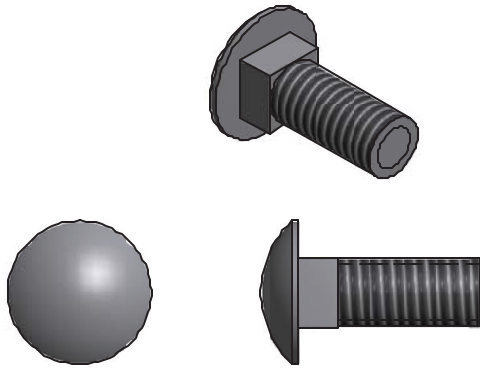




Roll In Straight

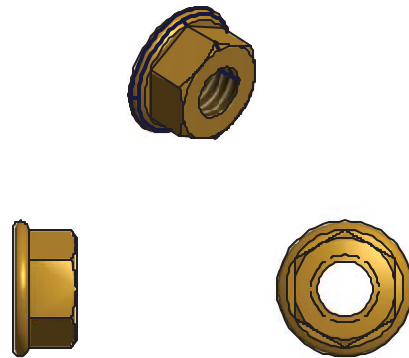


1



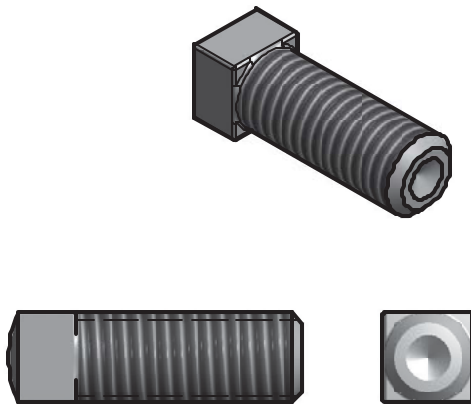
3/8 X 1 CARRIAGE BOLT SS

2



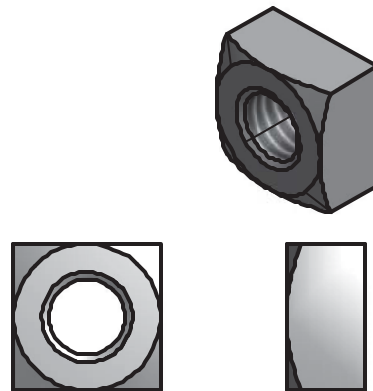
3/8 FLANGE NUT BRASS

3



1/2-13 X 1.25 SQ BOLT SS

4



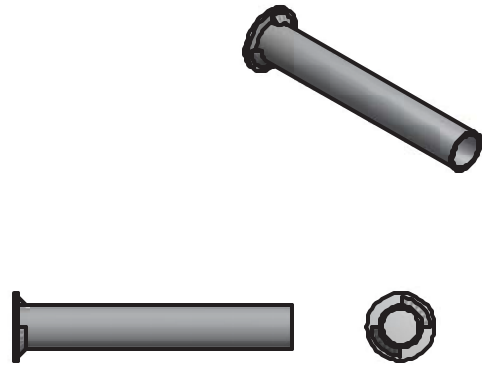
1/2 SQ NUT BRASS

6



3" AXLE WASHER SS

7



SINGLE AXLE TUBE

<u>Lake End Hardware Box -VM-038-1 B</u>	<u>(use on all</u>	<u>dock layouts)</u>
<u>description</u>	<u>part number</u>	<u>qty</u>
screw leg post brkt	vm-095	2
single axle tube	vm-164	2
aluminum washer	hd-00053	2
3/8 x 1 carriage bolt(stainless steel)	hd-00059	4
3/8 flange nut(brass)	hd-00056	4
1/2-13x1.25 square head bolt(stainless steel)	hd-00060	8
1/2-13 round head square nut(brass)	hd-00058	8

INSTRUCTIONS FOR DOCKS MODELS 2010 and newer

To insure your safety while assembling your Voyager roll in dock:

- Fully read and understand the assembly instructions
- Do not assemble this product if items are missing or damaged
- Wear protective gloves, clothing and eye wear when assembling this product
- For best results find a flat area with plenty of room to assemble the dock
- Check tightness of all hardware each year to avoid injury

Before assembly you will need to determine your dock layout and water depths. Once layout is figured out, take water depth measurements where dock will be located. Take measurements at point of every dock section joint (the distance apart to measure will depend on dock lengths used and layout). Make sure length of dock leg will compensate for distance dock is out of the water and also water fluctuation. You will need to decide if add-on legs are going to be flush with bottom of decking or if leg will stick above decking and how much.

