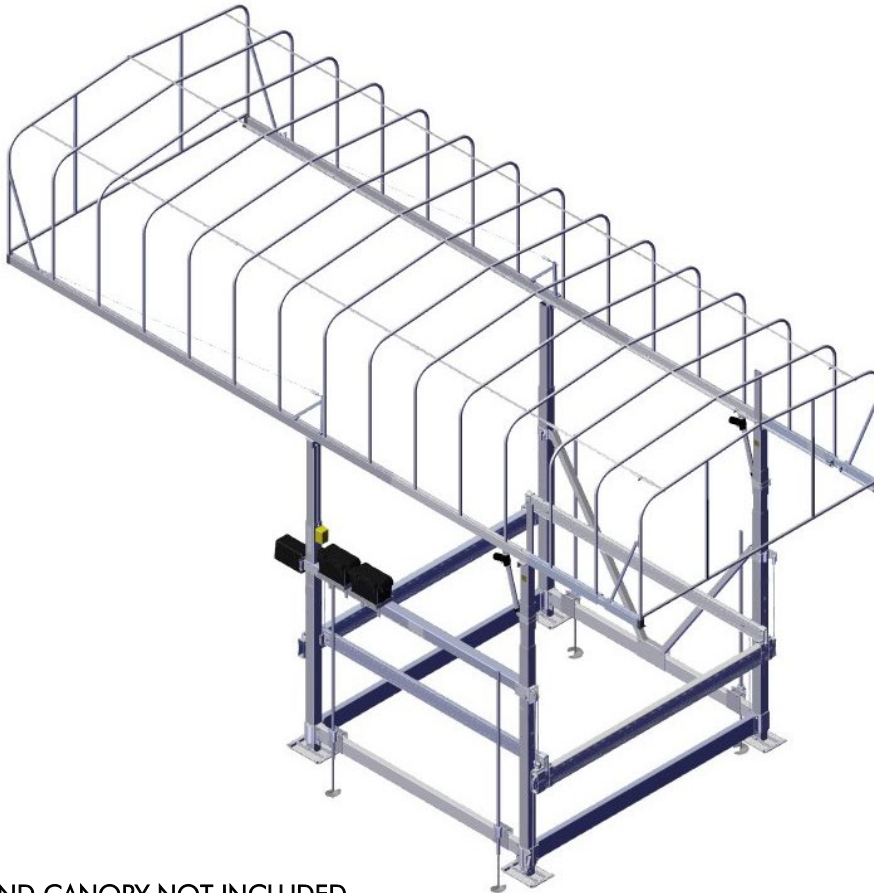


**FLOE MAXIS TILTING CANOPY
KIT-10.5'-11' (VSD6000-10000)
ASSEMBLY INSTRUCTIONS
P/N 512-65001-01**



TOOLS REQUIRED
-1/4" ALLEN WRENCH
-(2) 9/16" SOCKET/WRENCH
-(2) 3/4" SOCKET/WRENCH
-5/16" HEX SOCKET
-TORQUE WRENCH
-SCISSORS
-1/2" SPACER

*LIFT AND CANOPY NOT INCLUDED

INSTALLATION REQUIREMENT

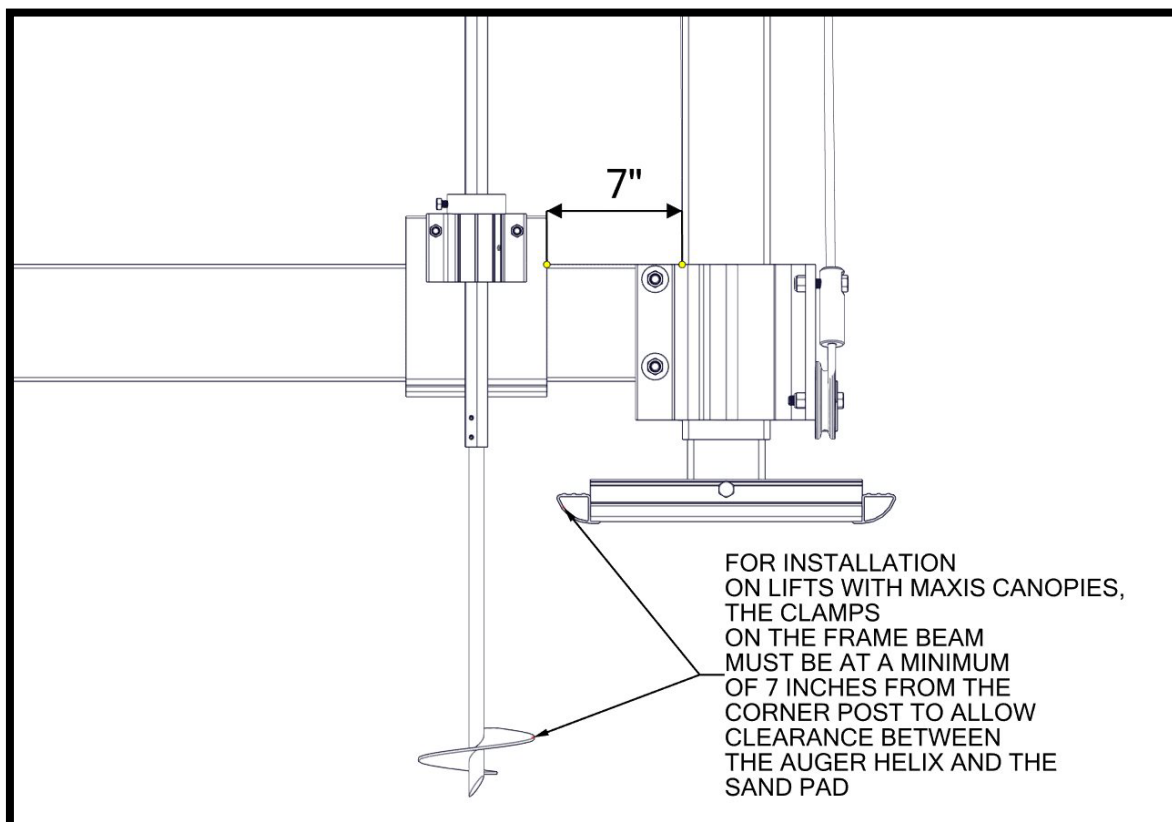
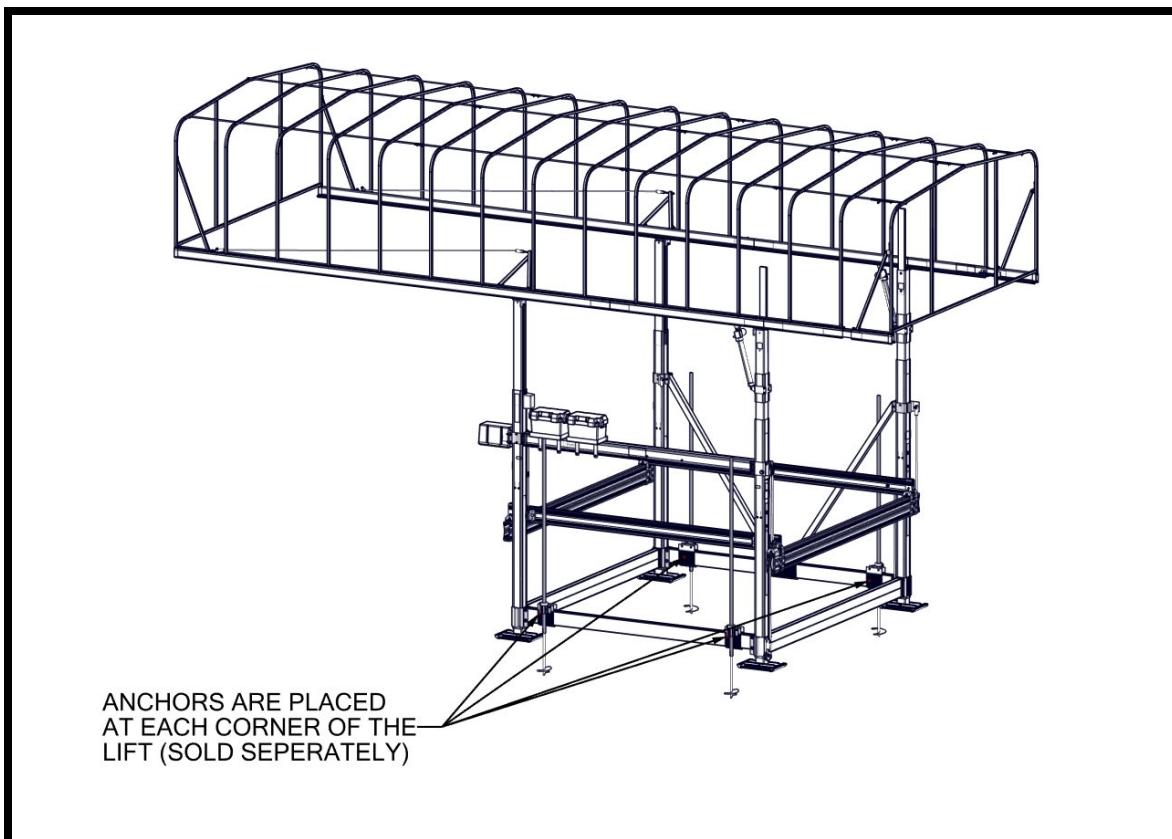
**TWO SETS OF ANCHORING SYSTEMS (FOUR TOTAL ANCHORS) MUST BE USED
WHEN INSTALLING A MAXIS CANOPY.**

ANCHORING SYSTEMS:

512-00051-00: ANCHORING SYSTEM, 6-8K

512-00053-00: ANCHORING SYSTEM, 6-8K DEEP

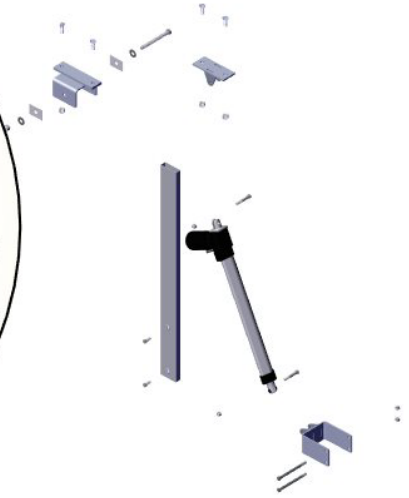
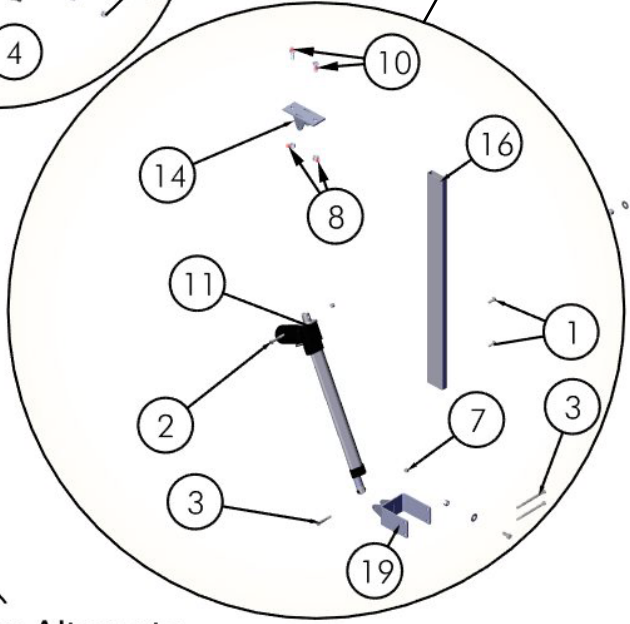
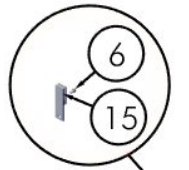
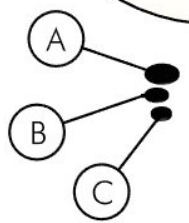
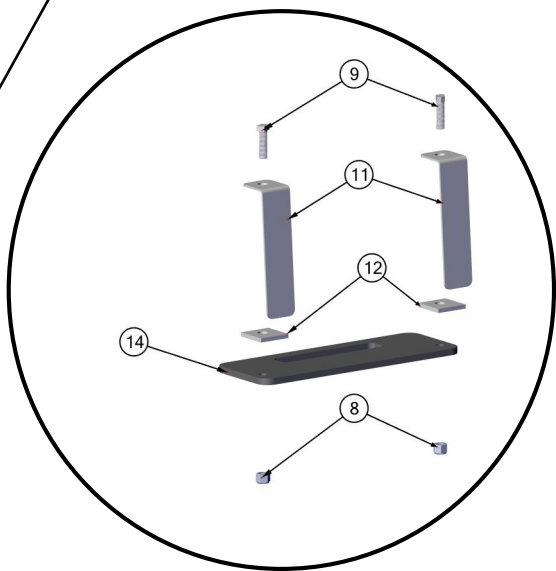
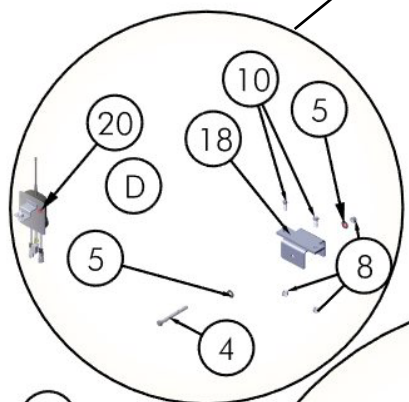
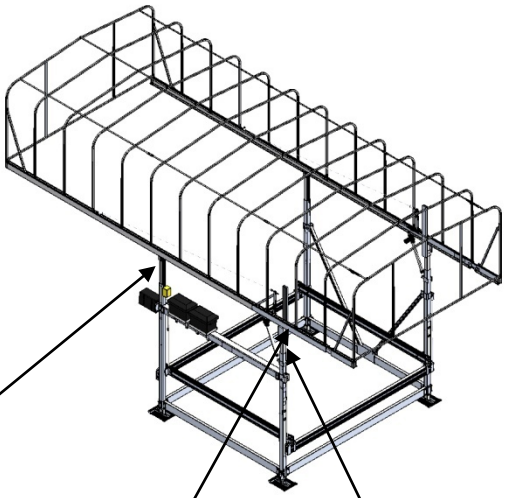
ANCHORING SYSTEM PLACEMENT



BILL OF MATERIALS**512-65001-01 (VSD 6000-10000)**

P/N 512-65001-01	Kit, Canopy- Tilting VSD 6000-10,000		
<u>NUMBER</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	001-70103-00	HHCS, 3/8-16 x 3/4" 18-8 ss	4
2	001-70113-00	HHCS, 3/8-16 x 2 1/2" 18-8 ss	4
3	001-70124-00	HHCS, 3/8-16 x 5 1/2" 18-8 ss	4
4	001-70224-00	HHCS, 1/2-13 x 5 1/2" 18-8 ss	2
5	001-71021-00	FLAT WASHER, 1/2" 18-8 SS	6
6	001-73536-00	SHCS, 3/8-16 x 1/2" 18-8 SS	1
7	001-76071-00	NUT, NYLOCK 3/8-16 ALUM.	8
8	001-76072-00	NUT, NYLOCK 1/2-13 ALUM.	14
9	002-00074-00	Bolt, Canopy Support (Fab)	4
10	002-00151-00	Bolt, Canopy Rail 1/2 x 1-1/4" (Fab)	8
11	002-00263-00	Tab, Maxis Guide	4
12	002-00264-00	Spacer, Maxis Containment Bracket	4
13	003-60000-00	Actuator 18" 400lbs	2
14	007-00018-00	Bracket, Maxis Containment Plastic	2
15	112-00144-00	Weld't, ASC Battery Tray Mnt.	1
16	112-00146-01	Ass'y, Vert. Guide 10.5' Tilt Canopy	2
17	112-01060-00	Weld't, Upper Act. Mount	2
18	112-01062-00	Weld't, Canopy Rail Hinge 10.5'	2
19	112-01068-00	Weld't, Lower Act. Mount 10.5'	2
20	511-00873-00	Kit, Maxis Wireless w/Harness	1
511-00873-00	Kit, Maxis Wireless w/Harness		
<u>LETTER</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
A	003-20001-00	Harness, Tilting Canopy-33'	1
B	003-20002-00	Harness, Tilting Canopy-13'	1
C	014-02310-00	Velcro, 1/2" Double Side Black	10 yd.
D	511-00874-00	Wireless, Maxis Remote w/Fobs	1
511-00874-00	Wireless, Maxis Remote w/Fobs		
<u>LETTER</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>
a	001-72525-00	RPH MS, 8-32 X 3/4" SS	2
b	001-76209-00	Nut, Nylock 8-32 Alum.	2
c	001-76350-00	Nut, 1/2-13 Alum.	1
d	002-00151-00	Bolt, Canopy Rail 1/2 x 1-1/4" (Fab)	1
e	007-05309-00	Connector, Breaker Spade	1
f	007-05358-00	Circuit Breaker, 10 amp	1
g	112-01069-00	Weld't, Receiver Mount	1
h	511-00871-00	Wireless, Radio Remote and Fobs Maxis Ctrl.	1

EXPLODED VIEW
512-65001-01 (VSD 6000-10000)



Used in Alternate Configuration Only

INSTALLATION

TILT BRACKETS / RECIEVER MOUNT / ACTUATORS

STEP 1

-PLACING CANOPY LEGS

INSERT A CANOPY LEG (INCLUDED IN CANOPY HOOPS) IN EACH OF THE CORNER POSTS. TILTING LEGS (002-00170-00, SHOWN BELOW) ARE PLACED IN PIVOTING SIDE (SHORE-END) CORNER POSTS. NON-TILTING LEGS (002-00172-00) ARE PLACED IN NON PIVOTING SIDE CORNER POSTS. ATTACH USING A 1/2-13 x 1 1/4" BOLT, FLAT WASHER, AND NYLOCK NUT (INCLUDED WITH CANOPY HOOPS). (FIG. 1).

