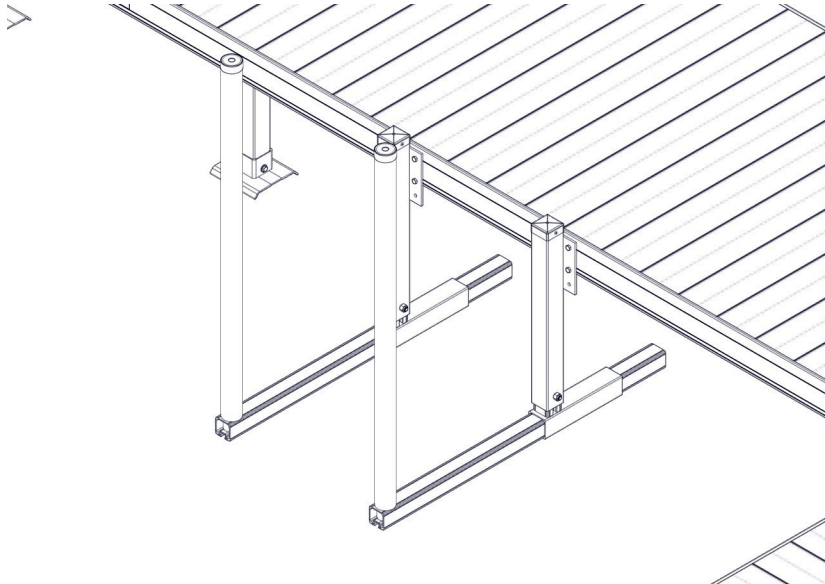


FLOE DOCK MOUNTED ADJUSTABLE BOW STOP

ASSEMBLY INSTRUCTIONS

KIT P/N 511-00008-00



* DOCK NOT INCLUDED

TOOLS REQUIRED

- (2) 9/16" SOCKETS/WRENCHES
- 3/4" SOCKET/WRENCH
- TAPE MEASURE
- TORQUE WRENCH
- MARKER

IN ADDITION, FOR SECTIONAL DOCKS

- FRAMING SQUARE
- CORDLESS DRILL
- 13/32" DRILL BIT
- (2) CLAMPS (4" MIN. OPENING)

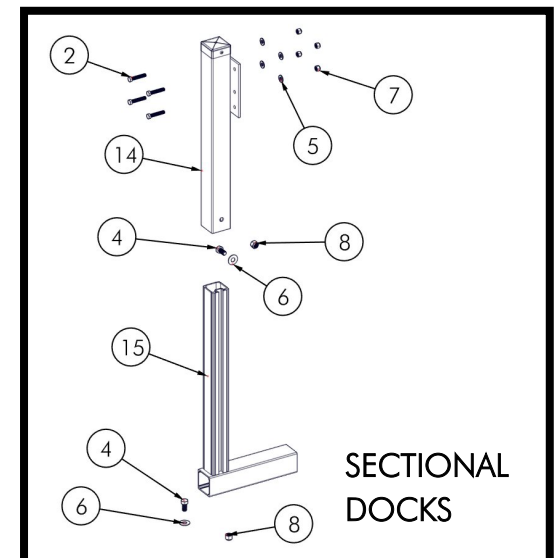
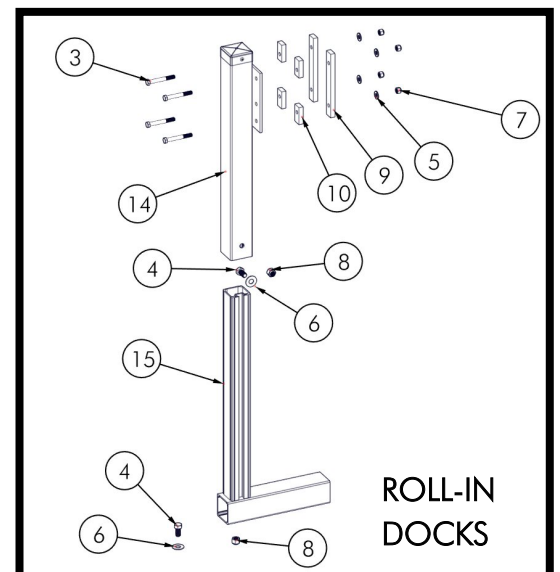
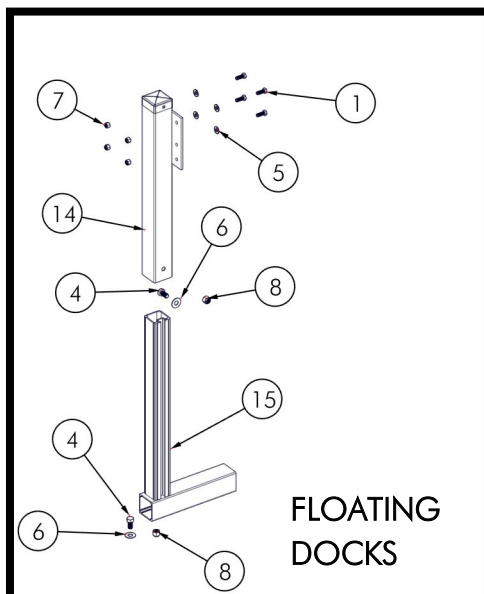
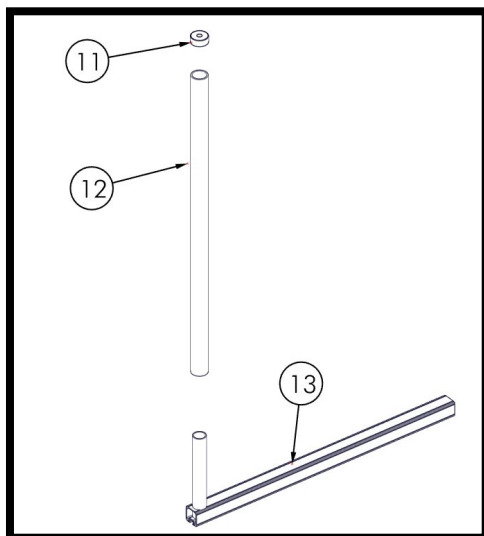
NOTE: FOR QUICK ATTACH SECTIONAL DOCKS, BRACKET KIT IS SOLD SEPARATELY (P/N: 510-02582-00)

IMPORTANT NOTE:

CAUTION MUST BE USED WHEN PARKING A BOAT WITH THIS KIT INSTALLED. BOATS SHOULD BE DRIFTED INTO FINAL POSITION ON BOAT LIFT. FAILURE TO DO SO WILL RESULT IN DAMAGE TO BOAT, BOAT LIFT, AND/OR LIFT ACCESSORIES.

BILL OF MATERIALS

| P/N 511-00008-00 | | BOW STOP, ADJUSTABLE DOCK MOUNTED | |
|------------------|--------------|--|-----|
| NO. | PART NUMBER | DESCRIPTION | QTY |
| 1 | 001-70105-00 | HHCS, 3/8-16 X 1" 18-8 SS | 8 |
| 2 | 001-70111-00 | HHCS, 3/8-16 X 2" 18-8 SS | 8 |
| 3 | 001-70115-00 | HHCS, 3/8-16 X 3" 18-8 SS | 8 |
| 4 | 001-70205-00 | HHCS, 1/2-13 X 1" 18-8 SS | 4 |
| 5 | 001-71017-00 | FLAT WASHER, 3/8" SAE SS 18-8 | 8 |
| 6 | 001-71021-00 | FLAT WASHER, 1/2" 18-8 SS | 4 |
| 7 | 001-76071-00 | NUT, NYLOCK 3/8-16 ALUM. | 8 |
| 8 | 001-76072-00 | NUT, NYLOCK 1/2-13 ALUM. | 4 |
| 9 | 002-02203-00 | PLATE, DOCK ACCESSORY | 4 |
| 10 | 002-02204-00 | SPACER, DOCK ACCESSORY | 8 |
| 11 | 010-00094-00 | CAP, VINYL 2.375" ID X 1" - SMALL HOLE | 2 |
| 12 | 011-01702-00 | PIPE, 2" SCHED. 40 PVC X 48" | 2 |
| 13 | 111-00518-00 | WELD'T, ADJ. BOW STOP LOWER | 2 |
| 14 | 111-00519-00 | ASS'Y, ADJ. BOW STOP UPPER | 2 |
| 15 | 111-00545-00 | WELD'T, ADJ. BOW STOP CENTER | 2 |



PRE-INSTALLATION

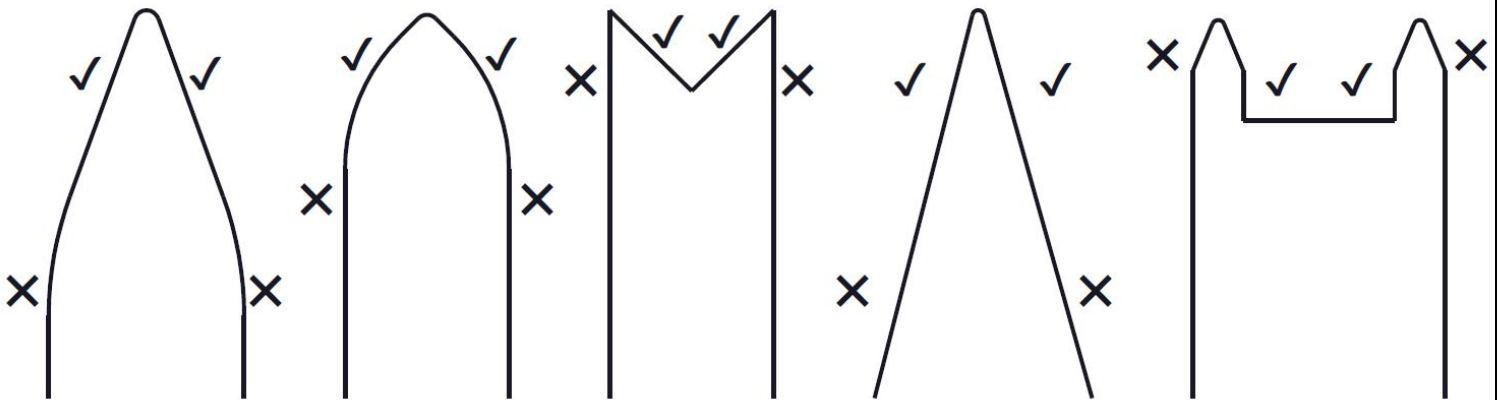
-UPRIGHT POSITIONING

THE BOW STOP UPRIGHTS SHOULD BE POSITIONED TO FULLY ENGAGE THE BOW WHEN THE BOAT IS POSITIONED CORRECTLY ON THE LIFT. THE PVC UPRIGHTS WILL BE VERTICAL AND AT THE FRONT OF THE BOW WHEN THE BOAT IS PARKED.

WHEN THE BOAT IS FLOATING IN THE PARKED POSITION IN THE LIFT, THE PVC UPRIGHTS SHOULD BE 6-8" ABOVE THE RUB RAIL.

