



## ASSEMBLY INSTRUCTIONS

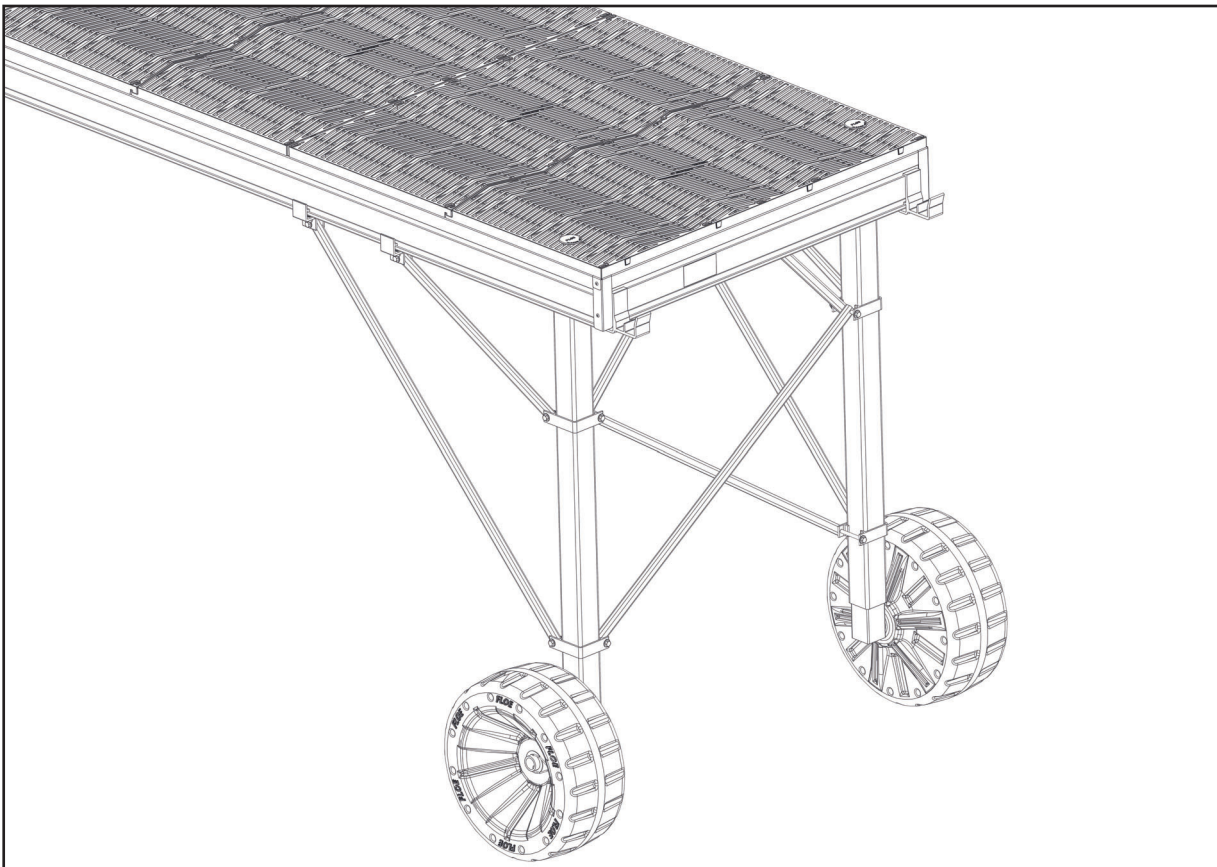
FLOE VERSATILE HEAVY DUTY DOCK  
ROLL-IN QUICK CONNECTS

MEDIUM/DEEP WHEEL KIT BRACE  
INSTALLATION

X-DEEP/XX-DEEP WHEEL KIT BRACE  
RELOCATION INSTALLATION

P/N 510-22000-00 PAIR

P/N 510-22001-00 SINGLE



For more information, go to the owner support tab on the FLOE website

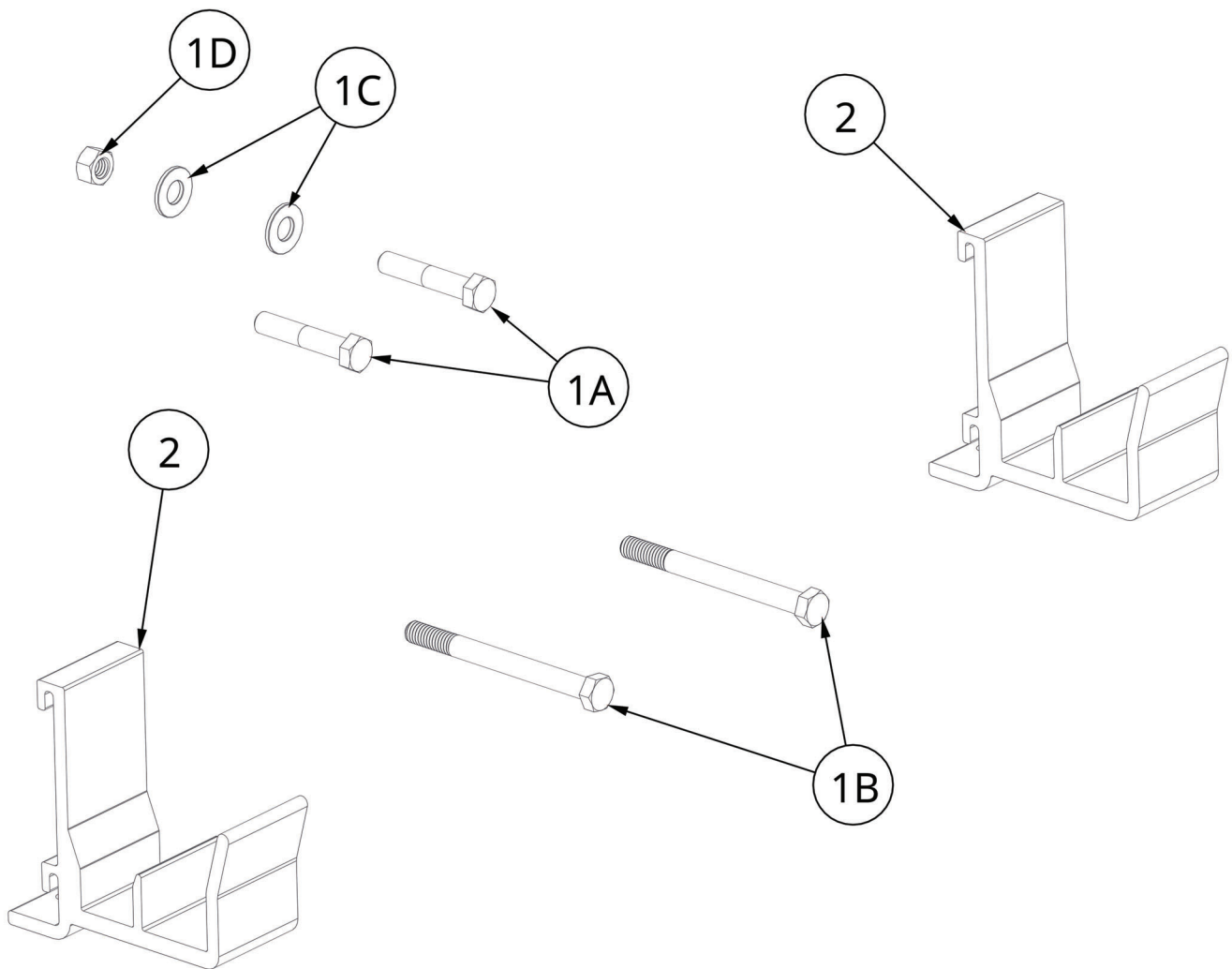
\*DOCK & WHEEL KITS NOT INCLUDED

### TOOLS REQUIRED

- 9/16" SOCKET/WRENCH
- TORQUE WRENCH
- QUICK ATTACH ROLL-IN X-SHALLOW, SHALLOW, MEDIUM, DEEP,  
OR X-DEEP/XX-DEEP WHEEL KIT INSTRUCTIONS (610-27100-00, 610-27200-00, 610-27300-00,  
610-27400-00, OR 610-27500-00), REFER TO FOR COMPLETE TOOL LIST

# BILL OF MATERIALS/EXPLODED VIEW

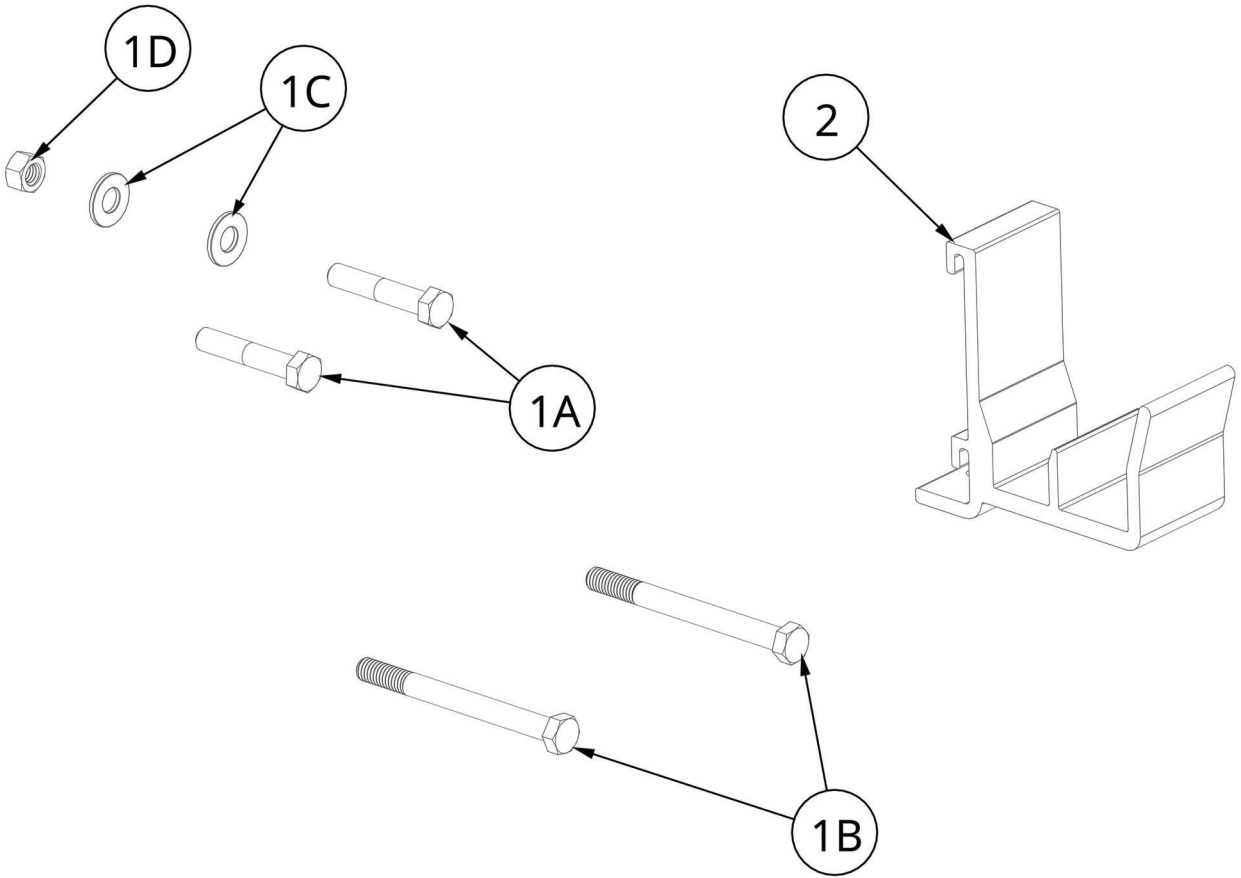
NUMBER	PART NUMBER	QTY	DESCRIPTION
	<b>510-22000-00</b>	<b>1</b>	<b>KIT, QA VHD ROLL-IN QUICK CONNECTS, PAIR</b>
1	001-22000-00	2	FAST., QA VHD ROLL-IN W/K BRACE
1A	001-70111-00	2	HHCS, 3/8-16 X 2" 18-8 SS
1B	001-70119-00	2	HHCS, 3/8-16 X 4" 18-8 SS
1C	001-71017-00	2	FLATWASHER, 3/8" SAE 18-8 SS
1D	001-76349-00	1	NUT, 3/8-16 ALUM.
2	002-22001-00	2	QUICK CONNECT, QA VHD - 2"



**NOTE:**  
**ALL REMAINING COMPONENTS**  
**WILL BE INCLUDED WITH YOUR**  
**WHEEL KIT**

# BILL OF MATERIALS/EXPLODED VIEW

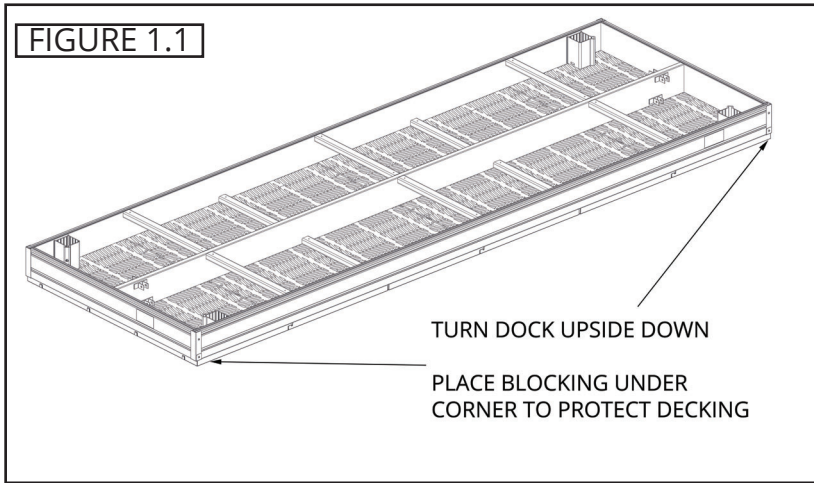
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1	001-22000-00	2	FAST., QA VHD ROLL-IN W/K BRACE
1A	001-70111-00	2	HHCS, 3/8-16 X 2" 18-8 SS
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1D	001-76349-00	1	NUT, 3/8-16 ALUM.
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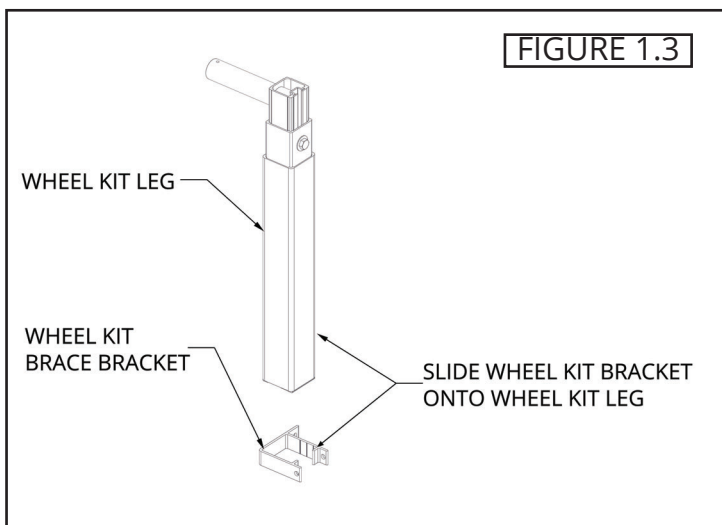
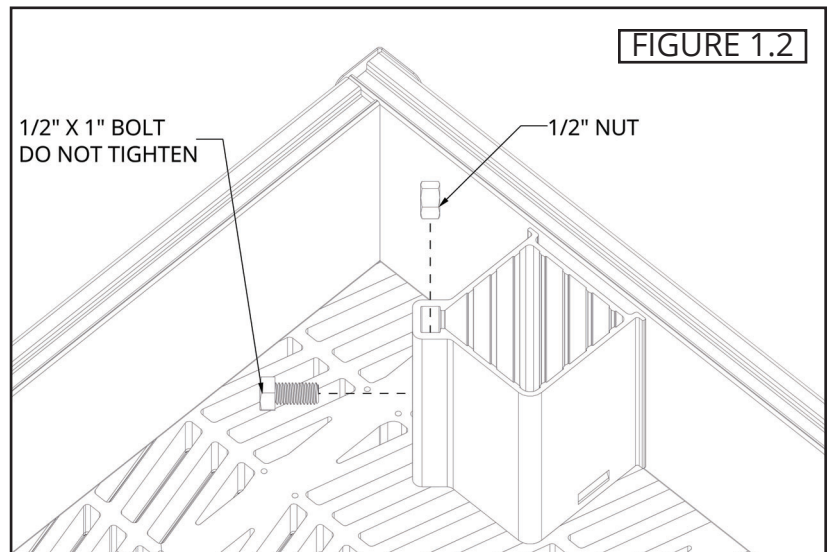
**NOTE:**  
**ALL REMAINING COMPONENTS**  
**WILL BE INCLUDED WITH YOUR**  
**WHEEL KIT**

# STEP 1 (MEDIUM WHEEL KIT SHOWN)

TURN DOCK UPSIDE DOWN AND BLOCK CORNERS (OR USE A SOFT SURFACE) TO PROTECT THE DECK SURFACE (FIGURE 1.1). INSTALL (1) 1/2" X 1" BOLT AND (1) 1/2" NUT INTO EACH POCKET (FIGURE 1.2). SLIDE THE WHEEL KIT BRACKETS ONTO THE WHEEL KIT LEGS (FIGURE 1.3).