PLACE BOLT AND WASHER IN CORNER POST. (FIG. 2).

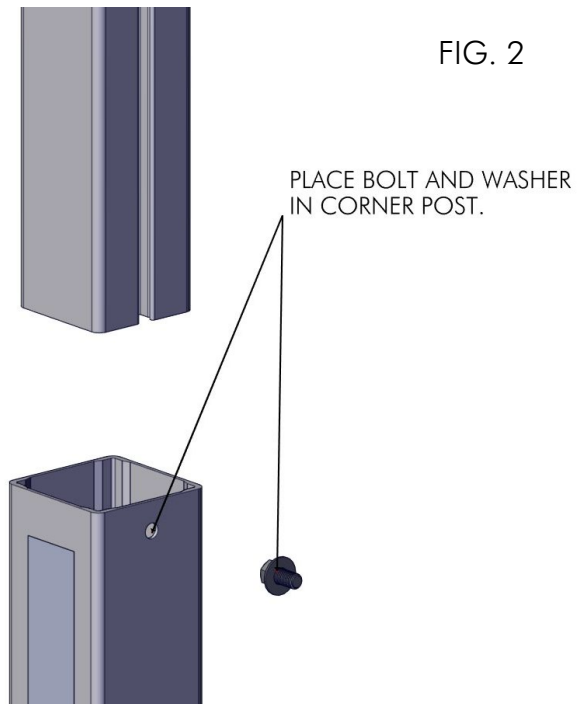
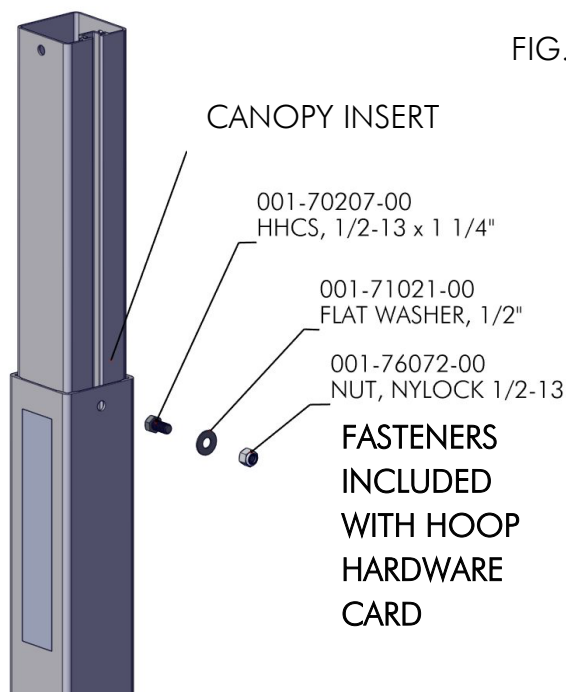
SLIDE CANOPY LEG INTO CORNER POST. BOLT AND WASHER ARE INSERTED INTO CANOPY LEG NUT TRACK. (FIG. 3).

WHEN PLACING NON-TILTING LEG INTO CORNER POST, FACE HOLES TOWARDS INSIDE OF LIFT (FIG. 4).

PLACE ASC ONTO BOLT. (FIG. 5).

LEG MUST BE INSERTED TO HAVE 18 INCHES ABOVE CORNER POST.

PLACE NUT ON BOLT. TORQUE TO 60 FT-LBS. (FIG. 6).



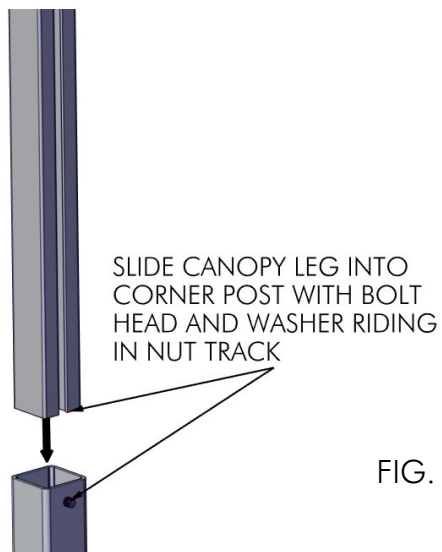


FIG. 3

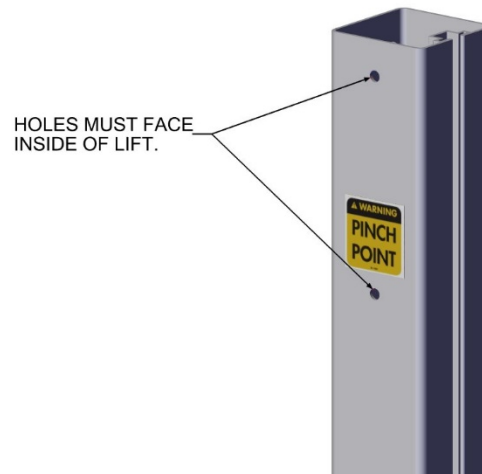


FIG. 4

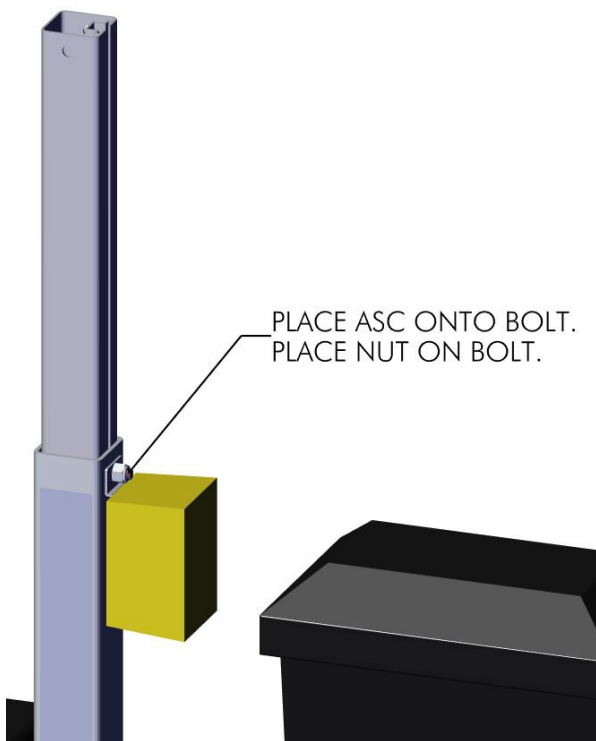


FIG. 5

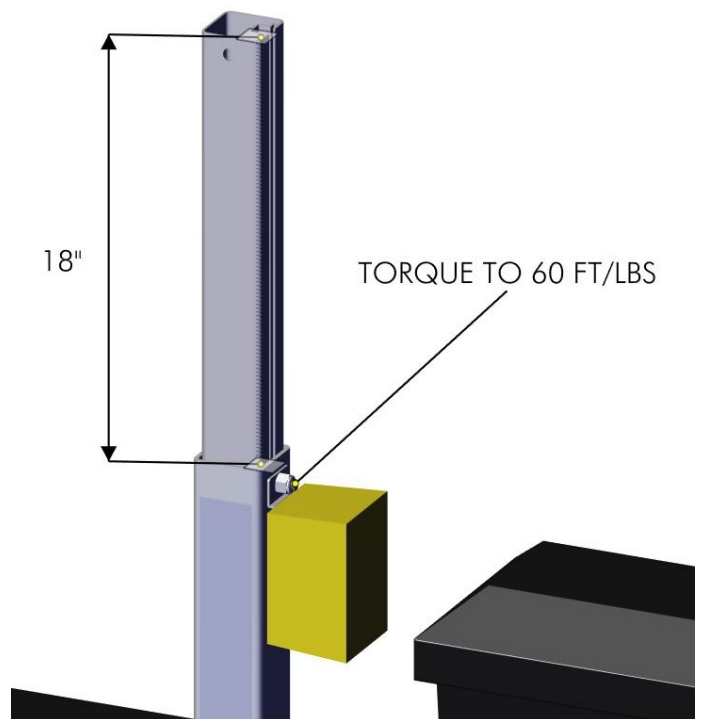
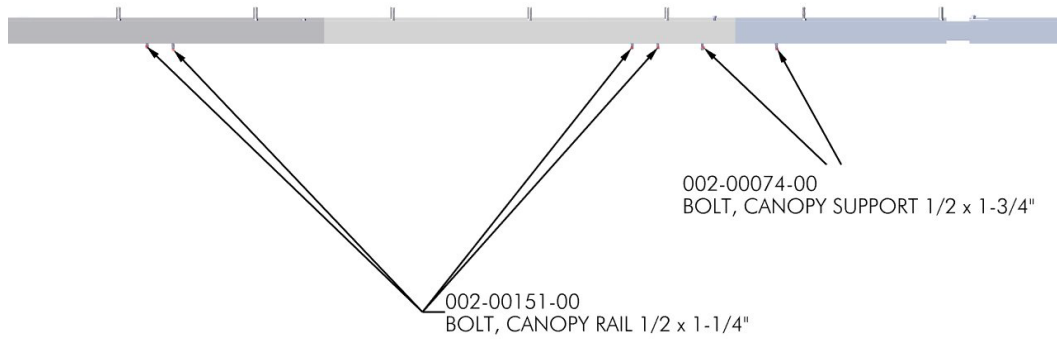


FIG. 6

STEP 2

INSERT SPECIAL BOLTS INTO BOTH CANOPY RAILS AS SHOWN.



STEP 3

-ATTACH UPPER BRACKETS

ATTACH ALL UPPER BRACKETS TO CANOPY RAILS AS SHOWN BELOW. PLACE 1/2-13 NYLOCK NUTS ON EACH BOLT. DO NOT TIGHTEN.



STEP 4

-ASSEMBLE CANOPY VERTICAL GUIDES (FIG. 1).

PLACE CANOPY VERTICAL GUIDES INTO REAR CANOPY LEGS AND ALIGN HOLES.
(FIG. 2).

PLACE 3/8-16 x 3/4" BOLTS INTO CANOPY LEG AND GUIDE-IN HOLES (FIG. 3).
TORQUE TO 10 FT-LBS. (FIG. 4).