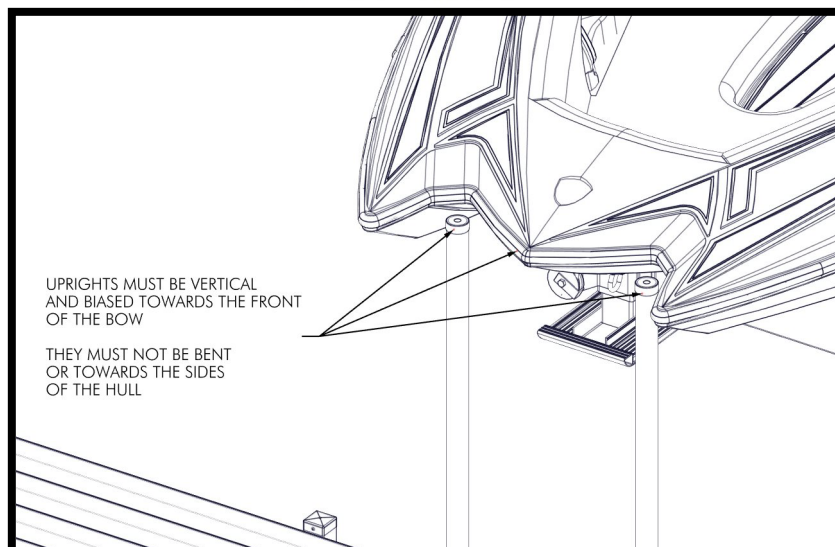
IMPORTANT: THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL.

EXAMPLES OF DIFFERENT HULL DESIGNS ARE SHOWN BELOW WITH RECOMMENDED UPRIGHT PLACEMENTS. SEE FOLLOWING PAGE ON HOW TO MEASURE FOR PLACEMENT.



KEY

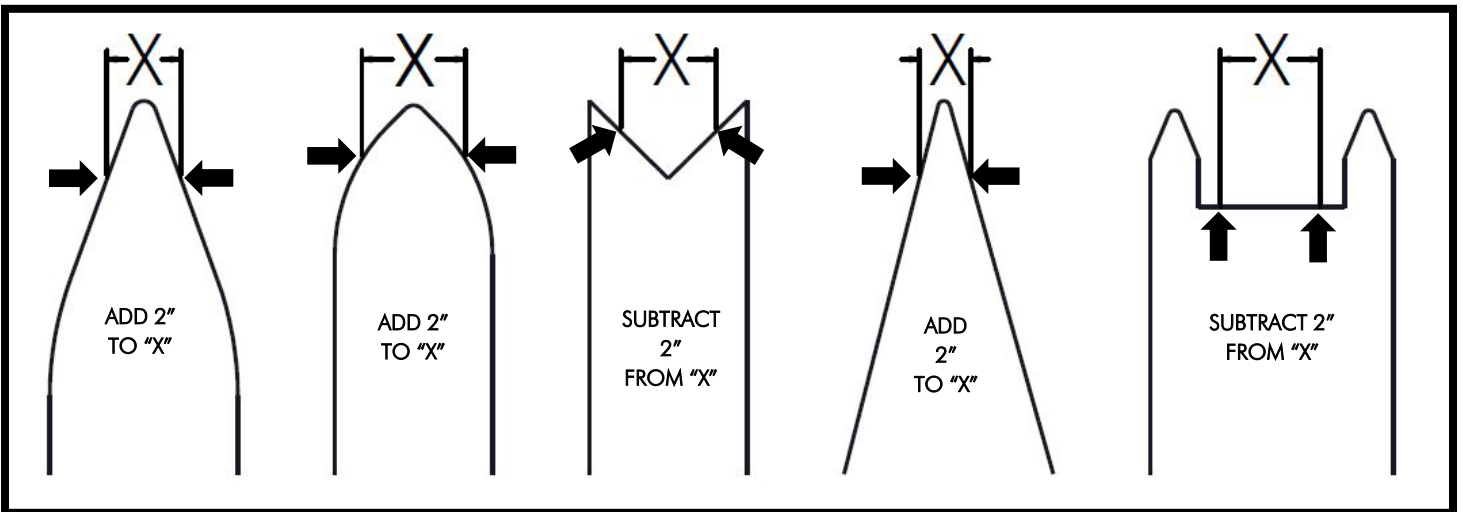
✓ CORRECT
X WRONG



PRE-INSTALLATION

-DETERMINE LOCATION OF UPRIGHTS

TAKE A MEASUREMENT BETWEEN THE TWO APPROXIMATE LOCATIONS SHOWN IN THE EXAMPLE BELOW. ADD OR SUBTRACT 2" FROM THE MEASUREMENT "X" TO GET THE CENTER TO CENTER UPRIGHT PLACEMENT, DEPENDING ON THE STYLE OF BOAT. POSITION WILL VARY, BUT THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL. THEY MUST REMAIN UPRIGHT.



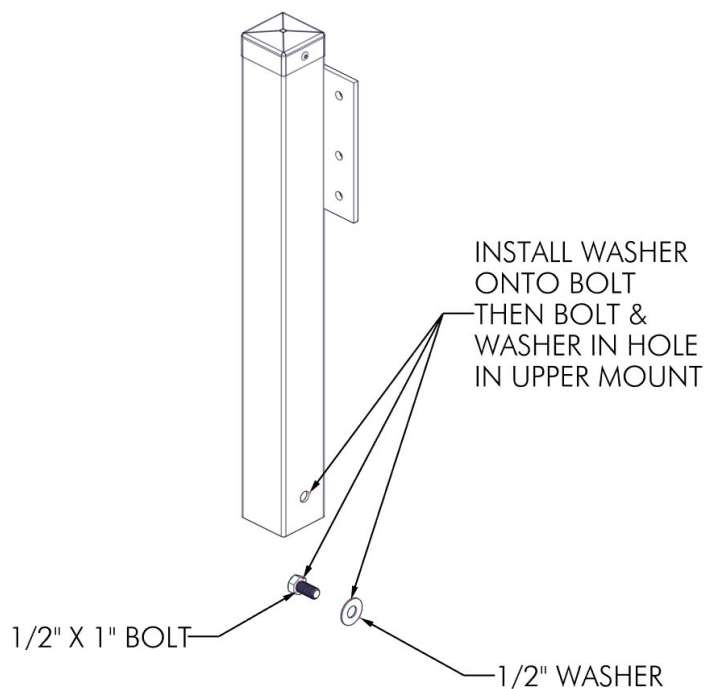
ASSEMBLY

STEP 1

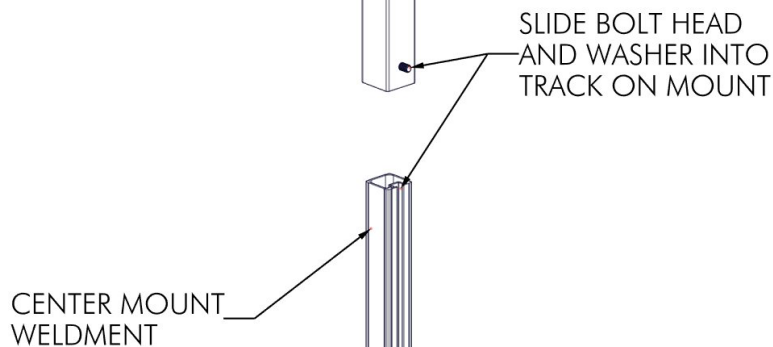
PLACE (1) 1/2" X BOLT AND (1) 1/2" WASHER INTO THE UPPER MOUNT (FIGURE 1.1), SLIDE TUBE UPRIGHT WELDMENT INTO DOCK MOUNT (FIGURE 1.2).

FIGURE 1.1

2X



NOTE:
FOR SECTIONAL DOCKS, USE THE UPPER MOUNT AS A DRILL GUIDE BEFORE ASSEMBLING THE BOW STOP (SEE FIGURE 3.1)



2X

FIGURE 1.2

PLACE A 1/2" NYLOCK NUT ONTO THE BOLT AND TIGHTEN TO SECURE THE CENTER MOUNT INTO THE UPPER MOUNT. **NOTE: THE NUT MAY NEED TO BE LOOSENEED FOR ADJUSTING THE CENTER MOUNT UP OR DOWN** (FIGURE 1.3). INSTALL A 1/2" X 1" BOLT WITH A 1/2" WASHER INTO THE HOLE IN THE CENTER MOUNT (FIGURE 1.4).