❖ *Note: You may need assistance when turning dock over and also when installing dock into the water.*

The following tools will be needed: (2) 1/2" wrenches, (2) 9/16" wrenches, tape measure, level, marking utensil, cut off saw and 15/16" socket with ratchet or wrench

Instructions for installing a straight roll in system:

- 1) For ease of assembly lay dock upside down on a flat surface (have end that will be out the farthest in lake facing in direction to be rolled out in). **Per diagram A, page 6.**
- 2) Install 2 carriage bolts into bottom raceway of side rail. One 10-12 inches on each side of large welded in leg socket. **Per diagram B, page 7.**
- 3) Install post reinforcement assembly into dock leg socket. Slide carriage bolts into slots on post reinforcement brackets and install flange nuts. **Per diagram B-1, page 7.**
- 4) Tighten flange nuts on post reinforcement assembly with 9/16" wrench.
- 5) Install square nut into channels on post reinforcement assembly and turn set bolt in far enough to keep in place for now. **Per diagram B-2, page 8.**
- 6) Install square nut into channel on dock leg socket and screw set bolt in. **Per diagram B-3, page 8.**

:INSTALLING A STRAIGHT ROLL IN SYSTEM:

LAKE

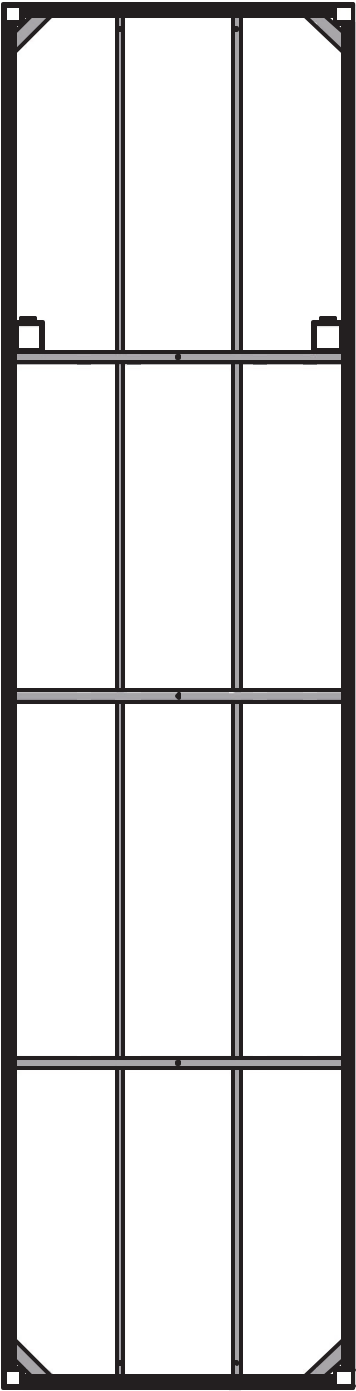


Diagram A

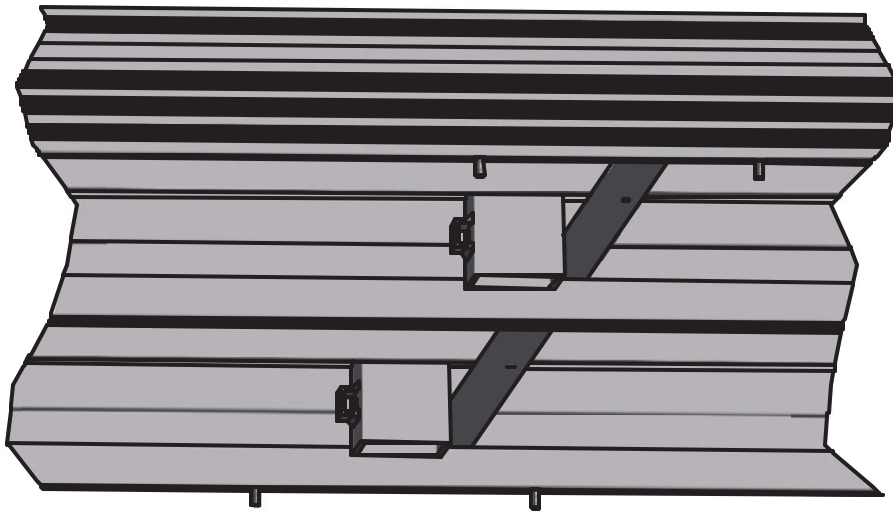


Diagram B

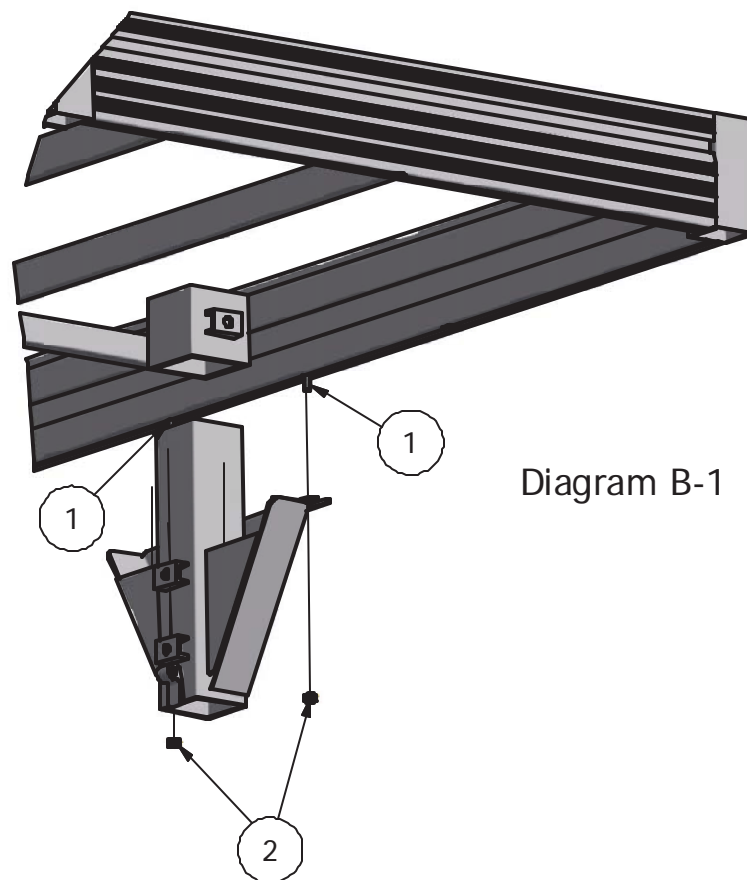
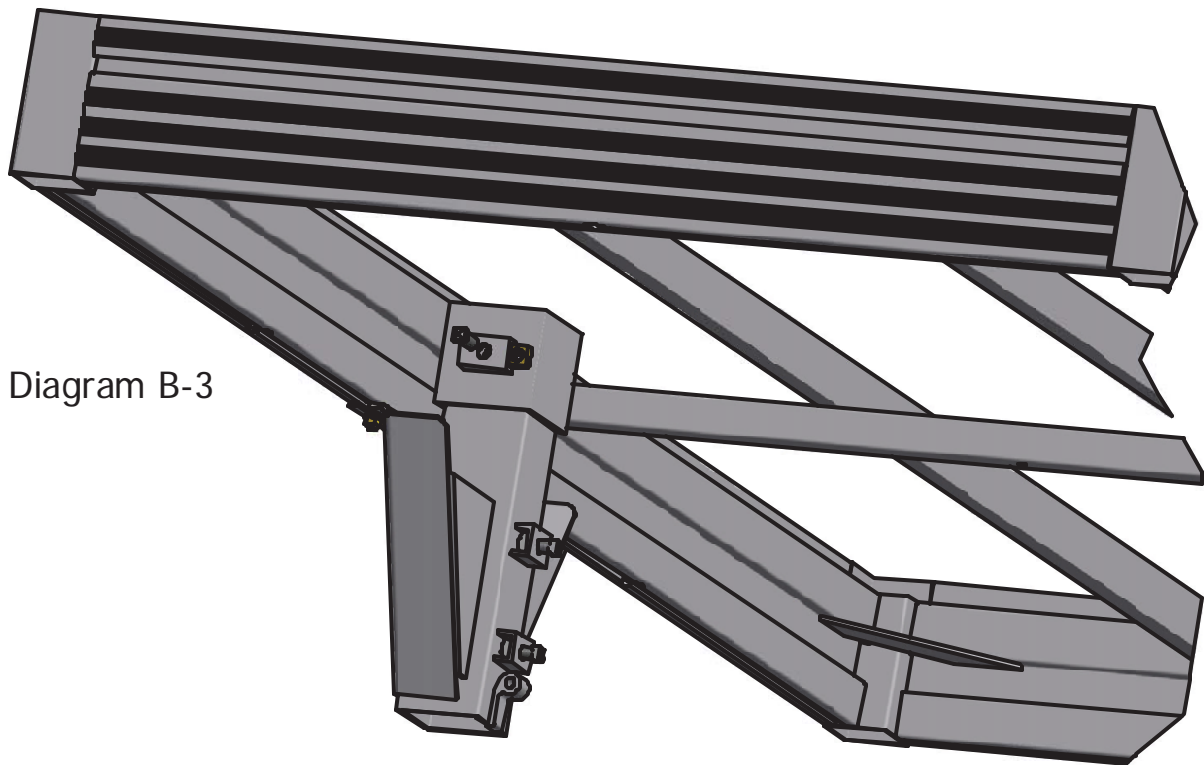
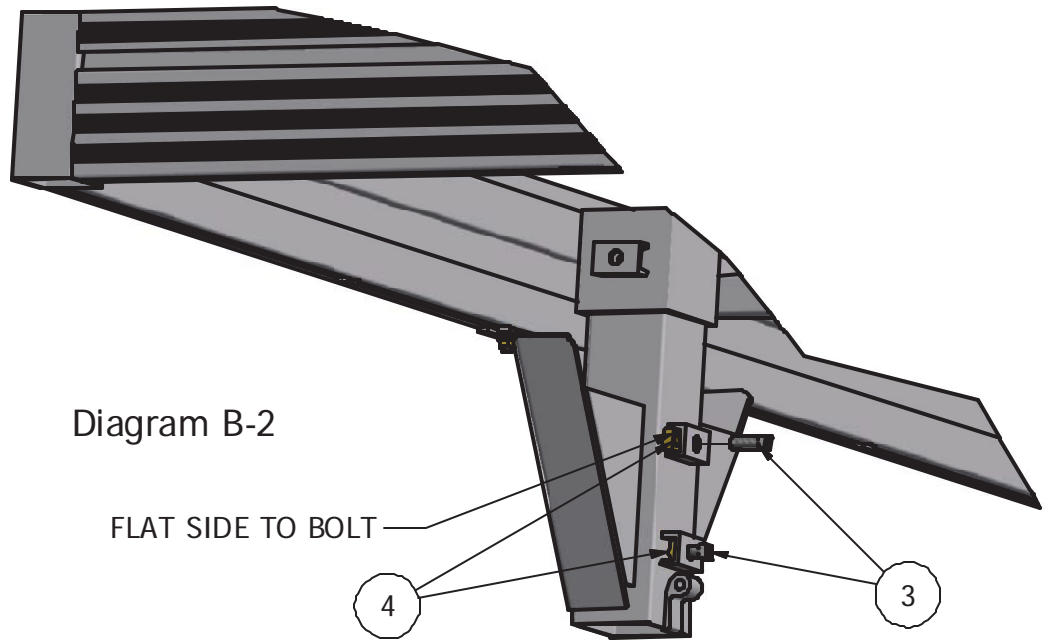