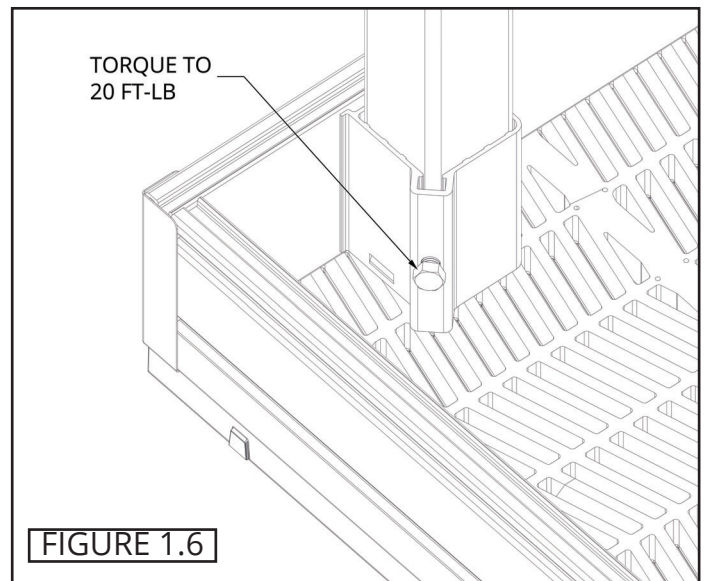
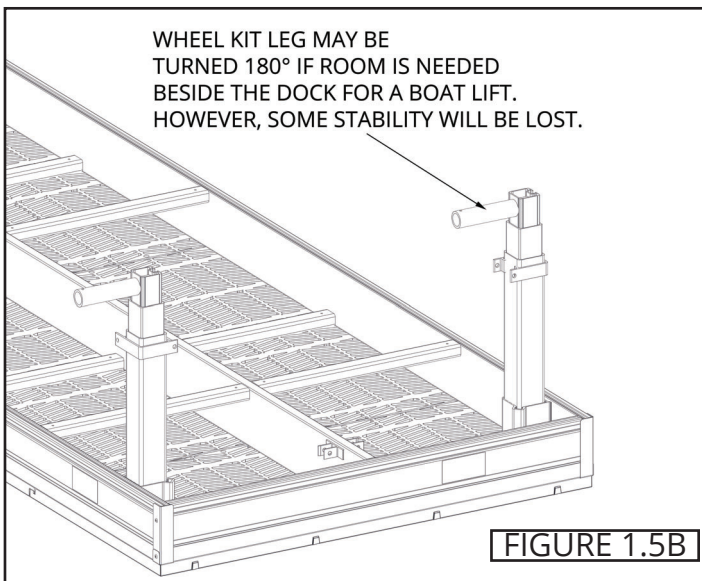
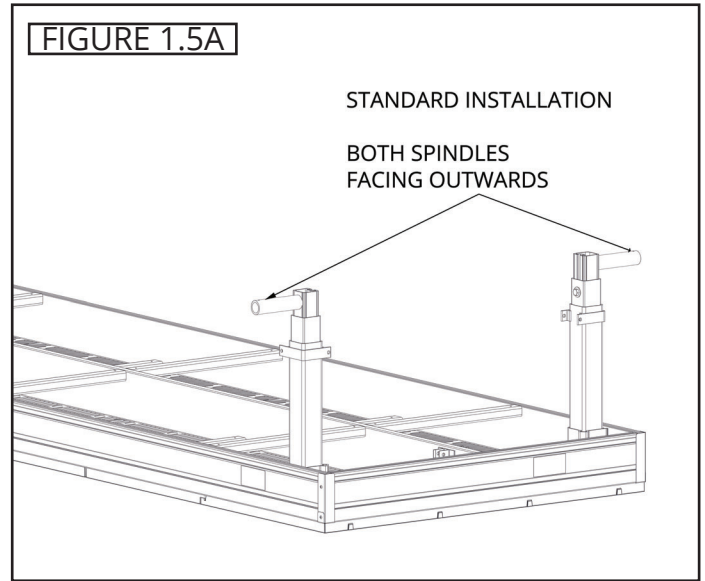
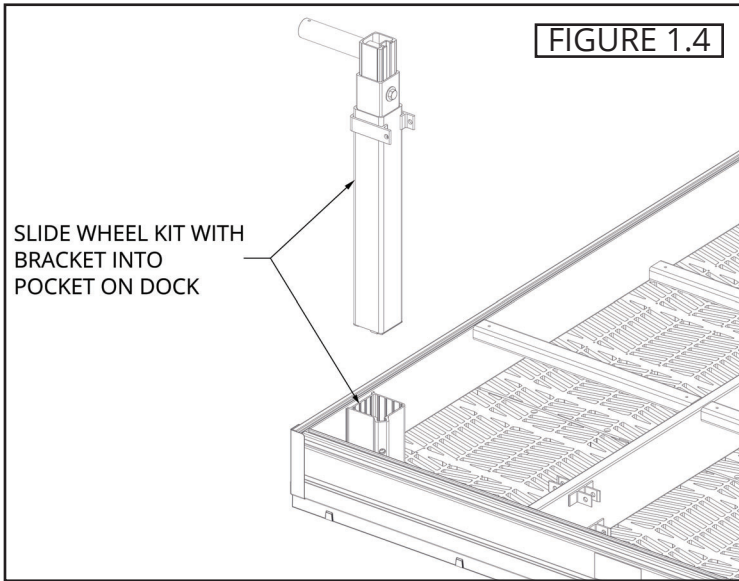


**NOTE:**  
REFER TO THE INSTRUCTIONS INCLUDED WITH YOUR WHEEL KIT FOR MORE INFORMATION



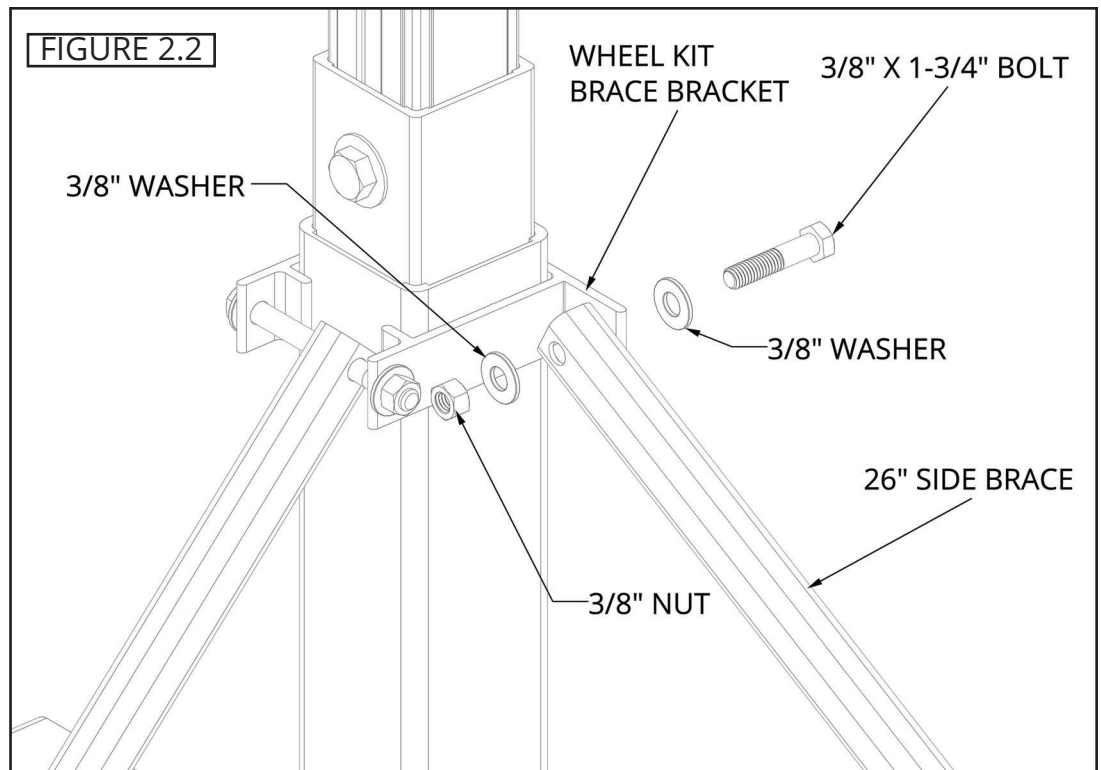
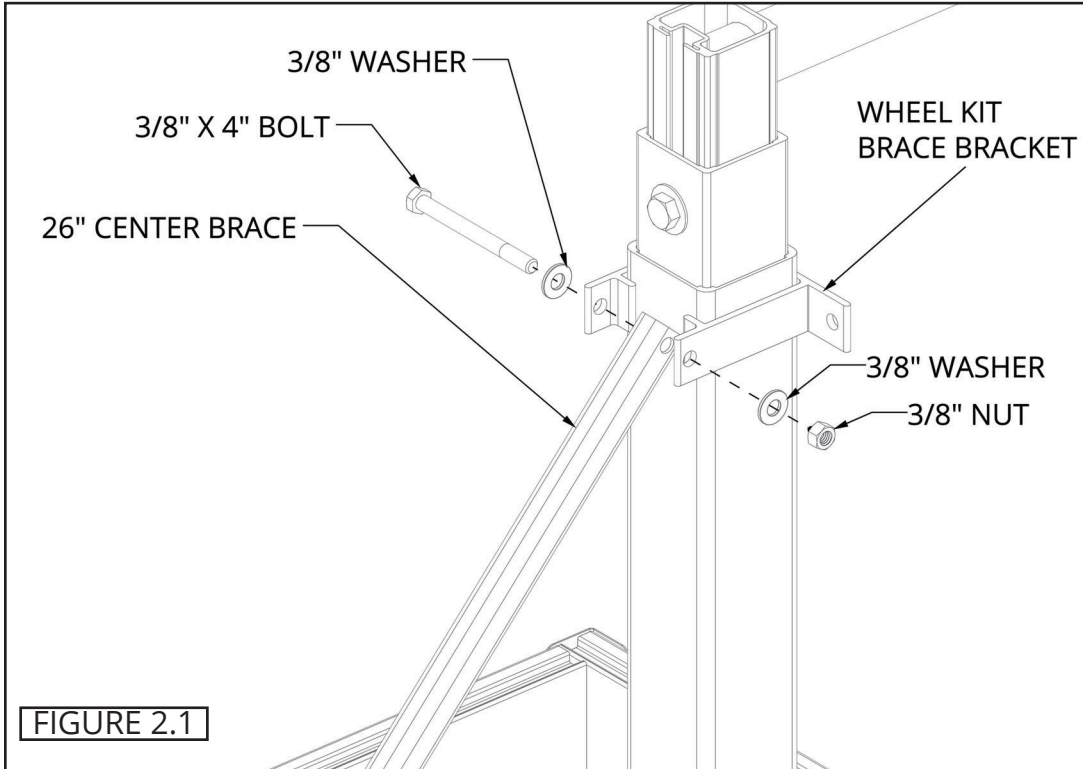
**NOTE:**  
WHEEL KITS WITHOUT BRACING WILL BE INSTALLED IN THE SAME MANNER

INSERT WHEEL KIT LEGS INTO THE POCKETS THAT ARE WELDED ON THE DOCK (FIGURE 1.4). UNDER NORMAL CONDITIONS, THE WHEEL KITS ARE MOUNTED AS SHOWN IN FIGURE 1.5A. IF NECESSARY, WHEEL KITS MAY BE TURNED 180° FOR BOAT LIFT CLEARANCE. HOWEVER, SOME STABILITY MAY BE LOST (FIGURE 1.5B). REFER TO DOCK OWNER'S MANUAL FOR SPECIAL CONDITIONS ON SETTING UP YOUR DOCK. TORQUE 1/2" BOLT TO 20 FT-LB (FIGURE 1.6).