FIGURE 1.3

2X

TIGHTEN TO SECURE
INTO UPPER MOUNT

NUT MAY NEED TO BE
LOOSENEED FOR ADJUSTMENT

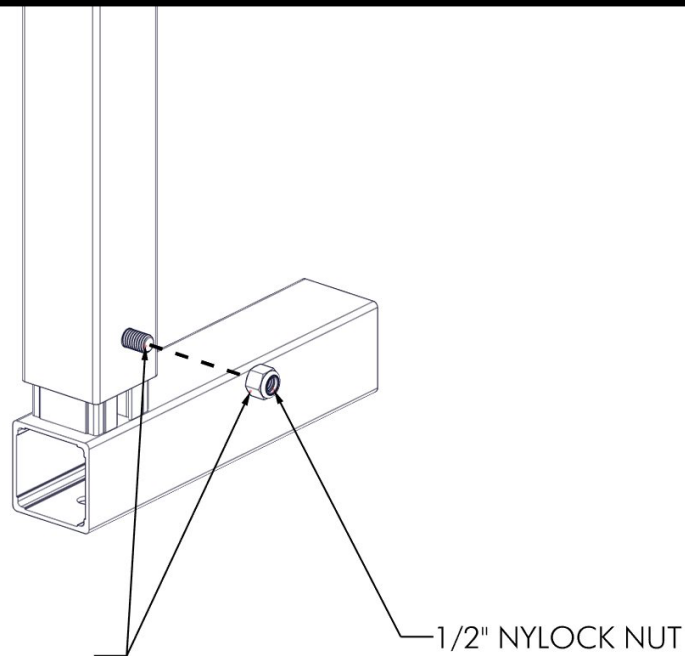


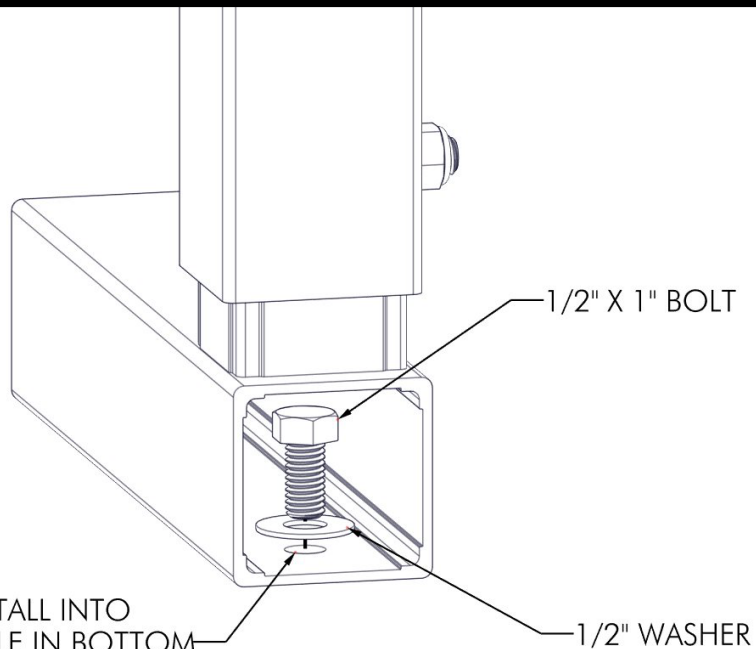
FIGURE 1.4

2X

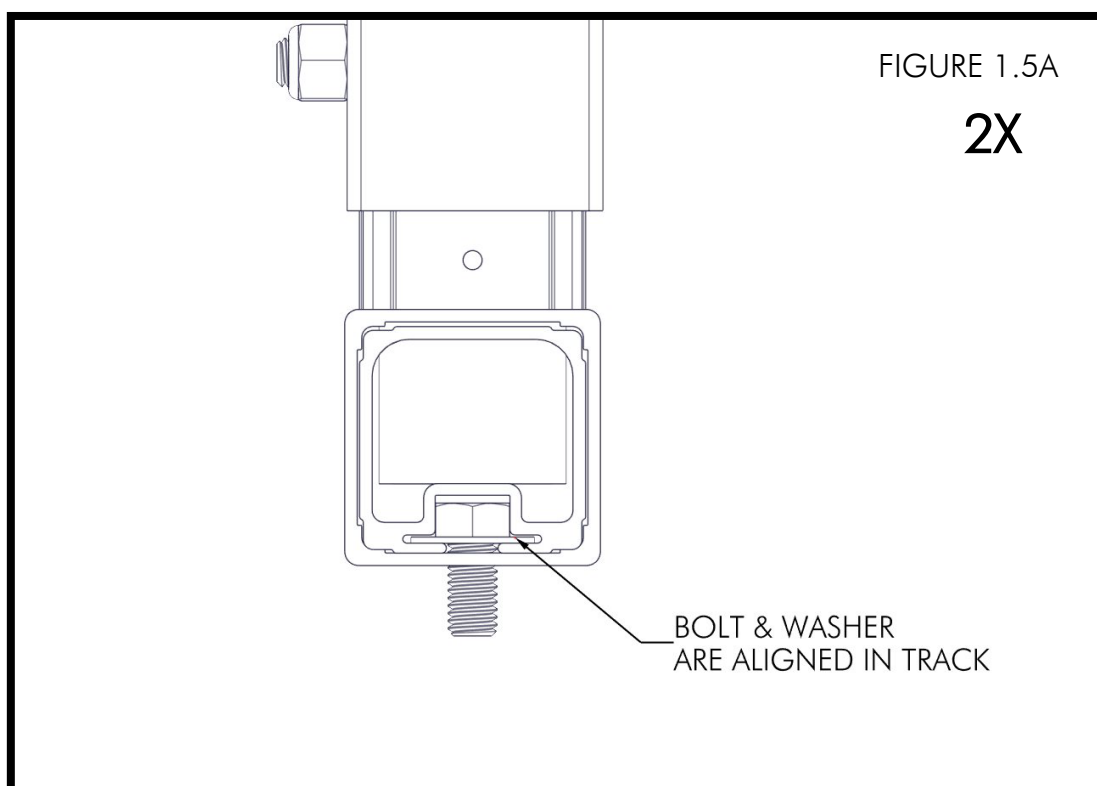
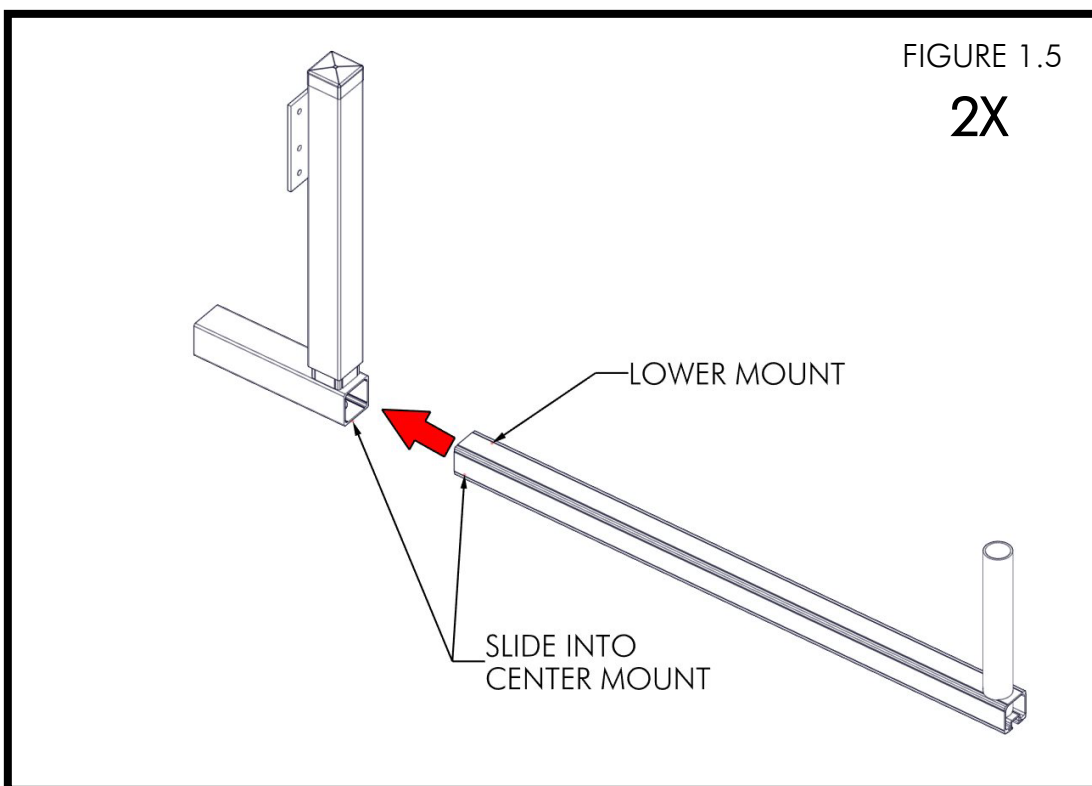
INSTALL INTO
HOLE IN BOTTOM
OF MOUNT

1/2" X 1" BOLT

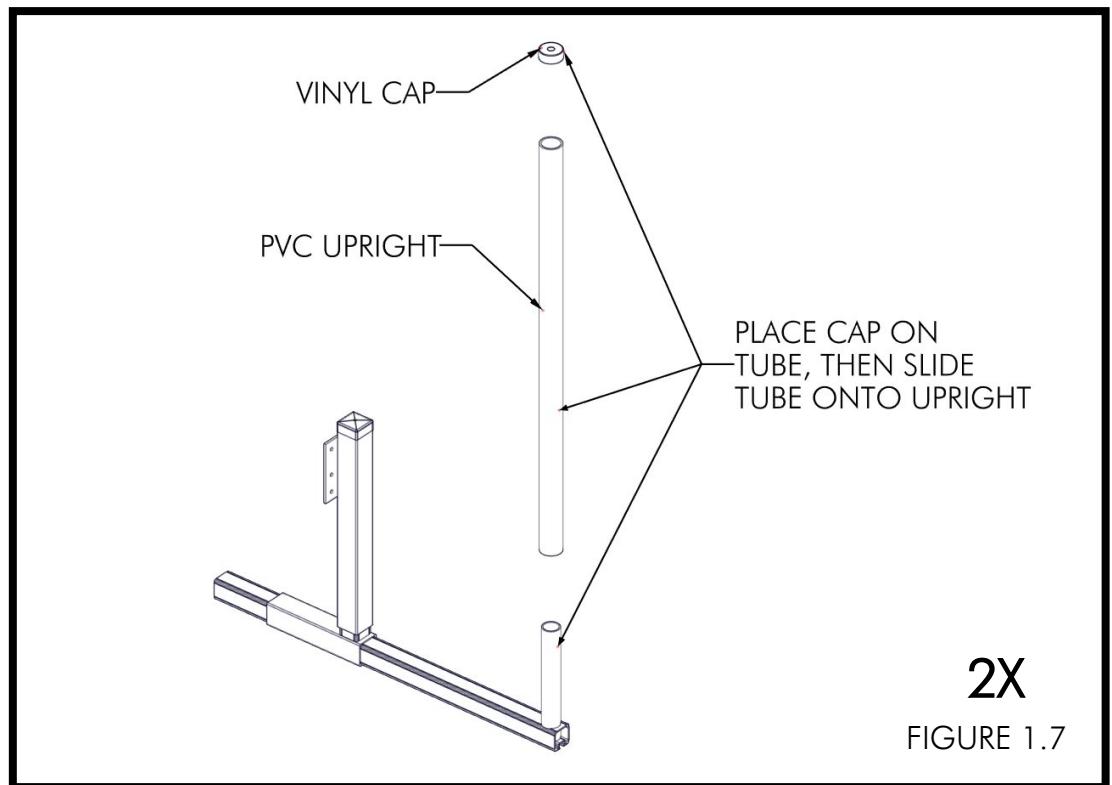
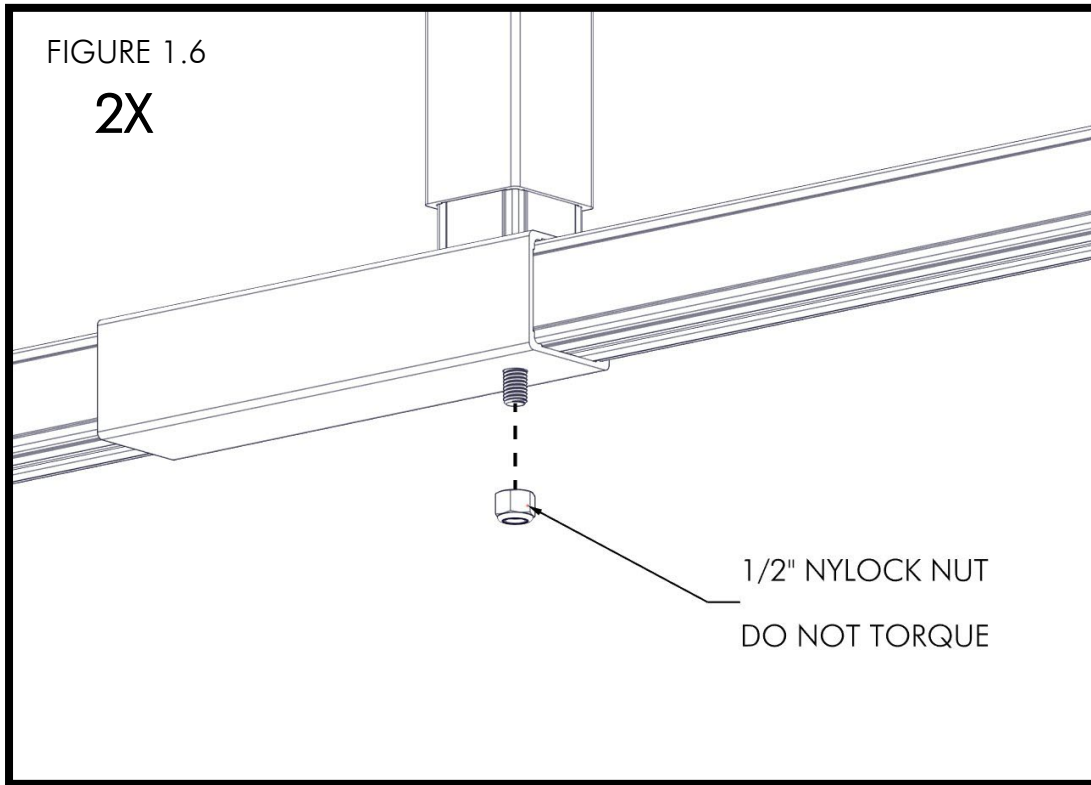
1/2" WASHER



SLIDE THE LOWER MOUNT INTO THE CENTER MOUNT (FIGURE 1.5) WHILE ALIGNING THE BOLT AND WASHER INTO THE TRACK ON THE LOWER MOUNT (FIGURE 1.5A).