Diagram B-1



- 7) Tighten set bolt on dock leg socket only with ½" wrench. **Per diagram B-4, page 10.**
- 8) Slide screw leg into post reinforcement assembly to desired height* (dock may have to be blocked up in order for leg to be installed to proper height). **Per diagram B-5-1, page 10.**
- 9) With ½" wrench tighten up set bolts for screw leg at this time.
- 10) Put 3" washer onto stub axle, slide poly tire on, put another 3" washer on, install stub axle and tire into screw leg with tire to outside of dock until washer is close to screw leg (leave clearance so tire isn't tight). **Per diagram B-6, page 11.**
- 11) Install square nut into bottom of screw leg and install set bolt. Tighten with ½" wrench. **Per diagram B-7, page 11.**
- 12) Repeat steps 2-11 for other side.
- 13) If this is only dock sections to be installed skip to step 28. *If hooking more sections together proceed to step 14.*
- 14) If adding additional dock sections, lay additional frame up against end of first dock frame. **Per diagram B-8, page 12.**
- 15) Put 2 carriage bolts in bottom raceway of side rail on the opposite end of wheel end, slide towards corner pocket. Also put 2 carriage bolts into bottom of raceway of side rail on dock that is being added on, having bolts slid toward Lake End dock. **Per diagram C, page 13.**
- 16) Install add-on bracket** into corner post of 16' lake end dock, align carriage bolts with slots in bracket as setting into place and attach flange nuts to bolts. **Per diagram C-1, page 14.**
- 17) Tighten flange nuts with 9/16" wrench.
- 18) Put square nuts into channels on add-on bracket. Start set bolts into nuts only enough to keep nuts in place at this time. **Per diagram C-2, page 14.**
- 19) Install square nut into foot pad and start set bolt. **Per diagram C-3, page 15.**
- 20) Install dock leg***into foot pad and tighten set bolt with ½" wrench.
- 21) Install dock leg with foot pad into add on bracket (can either block dock up if necessary to get leg into desired height or put flush for now and set height once dock is in place. **Per diagram C-4, page 15.**
- 22) Tighten up one set bolt with ½" wrench (second one can be tightened up now or once dock is put in place). **Per diagram D-1, page 16.**
- 23) Repeat 15-22 for second add-on bracket.
- 24) Install square nuts into Rapid Link connector bracket and thread set bolts in far enough to keep nuts in place. **Per diagram D-2, page 17.**
- 25) Install Rapid Link bracket onto dock end rail (keep bracket towards outside edge of dock as possible). **Per diagram D-3, page 17.**
- 26) Tighten set bolts in Rapid Link bracket to dock with ½" wrench.

