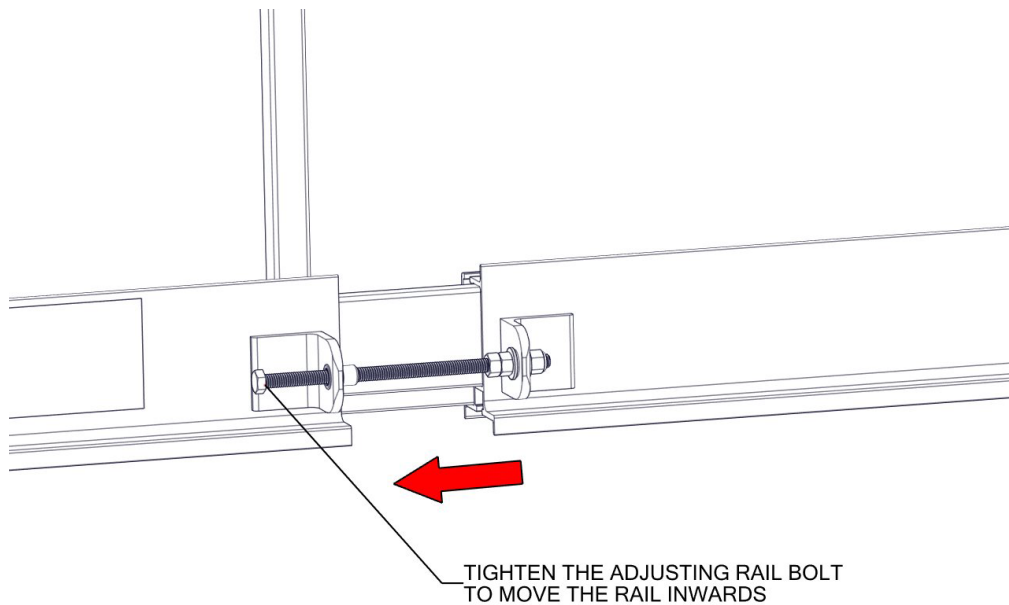


- MAIN ADJUSTING RAILS

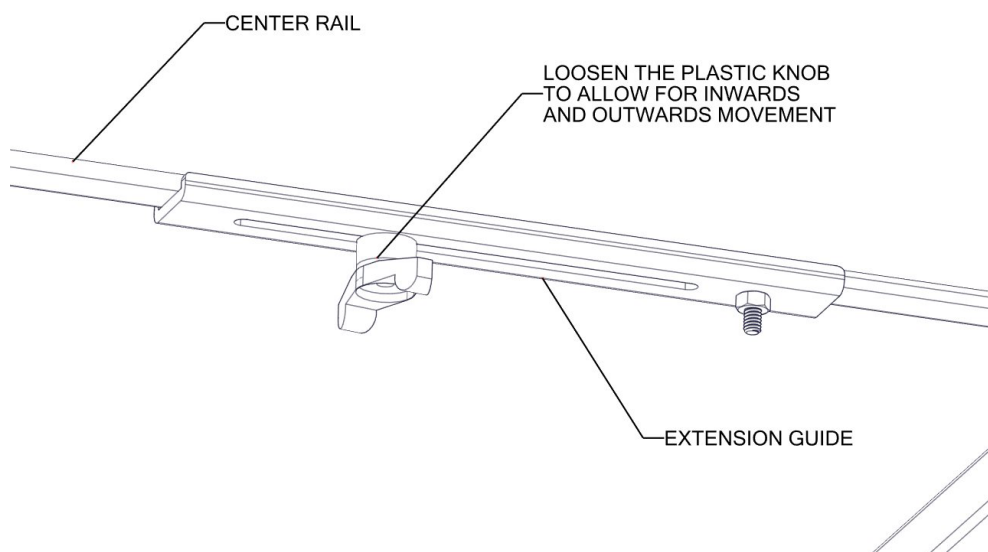


FOR INSTALLATION OF THE CANOPY, THESE ITEMS MAY NEED TO BE LOOSENEED TO FIT THE CANOPY OVER THE CANOPY HOOPS.

1. AT THIS TIME, INSTALL THE CANOPY OVER THE CANOPY FRAME. ONLY ATTACH CANOPY TO END HOOPS USING VELCRO.
2. FOR THE MAIN ADJUSTING RAILS, TIGHTEN THE ADJUSTING BOLT. THIS WILL ALLOW FOR THE RAIL SECTION TO MOVE INWARDS.