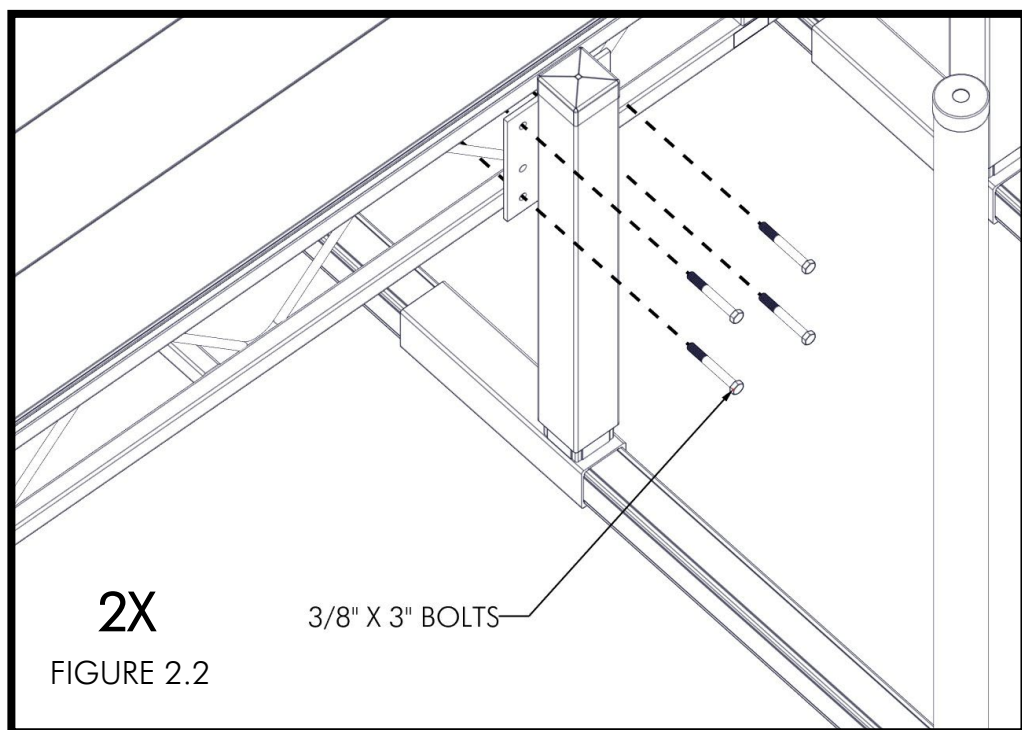
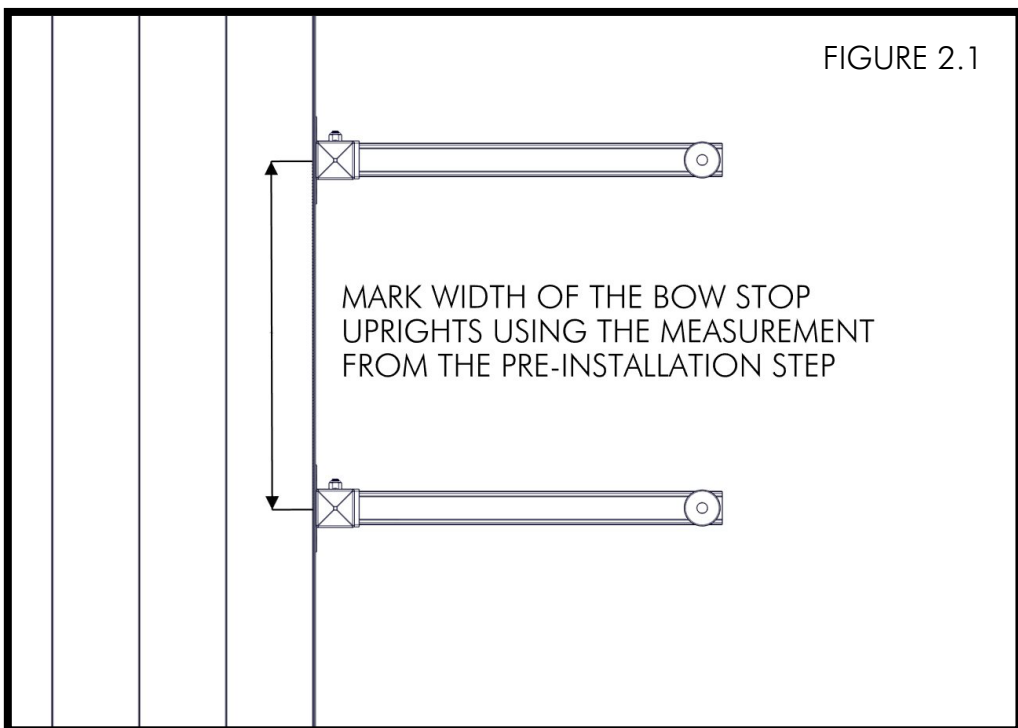
SECURE LOWER MOUNT TO CENTER MOUNT WITH A 1/2" NYLOCK NUT. DO NOT TIGHTEN AT THIS TIME, AS THE LOWER MOUNT MAY NEED TO SLIDE IN OR OUT FOR ITS FINAL INSTALLED LOCATION (FIGURE 1.6). INSTALL A VINYL CAP ONTO EACH PVC TUBE, THEN INSTALL THE TUBE ONTO THE UPRIGHT (FIGURE 1.7)



ASSEMBLY

ROLL-IN DOCKS

MARK THE WIDTH OF THE BOW STOP UPRIGHTS ONTO DOCK USING THE TAKEN MEASUREMENT FROM THE PRE-INSTALLATION STEP. THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL (FIGURE 2.1). SLIDE (4) 3/8" X 3" BOLTS INTO EACH UPPER MOUNT ASSEMBLY (FIGURE 2.2).



ATTACH MOUNT TO DOCK WITH, DOCK PLATES, SPACERS, (4) 3/8" WASHERS, AND (4) 3/8" NYLOCK NUTS. FOR PLACEMENTS NEAR WEBBING, SPACERS MAY NOT BE USED (FIGURE 2.3). TORQUE TO 20 FT-LBS (FIGURE 2.4).