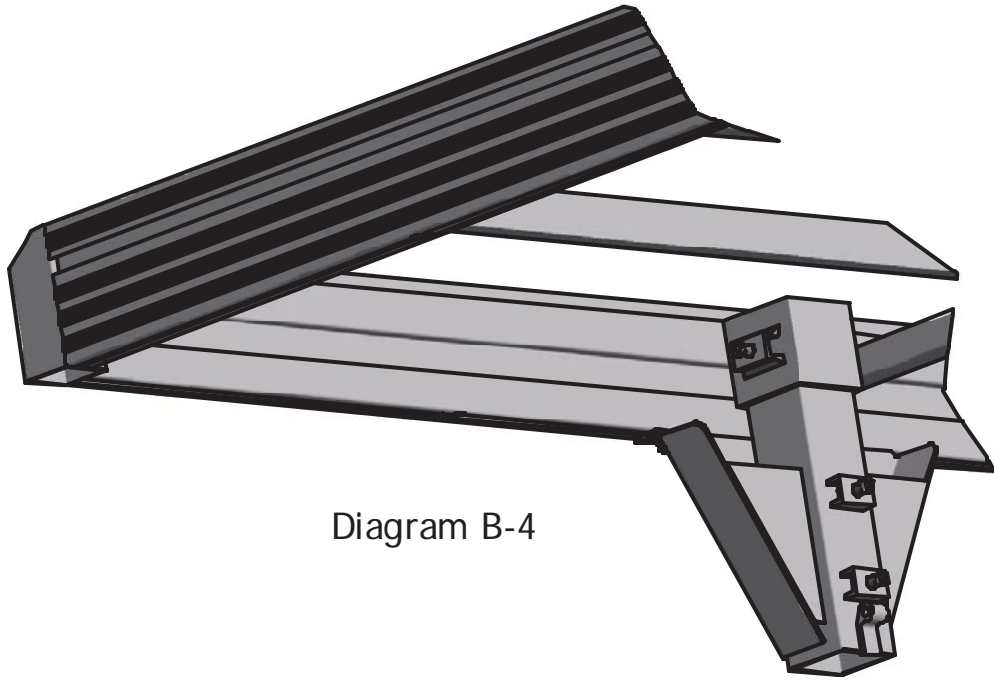


Diagram B-4

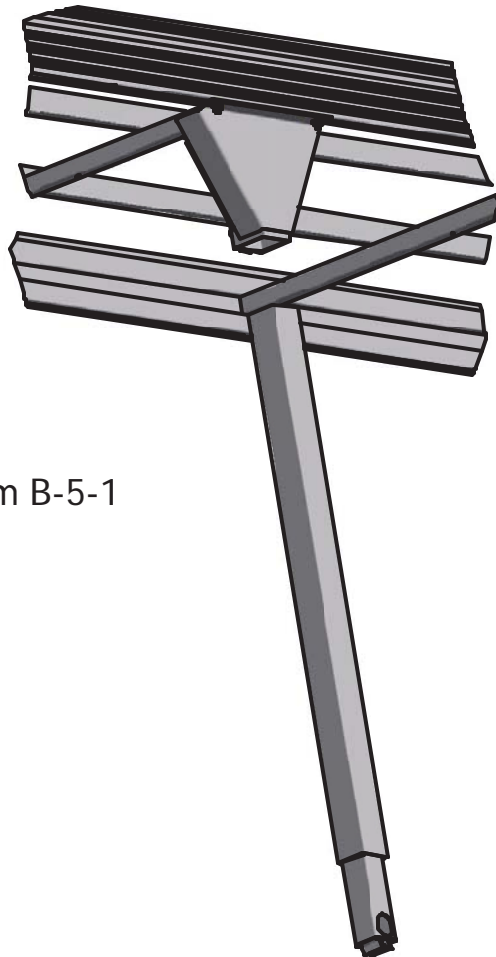


Diagram B-5-1

NOTE:
(FOR L SECTION AND DOUBLE L SECTION WHEEL GOES TO INSIDE)

Diagram B-6

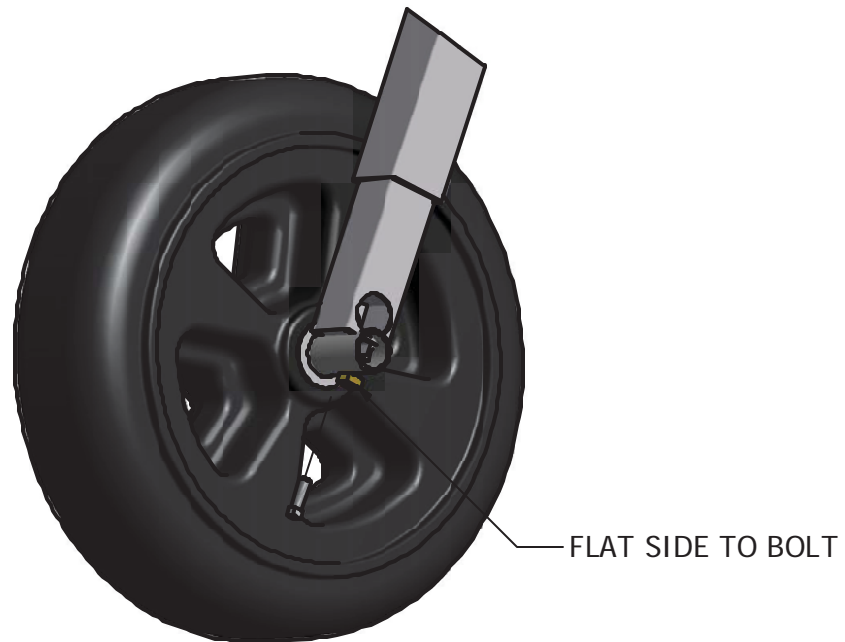
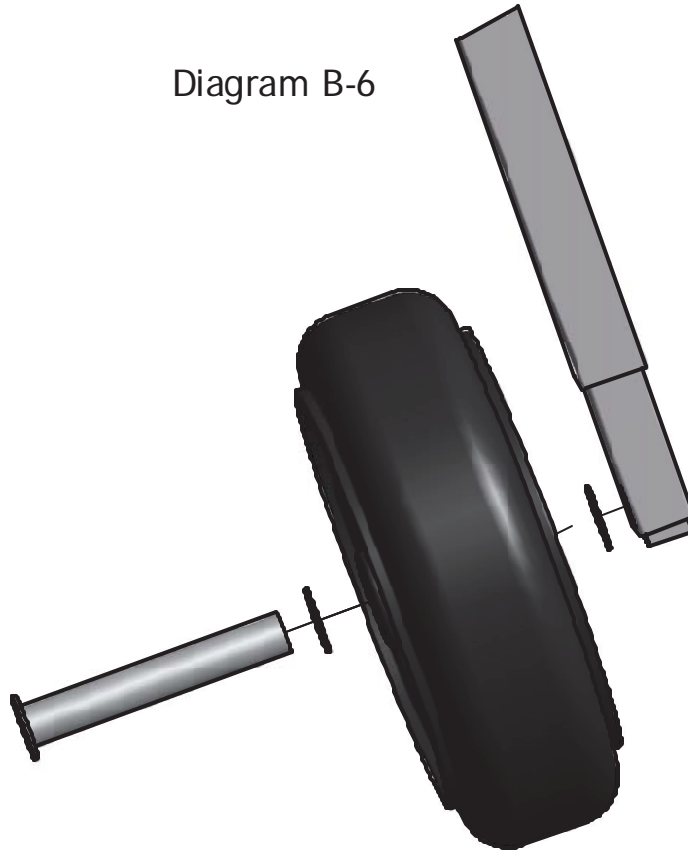