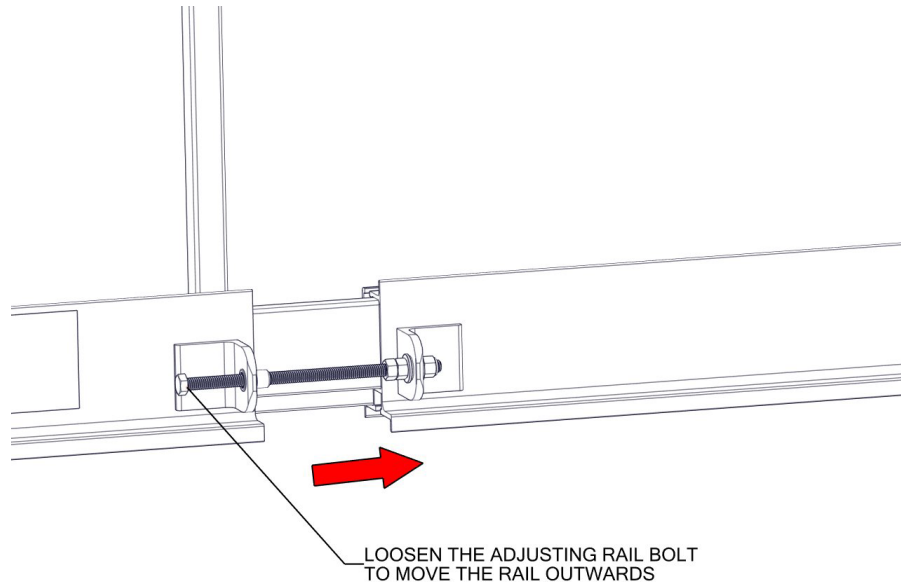


3. FOR THE UPPER RAIL EXTENSION, LOOSEN THE PLASTIC KNOB IN THE EXTENSION GUIDE AND CENTER RAIL. THIS WILL ALSO ALLOW FOR THE END HOOP TO MOVE INWARDS AND OUTWARDS.

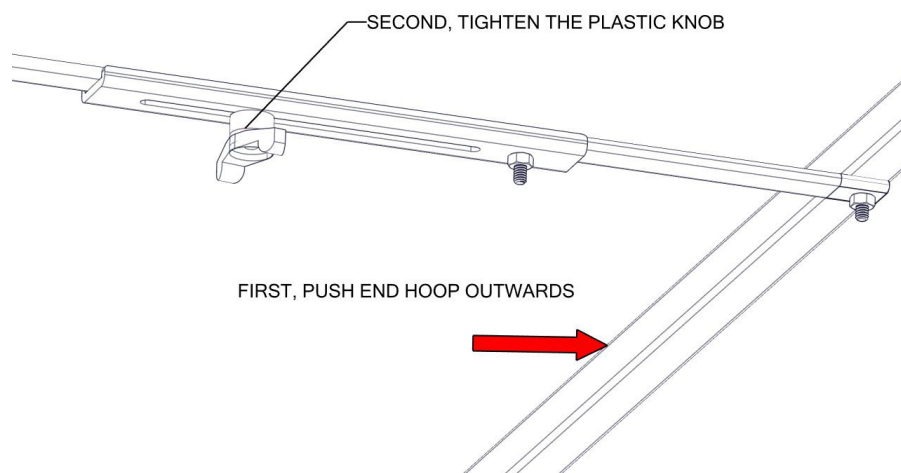


AFTER THE CANOPY IS INSTALLED, THESE ITEMS WILL BE NEEDED TO BE ADJUSTED TO ENSURE PROPER FITMENT.

- FOR THE MAIN ADJUSTING RAILS, LOOSEN THE ADJUSTING BOLT. THIS WILL ALLOW FOR THE OVERALL RAIL TO MOVE OUTWARDS.