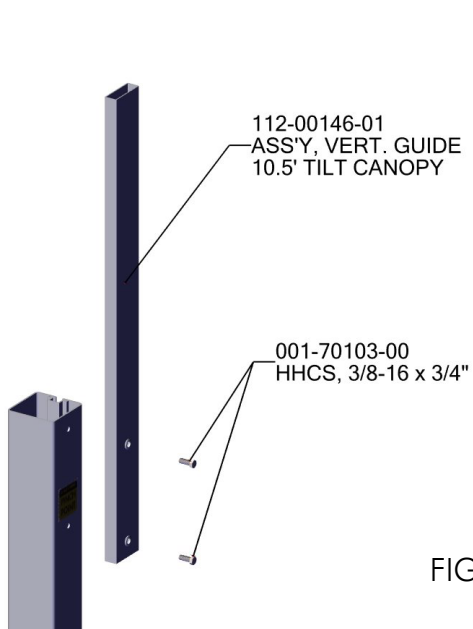


FIG. 1

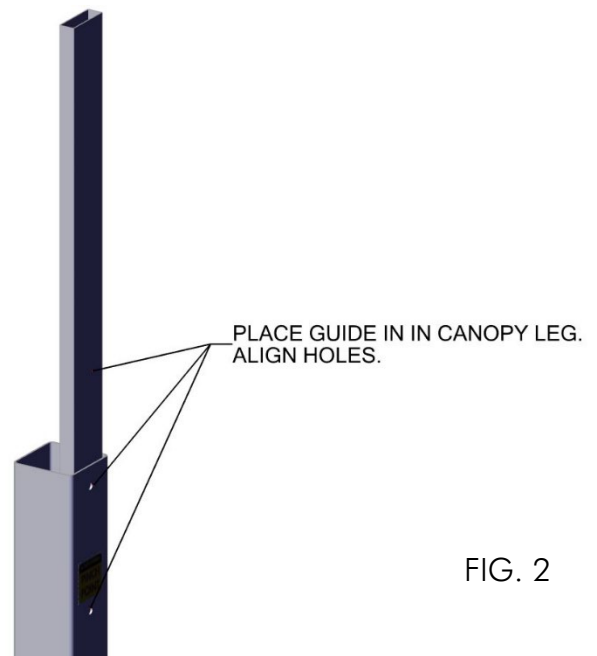


FIG. 2

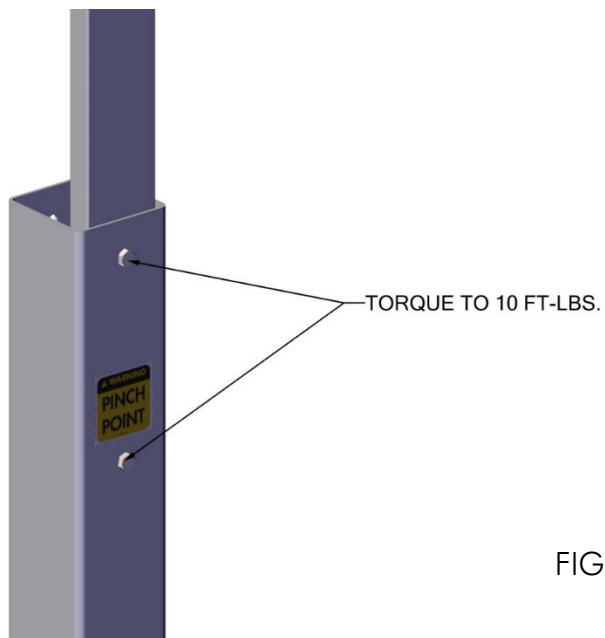
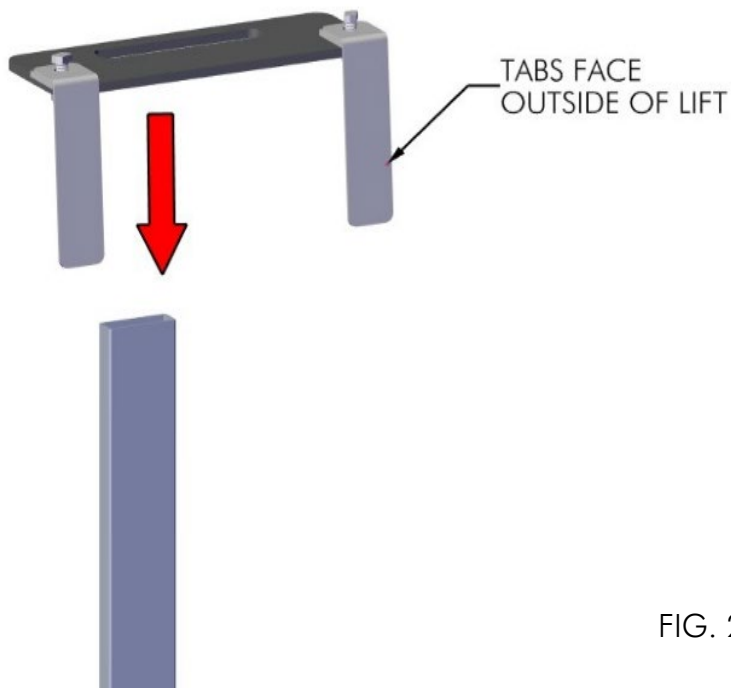
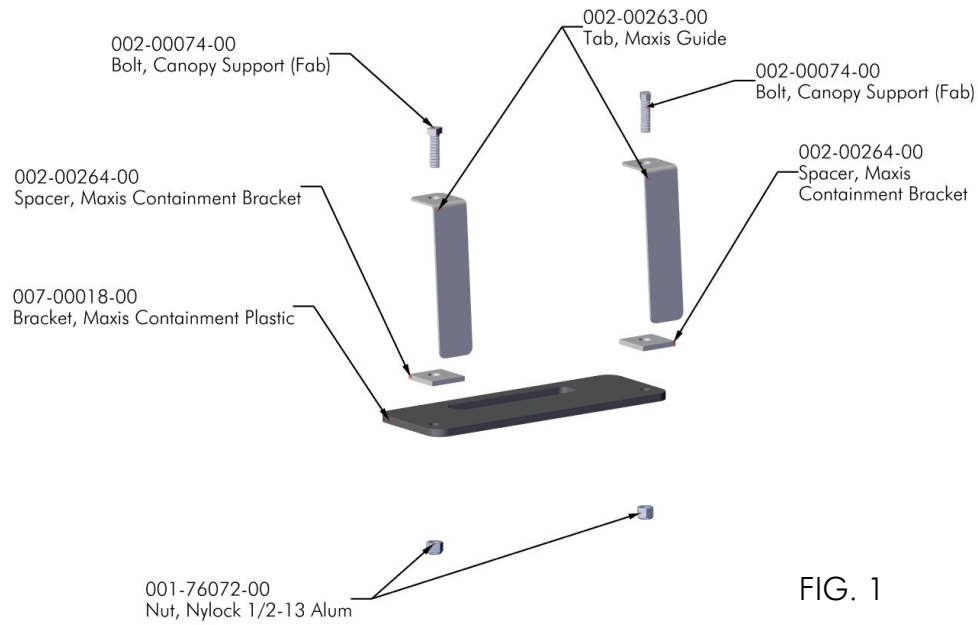


FIG. 3

STEP 5

SLIDE CONTAINMENT BRACKET OVER VERTICAL GUIDE WITH FASTENERS IN PREPARATION FOR NEXT STEP (FIG. 1 & 2)



STEP 6

-BRACKET PLACEMENT

CENTER UPPER BRACKETS TO POSITION ABOVE EACH CANOPY LEG (FIG. 1 & 2). PLACE CONTAINMENT BRACKET 0.5" FROM SIDE OF VERTICAL GUIDE FACING FRONT OF LIFT (FIG. 3).

TORQUE NUTS TO 60 FT-LBS (FIG. 1 & 3)

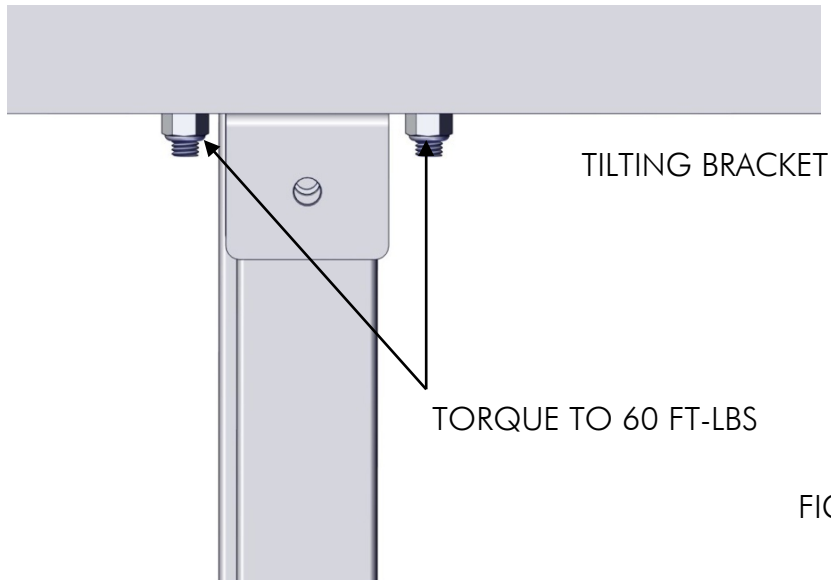


FIG. 1

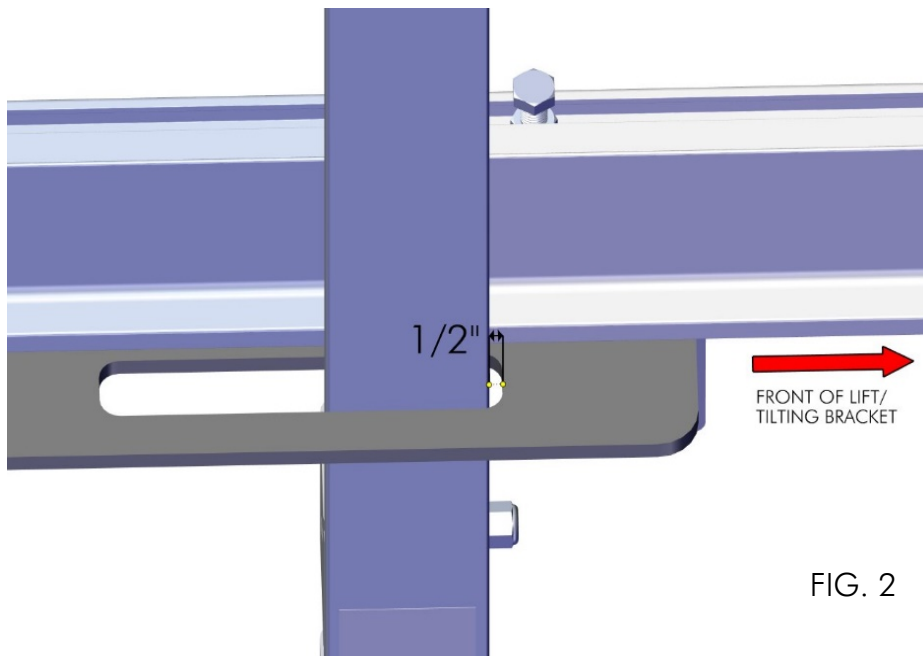


FIG. 2

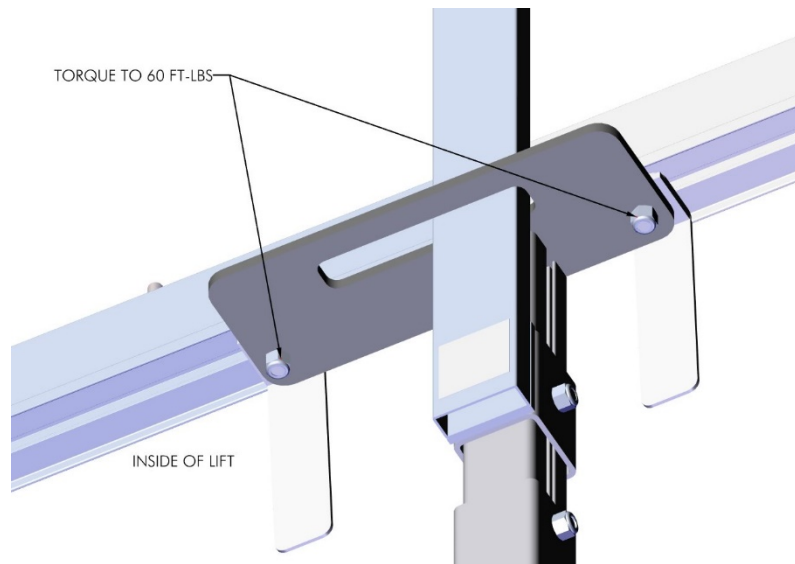


FIG. 3

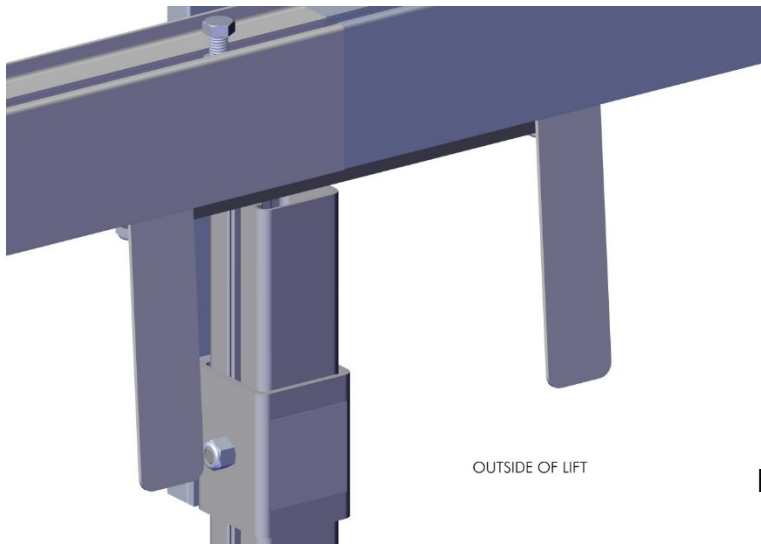


FIG. 4

STEP 7

-ALIGN CANOPY

ALIGN RAILS (SHOWN ASSEMBLED WITH HOOPS) ON LIFT TO DESIRED OVERHANG. ARRANGEMENT WILL DEPEND ON POSITION OF BOAT ON LIFT (FIG.1).

IMPORTANT: WHEN ASSEMBLING CANOPY, PLACE END HOOPS WITH RIVET NUTS FACING INWARDS. THIS IS FOR ATTACHMENT OF THE END HOOP SUPPORT BRACKETS. THE BRACKETS SHOWN IN FIGURE 2 ARE PLACED ON THE NON-TILTING SIDE. THE BRACKETS SHOWN IN FIGURE 3 ARE PLACED ON THE TILTING SIDE.

OVERHANG
DEPENDANT
ON BOAT'S
POSITON.
BOAT'S
CENTER OF
GRAVITY
SHOULD BE
CENTERED
ON LIFT.



FIG. 1

*HOOPS & END SUPPORTS NOT INCLUDED WITH TILT KIT



FIG. 2

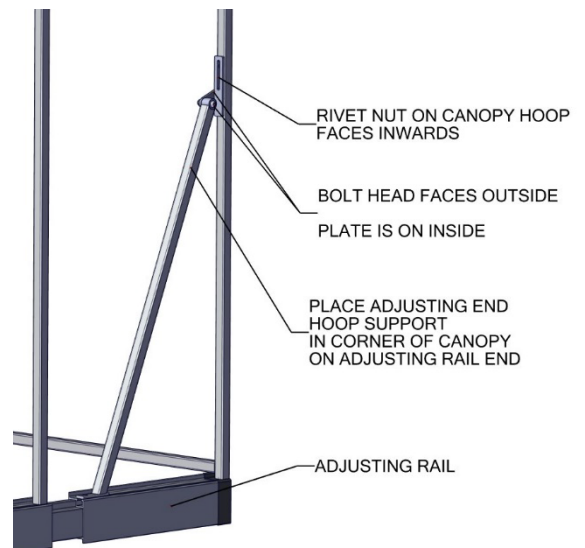


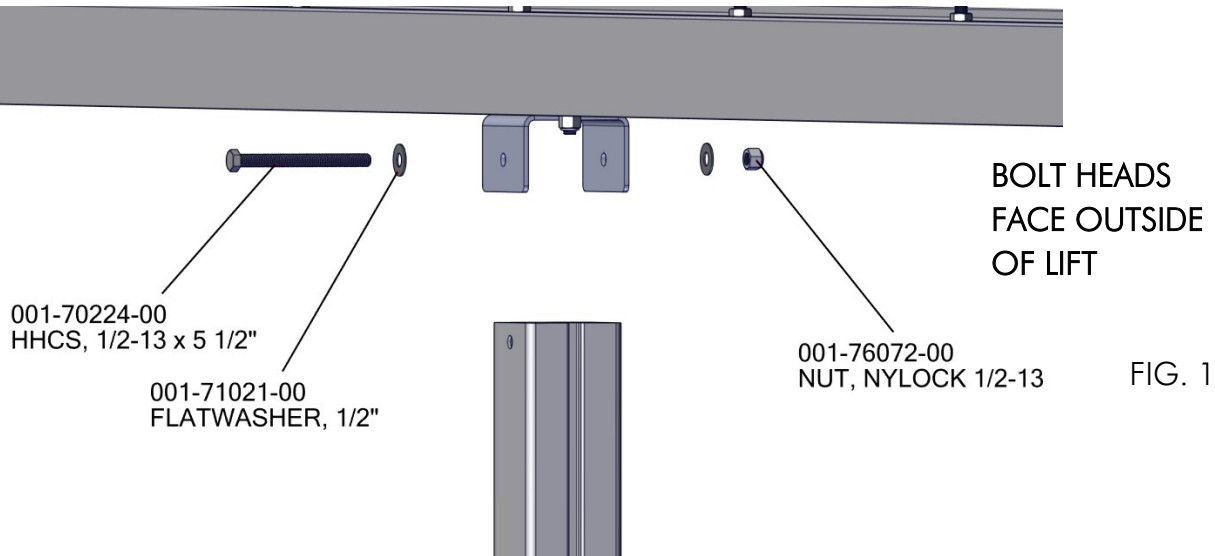
FIG. 3

STEP 8

-FASTEN TILTING BRACKET (FIG. 1)

INSERT 1/2-13 x 5 1/2" BOLT, WASHERS, AND NUT INTO TILTING BRACKET.

ONLY TIGHTEN TO ENGAGE NYLOCK AND REMOVE PLAY IN BOLT. DO NOT TORQUE.



STEP 9

-ATTACH ACTUATORS

PLACE ACTUATORS INTO UPPER AND LOWER BRACKETS (FIG.1 AND FIG.2). ATTACH USING 3/8-16 x 2 1/2" BOLTS AND 3/8-16 NYLOCK NUTS (FIG.1 AND FIG. 2).

ACTUATOR MOTORS MUST FACE TOWARDS BOTTOM OF LIFT AS SHOWN BELOW.