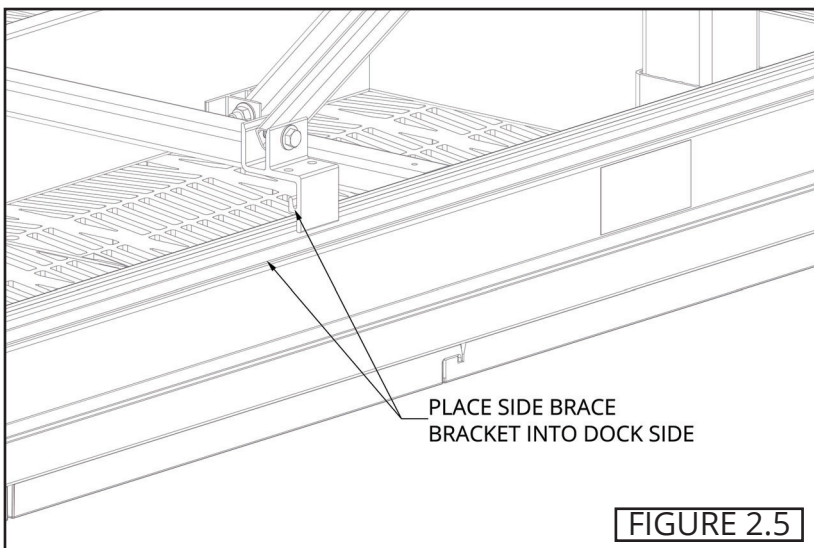
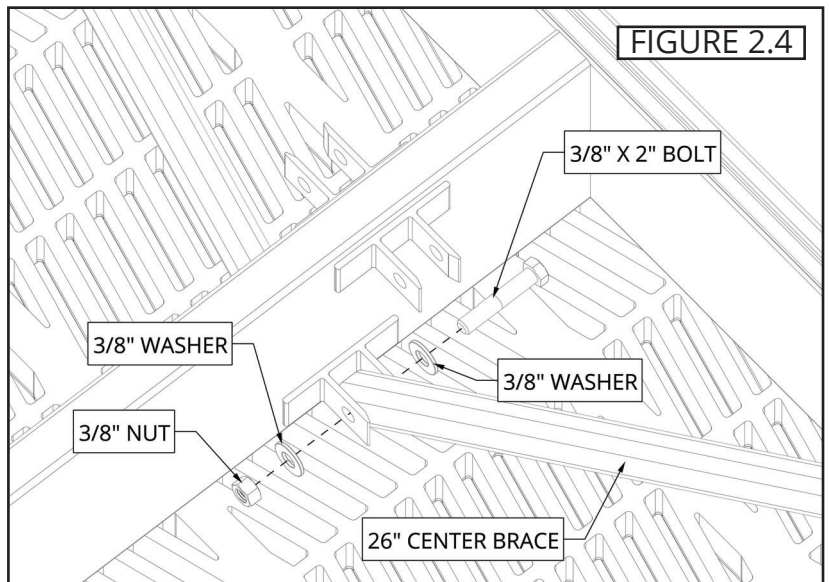
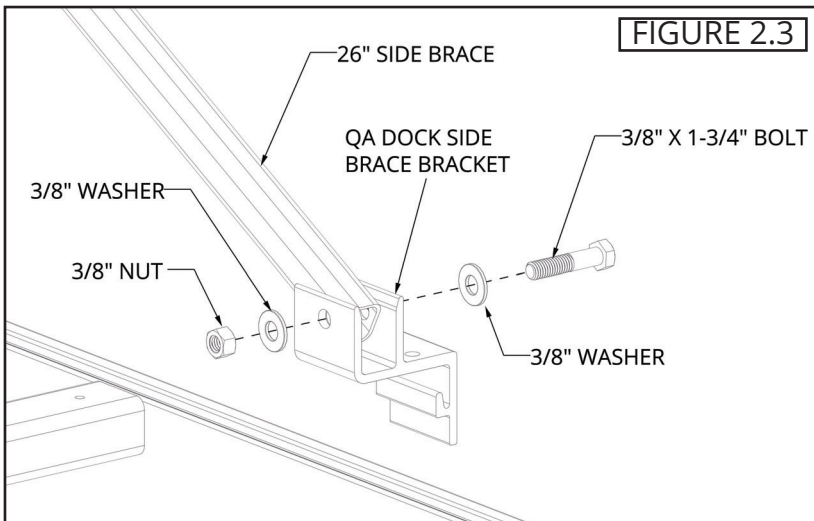


## STEP 2 (MEDIUM/DEEP WHEEL KITS)

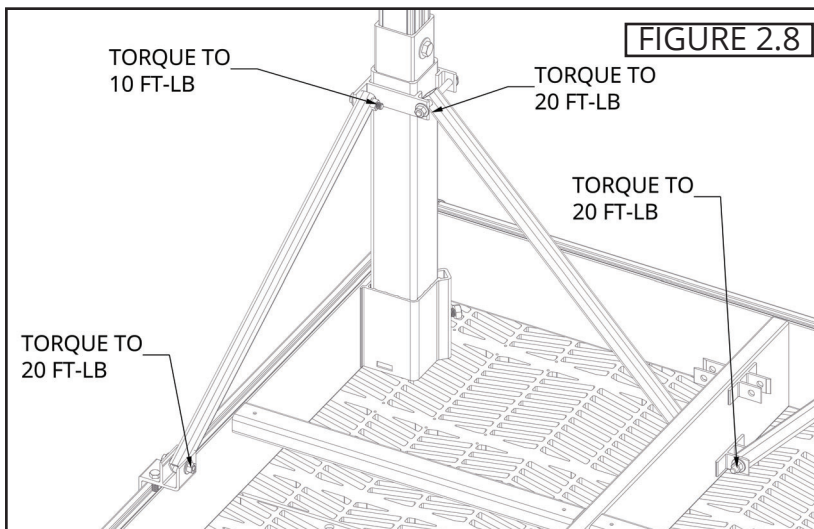
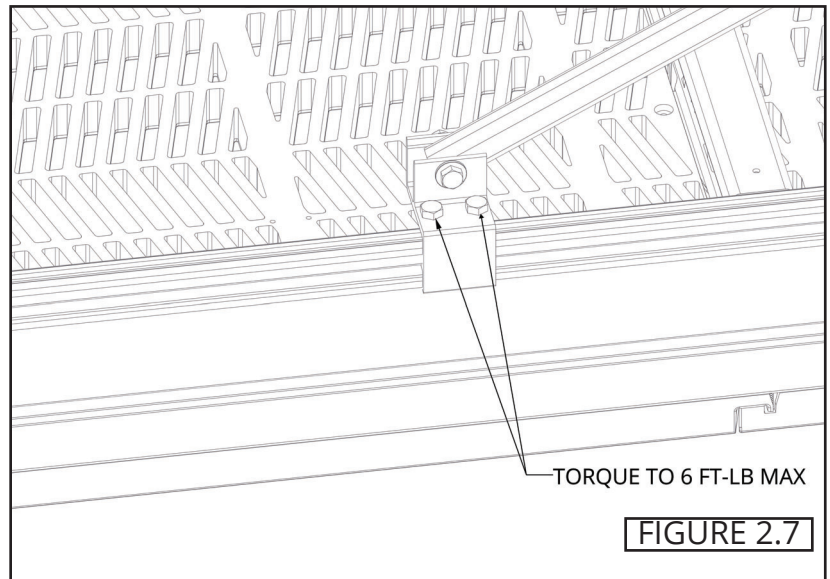
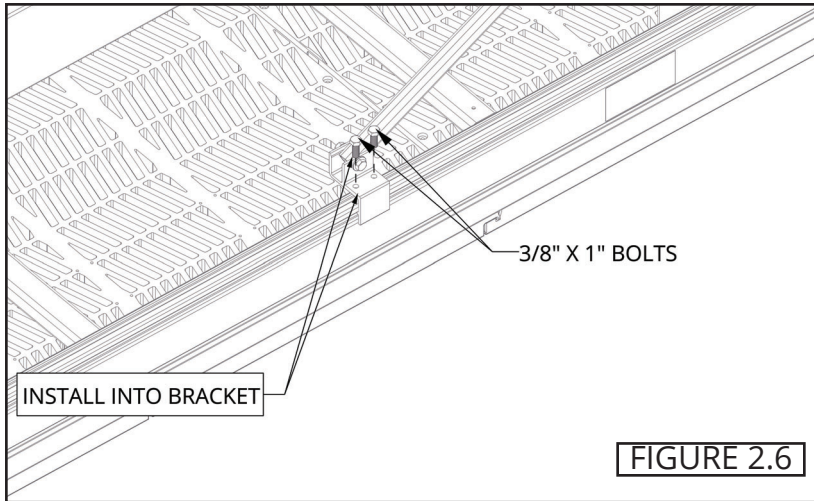
ATTACH THE 26" CENTER BRACES TO THE WHEEL KIT LEG BRACKET USING (1) 3/8" X 4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT PER SIDE (FIGURE 2.1). ATTACH THE 26" SIDE BRACES TO THE WHEEL KIT BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT PER SIDE (FIGURE 2.2).



ATTACH THE 26" SIDE BRACES TO THE SIDE BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT PER SIDE (FIGURE 2.3). CONNECT THE END(S) OF THE (2) CENTER BRACE(S) TO THE BRACKET ON THE DOCK USING (1) 3/8" X 2" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.4). THE ENDS OF THE TWO SIDE BRACES ARE ATTACHED TO THE DOCK BY PLACING THE SIDE BRACE BRACKETS INTO THE DOCK SIDE (FIGURE 2.5).

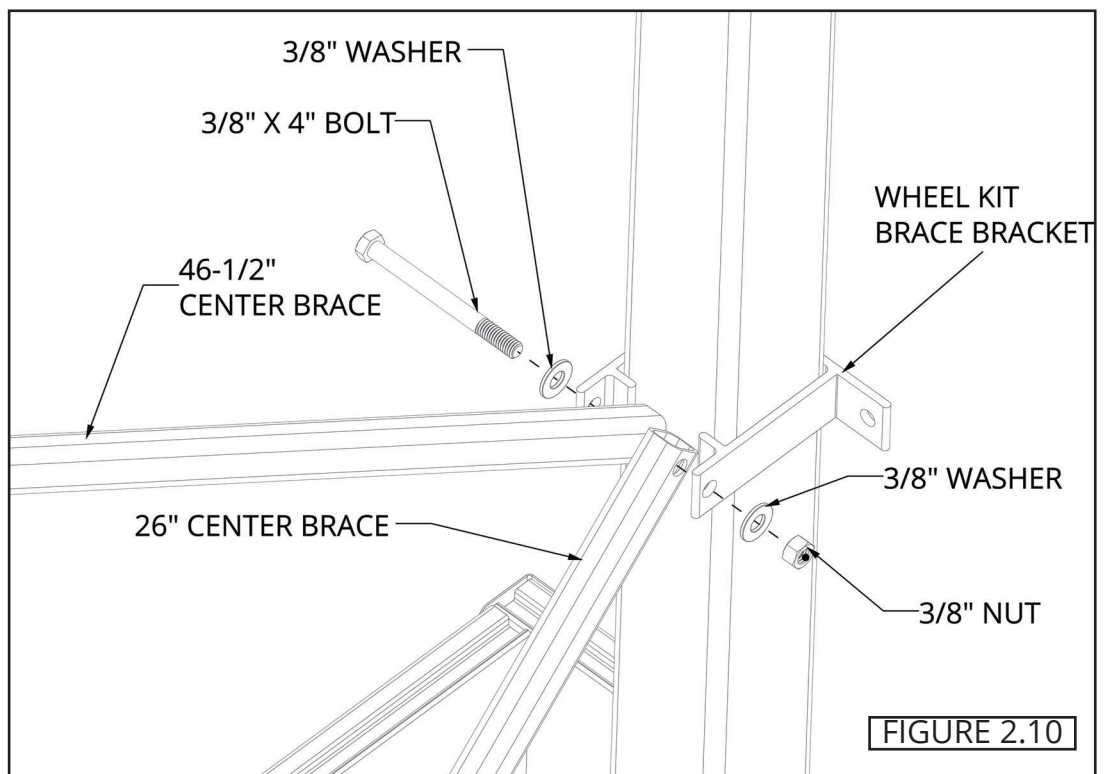
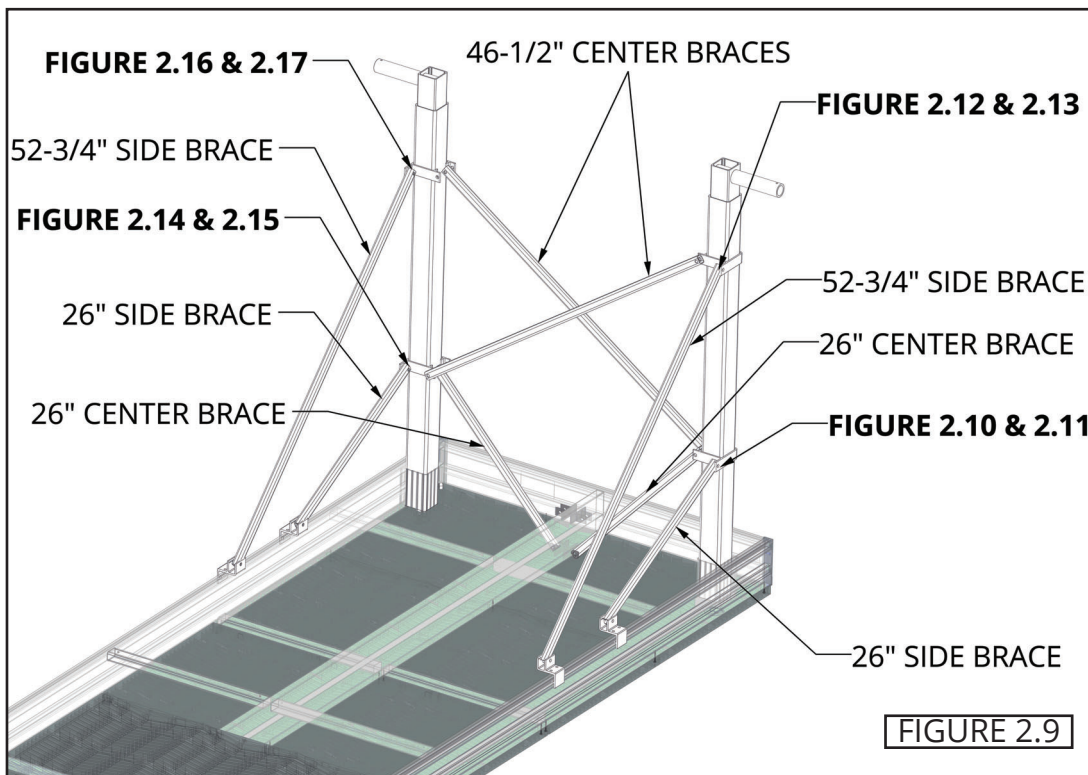


INSERT (2) 3/8" X 1" BOLTS INTO THE BOTTOM OF THE BRACKET (FIGURE 2.6). TORQUE TO 6 FT-LBS MAXIMUM (FIGURE 2.7). TORQUE ALL 3/8" NUTS INSTALLED IN THIS STEP TO THE TORQUE SPECIFICATIONS SHOWN. OVERTIGHTENING THE FASTENERS WILL CRUSH THE BRACES (FIGURE 2.8).