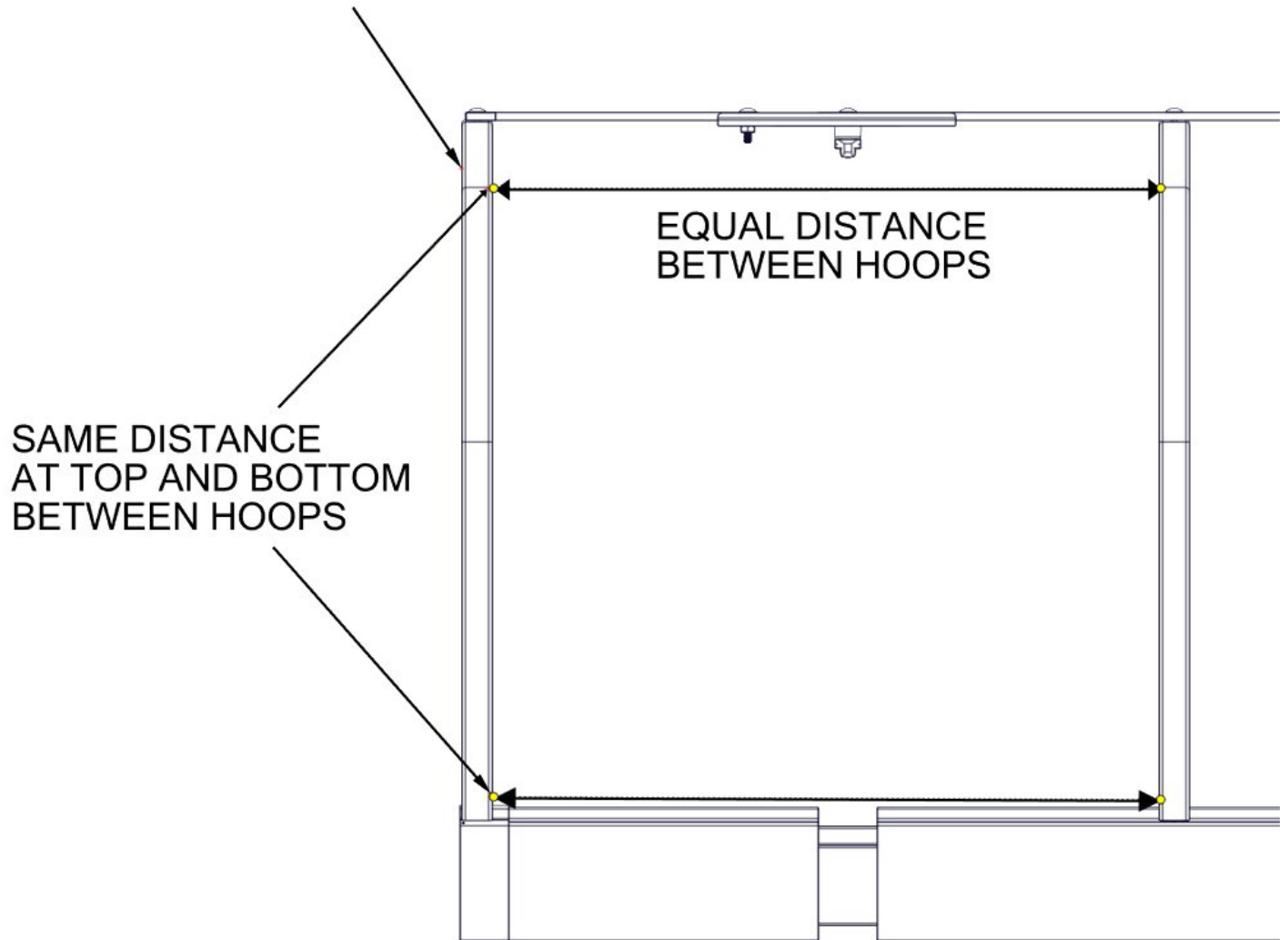
- FOR THE UPPER RAIL EXTENSIONS, CONTINUE PUSHING THE END HOOP OUTWARDS AND TIGHTEN THE PLASTIC KNOB IN THE EXTENSION GUIDE AND CENTER RAIL.



4. AT THIS TIME, ATTACH CANOPY TO MAIN RAILS WITH CANOPY CLIPS.

AS AN ADDITIONAL CHECK AFTER ADJUSTING THE END HOOP SUPPORTS AND UPPER RAILS, THE END HOOPS OF THE CANOPY FRAME SHOULD BE VERTICAL. THERE IS AN EQUAL DISTANCE BETWEEN THE NEXT HOOP AT THE BOTTOM OF THE HOOP AND THE TOP OF THE HOOP.