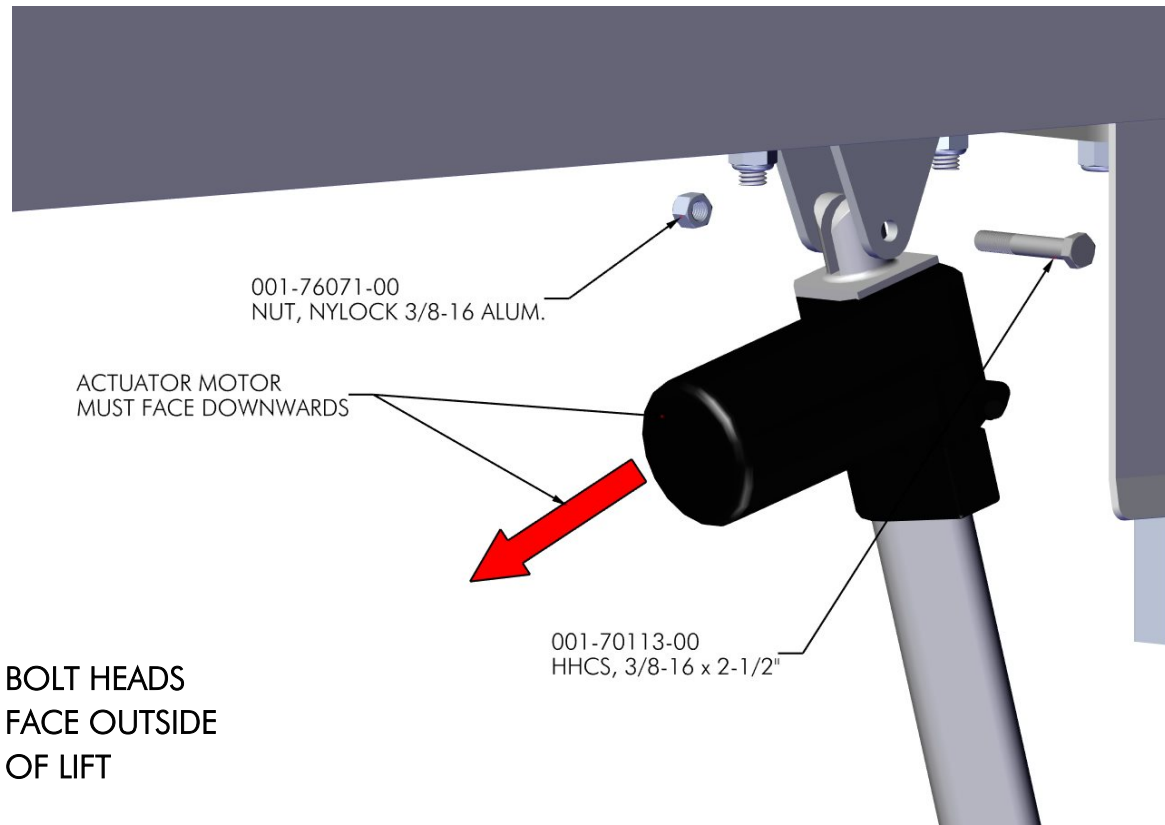


FIG. 1

STEP 10

-ATTACH CONTROL BOX

PLACE 1/2-13 X 1-1/4" CUSTOM BOLT INTO NUT TRACK ON SHORE SIDE OF PIVOTING POST AT NEAREST AVAILABLE LOCATION (FIG. 1).

PLACE CONTROL BOX BRACKET ON CUSTOM BOLT, AND PLACE NUT ON BOLT. TORQUE TO 60 FT-LBS (FIG. 2). NOTE THAT THE BOX HANGS INSIDE THE LIFT.

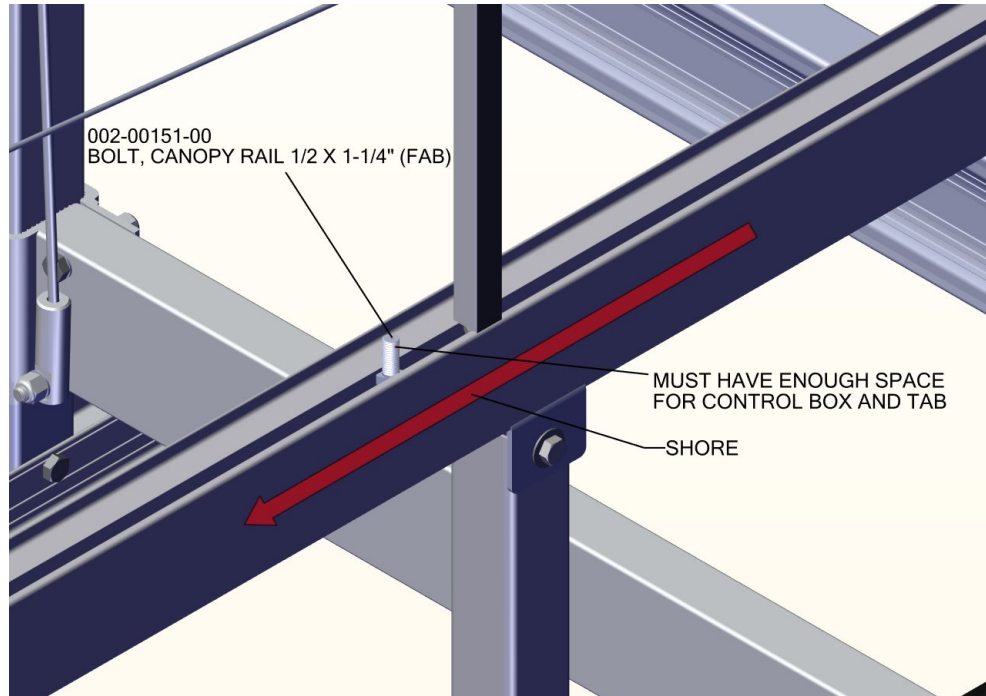


FIG. 1

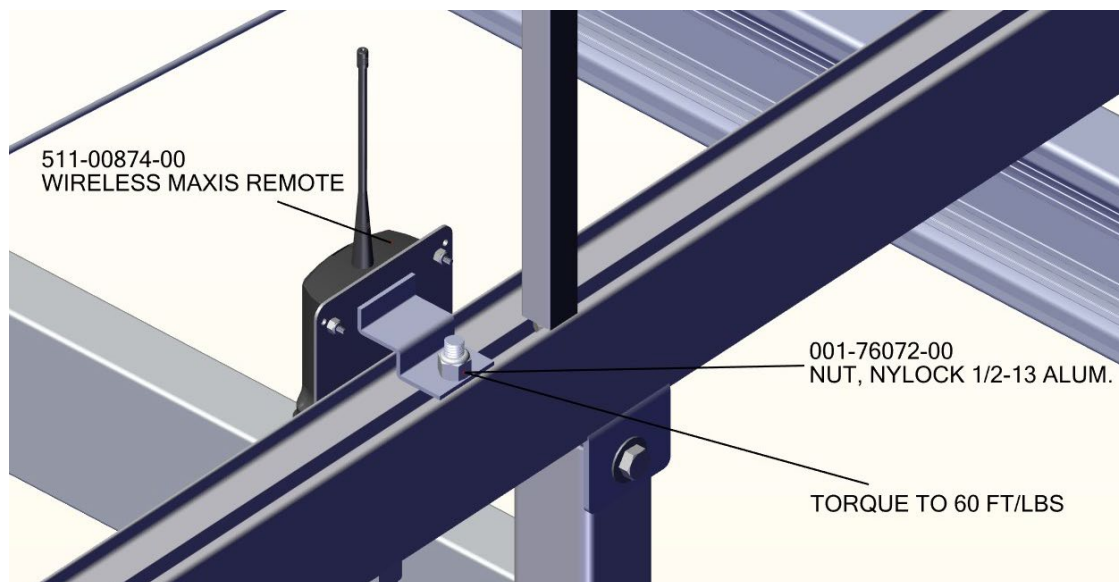


FIG. 2

INSTALLATION

WIRING

STEP 1

-ACTUATOR WIRING

ARRANGE WIRE SUCH THAT EACH ACTUATOR HAS MALE AND FEMALE CONNECTORS (FIG.1).

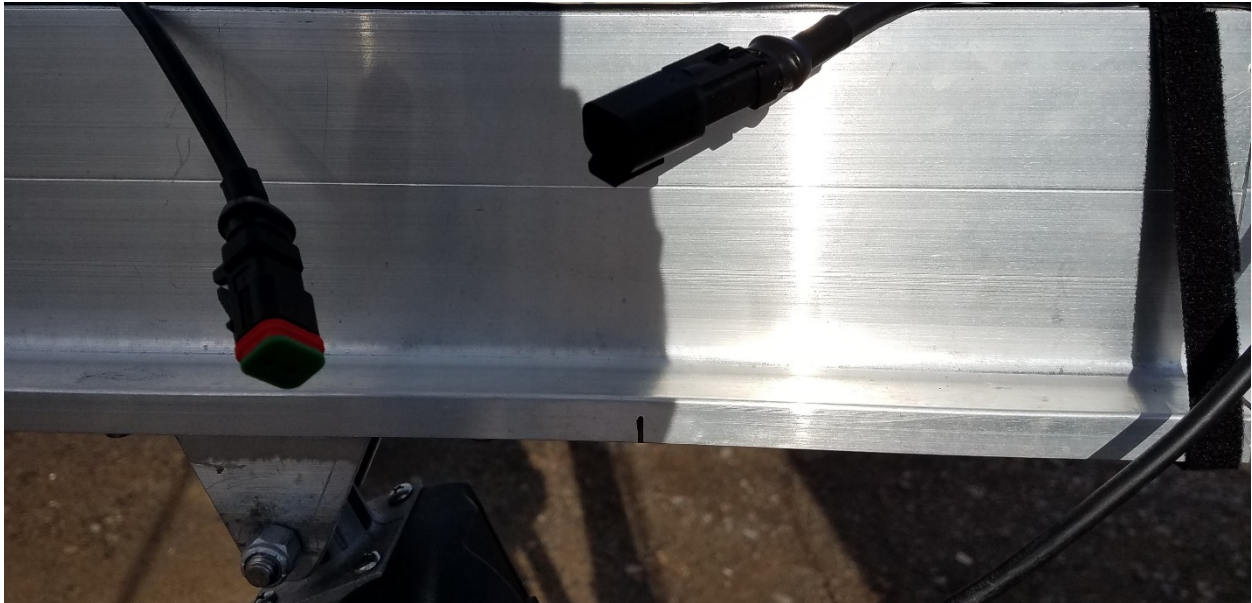


FIG. 1

STEP 2

-ATTACHING WIRING

ROUTE WIRING AS SHOWN TO PREVENT WIRING DAMAGE (FIG. 1).

NOTE THAT WIRING MUST GO OVER PIVOTING CANOPY CONNECTION.

FOR THE ACTUATOR ON THE SIDE OF THE LIFT, OPPOSITE OF THE ASC, USE THE 33 FOOT LONG CABLE WITH THE **GREY END** AND ROUTE THE WIRE FROM THE MAXIS CONTROL BOX, ALONG THE CANOPY MAIN RAIL, UP THE CANOPY HOOP NEAREST TO THE CONTROL BOX, AND ALONG THE OTHER CANOPY MAIN RAIL TO THE ACTUATOR (AS SHOWN BELOW).

FOR THE ACTUATOR NEAREST TO THE ASC, USE THE 13 FOOT LONG CABLE WITH THE **BLACK ENDS** AND ROUTE THE WIRES FROM THE MAXIS CONTROL BOX AND ALONG THE CANOPY MAIN RAIL TO THE ACTUATOR (AS SHOWN BELOW).

BATTERY WIRE MUST RUN ALONG BALL SCREW TO THE PIVOT BRACKET, UP THE CANOPY SUPPORT LEG, AND ALONG THE MAIN RAIL TO THE MAXIS CONTROL BOX. ALL ACTUATOR WIRES MUST GO OVER THE PIVOT BRACKET (FIG. 2-6).

ATTACH WIRE WITH VELCRO ALONG CANOPY HOOPS (FIG. 3-5).

EACH SIDE SHOULD HAVE ATTACH POINTS ON 4 HOOPS.

CANOPY HOOP CLOSEST TO CORNER POST WITH PIVOT SHOULD HAVE 12 ATTACH POINTS.

WRAP EXCESS CORD NEAR ACTUATOR AND ALLOW FOR 2 INCHES OF SLACK (FIG. 6).

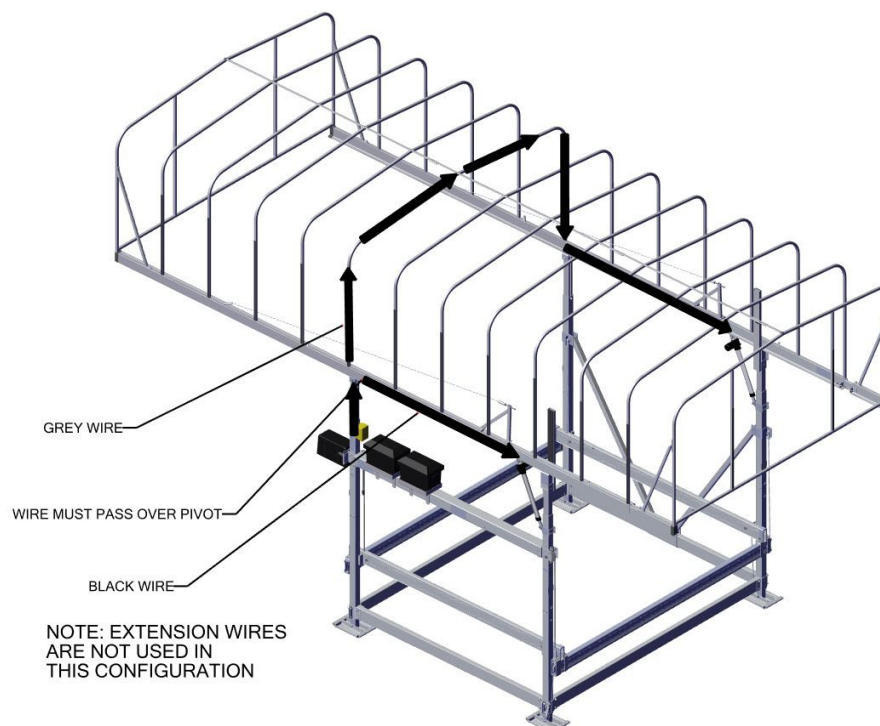


FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6



FIG. 7

STEP 3

-CONNECTING ACTUATORS

CONNECT EACH ACTUATOR WITH RESPECTIVE CONNECTORS. WIRING IS CONSTRUCTED SUCH THAT THERE IS ONLY ONE CORRECT CONFIGURATION.



STEP 4

-CONNECT BATTERY (12 VOLT CONNECTION ONLY)

CONNECT THE LEAD WITH THE 10-AMP CIRCUIT BREAKER TO THE POSITIVE TERMINAL OF ONE BATTERY. CONNECT THE OTHER LEAD TO THE NEGATIVE TERMINAL OF THE SAME BATTERY.



STEP 11

- ATTACH ACTUATORS TO CORNER POSTS

ALIGN ACTUATOR TO DIMENSION SHOWN IN FIGURE 1.

IMPORTANT: RUN ACTUATORS IN COMPLETELY BEFORE ATTACHING TO LOWER BRACKET (FIG. 1).

PLACE ACTUATORS INTO LOWER BRACKETS. ATTACH USING 3/8-16 x 2 1/2" BOLTS AND 3/8-16 NYLOCK NUTS. TIGHTEN NUTS UNTIL NYLOCK IS ENGAGED (FIG. 2).

SWING ACTUATOR AND BRACKET TO CORNER POST (FIG. 3).

ATTACH LOWER ACTUATOR BRACKET TO CORNER POST USING FASTENERS SHOWN IN FIG. 4. **DO NOT TIGHTEN.**

PLACE A SPACER BETWEEN THE CANOPY RAIL GUIDE AND CANOPY LEG TO ENSURE A 1/4" GAP (FIG. 5).

TORQUE LOWER NON PIVOTING BRACKET NUTS TO 20 FT-LBS (FIG. 6).