Diagram B-7

LAKE END

Diagram B-8

SHORE END

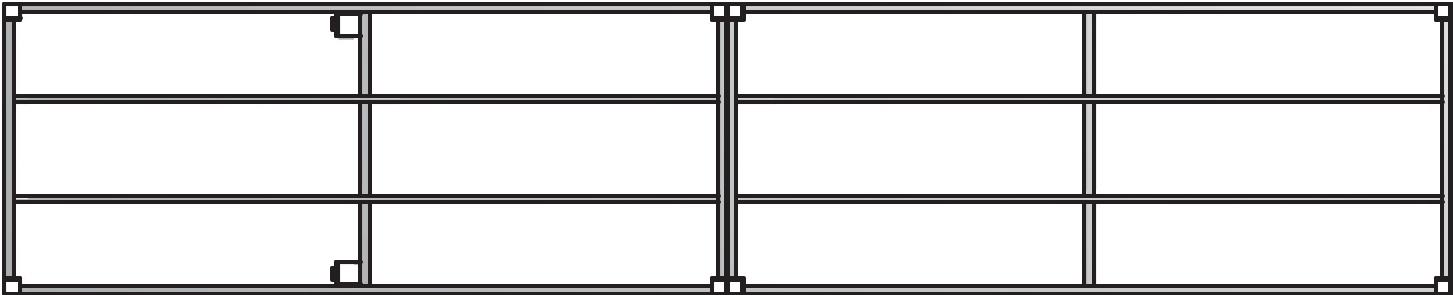
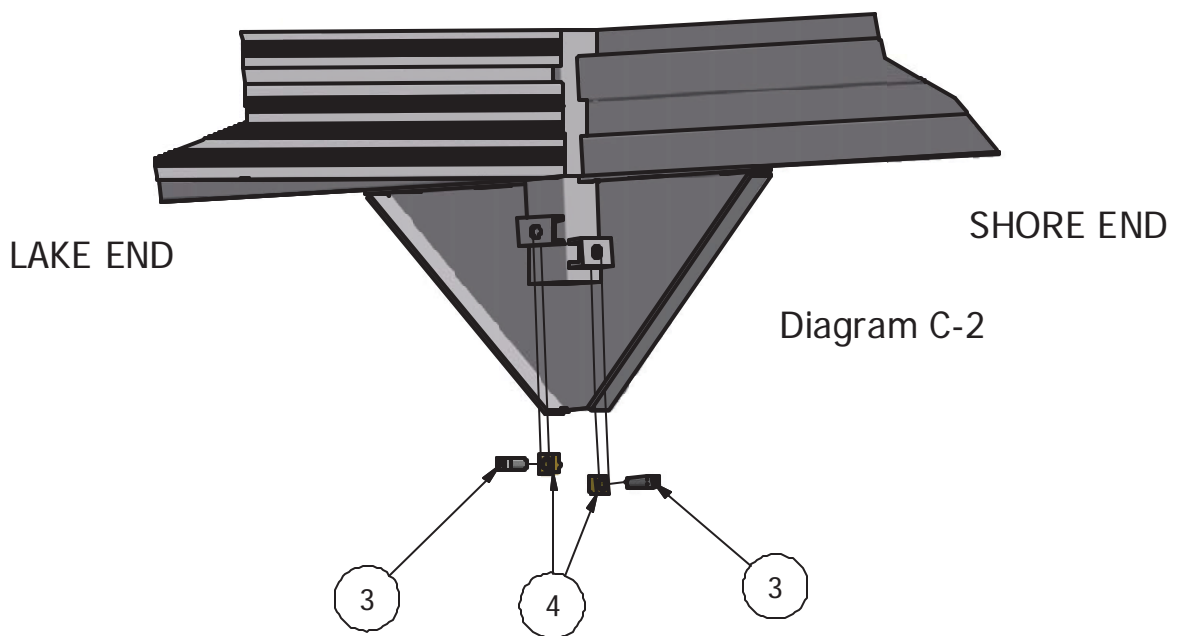
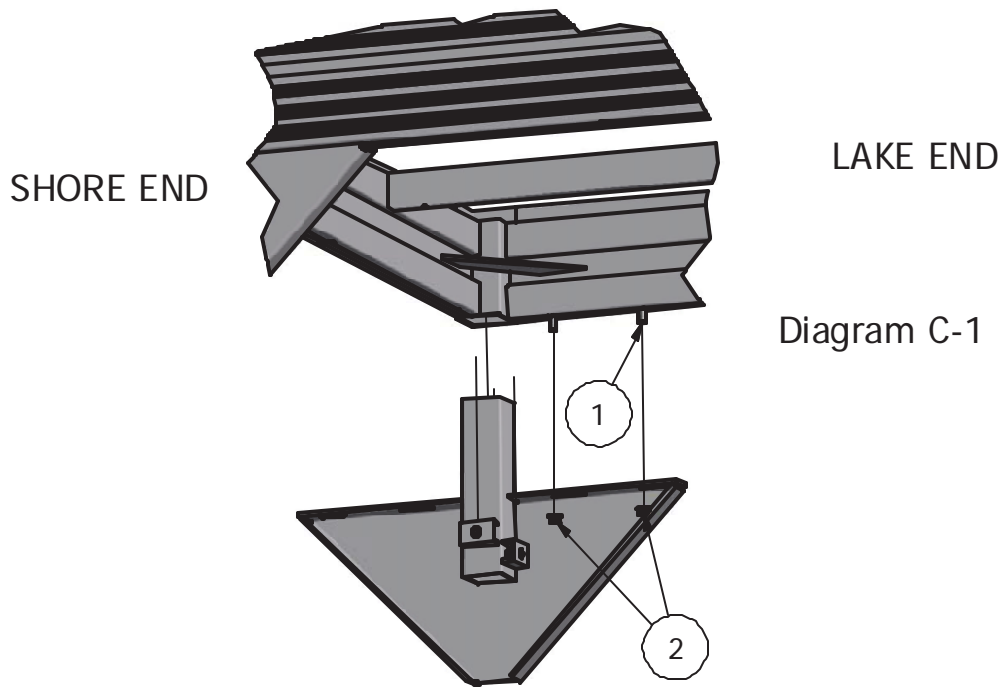