END HOOP SHOULD BE VERTICAL



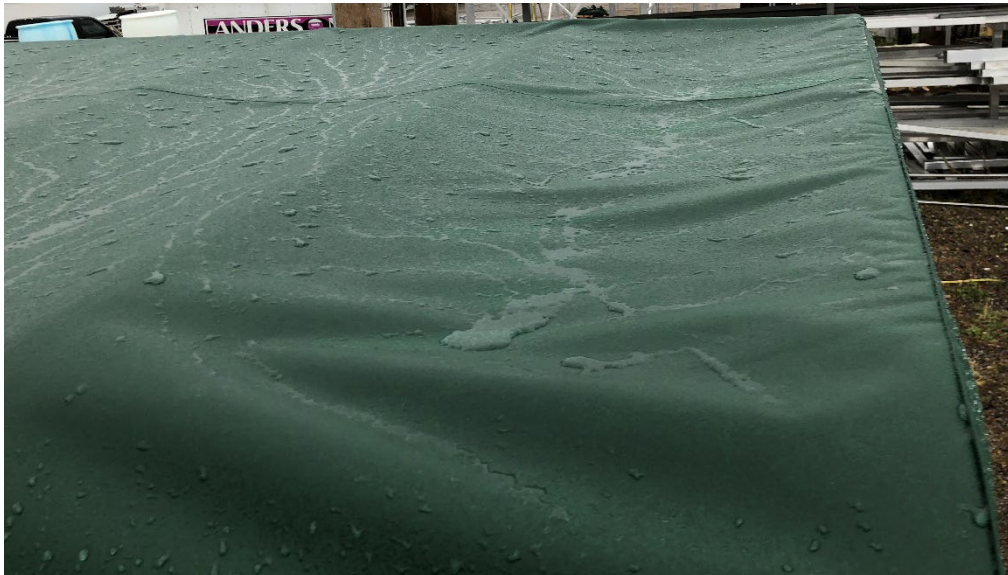
CANOPY FITMENT

A PROPERLY FITTED CANOPY WILL BE SUBJECT TO THE FOLLOWING:

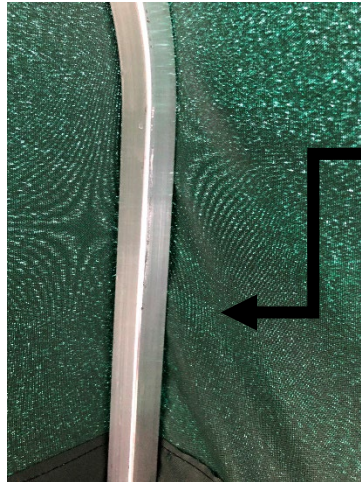
1. THE CANOPY FABRIC IS NOT BAGGY IN THE CORNERS OF CANOPY OR BETWEEN HOOPS.



A POORLY TIGHTENED CANOPY WILL HAVE THE ABILITY TO POOL WATER AS SEEN IN THE IMAGE BELOW.