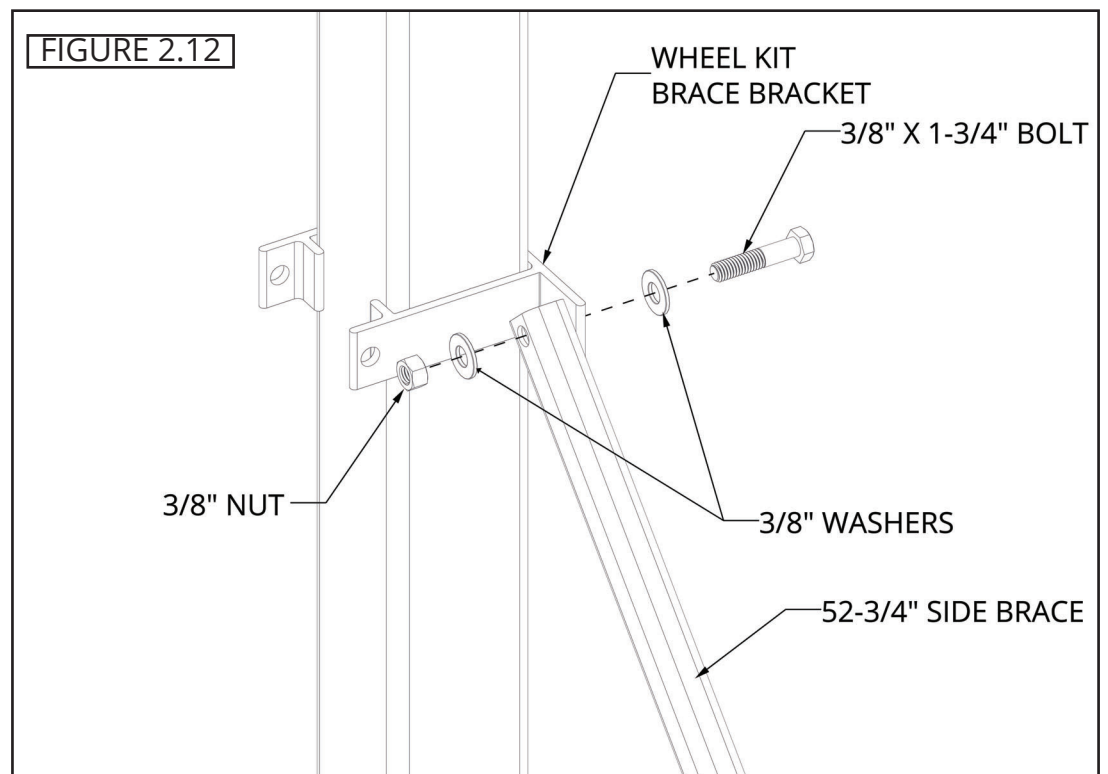
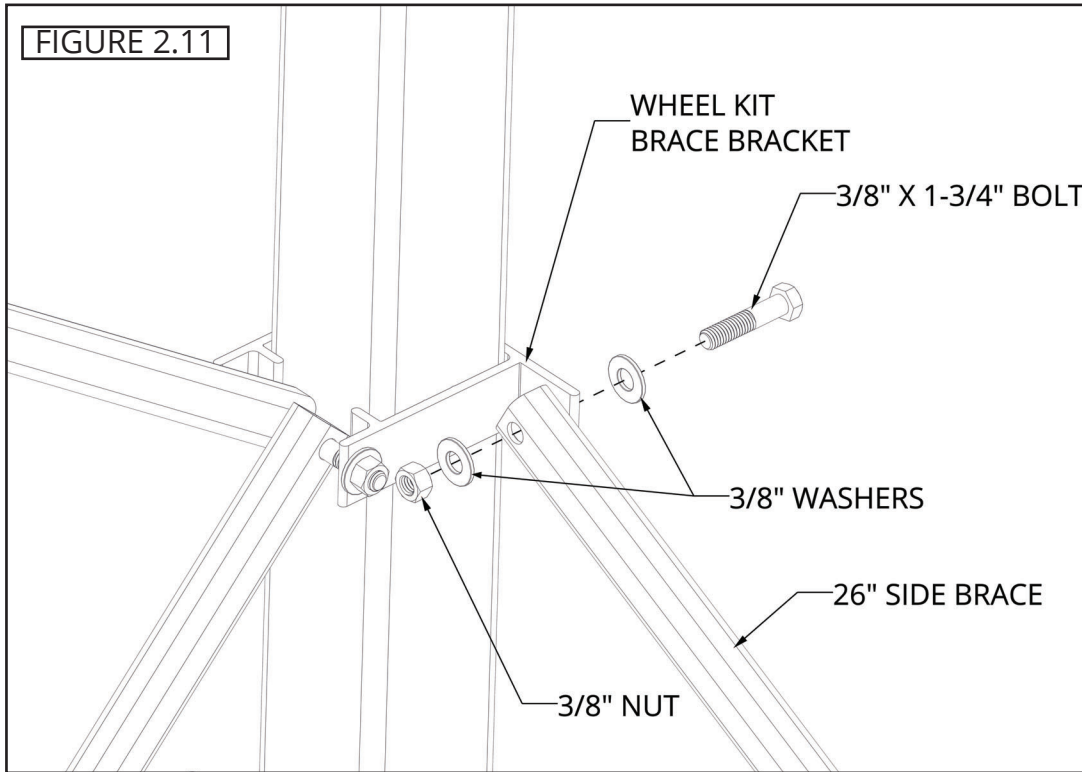


## STEP 2 (X-DEEP/XX-DEEP WHEEL KITS)

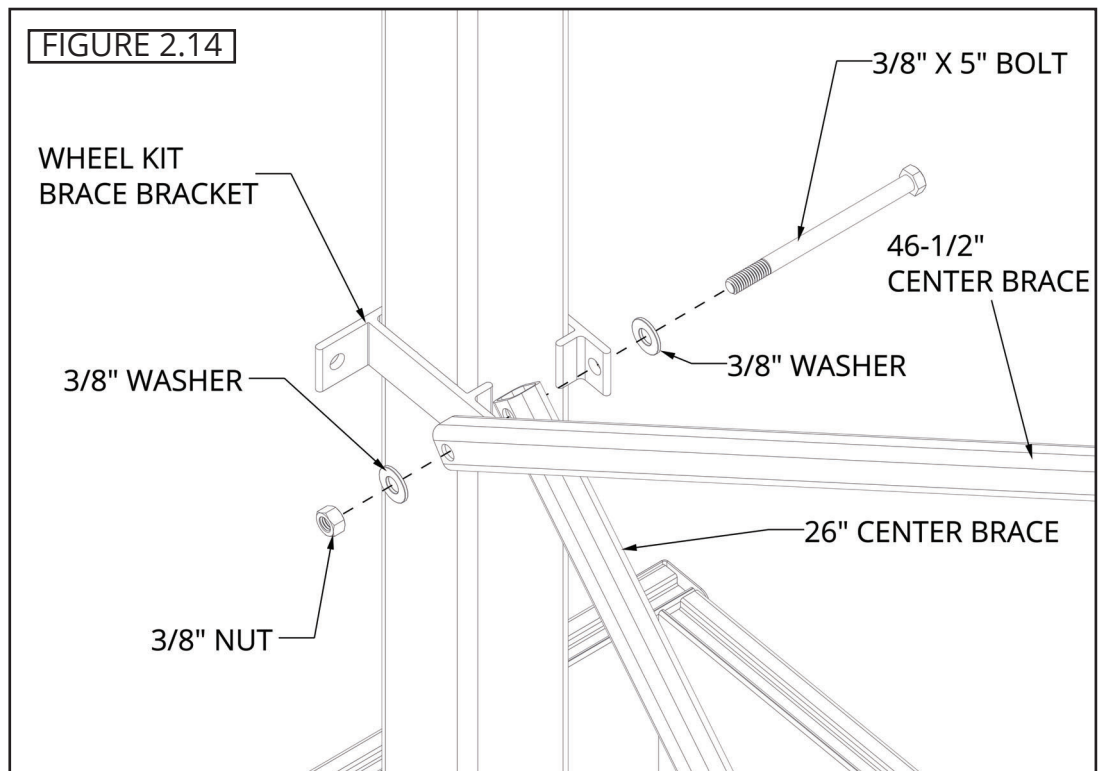
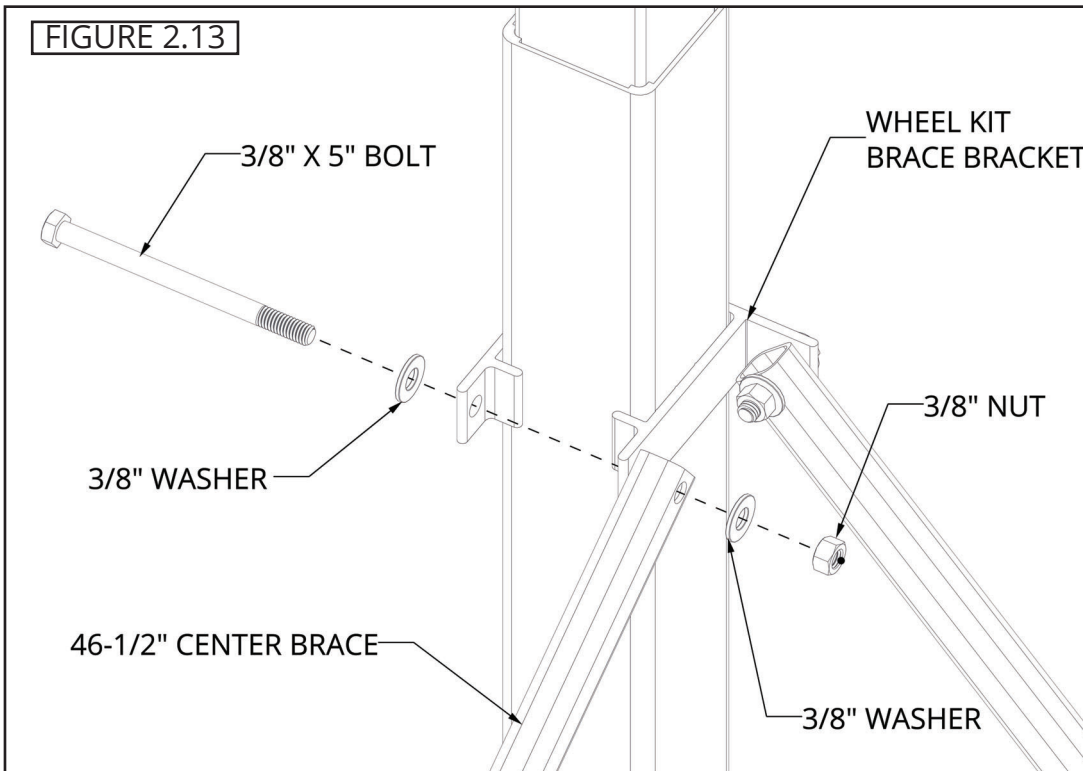
FOR BRACE PLACEMENT, REFER TO FIGURE 2.9. ATTACH THE 26" AND 46-1/2" CENTER BRACES TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.10).



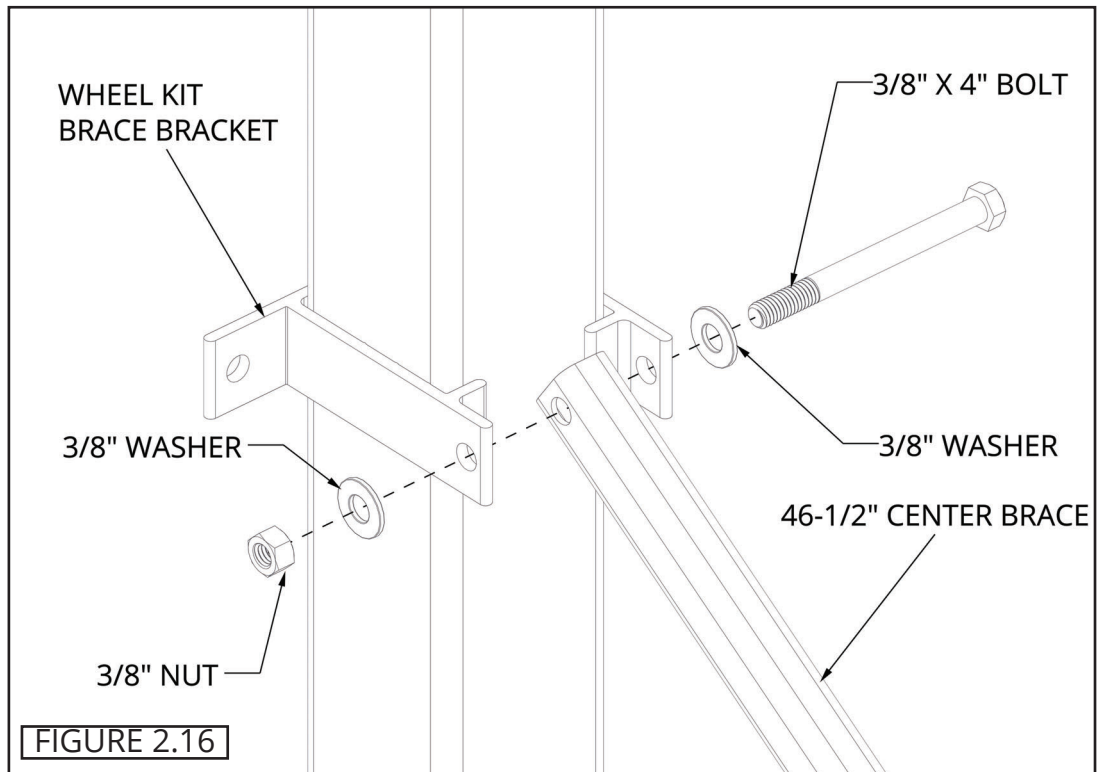
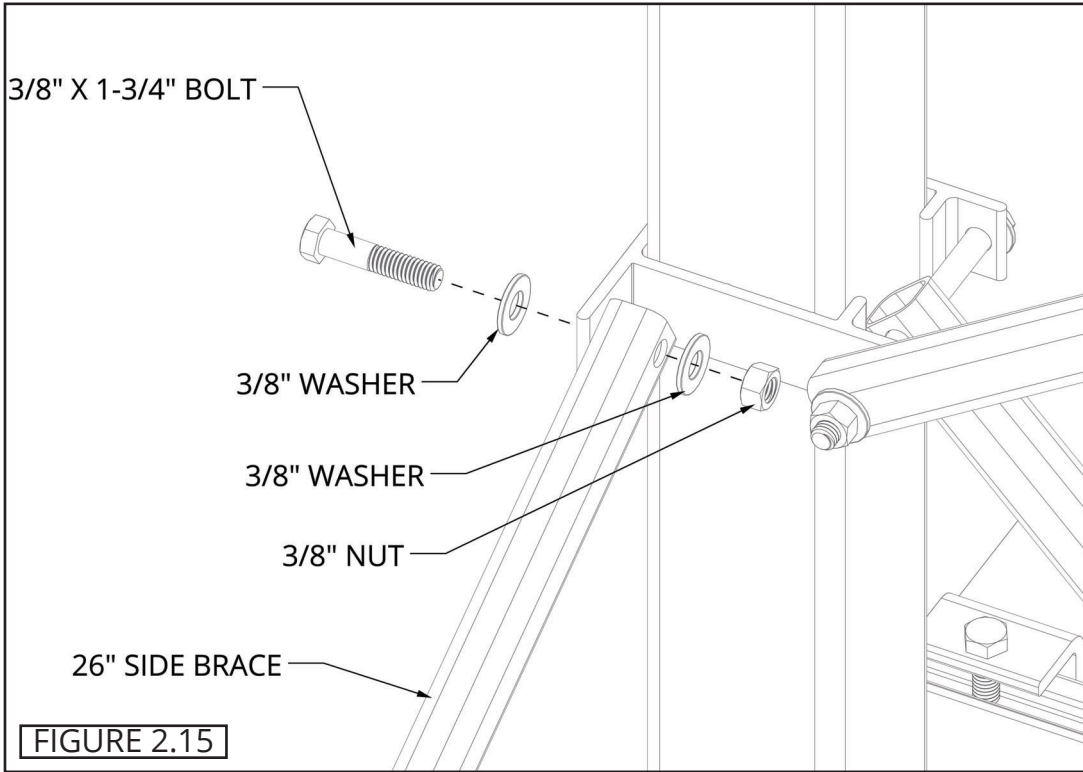
ATTACH THE 26" SIDE BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.11). ATTACH THE 52-3/4" SIDE BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.12).