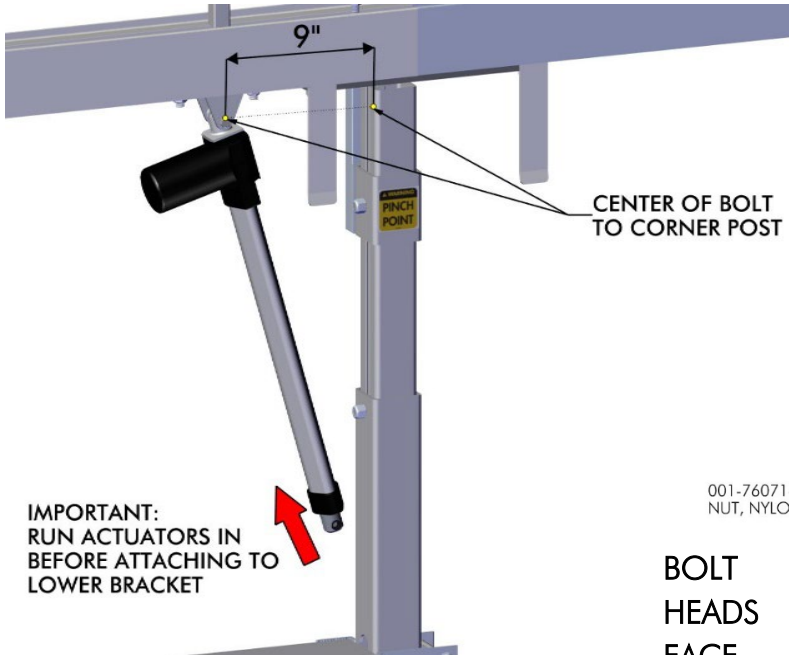


FIG. 1

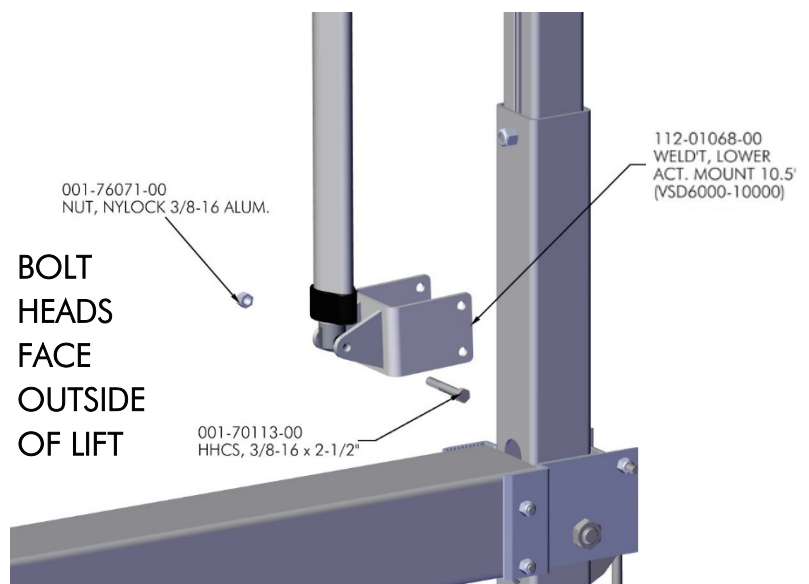


FIG. 2

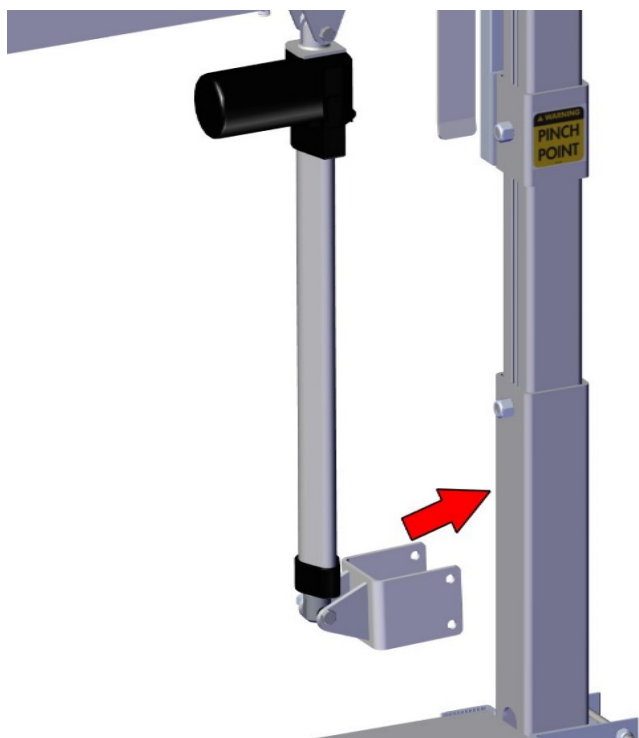


FIG. 3

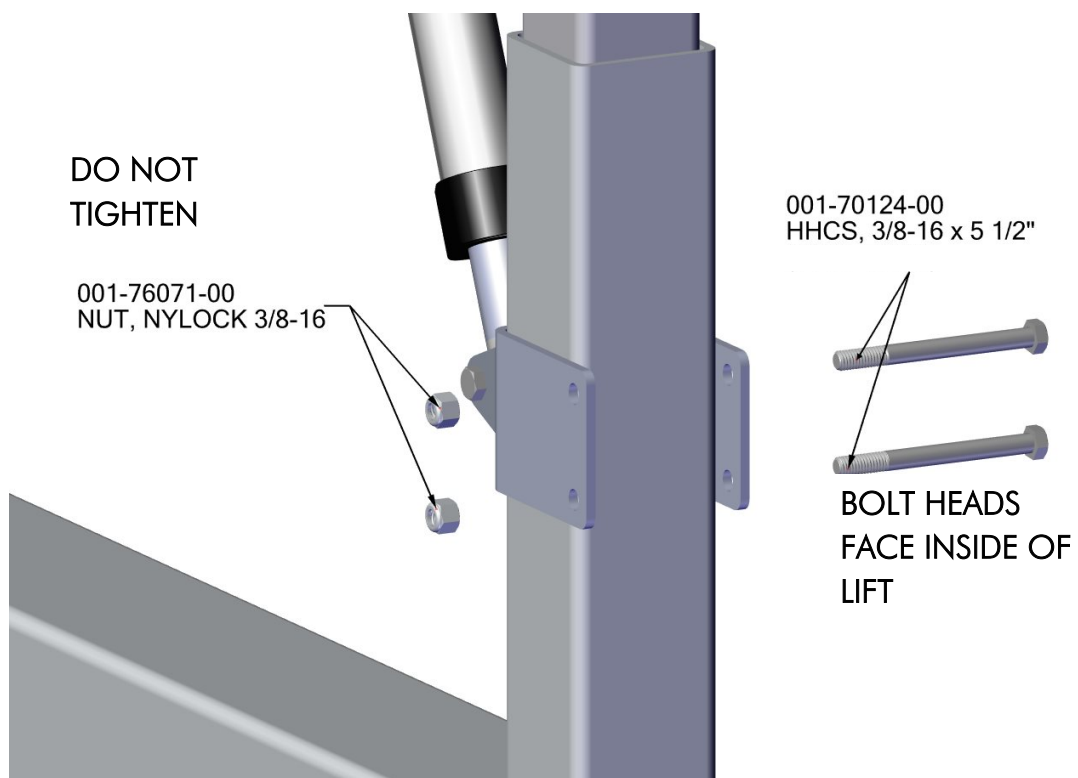


FIG. 4

PLACE $\frac{1}{2}$ " SPACER BETWEEN CANOPY RAIL GUIDE BRACKET AND CANOPY LEG TO ENSURE THAT A $\frac{1}{4}$ " GAP IS PRESENT.

WHEN USING THE SPACER, THIS GAP WILL RESULT WHEN THE ACTUATOR IS INSTALLED.

IMPROPER SETUP WILL RESULT IN DAMAGE TO TILTING AND LIFT COMPONENTS.

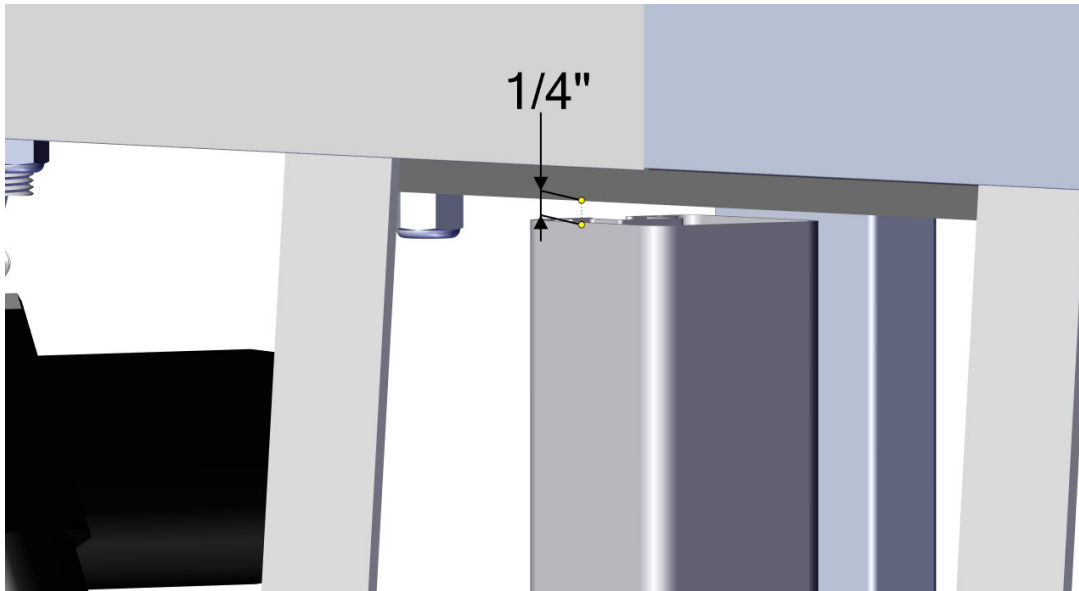
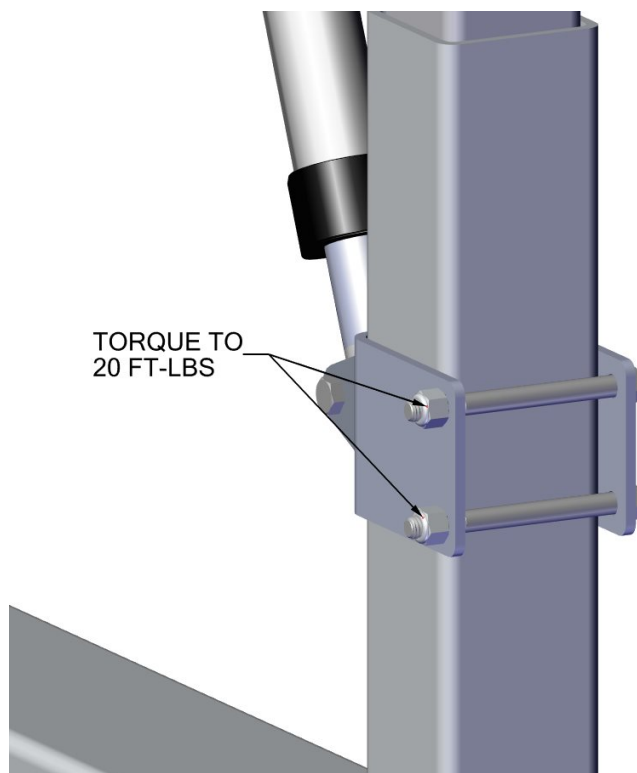
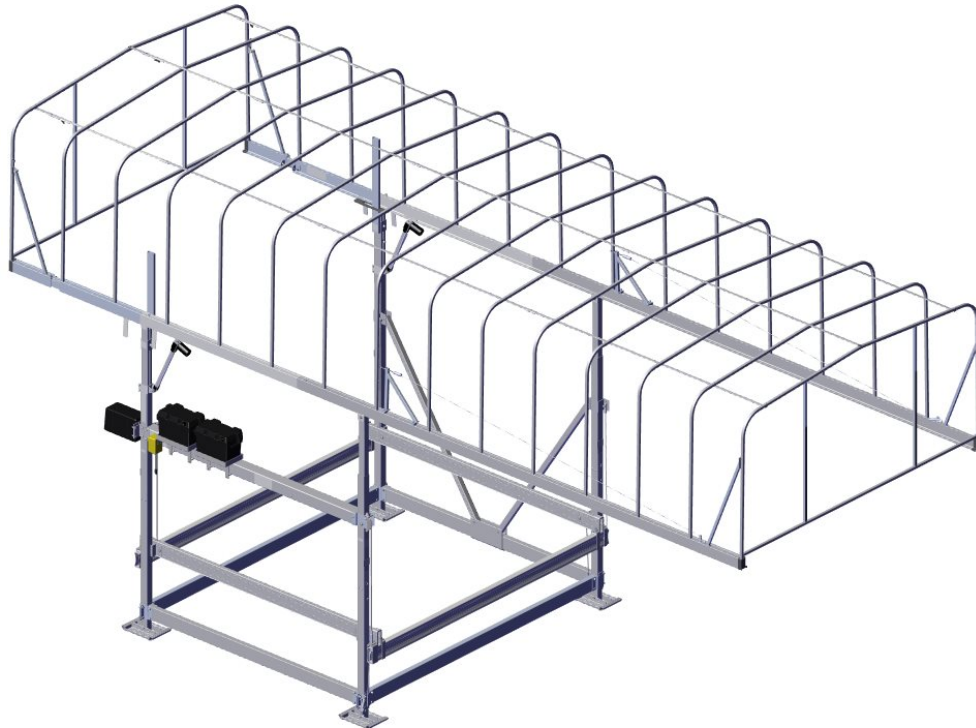


FIG. 5



ALTERNATE CONFIGURATION



NOTE:

IN THIS CONFIGURATION, ACTUATORS ARE PLACED ON THE MOTOR SIDE AND THE ASC IS MOVED TO THE BATTERY TRAY.

STEP 1

-UPPER BRACKET PLACEMENT (FIG.1)

GUIDE BRACKET ON CANOPY RAIL WILL BE POSITIONED OVER CORNER POSTS CLOSEST TO LIFT MOTOR AND BATTERIES.

HINGE BRACKET ON CANOPY RAIL WILL BE POSITIONED OVER OPPOSITE CORNER POSTS.