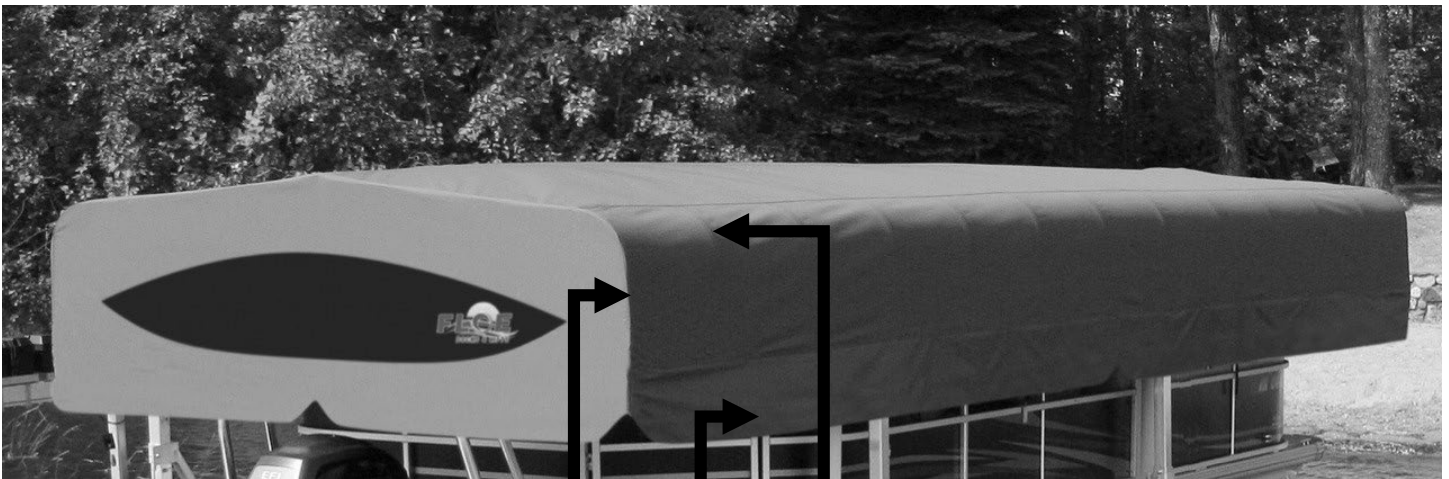


2. NO OBVIOUS SIGNS OF OVER-TIGHTENING OR DISTORTIONS AT THE SEAMS OF THE CANOPY. THERE IS NO EXCESSIVE WRINKLING OR SIGNS OF EXTREME STRAIN.



AN OVER TIGHTENED CANOPY WILL HAVE EXCESSIVE WRINKLING AND SIGNS OF OVER-STRETCHING AT THE SEAMS

3. THE CANOPY IS CENTERED ON THE CANOPY FRAME, MEANING THAT THE CANOPY IS NOT TWISTED OR UNEVEN ON THE CANOPY FRAME. THE SKIRT EDGE IS ALSO AN EVEN DISTANCE AROUND THE FRAME RAILS. THE CANOPY ALSO HAS A UNIFORM APPEARANCE ALONG ALL SIDES WITH THE SHAPE OF THE HOOP SLIGHTLY VISIBLE THROUGH THE CANOPY NEAR THE CORNERS.



THE CANOPY FITS AROUND THE FRAME

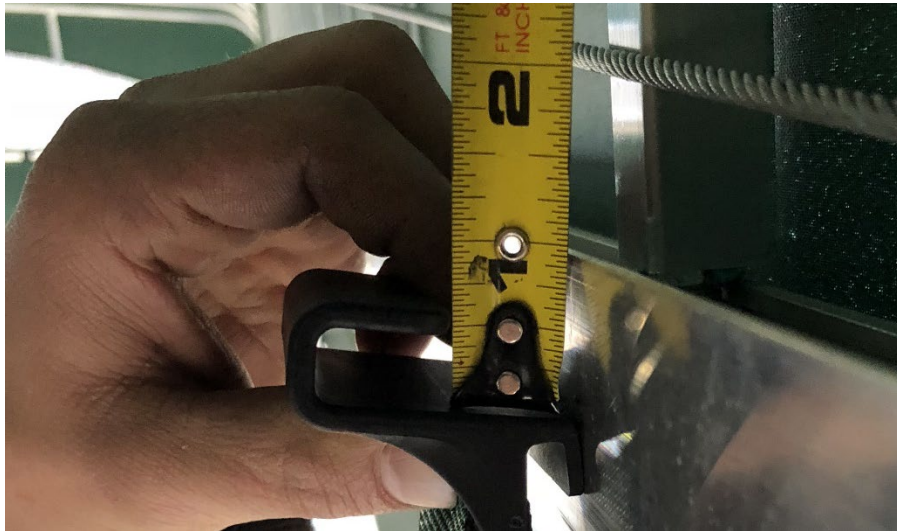
THE EDGING IS UNIFORM AROUND THE MAIN RAILS AND LOWER PARTS OF THE END HOOPS

CANOPY HAS A UNIFORM APPEARANCE

HOOP SHAPE IS SLIGHTLY VISIBLE

4. ATTACHING THE CANOPY TO THE FRAME IS ACCOMPLISHED WITH VELCRO STRAPS AND CLIPS. ATTACH THE VELCRO ON THE END FABRIC TO THE END HOOPS FIRST AND THEN ATTACH THE CANOPY CLIPS TO THE CANOPY MAIN RAILS.