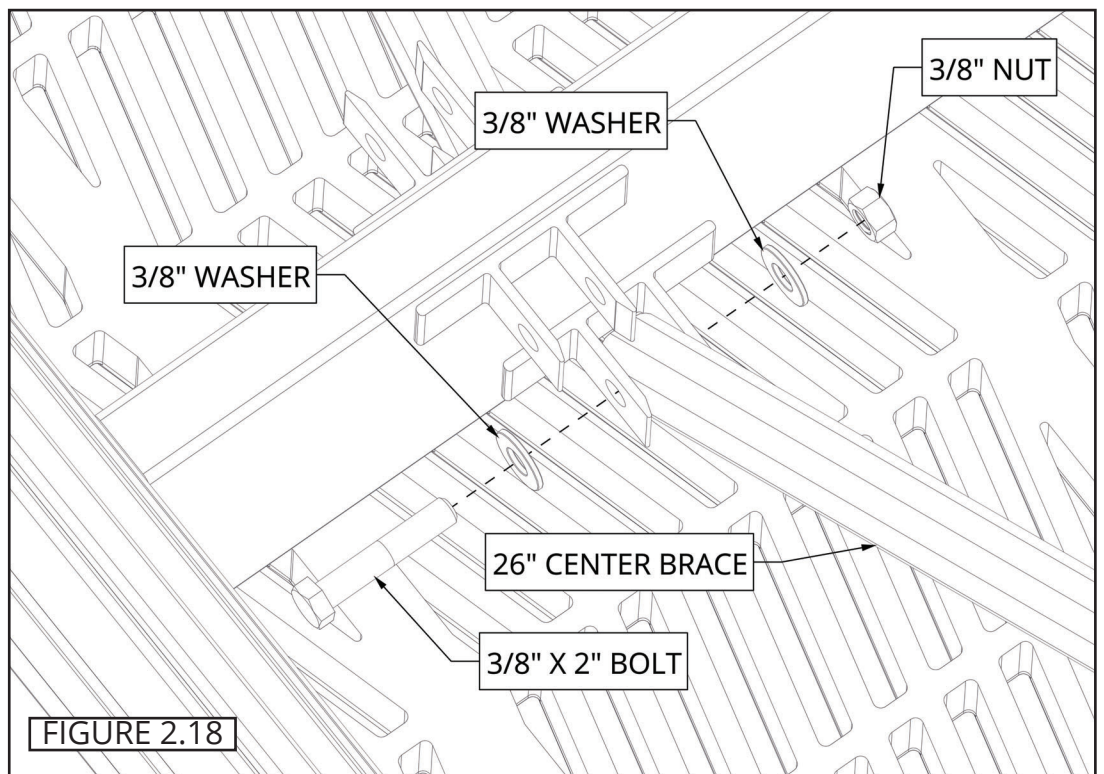
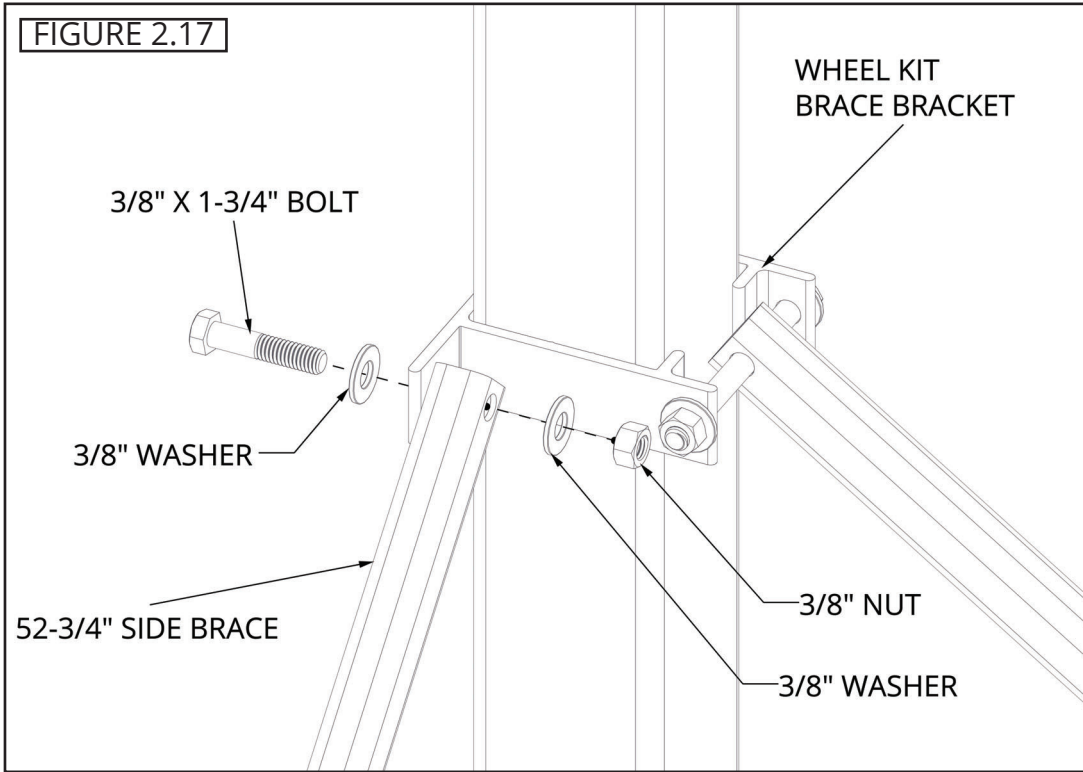
ATTACH THE END OF THE 46-1/2" TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 5" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.13). ATTACH THE 46" AND 26" CENTER BRACES TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 5" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.14).



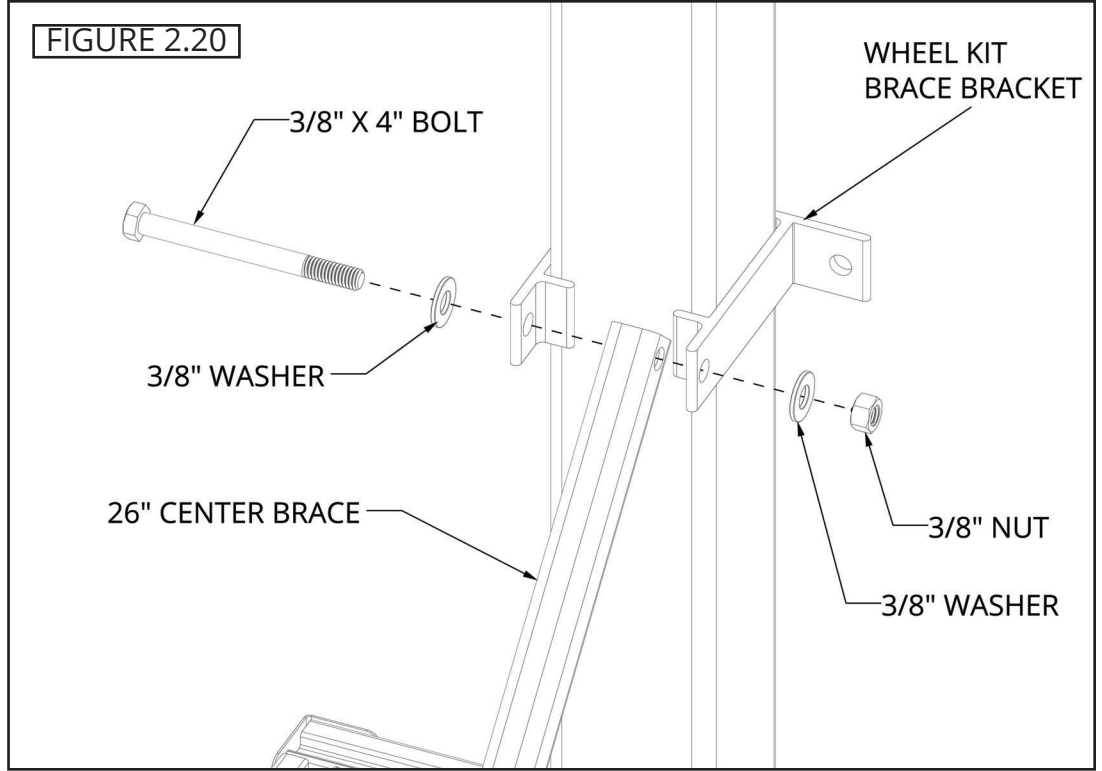
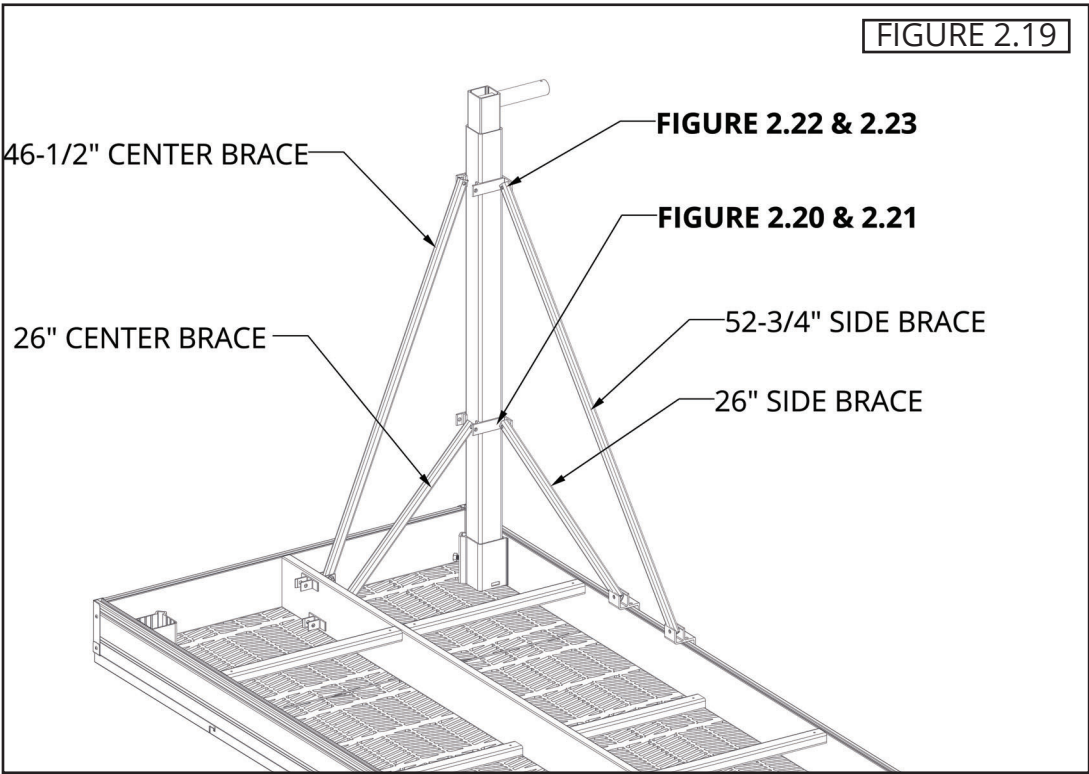
ATTACH THE 26" SIDE BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.15). ATTACH THE 46-1/2" CENTER BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.16).



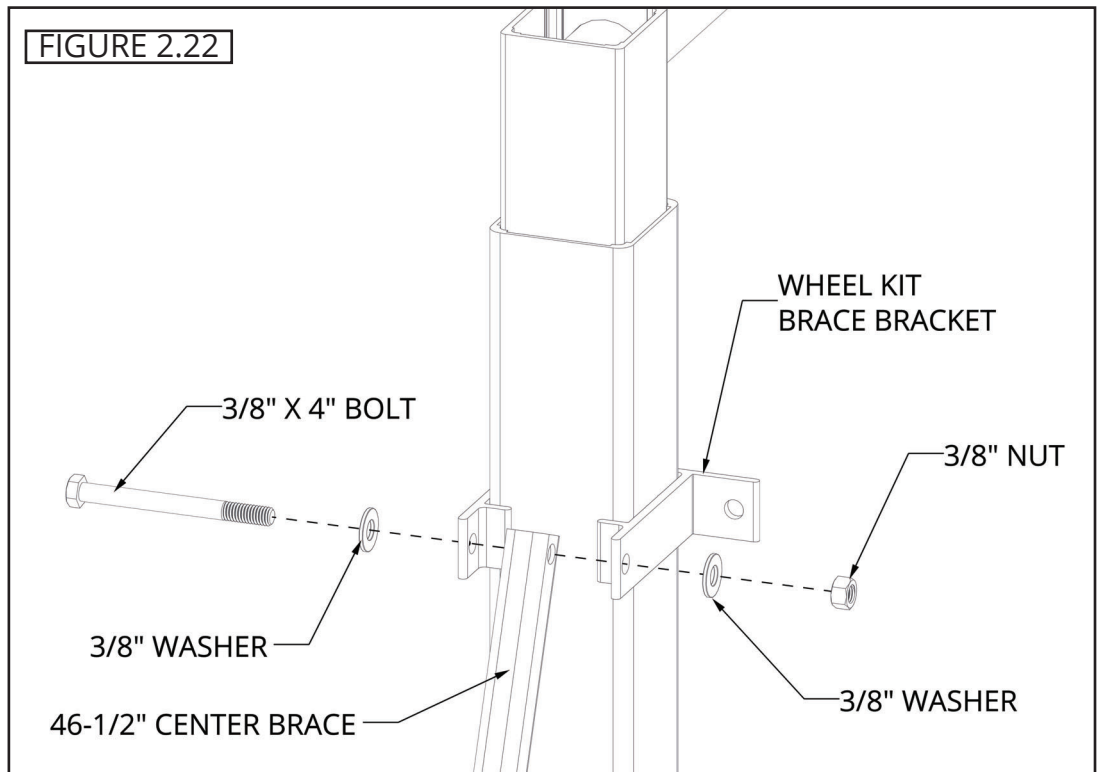
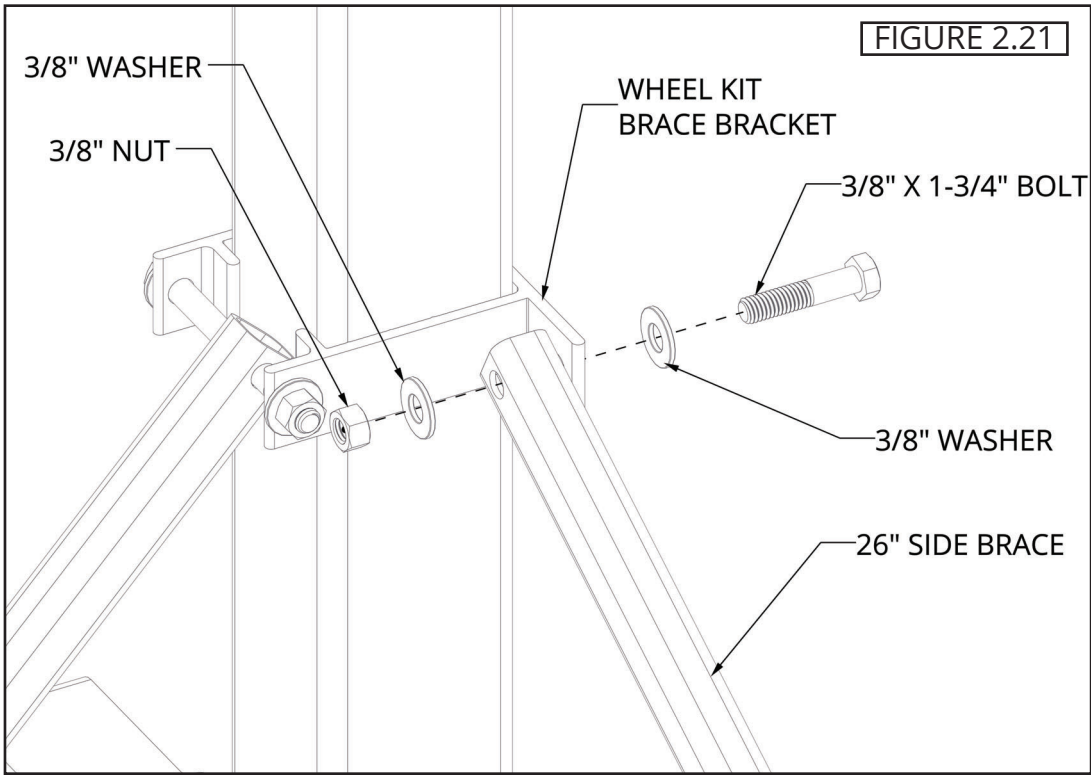
ATTACH THE 52-3/4" SIDE BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.17). CONNECT THE ENDS OF THE (2) 26" CENTER BRACE(S) TO THE BRACKETS ON THE DOCK USING (1) 3/8" X 2" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT PER BRACE (FIGURE 2.18).