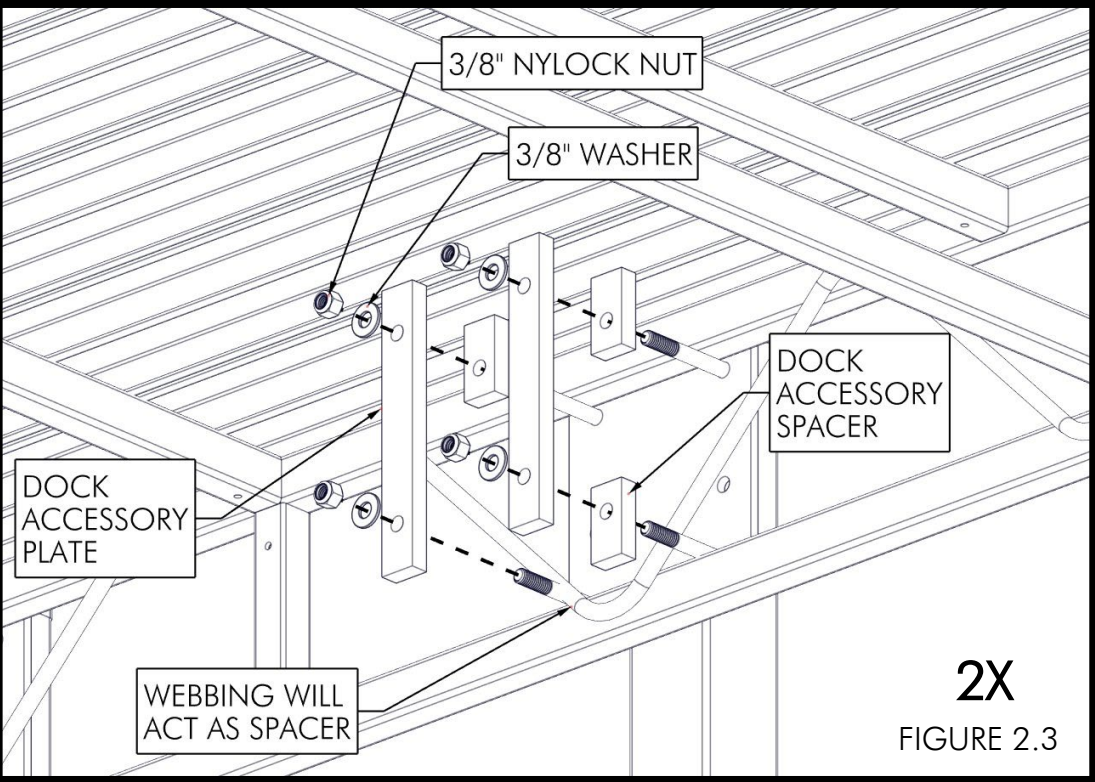


FIGURE 2.3

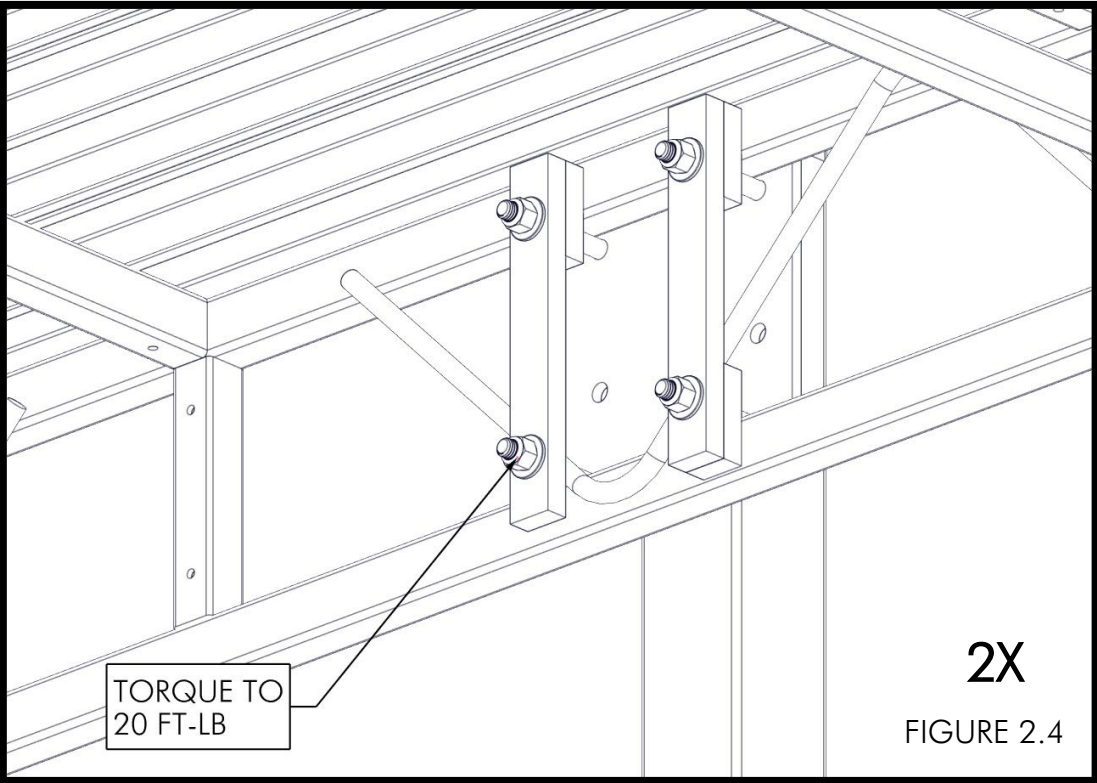
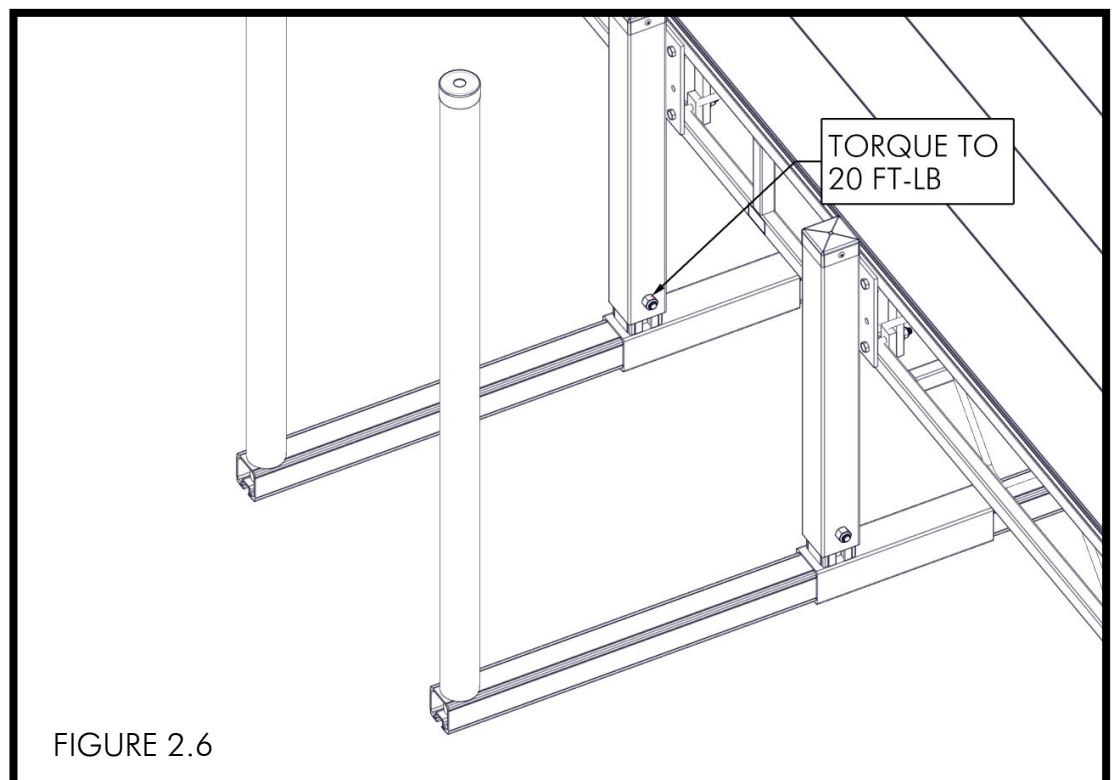
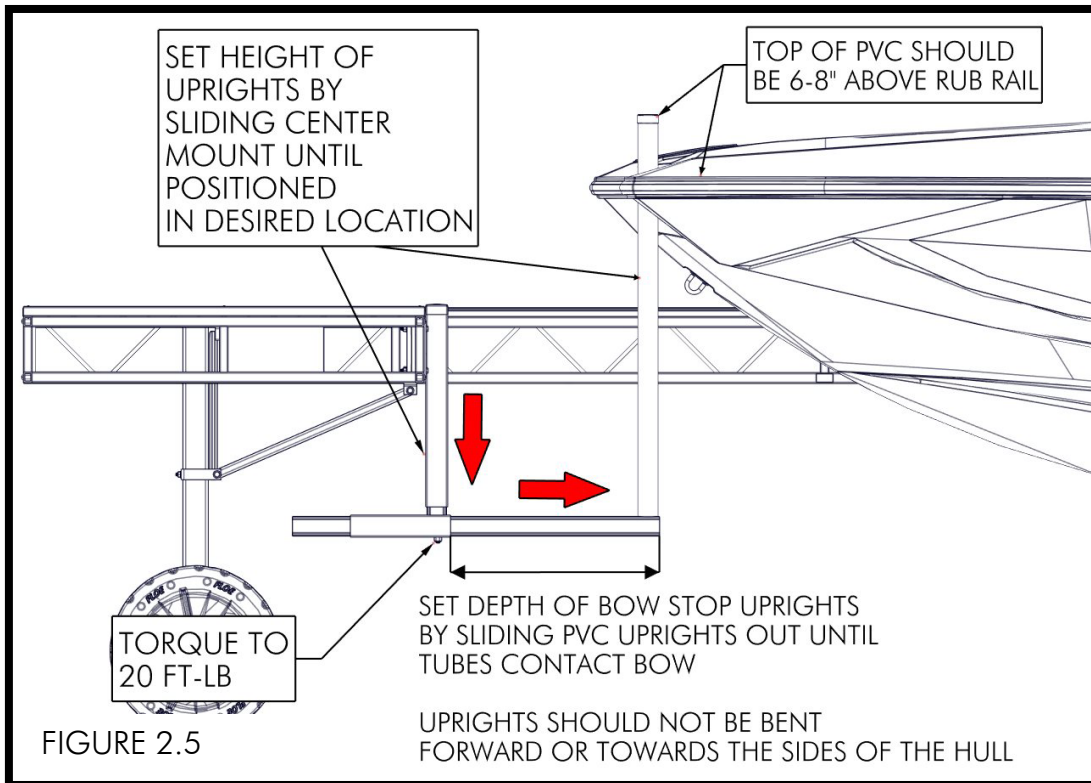


FIGURE 2.4

PARK BOAT ON LIFT AND SET THE POSITION OF BOW STOP UPRIGHTS BY SLIDING THE UPRIGHTS UNTIL THEY CONTACT THE BOAT. THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL AND THE TOP OF THE TUBE SHOULD BE 6-8 INCHES ABOVE THE RUB RAIL WHEN THE BOAT IS FLOATING INSIDE OF THE LIFT. TORQUE 1/2" NYLOCK NUTS TO 20 FT-LBS (FIGURES 2.5 & 2.6).



ASSEMBLY

SECTIONAL DOCKS

WITH THE CENTER TO CENTER MEASUREMENT FROM THE PRE-INSTALLATION STEP, USE THE UPPER MOUNTS AS A DRILL GUIDE BY CLAMPING THEM TO THE DOCK SIDE. (FIGURE 3.1). WHILE ENSURING THAT THE MOUNTS ARE SQUARE TO THE TOP OF THE DOCK, DRILL A HOLE AT EACH LOCATION USING A 13/32" DRILL BIT (FIGURE 3.2).