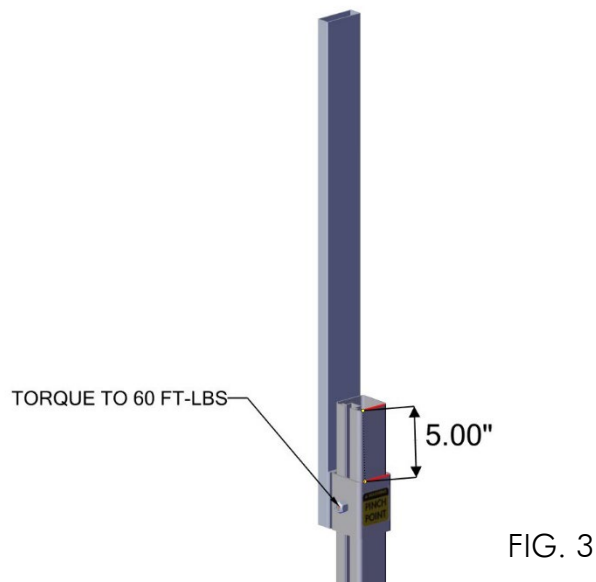
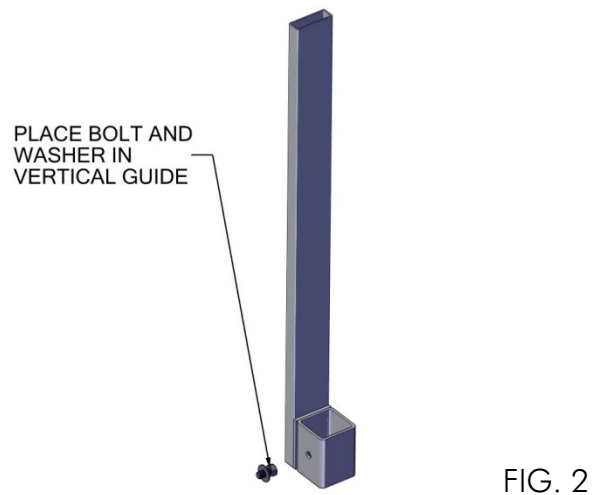
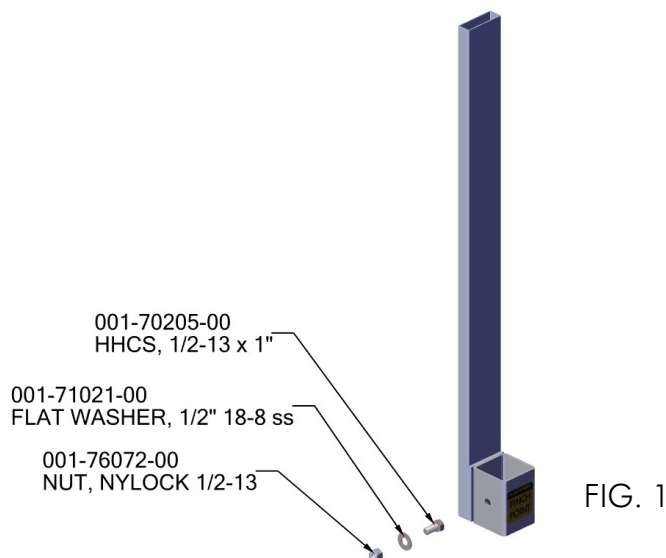
STEP 2

-ASSEMBLE CANOPY VERTICAL GUIDES (FIG. 1)

PLACE 1/2-13 x 1" BOLT AND WASHER IN VERTICAL GUIDE (FIG. 2)

SLIDE CANOPY VERTICAL GUIDES OVER CANOPY LEGS NEAREST TO MOTOR
PLACE NUT ON BOLT OVER GUIDE. POSITION THE VERTICAL GUIDE 5 INCHES FROM TOP OF CANOPY LEG (FIG.3) **TORQUE TO 60 FT-LBS.**

GUIDES MUST BE ASSEMBLED FACING TOWARD INSIDE OF LIFT (FIG. 4).
ASSEMBLE CONTAINMENT BRACKET AND SLIDE OVER VERTICAL GUIDE WITH FASTENERS IN PREPARATION TO BE ATTACHED TO CANOPY RAIL (FIG. 5 & 6). REFER TO STEP 6 IN STANDARD CONFIGURATION INSTRUCTIONS FOR FINAL PLACEMENT.



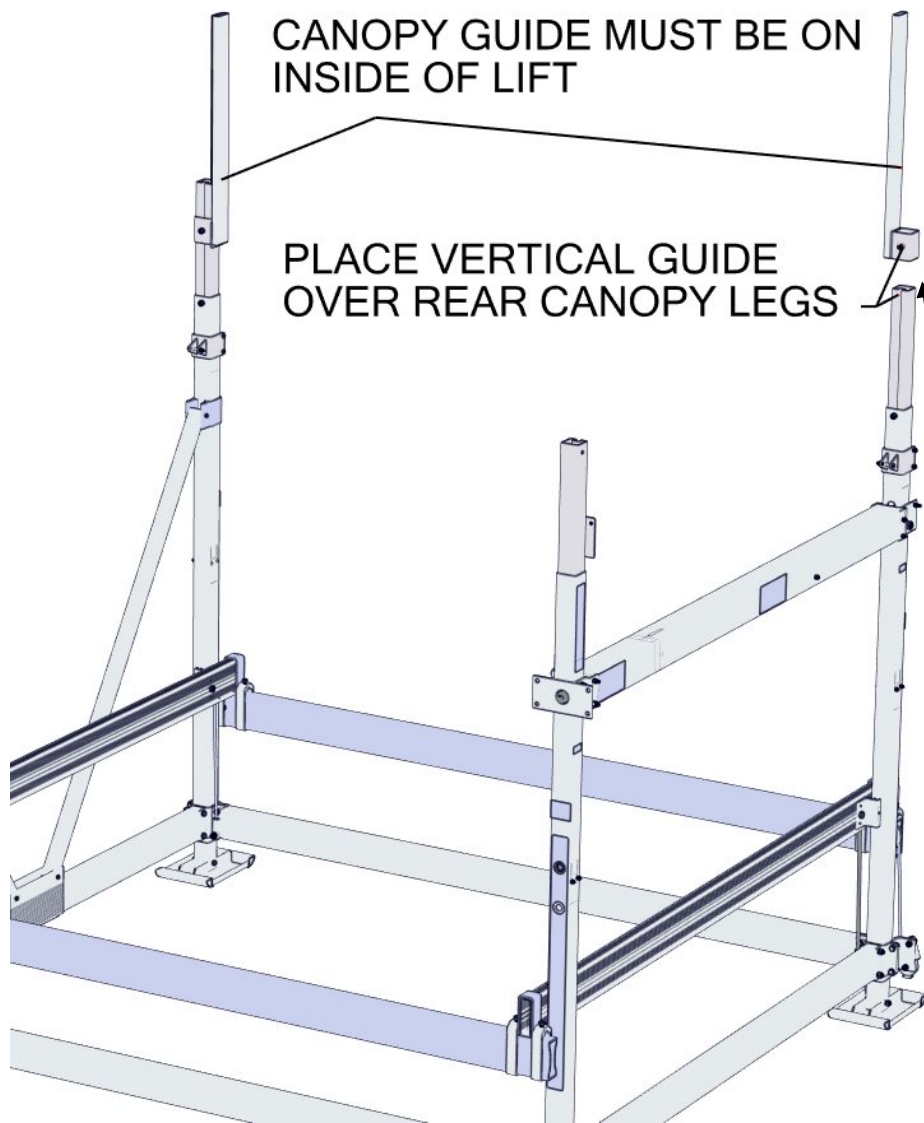
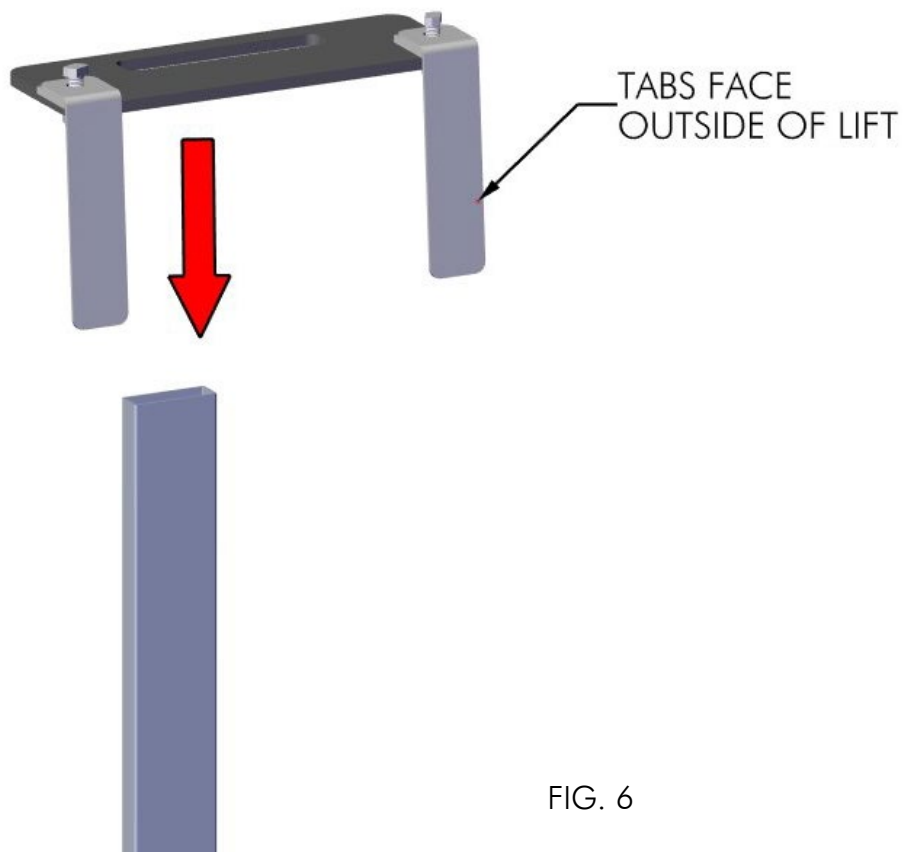
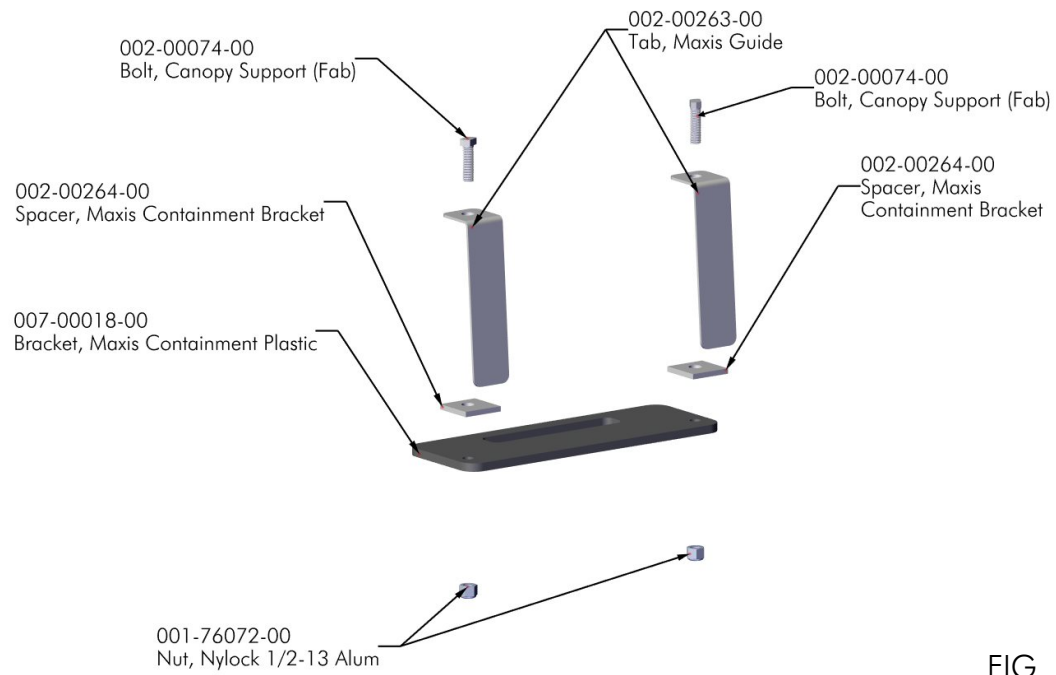


FIG. 4

TORQUE TO 60 FT-LBS

5.00"



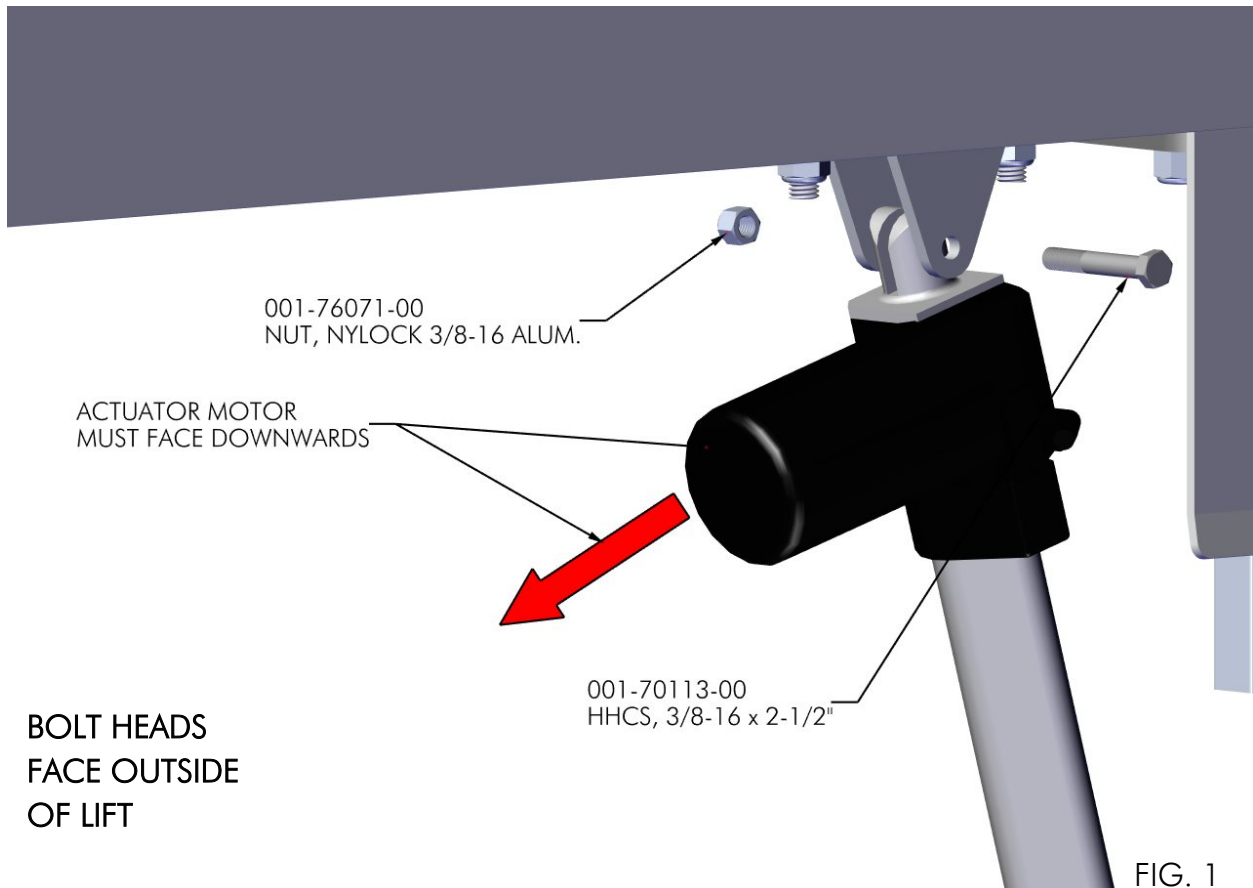


STEP 4

-ATTACH ACTUATORS

PLACE ACTUATORS INTO UPPER AND LOWER BRACKETS. ATTACH USING 3/8-16 x 2 1/2" BOLTS AND 3/8-16 NYLOCK NUTS (FIG.1 AND FIG. 2).

ACTUATOR MOTORS MUST FACE TOWARDS BOTTOM OF LIFT AS SHOWN BELOW.



STEP 5

-ALTERNATE ASC MOUNTING (FIG. 1)

PLACE ASC MOUNTING BRACKET ON BATTERY TRAY. TIGHTEN BOLT ON INSIDE OF TRAY (FIG. 2).

ATTACH ASC TO BRACKET WITH NUT AND BOLT (FIG. 3).