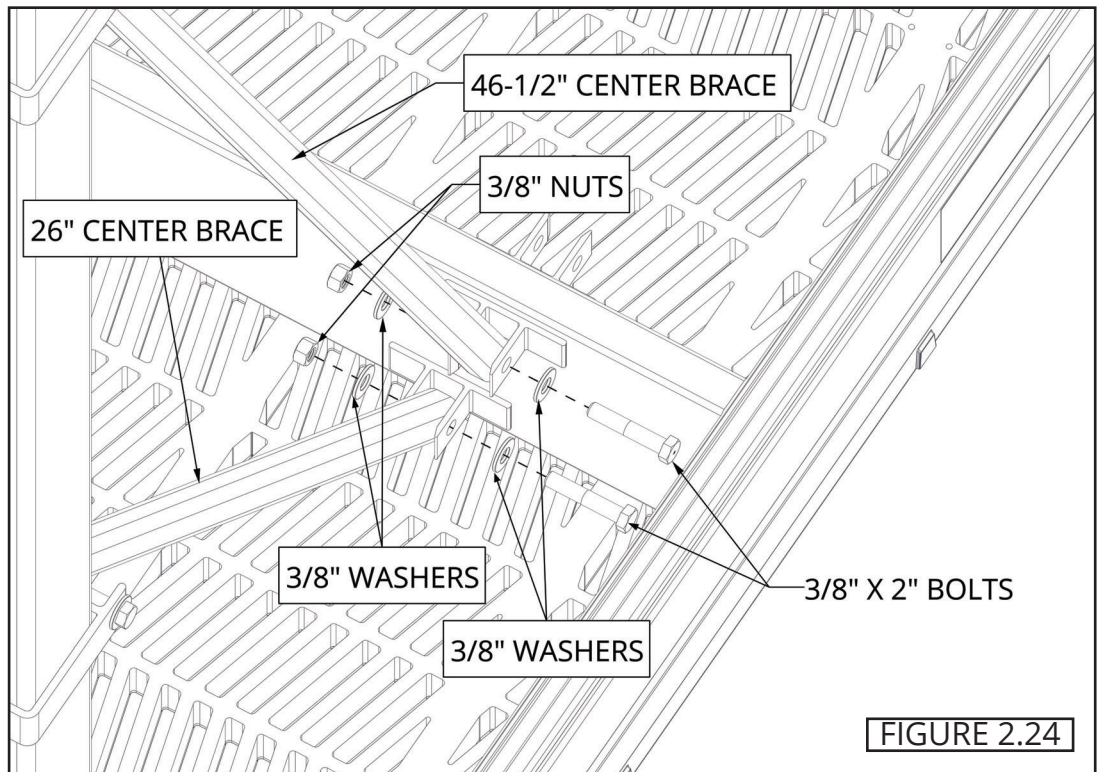
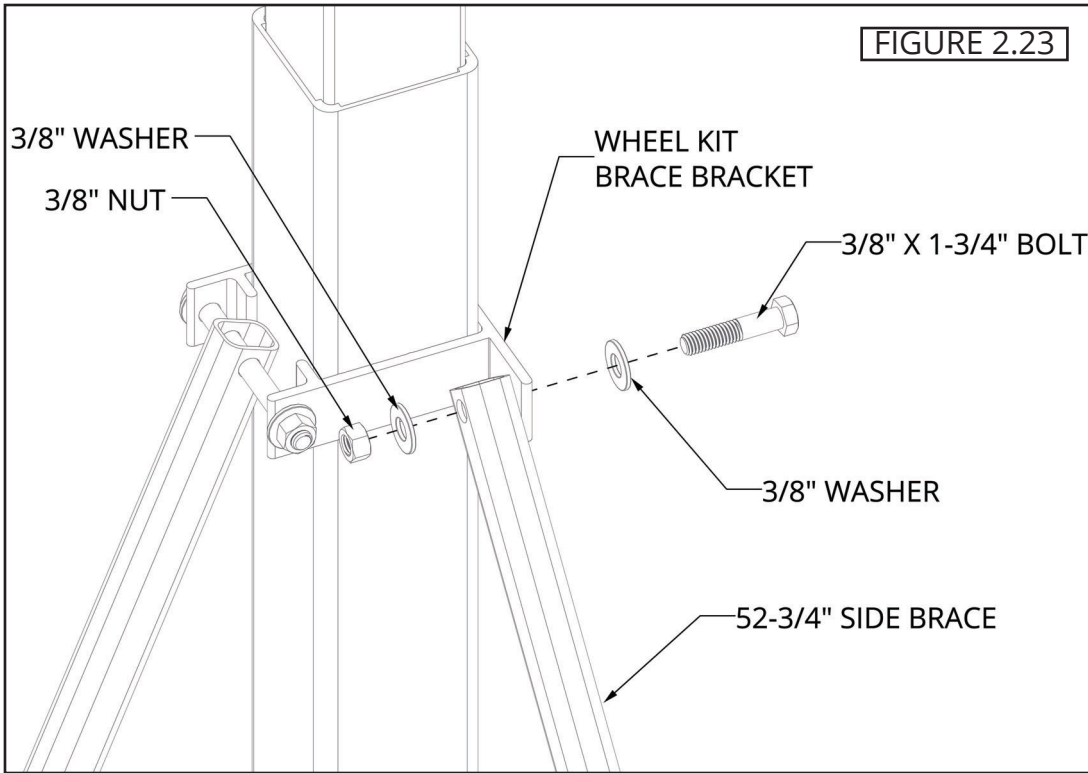
**FOR SINGLE WHEEL KIT INSTALLATIONS, REFER TO FIGURE 2.19. ATTACH ONE END OF THE 26" CENTER BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.20).**



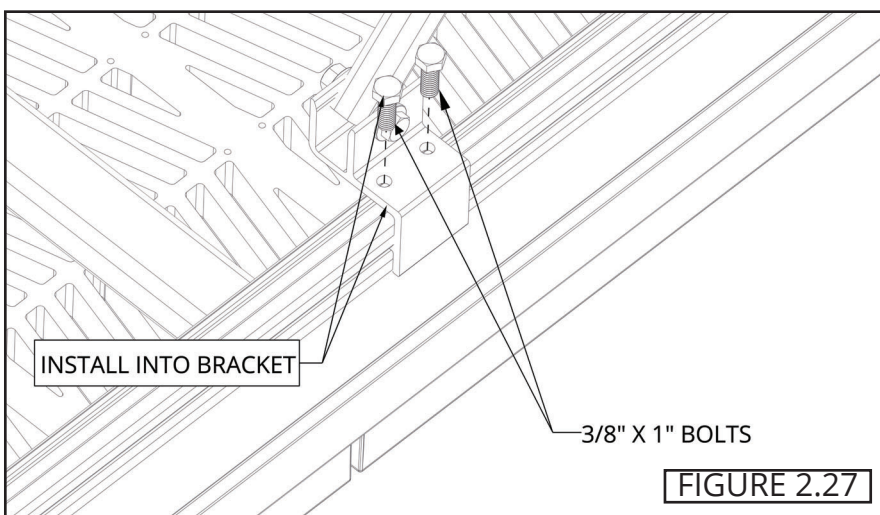
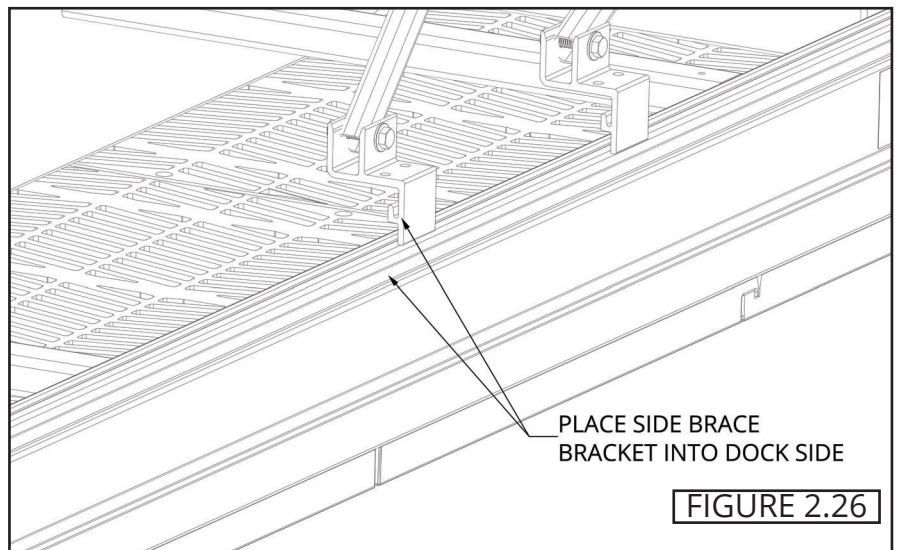
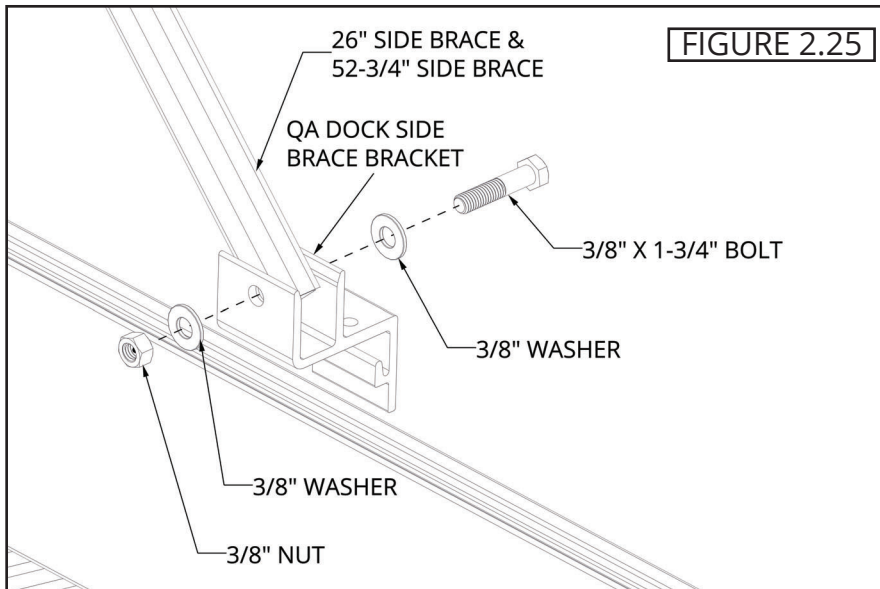
ATTACH ONE END OF THE 26" SIDE BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.21). ATTACH ONE END OF THE 46-1/2" CENTER BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.22).



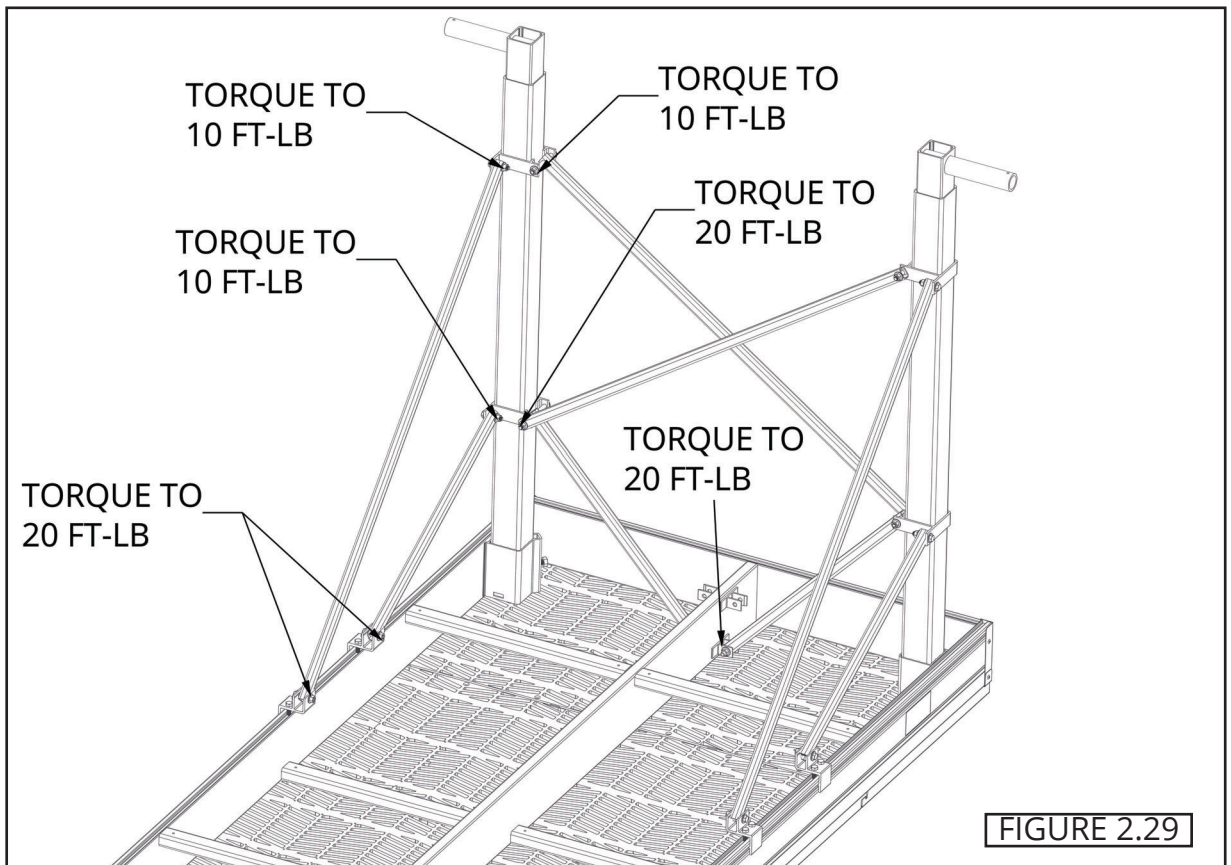
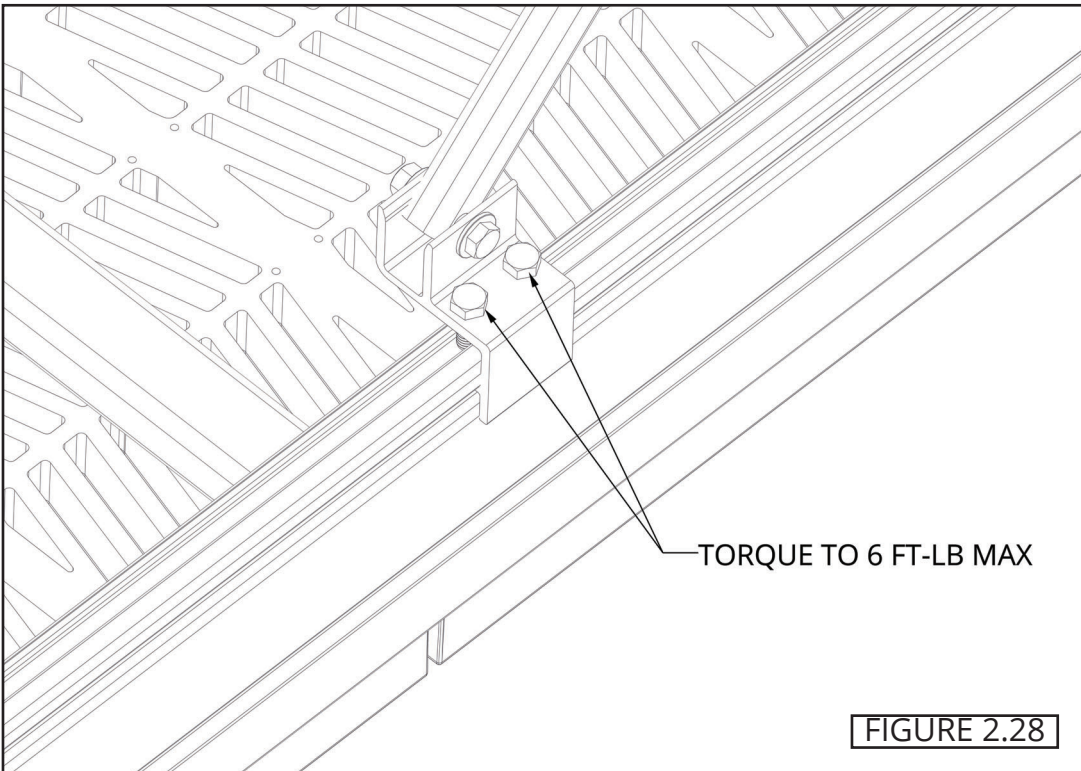
ATTACH ONE END OF THE 52-3/4" SIDE BRACE TO THE WHEEL KIT BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT (FIGURE 2.23). CONNECT THE ENDS OF THE 26" & 46-1/2" CENTER BRACES TO THE BRACKETS ON THE DOCK USING (1) 3/8" X 2" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT PER BRACE (FIGURE 2.24).