FIGURE 3.1

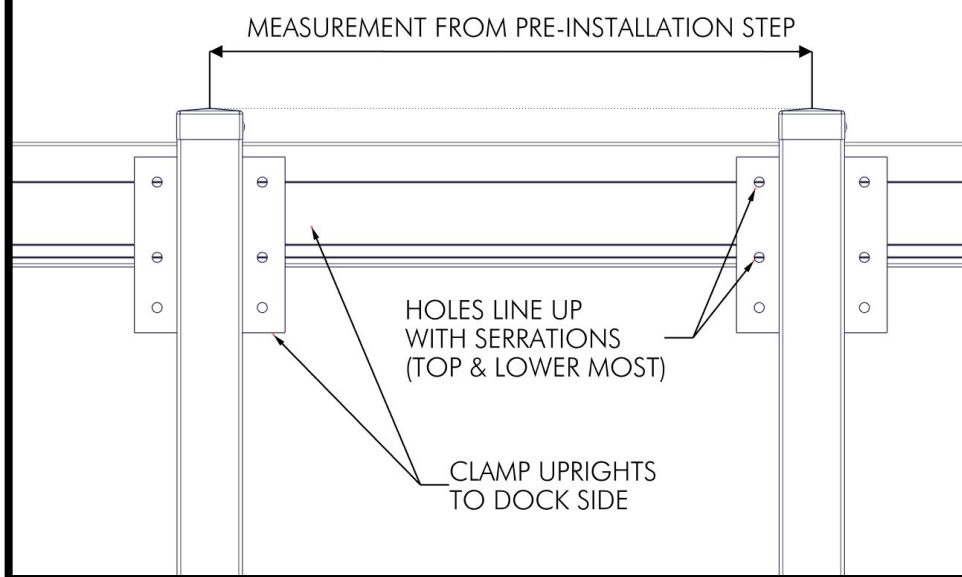
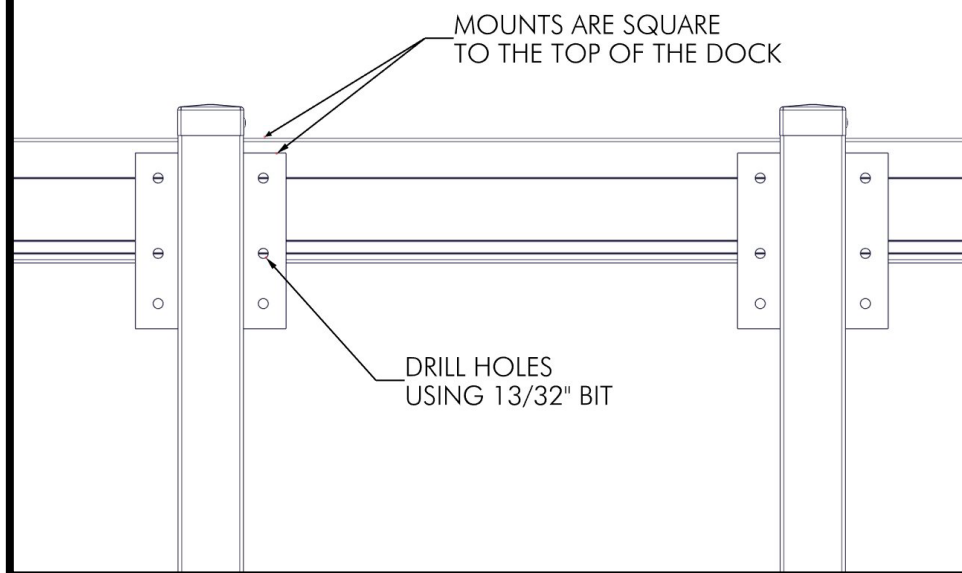
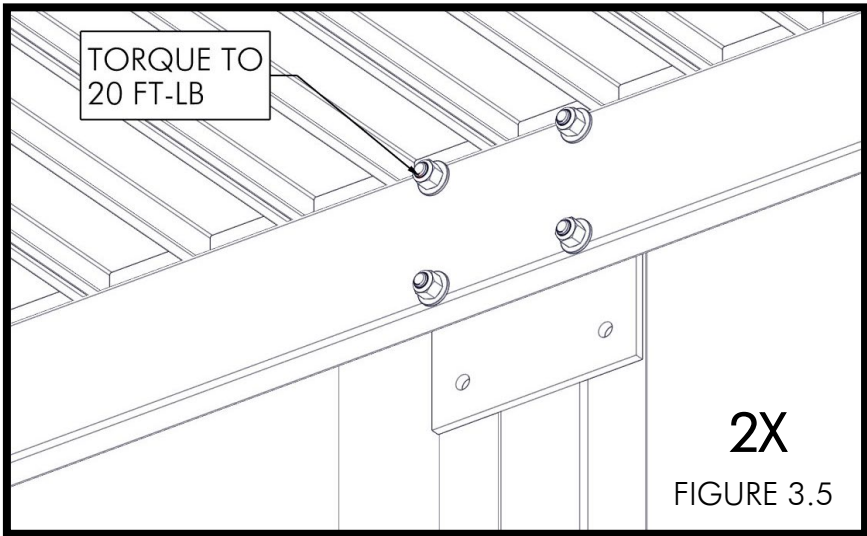
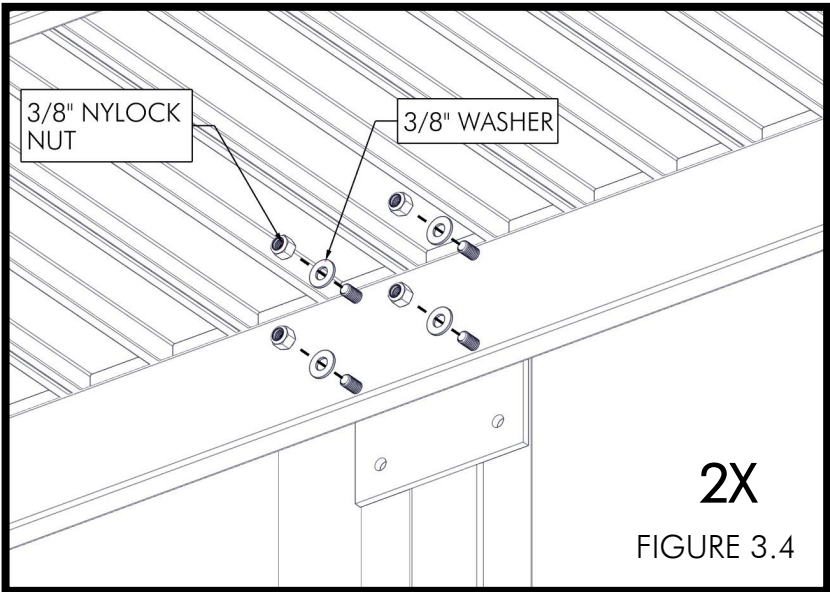
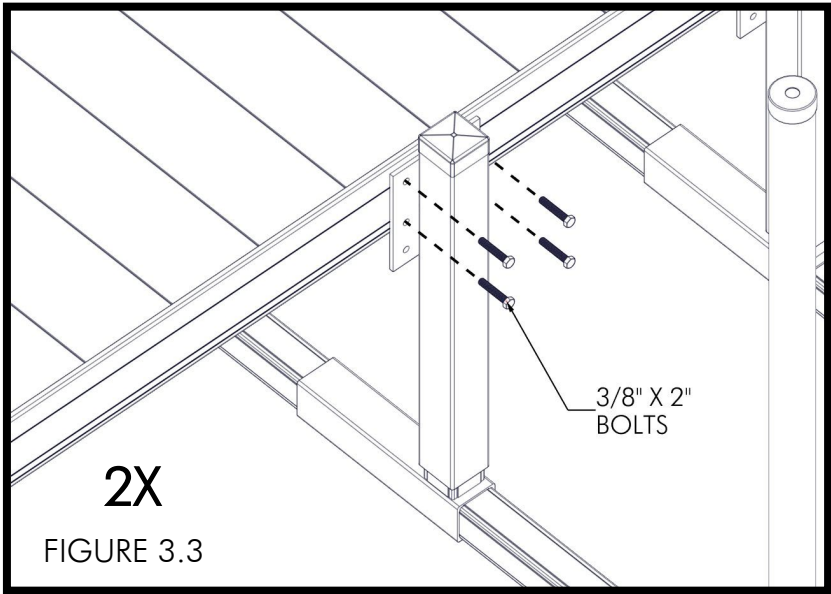


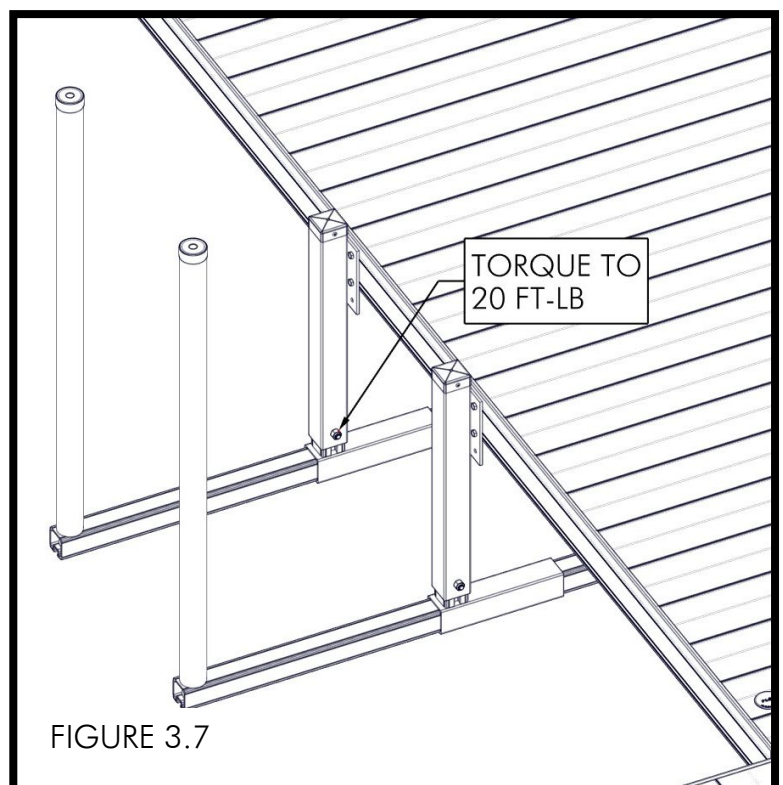
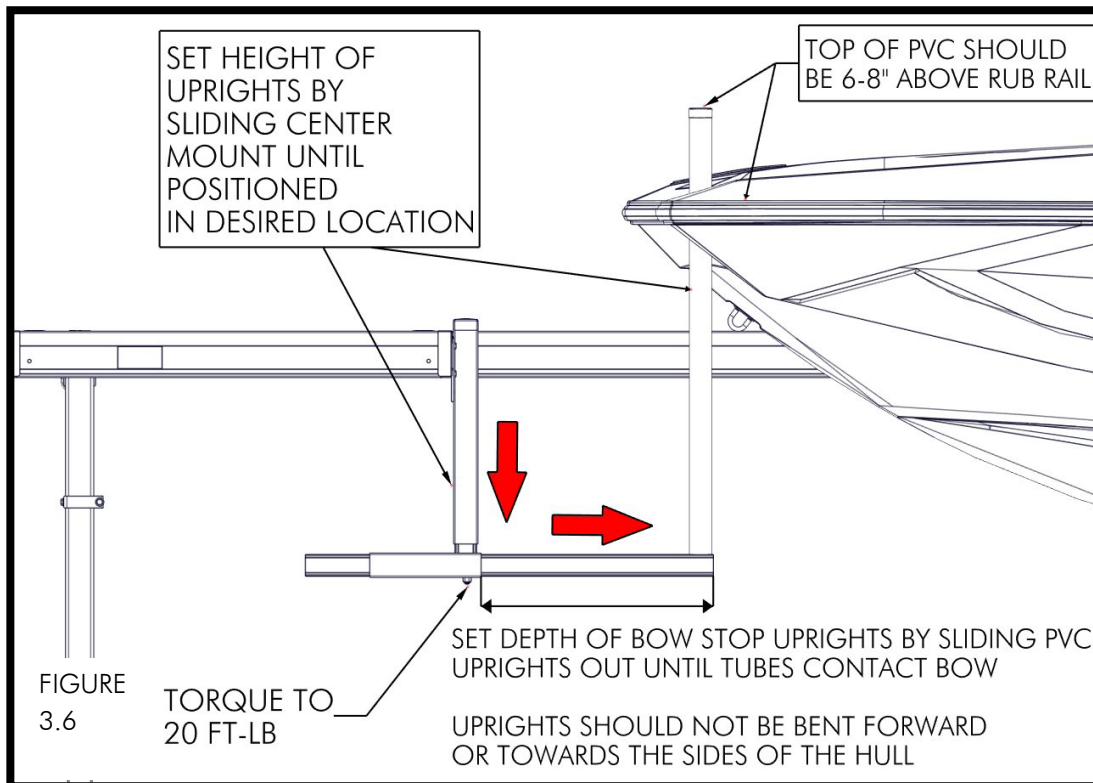
FIGURE 3.2



ATTACH UPRIGHT ASSEMBLY TO DOCK WITH (4) 3/8" X BOLTS (FIGURE 3.3), (4) 3/8" WASHERS, AND (4) 3/8" NYLOCK NUTS (FIGURE 3.4). TORQUE TO 20 FT-LBS (FIGURE 3.5).