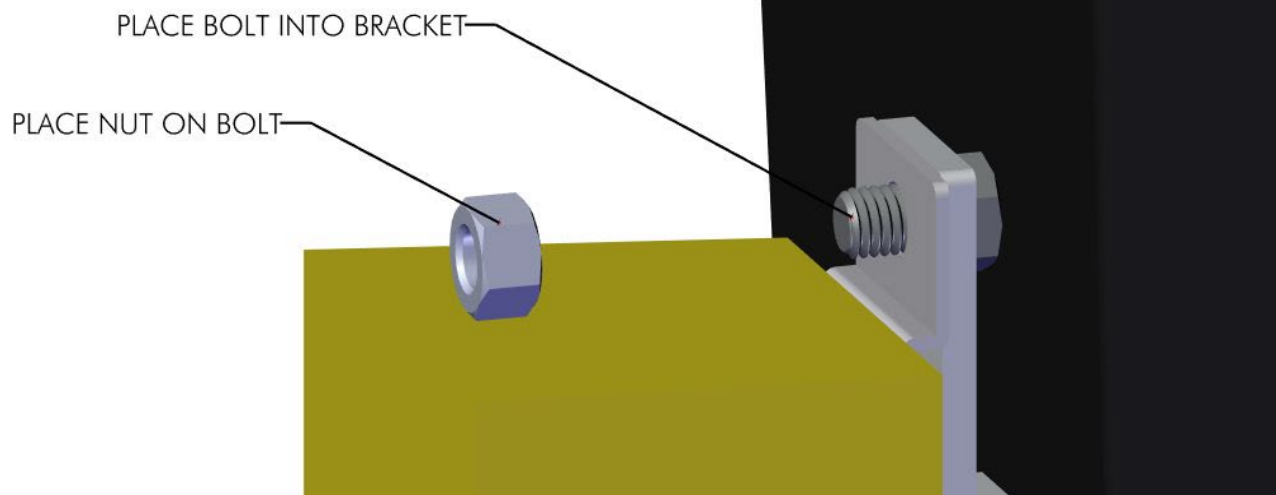
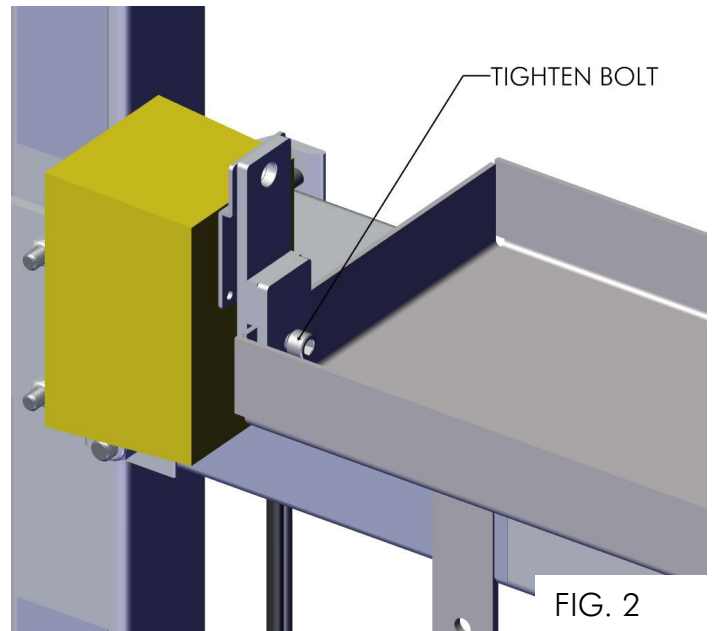
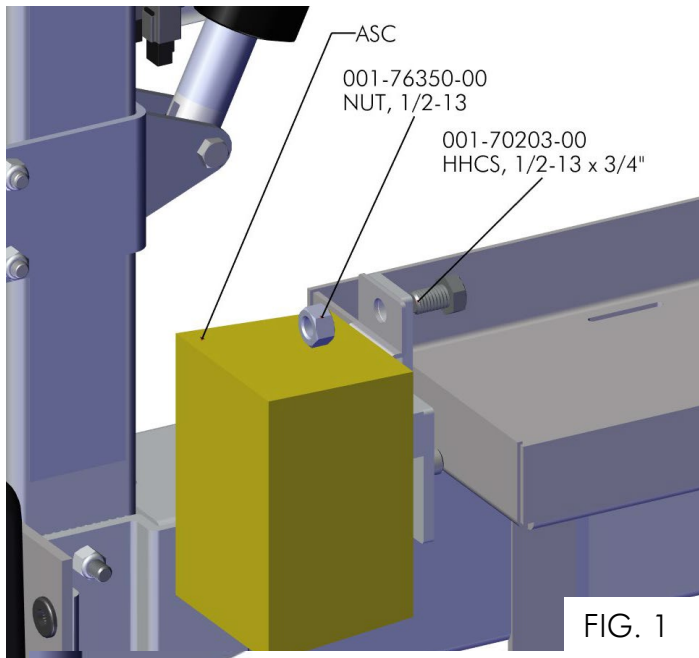


FIG. 3

STEP 6

-ATTACH CONTROL BOX

PLACE 1/2-13 X 1 1/4" CUSTOM BOLT INTO NUT TRACK ON SHORE SIDE OF PIVOTING POST AT NEAREST AVAILABLE LOCATION (FIG 1).

PLACE CONTROL BOX BRACKET ON CUSTOM BOLT, AND PLACE NUT ON BOLT. TORQUE TO 60 FT-LBS (FIG 2). NOTE THAT THE BOX HANGS INSIDE THE LIFT.

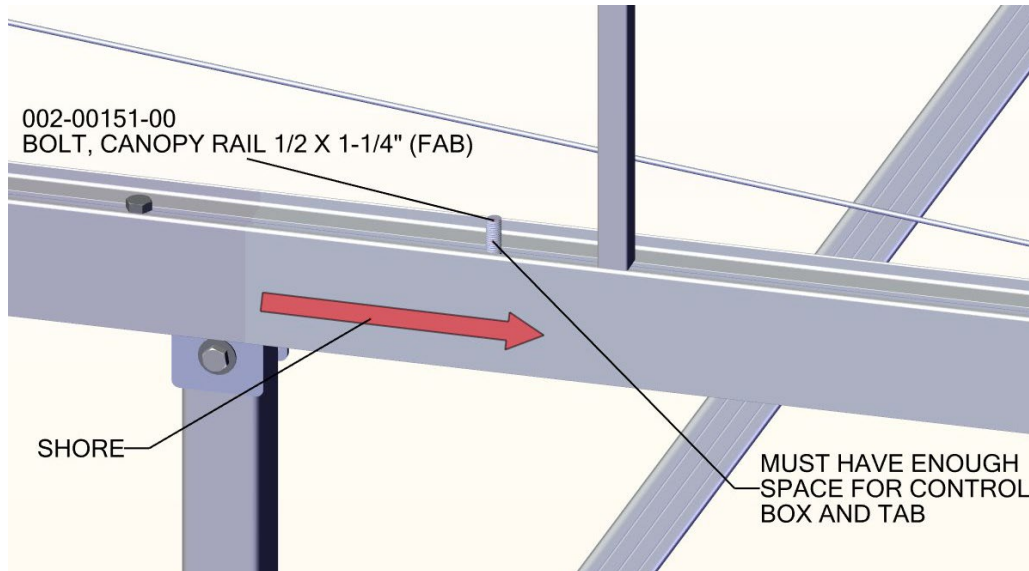


FIG. 1

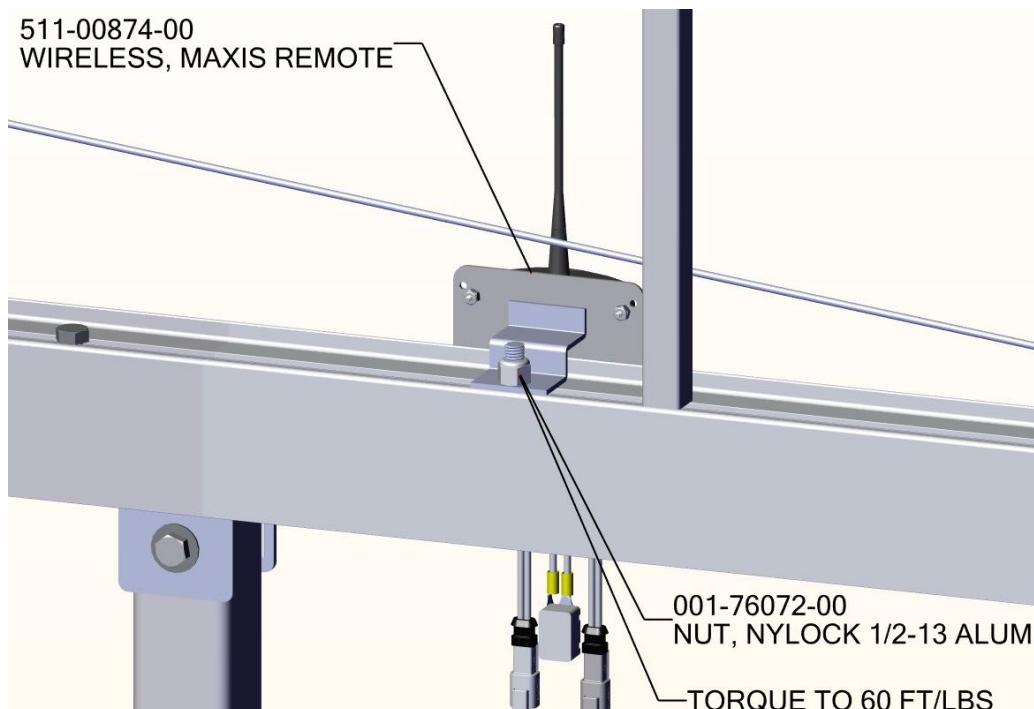


FIG. 2

INSTALLATION

ALTERNATE CONFIGURATION WIRING

VSD 3800- 5000 PONTOON AND VSD 6000-10000

STEP 1

-ACTUATOR WIRING

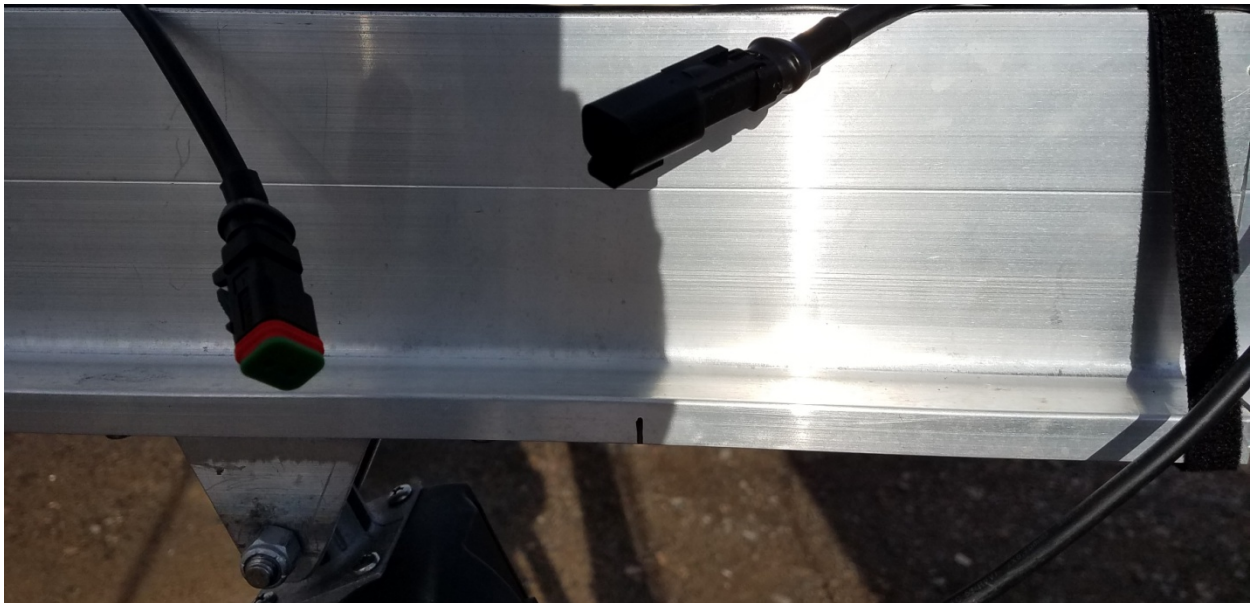


FIG. 1

STEP 2

-ATTACHING WIRING

ROUTE WIRING AS SHOWN TO PREVENT WIRING DAMAGE (FIG. 1).

NOTE THAT WIRING MUST GO OVER PIVOTING CANOPY CONNECTION.

FOR THE ACTUATOR ON THE SIDE OF THE LIFT, OPPOSITE OF THE ASC, USE THE 33 FOOT LONG CABLE WITH THE GREY END AND A 15 FOOT LONG EXTENSION WIRE (WIRE WITH YELLOW ZIP TIE) AND ROUTE THE WIRES FROM THE MAXIS CONTROL BOX, ALONG THE CANOPY MAIN RAIL, UP THE HOOP NEAREST TO THE CONTROL BOX, AND ALONG THE CANOPY MAIN RAIL TO THE ACTUATOR (AS SHOWN BELOW).

FOR THE ACTUATOR NEAREST TO THE ASC, USE THE 13 FOOT LONG CABLE WITH THE BLACK ENDS AND A 15 FOOT LONG EXTENSION WIRE (WIRE WITH YELLOW ZIP TIE) AND ROUTE THE WIRES FROM THE MAXIS CONTROL BOX, ALONG THE CANOPY MAIN RAIL, AND ALONG THE CANOPY MAIN RAIL TO THE ACTUATOR (AS SHOWN BELOW).

BATTERY WIRE MUST RUN ALONG BALL SCREW TO THE PIVOT BRACKET, UP THE CANOPY SUPPORT LEG, AND ALONG THE MAIN RAIL TO THE MAXIS CONTROL BOX. ALL ACTUATOR WIRES MUST GO OVER THE PIVOT BRACKET (FIG. 2-6).

ATTACH WIRE WITH VELCRO ALONG CANOPY HOOPS (FIG. 3-5).

EACH SIDE SHOULD HAVE ATTACH POINTS ON 4 HOOPS.

CANOPY HOOP CLOSEST TO CORNER POST WITH PIVOT SHOULD HAVE 12 ATTACH POINTS.

WRAP EXCESS CORD NEAR ACTUATOR AND ALLOW FOR 2 INCHES OF SLACK (FIG. 7).