Diagram C



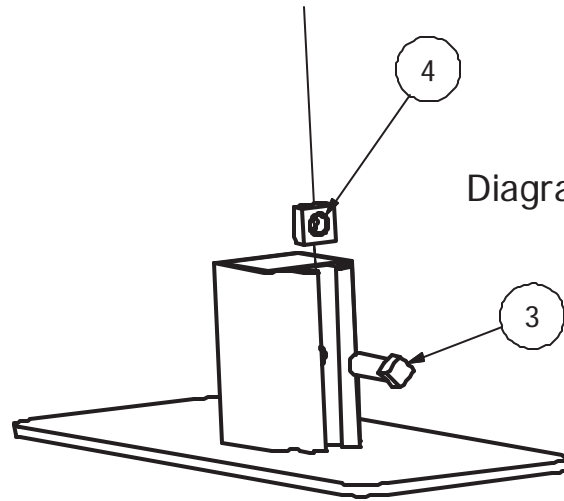


Diagram C-3

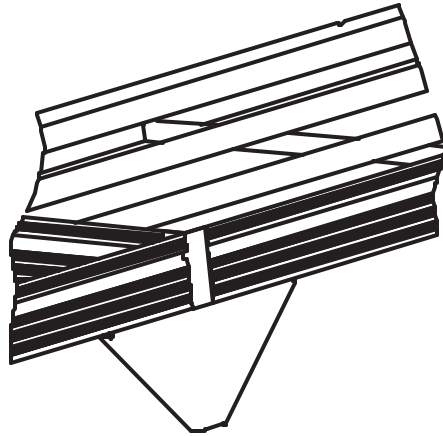


Diagram C-4

Diagram D-1

LAKE END

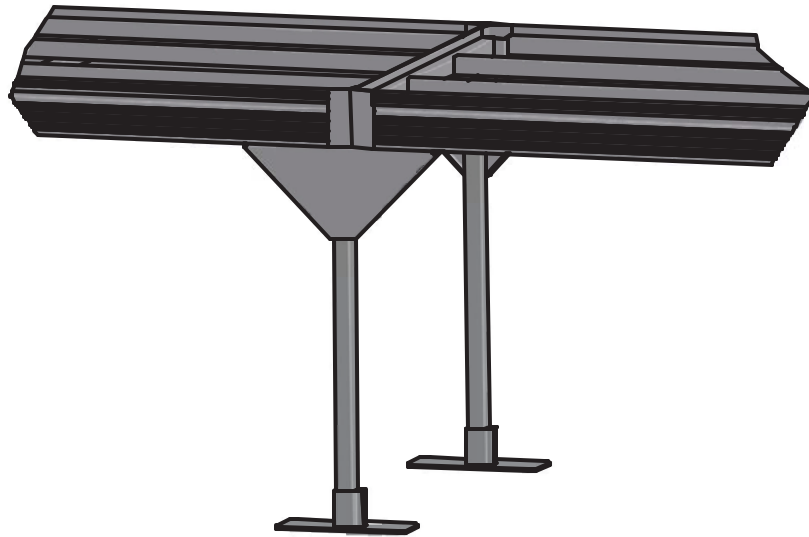
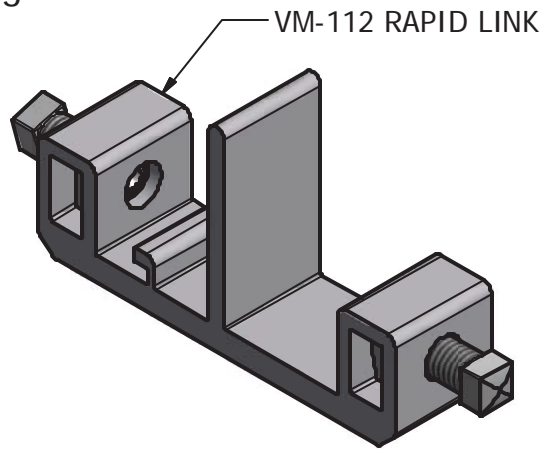


Diagram D-1



NOTE:
ONLY USED IF HOOKING
UP MULTIPLE DOCKS.

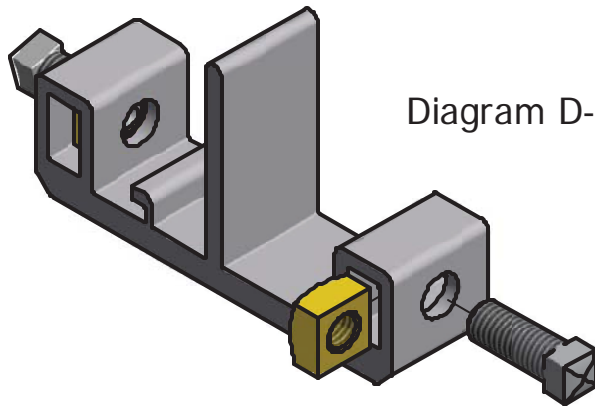
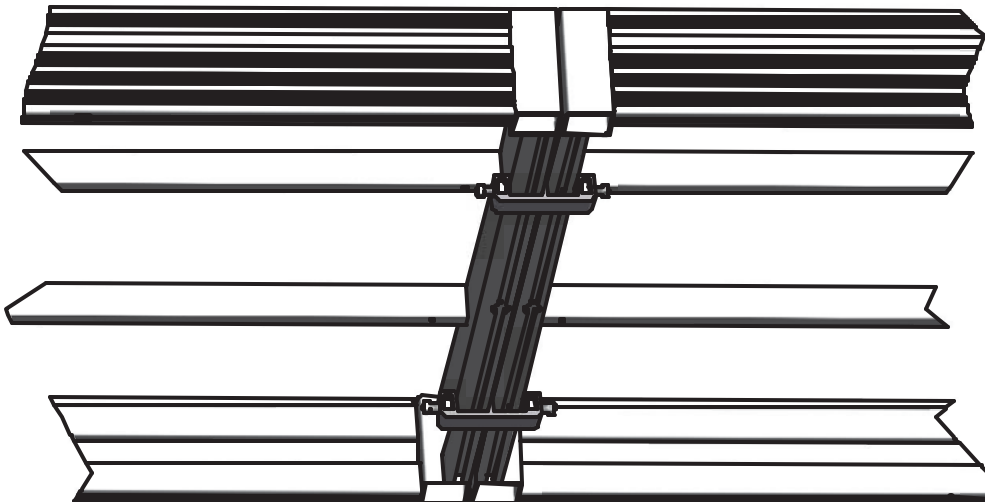


Diagram D-3



- 27)** Repeat steps 24-26 for second Rapid Link bracket.
- 28)** Dock can now be tipped upright at this time. Dock can be rolled into water at this time or next frame can be added on first (depending on dock layout going with and lot conditions) before rolling out.
- 29)** Roll dock set up into desired location. Using tape measure and level set screw legs (using 15/16" wrench or socket) and add-on legs to desired height; level dock frames and tighten all set bolts to legs.
- 30)** Recheck all hardware to make sure all in place and are tight.
- 31)** Dock panels can now be installed. Some panels may need to be notched for dock legs depending on dock leg position.
- 32)** Install vinyl caps onto screw legs if above deck. ****
- 33)** If dock legs for add-on legs are above deck install vinyl caps on these also. ****

***keep in mind screw legs are shipped fully compressed, you will need to screw the leg out some to have adjustment for water fluctuation.**

****using VM-025 A- standard leg kit or VM-128 for shallow water**

*****dock leg sold separately, length needs to be determined at installation site.**

******if dock legs are mounted under deck caps won't be used**