PARK BOAT ON LIFT AND SET THE POSITION OF BOW STOP UPRIGHTS BY SLIDING THE UPRIGHTS UNTIL THEY CONTACT THE BOAT. THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL AND THE TOP OF THE TUBE SHOULD BE 6-8 INCHES ABOVE THE RUB RAIL WHEN THE BOAT IS FLOATING INSIDE OF THE LIFT. TORQUE 1/2" NYLOCK NUTS TO 20 FT-LB (FIGURES 3.6 & 3.7).



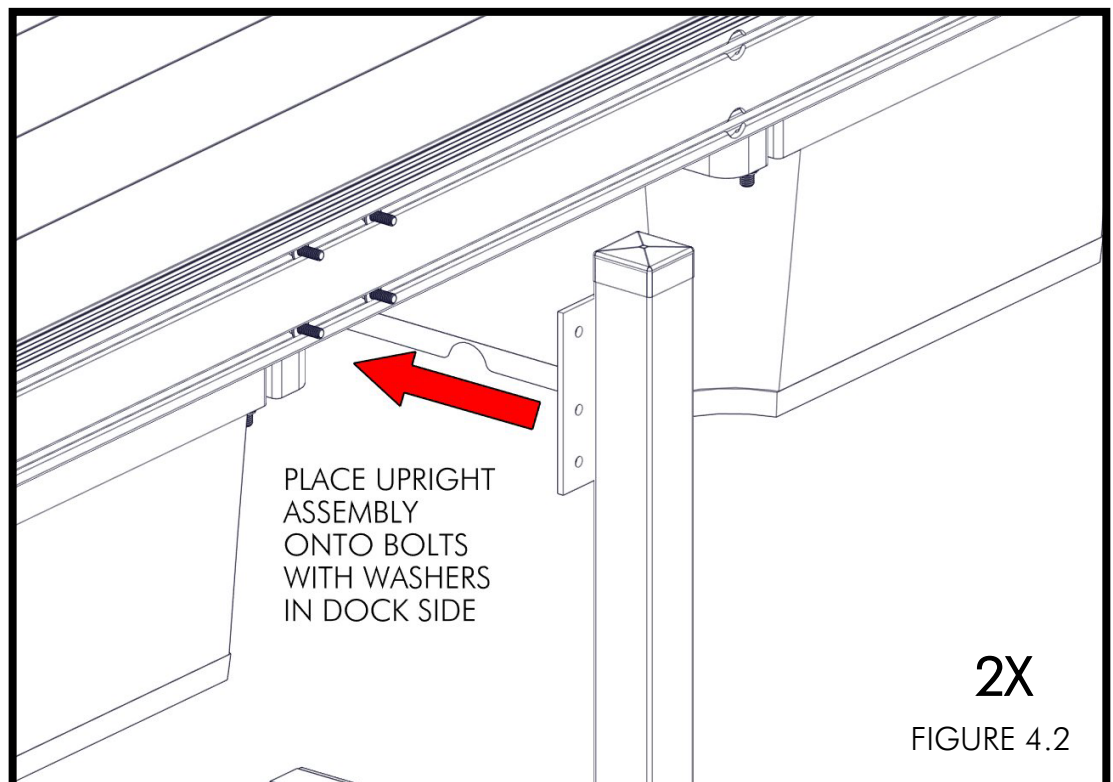
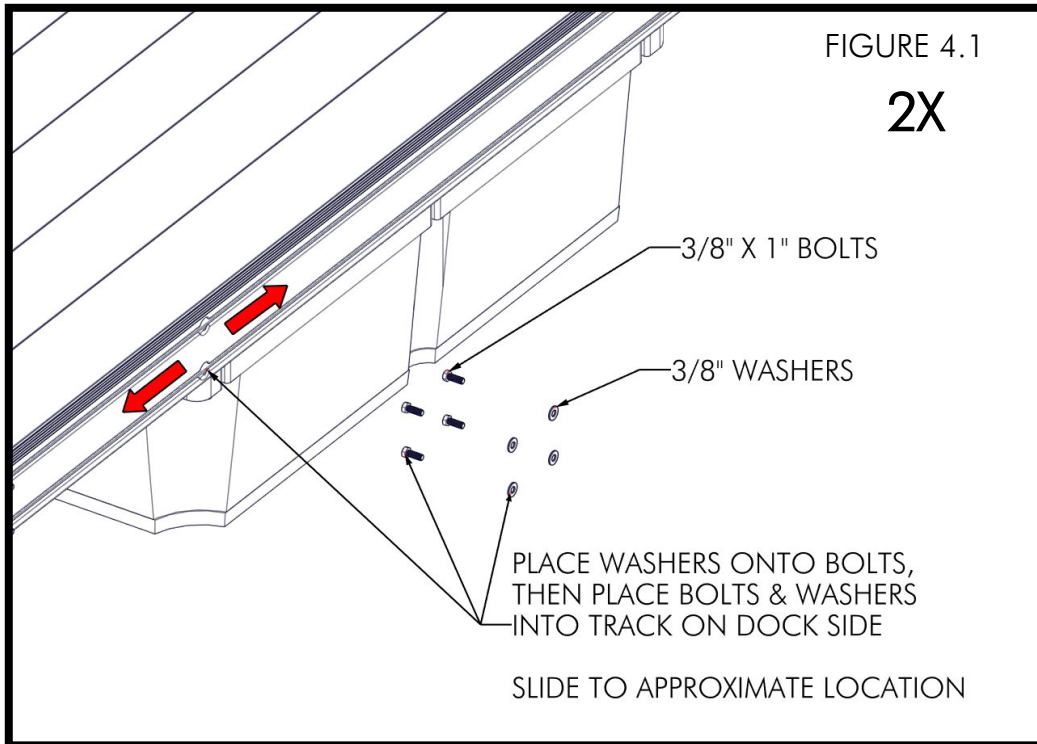
ASSEMBLY

FLOATING DOCKS

SLIDE (4) 3/8" X BOLTS WITH (4) 3/8" WASHERS INTO EACH TRACK TO THE APPROXIMATE FINAL LOCATION (FIGURE 4.1). PLACE UPRIGHT ASSEMBLY ONTO THE BOLTS WITH WASHERS (FIGURE 4.2).

FIGURE 4.1

2X



ATTACH USING (4) 3/8" NYLOCK NUTS PER UPRIGHT. DO NOT TORQUE (FIGURE 4.3). SET THE WIDTH OF THE UPRIGHTS ON DOCK USING THE TAKEN MEASUREMENT FROM THE PRE-INSTALLATION STEP. THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL (FIGURE 4.4).

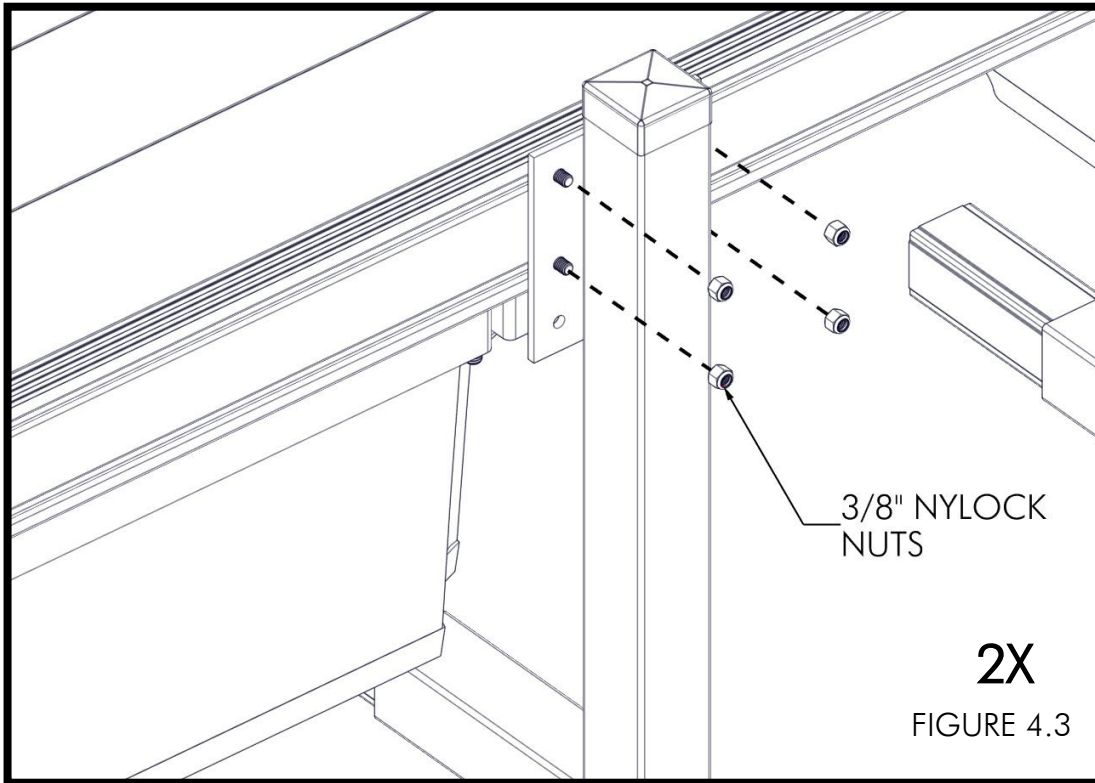
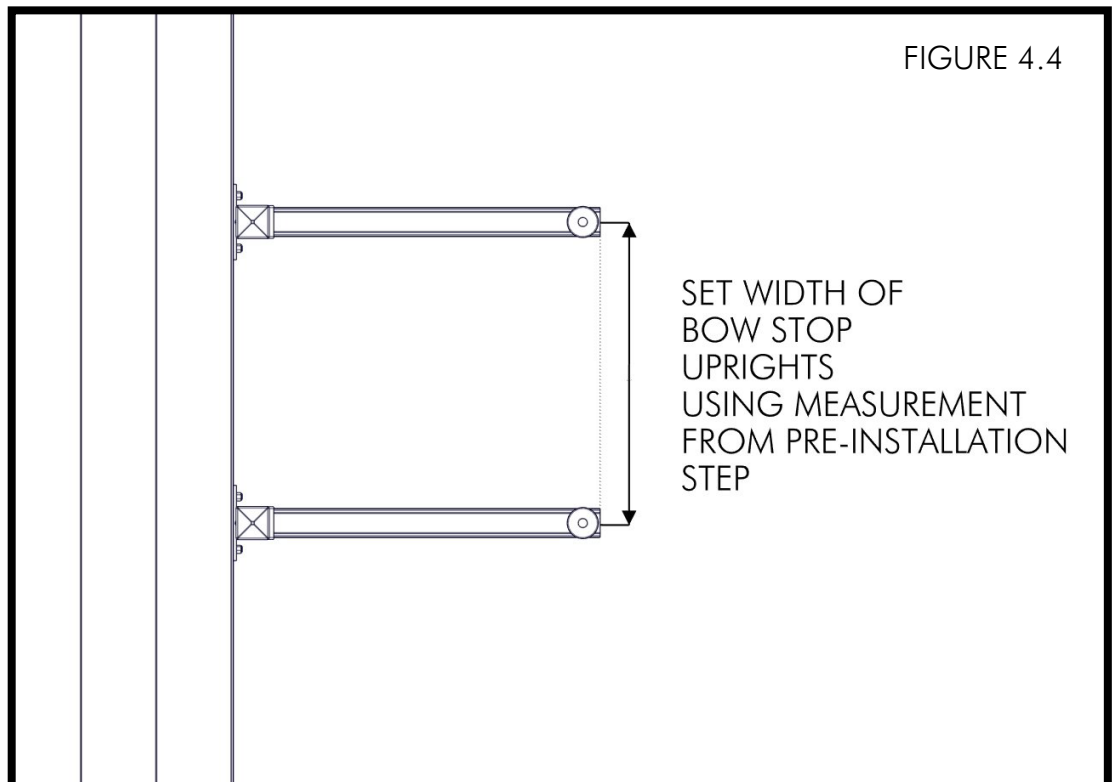
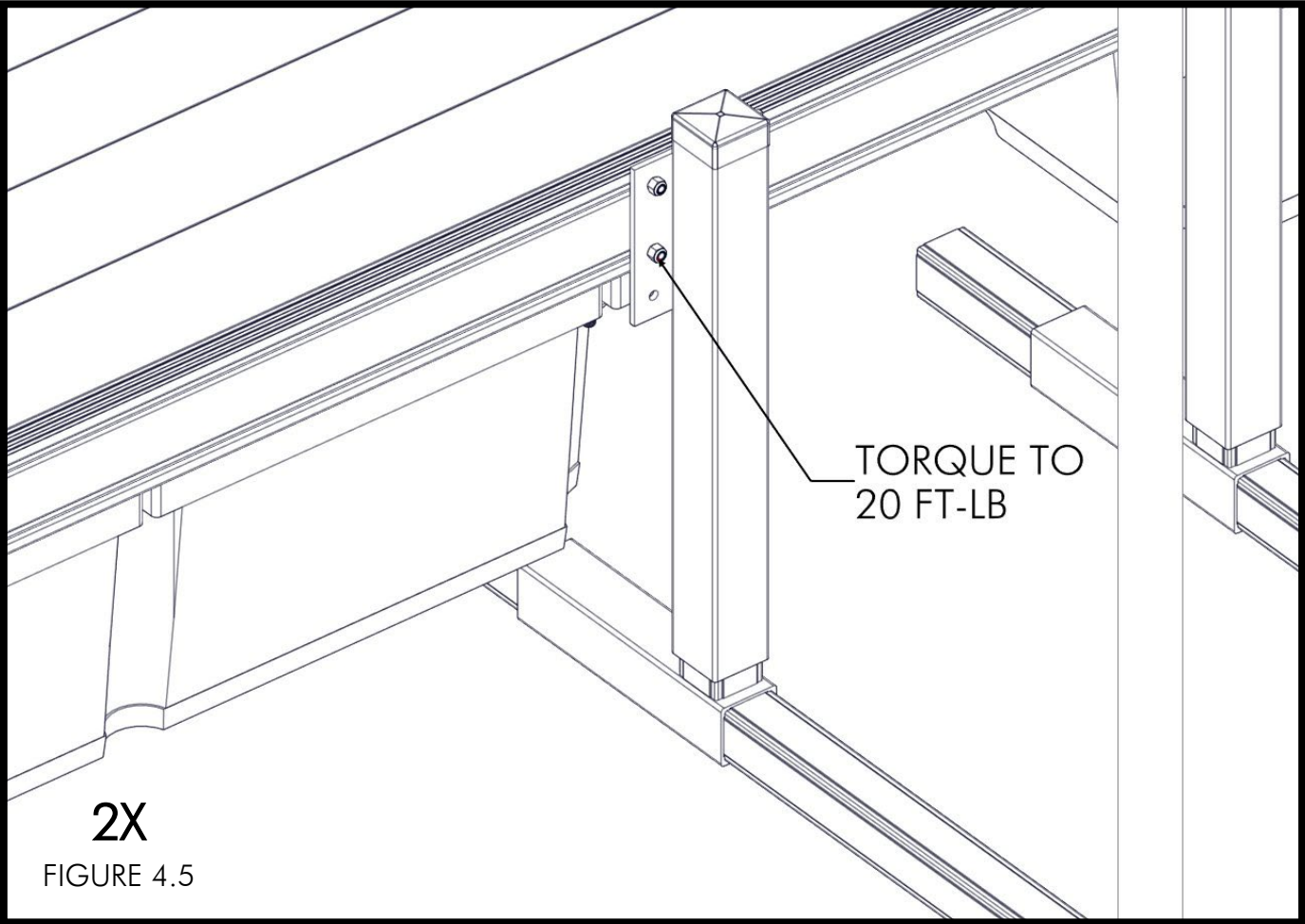