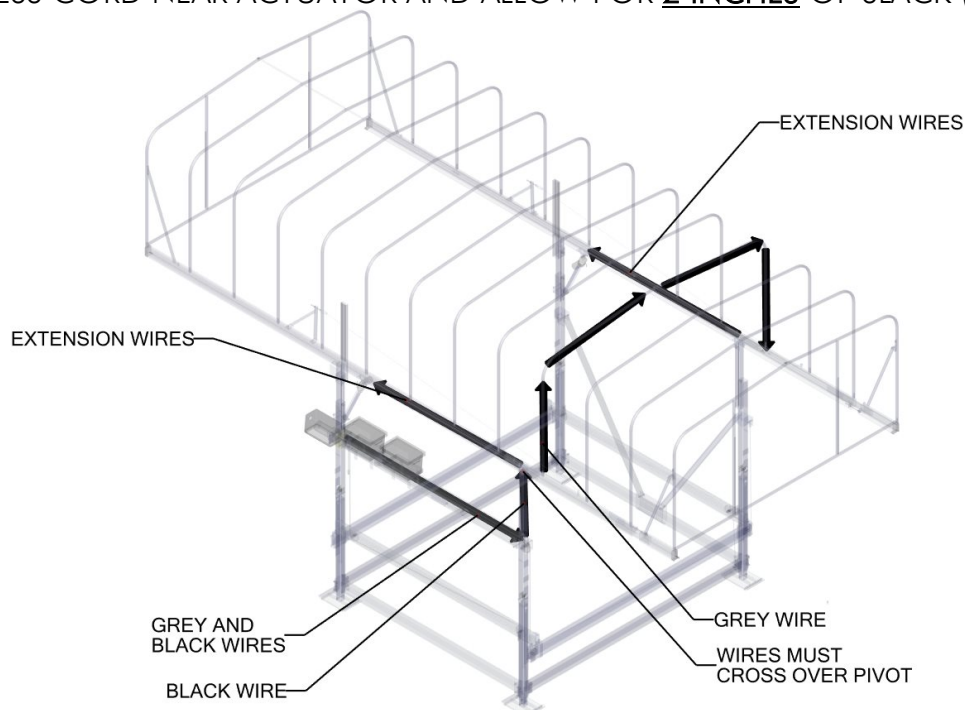


FIG. 1



FIG. 2



FIG. 3

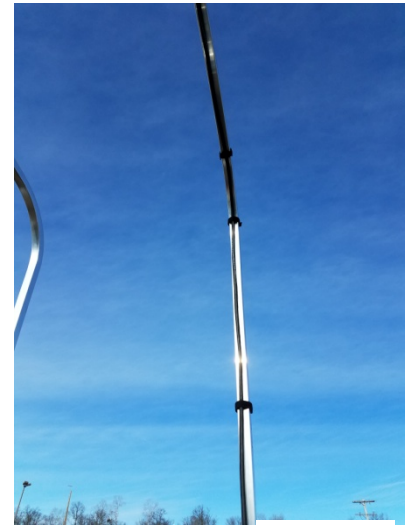


FIG. 4



FIG. 5



FIG. 6

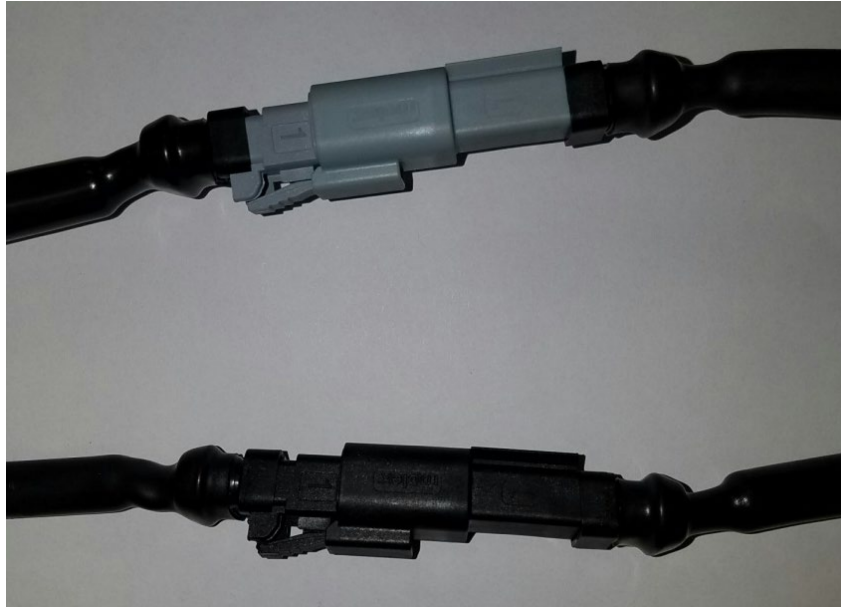


FIG. 7

STEP 3

-CONNECTING ACTUATORS

CONNECT EACH ACTUATOR WITH RESPECTIVE CONNECTORS. WIRING IS CONSTRUCTED SUCH THAT THERE IS ONLY ONE CORRECT CONFIGURATION.



STEP 4

-CONNECT BATTERY (12 VOLT CONNECTION ONLY)

CONNECT THE LEAD WITH THE 10-AMP CIRCUIT BREAKER TO THE POSITIVE TERMINAL OF ONE BATTERY. CONNECT THE OTHER LEAD TO THE NEGATIVE TERMINAL OF THE SAME BATTERY.



STEP 7

- ATTACH ACTUATORS TO CORNER POSTS

ALIGN ACTUATOR TO DIMENSION SHOWN IN FIGURE 1.

IMPORTANT: RUN ACTUATORS IN COMPLETELY BEFORE ATTACHING TO LOWER BRACKET (FIG. 1).

PLACE ACTUATORS INTO LOWER BRACKETS. ATTACH USING 3/8-16 x 2 1/2" BOLTS AND 3/8-16 NYLOCK NUTS. TIGHTEN NUTS UNTIL NYLOCK IS ENGAGED (FIG. 2).

SWING ACTUATOR AND BRACKET TO CORNER POST (FIG. 3).

ATTACH LOWER ACTUATOR BRACKET TO CORNER POST USING FASTENERS SHOWN IN FIG. 4. **DO NOT TIGHTEN.**

PLACE A SPACER BETWEEN THE CANOPY RAIL GUIDE AND CANOPY LEG TO ENSURE A 1/4" GAP (FIG. 5).

TORQUE LOWER NON PIVOTING BRACKET NUTS TO 20 FT-LBS (FIG. 6).

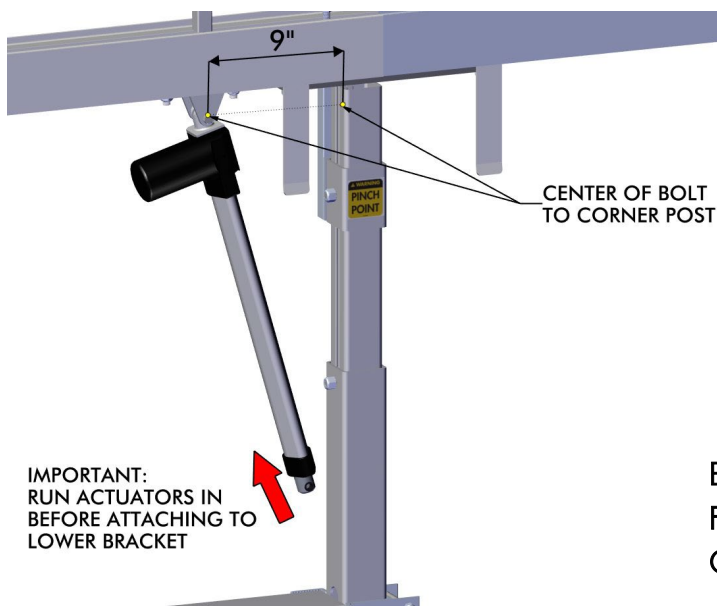


FIG. 1

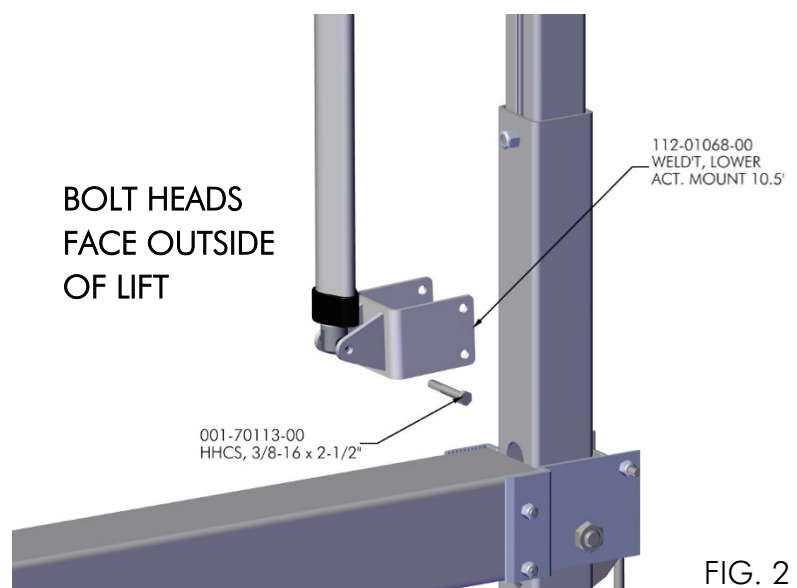


FIG. 2

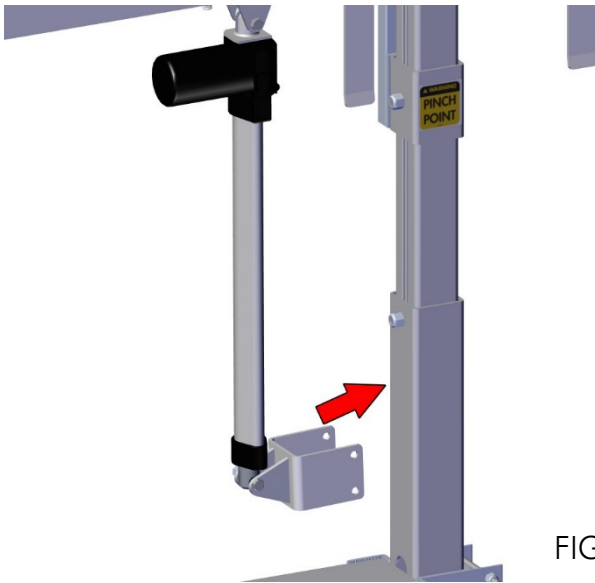


FIG. 3

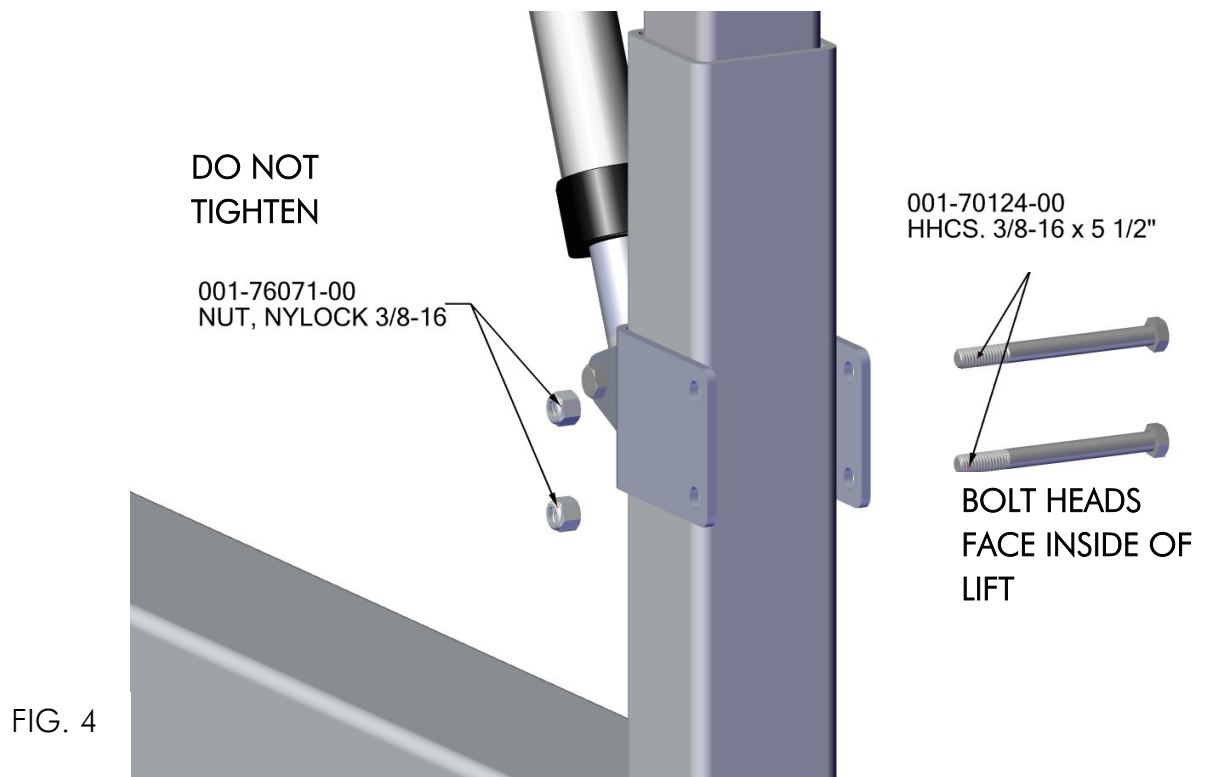


FIG. 4

PLACE $\frac{1}{2}$ " SPACER BETWEEN CANOPY RAIL GUIDE BRACKET AND CANOPY LEG TO ENSURE THAT A $\frac{1}{4}$ " GAP IS PRESENT.

WHEN USING THE SPACER, THIS GAP WILL RESULT WHEN THE ACTUATOR IS INSTALLED.

IMPROPER SETUP WILL RESULT IN DAMAGE TO TILTING AND LIFT COMPONENTS.

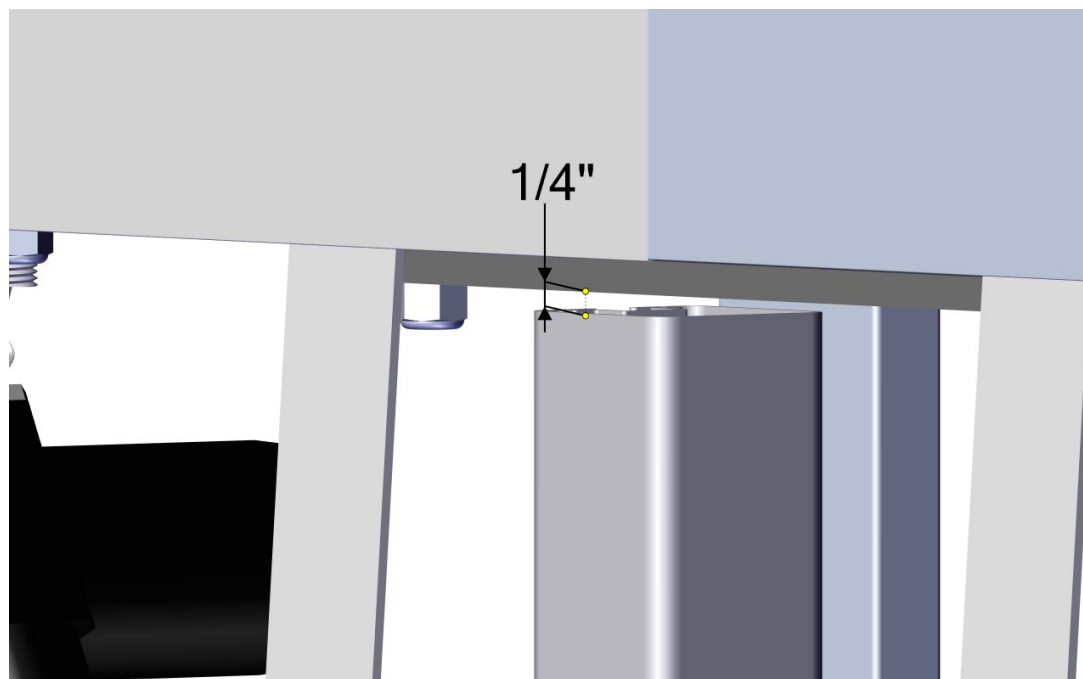


FIG. 5

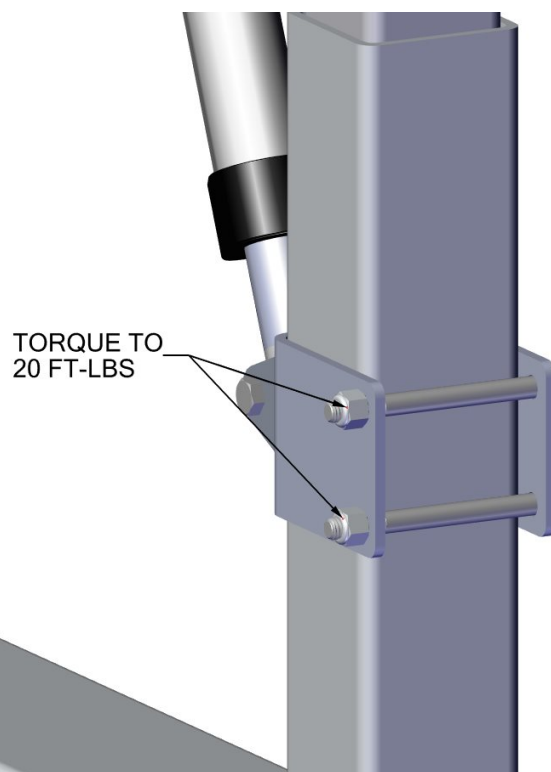


FIG. 6

NOTES