ATTACH THE ENDS OF THE 26" AND 52-3/4" SIDE BRACES TO THE DOCK SIDE BRACE BRACKET USING (1) 3/8" X 1-3/4" BOLT, (2) 3/8" WASHERS, AND (1) 3/8" NUT PER BRACKET (FIGURE 2.25). THE BRACE BRACKETS ARE ATTACHED TO THE DOCK BY PLACING THEM INTO THE DOCK SIDE (FIGURE 2.26). INSERT (2) 3/8" X 1" BOLTS INTO THE BOTTOM OF THE BRACKET (FIGURE 2.27).

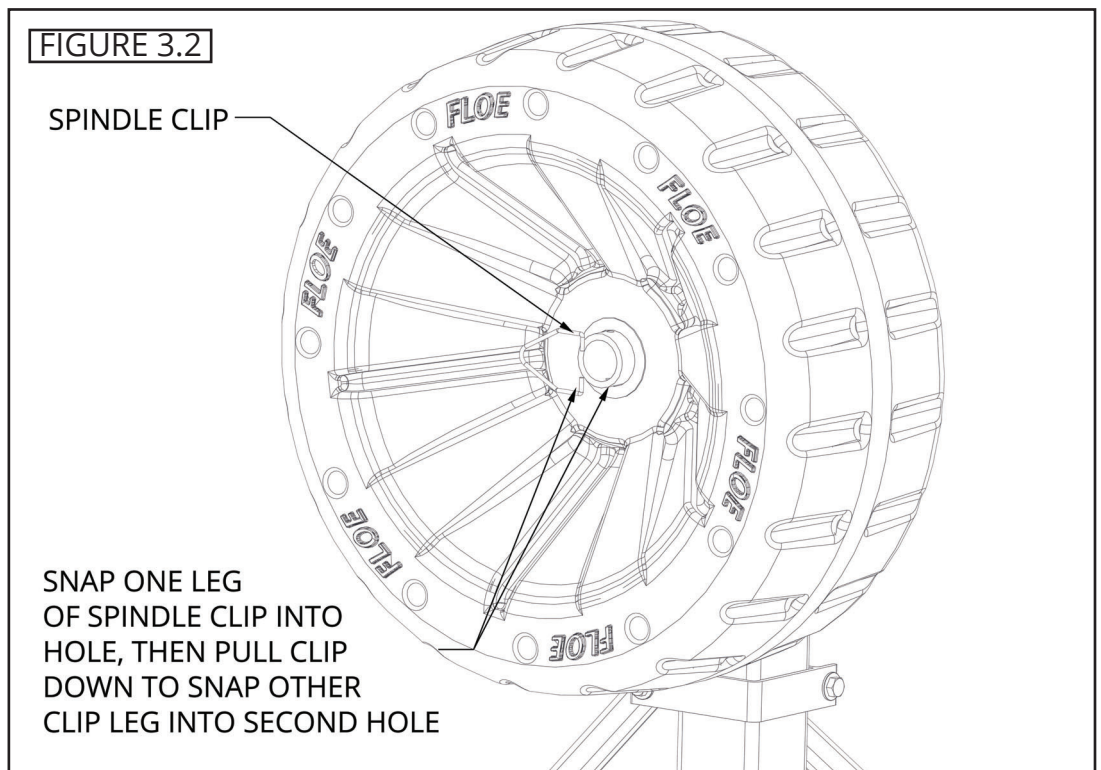
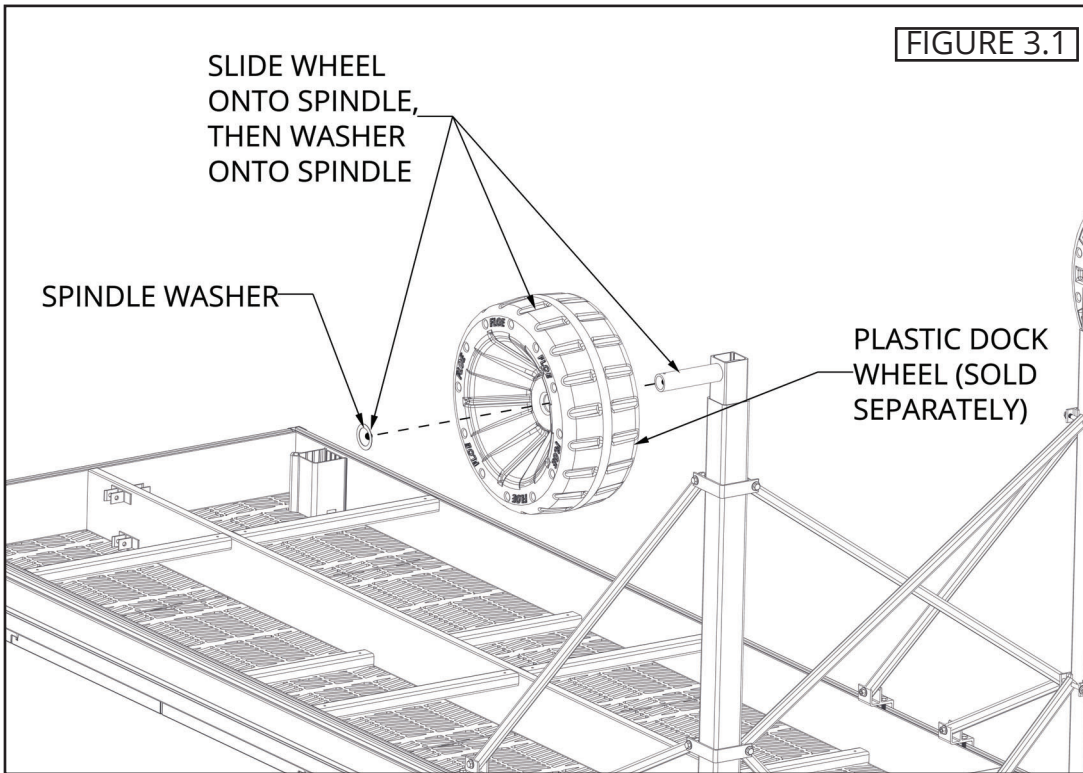


TORQUE TO 6 FT-LBS MAXIMUM (FIGURE 2.28). TORQUE ALL 3/8" NUTS INSTALLED IN THIS STEP TO THE SPECIFICATIONS SHOWN. **OVERTIGHTENING THE FASTENERS WILL CRUSH THE BRACES** (FIGURE 2.29).



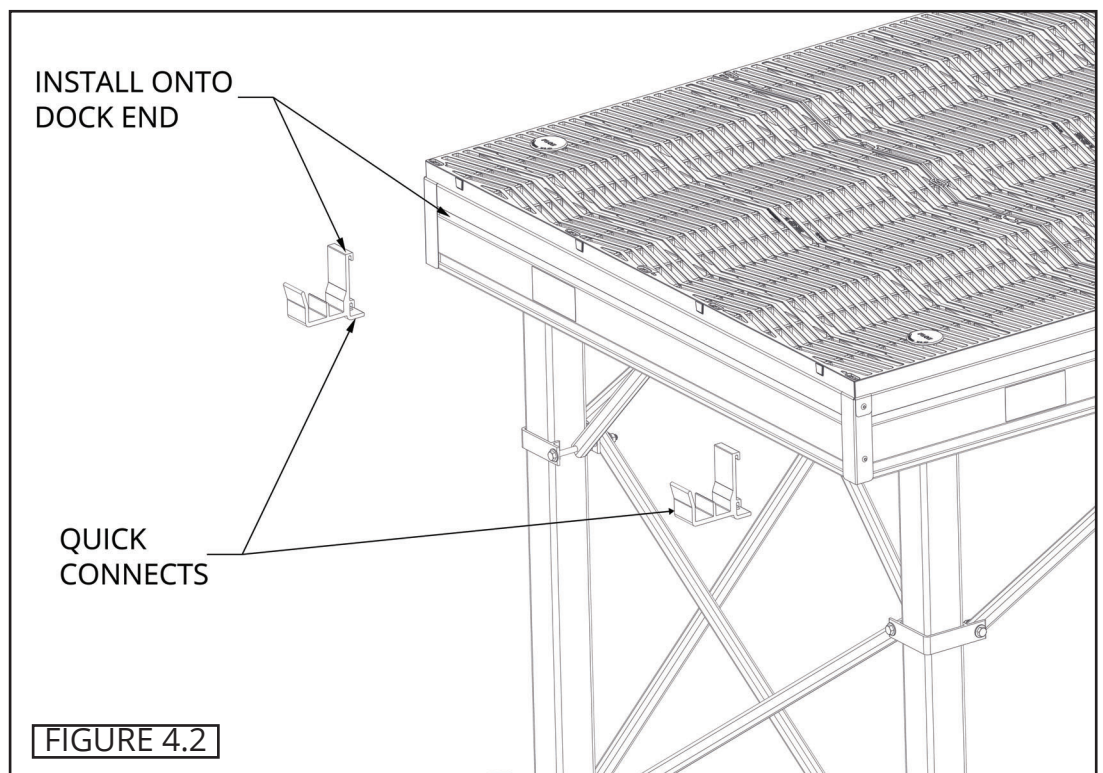
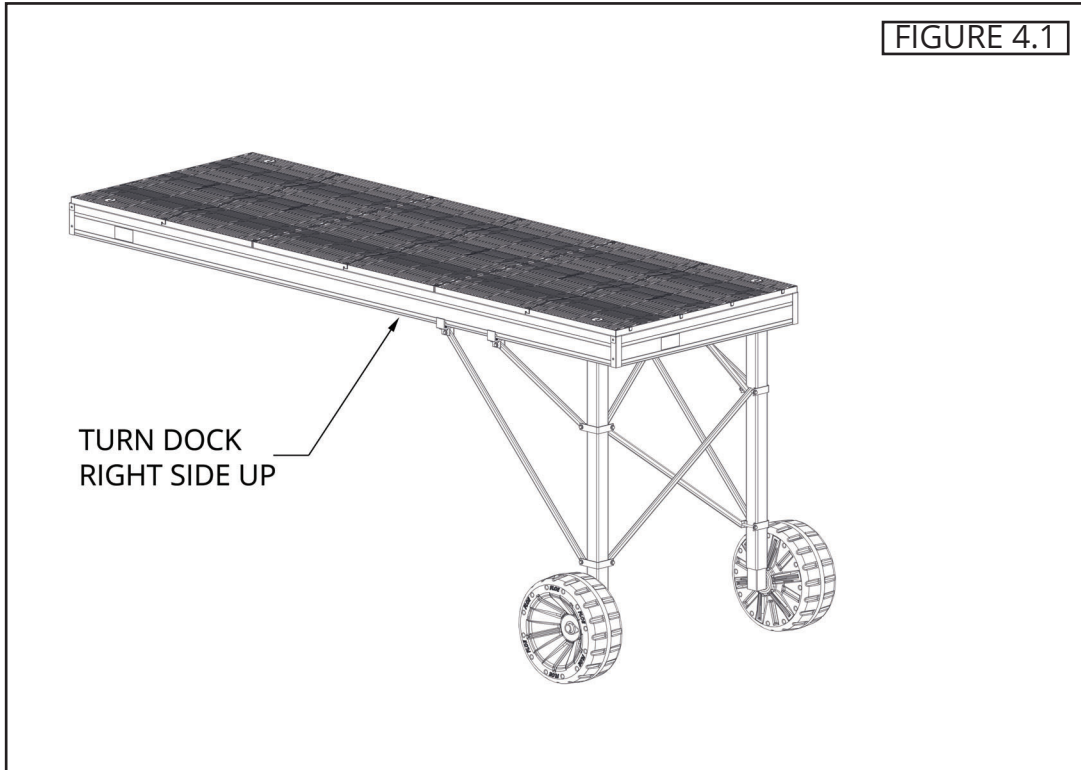
### STEP 3

SLIDE WHEEL(S) (SOLD SEPARATELY) ONTO THE SPINDLE ON THE WHEEL KIT AND PLACE A 2-1/2" WASHER ONTO THE SPINDLE (FIGURE 3.1). INSERT SPINDLE CLIP LEG INTO ONE OF THE HOLES IN THE SPINDLE, THEN PULL CLIP DOWN TO SNAP OTHER CLIP LEG INTO THE SECOND HOLE (FIGURE 3.2).