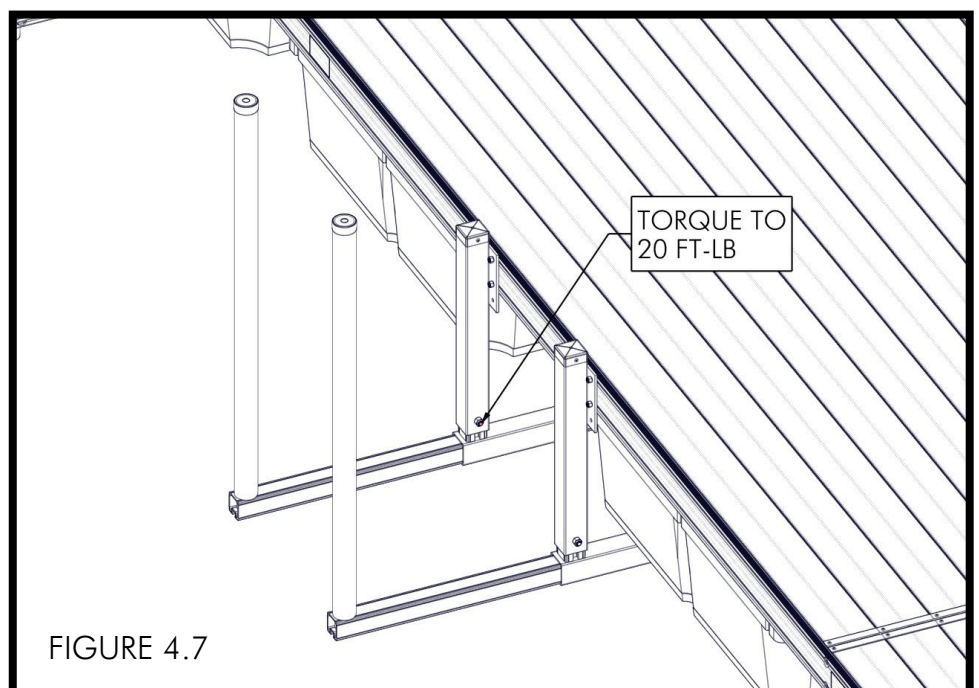
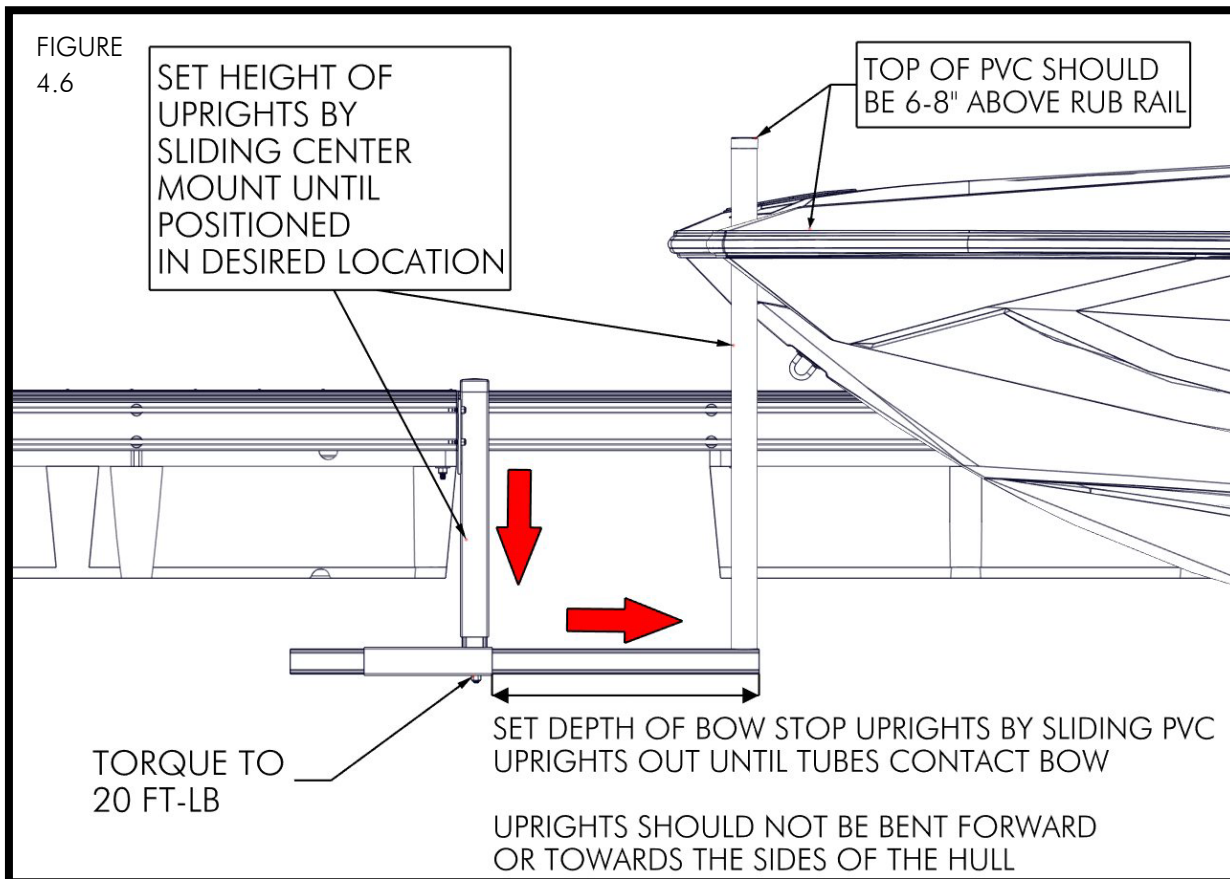
FIGURE 4.4



TORQUE NUTS TO 20 FT-LBS (FIGURE 4.5).



PARK BOAT ON LIFT AND SET THE POSITION OF BOW STOP UPRIGHTS BY SLIDING THE UPRIGHTS UNTIL THEY CONTACT THE BOAT. THE PVC UPRIGHTS SHOULD NOT BE BENT FORWARD OR TOWARDS THE SIDES OF THE HULL AND THE TOP OF THE TUBE SHOULD BE 6-8 INCHES ABOVE THE RUB RAIL WHEN THE BOAT IS FLOATING INSIDE OF THE LIFT. TORQUE 1/2" NYLOCK NUTS TO 20 FT-LB (FIGURES 4.6 & 4.7).



NOTES