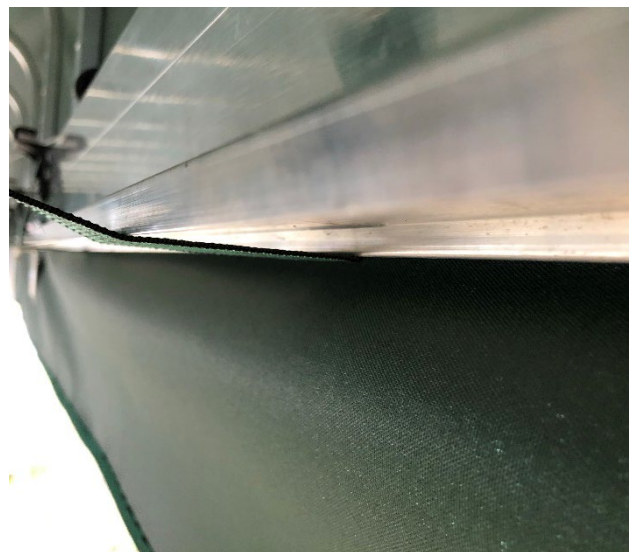
A CORRECTLY ADJUSTED CANOPY STRAP WILL RESULT IN A DISTANCE OF ABOUT ONE INCH FROM THE TOP OF THE CLIP TO THE TOP OF THE MAIN RAIL WITH NO TENSION ON THE STRAP. WHEN ATTACHING THE CLIPS, START FROM THE CENTER OF THE CANOPY AND WORK OUTWARDS, ALTERNATING FROM SIDE TO SIDE (DOCK SIDE TO LAKE SIDE).



NOTE: WHEN PLACING THE STRAPS ON THE MAIN RAILS, PULL DOWNWARD AND LOOP AROUND THE RAIL. AVOID DRAGGING THE STAP ACROSS THE BOTTOM OF THE MAIN RAILS.



PULL STRAP DOWN COMPLETELY BEFORE BRINGING OVER MAIN RAIL

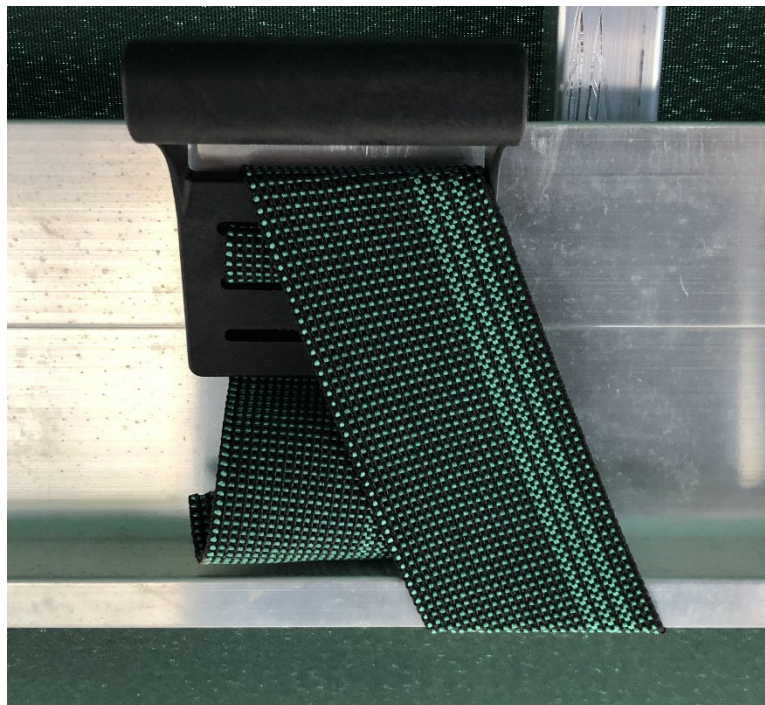


DO NOT DRAG STRAP ON MAIN RAIL

A CORRECTLY MOUNTED STRAP WILL HAVE THIS POSITION ON THE MAIN RAILS.



AN INCORRECTLY MOUNTED STRAP WILL HAVE THIS POSITION ON THE MAIN RAILS.



NOTE:

STRAPS NEAR THE
ADJUSTING BOLTS
ONLY WILL HAVE TO
BE MOUNTED IN THIS
MANNER.

CANOPY REMOVAL

FOLLOW THESE GUIDELINE STEPS IN THE REMOVAL PROCESS OF THE CANOPY:

1. LOOSEN THE PLASTIC KNOB ON THE UPPER RAIL.
2. UNCLIP EACH OF THE CANOPY CLIPS FROM THE MAIN RAILS.
3. UNATTACH THE VELCRO FROM THE CANOPY ENDS.
4. PULL CANOPY OFF OF FRAME END AT A TIME AND SLIDE TO ONE SIDE OF CANOPY.
5. FOLLOW BOAT LIFT OWNERS MANUAL FOR INFORMATION OF STORAGE AND CLEANING.