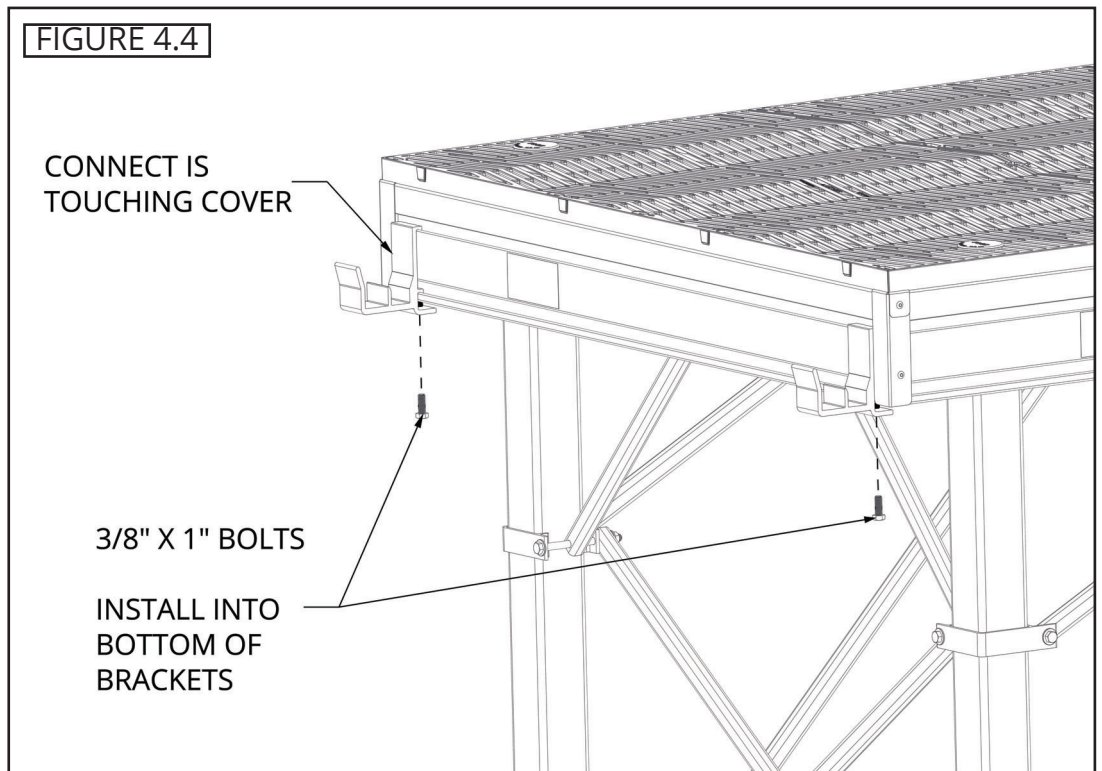
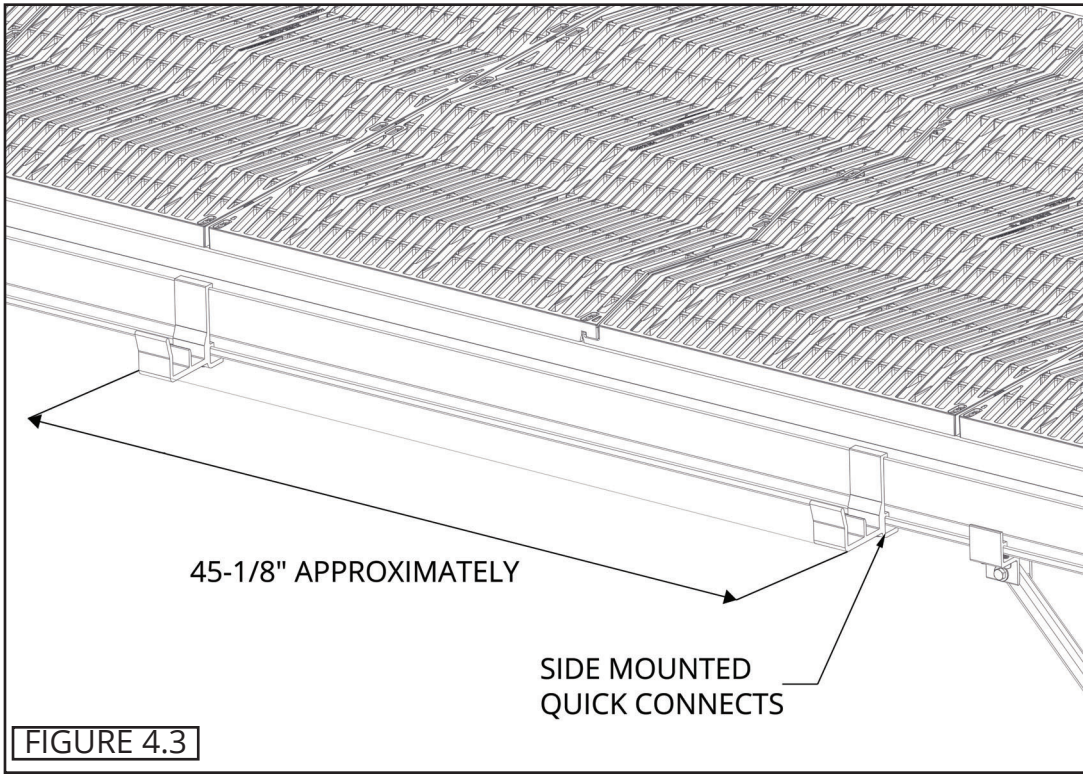


## STEP 4

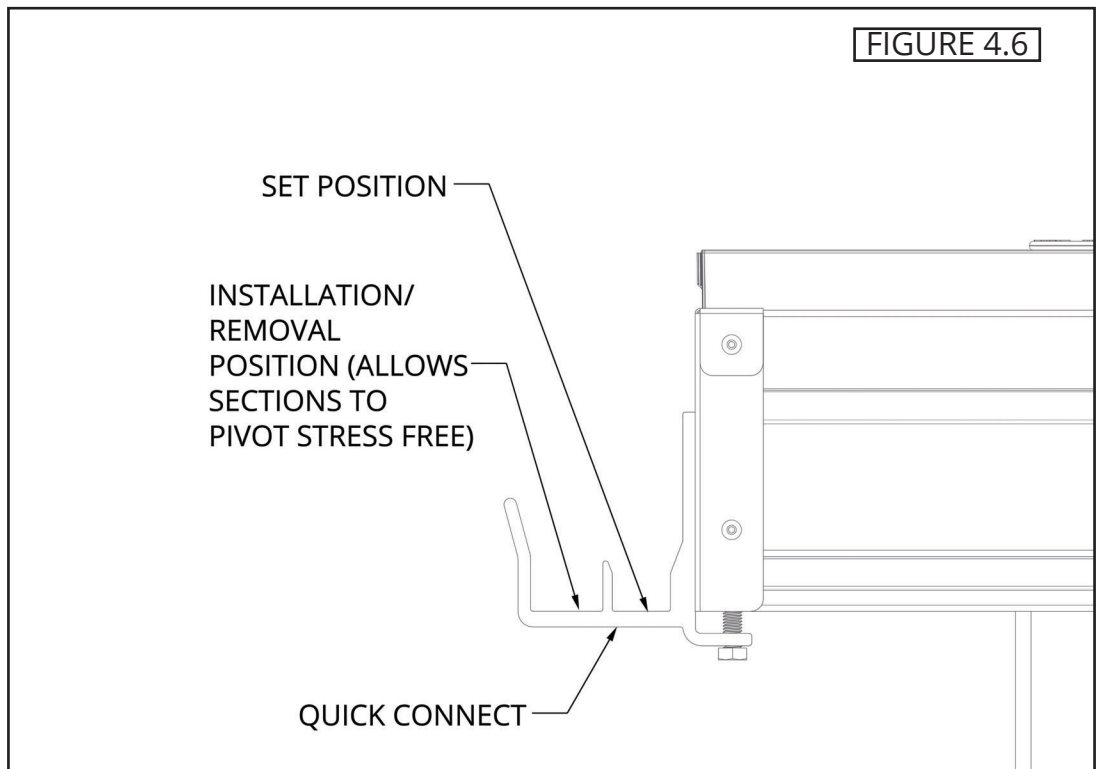
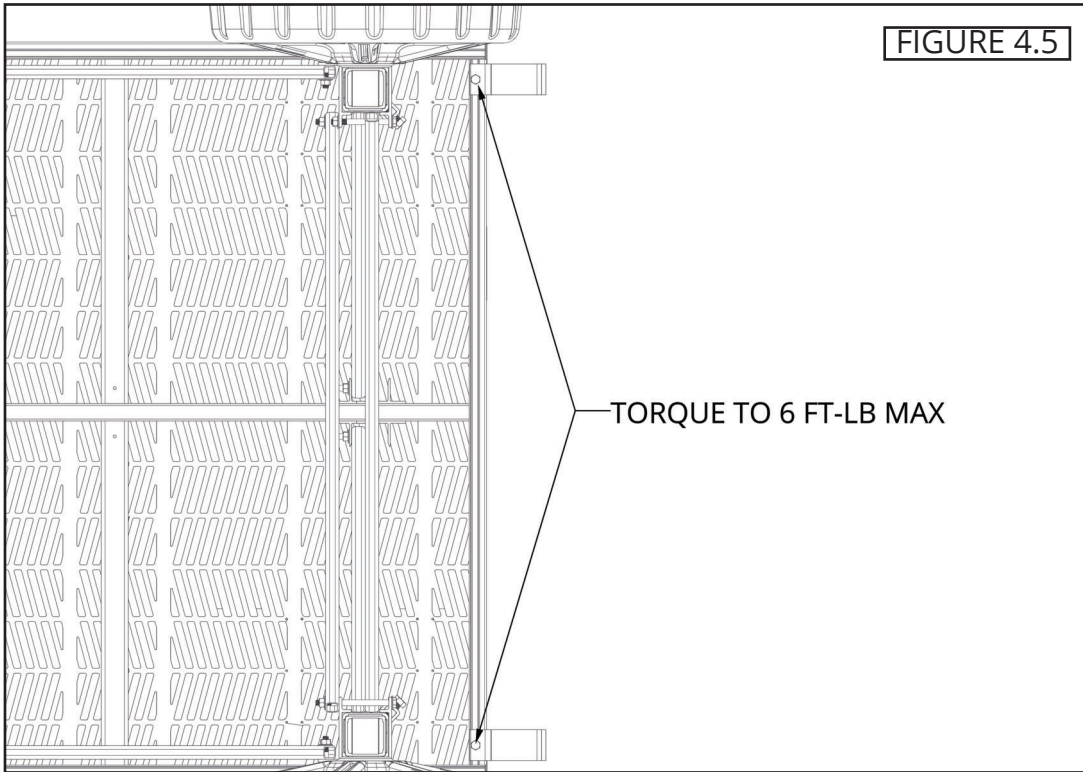
TURN DOCK RIGHT SIDE UP (FIGURE 4.1). ATTACH QUICK CONNECTS TO THE WHEEL KIT END OF THE DOCK SECTION IF ANOTHER SECTION IS TO BE CONNECT TO IT. TO ATTACH DOCK SECTIONS IN A STRAIGHT LINE, QUICK CONNECTS SHOULD BE ASSEMBLED AS SHOWN. POSITION THE QUICK CONNECTS AS FAR OUT AS POSSIBLE BY POSITIONING THE BRACKETS SO THEY ARE TOUCHING THE CORNER COVER (FIGURE 4.2 & 4.4).



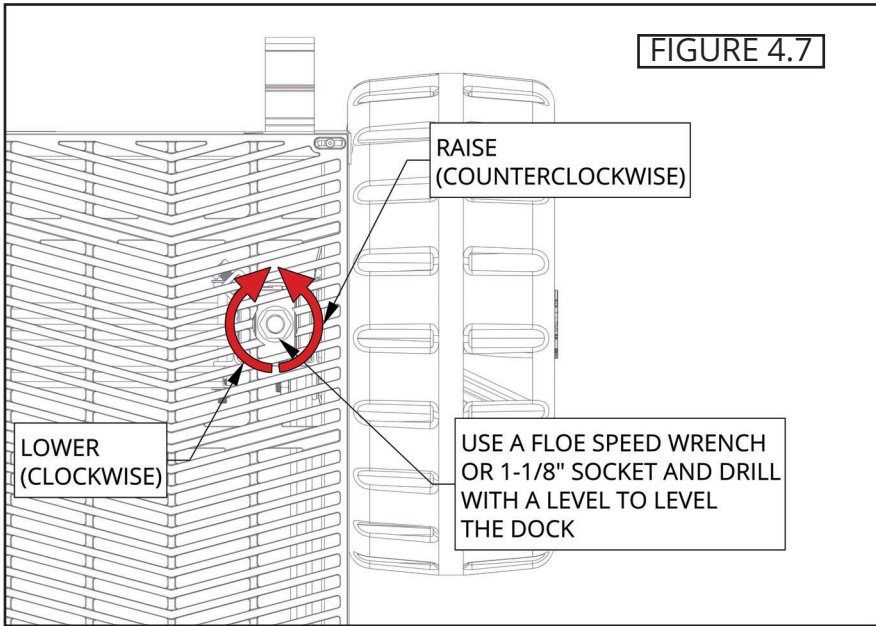
WHEN ANOTHER DOCK SECTION CONNECTS TO A SIDE OF THE DOCK, QUICK CONNECTS SHOULD BE PLACED AS SHOWN (FIGURE 4.3). ATTACH USING A 3/8" X 1" BOLT PER CONNECT. POSITION THE QUICK CONNECTS AS FAR OUT AS POSSIBLE BY POSITIONING THE BRACKETS SO THEY ARE TOUCHING THE CORNER COVER (FIGURE 4.4).



TORQUE BOLTS TO 6 FT-LBS (FIGURE 4.5). **QUICK CONNECTS SHOULD BE SPREAD APART AS FAR AS POSSIBLE TO KEEP THE JOINING SECTION FROM SHIFTING SIDeways.** PLACE CONNECTING DOCK SECTIONS IN THE QUICK CONNECT INSTALLATION/REMOVAL POSITION WHEN INSTALLING OR REMOVING MULTIPLE SECTIONS. PUSH THE DOCKS INTO POSITION IN THE WATER. ONCE THE DOCKS ARE IN POSITION, PUT THEM IN THE QUICK CONNECTS' SET POSITION (FIGURE 4.6).



WITH THE CAPS REMOVED FROM THE DOCK, USE A FLOE SPEED WRENCH OR 1-1/8" SOCKET AND DRILL TO ADJUST THE HEIGHT OF THE DOCK SO THE BOTTOM FRAME OF THE DOCK IS APPROXIMATELY 8" ABOVE THE WATER. TURN THE DOCK ADJUSTING NUT ON THE TOP OF THE DOCK CLOCKWISE TO LOWER THE DOCK AND COUNTERCLOCKWISE TO RAISE THE DOCK. USE A LEVEL TO MAKE SURE ALL DOCK SURFACES ARE LEVEL (FIGURE 4.7). ONCE THE DOCK IS SET IN PLACE AND LEVELED, RE-INSERT THE PLASTIC CAPS IN THE ADJUSTMENT NUT HOLE (FIGURE 4.8).

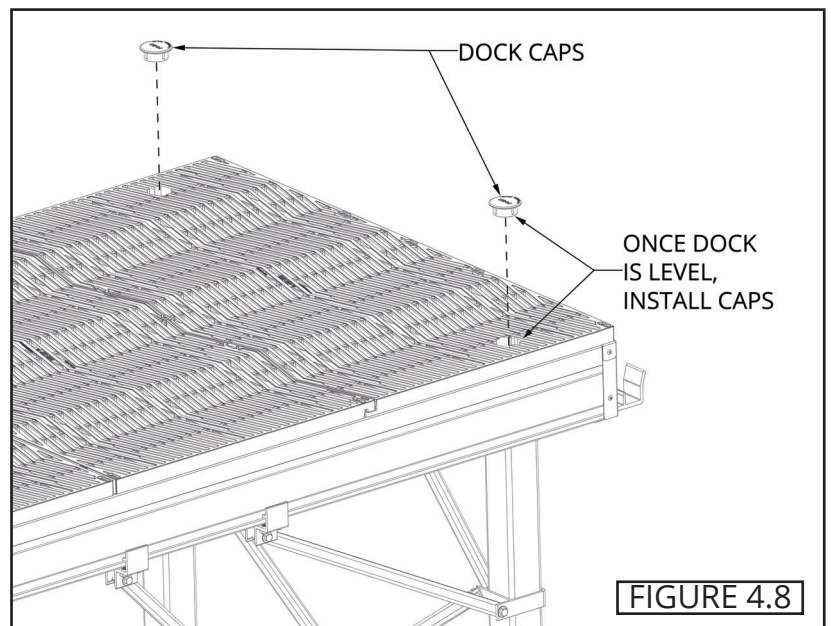


**! WARNING !**

Never adjust your dock legs with an impact wrench. If you can not turn the adjusting nut, do not force it - you have reached the end of the adjustment range. DO NOT exceed 15 ft/lbs. Applying too much force to your dock legs will damage the mechanism.

**! WARNING !**

Cordless drill may come to a sudden stop when the leg is fully extended or retracted. Be sure to have your cordless drill in clutch mode when adjusting the legs. Use of a corded drill may cause electrocution. Failure to use drill in clutch mode may cause injury to your hand or arm.





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