

# CanadaDocks<sup>TM</sup>



Where *fun* on the water *begins!*



## Assembly Instructions for 16' Roller Ramp

Read this manual and related assembly instructions before attempting to assemble the parts enclosed to ensure that your new CanadaDocks System is assembled safely and correctly.

# PRODUCT WARRANTY

- CanadaDocks Inc. Warrants all products to be free of defects in workmanship and material under normal conditions and for which use they are intended. CanadaDocks Inc. Shall not be liable for any incidental, consequential or special damages, without limitation any lost profits, business interruption, loss of opportunity or loss of revenue, resulting from the misuse of CanadaDocks Inc. Products and does not assume any liability of purchaser or others for injury to persons or property. CanadaDocks Inc. Makes no express or implied warranties other than the warranties set forth herein, including without limitation, the warranties of merchantability, fitness for a particular purpose, or from any trade usage.
- CanadaDocks Inc. Warrants its CanadaDocks Roller Ramp, purchased new, to be free of defects in its structure for 5 years. This warranty covers defective parts on the CanadaDocks aluminum Stringers only (cross members, square aluminum legs and bracing). Any defective product must be returned with a Return Goods Authorization # before being delivered to CanadaDocks Inc. A copy of the original sales receipt must accompany all claims. The freight on the defective goods is the responsibility of the consumer. Obligation under this warranty is limited to repair, replacement, or credit for the defective product, provided that CanadaDocks Inc. Determines that the product defect was not the result of misuse or neglect. Freight on the repaired or replaced products is the responsibility of the consumer.
- Some States and/or Provinces do not allow the limitation of incidental or consequential damages or on the duration of an implied warranty so the above limitations or exclusions may not apply to you. This warranty may vary from State to State or Province to Province. This warranty gives you specific legal rights and you may also have other rights which vary from State to State or Province to Province.
- This warranty does not extend to anyone except the original buyer. This warranty does not apply to wobble wheels, winch, winch strap and clasp, fasteners, hardware, galvanized inner tubing for legs, and footpads. Labour is not covered by warranty.
- Before installing your CanadaDocks Roller Ramp examine the lake bottom carefully to ensure that the lake bottom is stable where the feet or bottom of the stringers of the CanadaDocks Roller Ramp will rest. Always wear clothing appropriate to conditions when installing, repairing or removing your CanadaDocks Roller Ramp. Monitor children carefully on or about the Roller Ramp. It is the owner's responsibility to inspect and properly maintain the Roller Ramp and surrounding area.
- The Roller Ramp is rated to take, evenly spread, up to 2500 lbs (1134 kilograms) in weight per 16' section. CanadaDocks Roller Ramp capacity is based on the total weight of the boat, motor, gasoline, and extras. Do not overload the Roller Ramp. Your warranty will not apply if your CanadaDocks Roller Ramp is improperly assembled. This warranty does not apply to damage caused by improper installation, overloading, impact by boats or other objects in the water, damage by severe weather conditions including snow or ice, or other Acts of God. CanadaDocks Inc. Recommends removing the Roller Ramp for winter storage. The warranty will not extend to repairs made by anyone other than CanadaDocks Inc.
- Water conditions can vary significantly from one body of water to another, including differences in acidity, mineral content, and overall water chemistry. As a result, some discoloration, oxidation, or surface rusting may occur over time. These effects are a natural result of environmental exposure and are beyond manufacturer control. Therefore, as a natural result of environmental exposure, it is not covered under warranty.
- To receive more information or to service the obligations under this warranty, contact CanadaDocks Inc. at 1-877-434-0359 or the following mailing address:  
CanadaDocks Inc.™ 3690 Adjala-Tecumseth Townline RR2 Beeton, Ontario Canada L0G 1A0  
Website: [www.canadadocks.ca](http://www.canadadocks.ca)  
Email: [info@canadadocks.ca](mailto:info@canadadocks.ca)

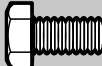
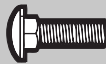
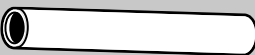
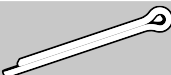
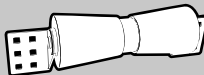
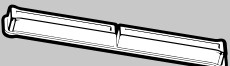
## TRADEMARK

CanadaDocks ™ logo is a trademark of CanadaDocks Inc.

**IN ORDER TO VALIDATE PLEASE VISIT OUR WEBSITE:**

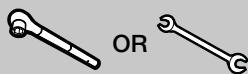
[www.canadadocks.ca/warranty](http://www.canadadocks.ca/warranty)

## INCLUDED IN KIT:

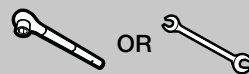
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| ISR1   |    | 2x  | ISR2        |   | 2x  |              |                                                                                       |     |
| B3     |    | 18x | W7838       |    | 38x | RRE1         |    | 1x  |
| B2525  |    | 4x  | WG278       |    | 32x | RAA1         |    | 2x  |
| B175   |    | 16x | RRTB        |    | 2x  | RRN1         |    | 1x  |
| B214   |    | 4x  | RRCB1       |    | 4x  | RRWS1        |    | 1x  |
| B575   |    | 8x  | CAB1        |    | 8x  | RRC1         |    | 2x  |
| CB15S  |    | 10x | WSB1        |    | 4x  | RRW1         |    | 16x |
| CB25S  |    | 1x  | RKB2 (Left) |    | 4x  | RKB1 (Right) |    | 4x  |
| CB35S  |    | 2x  | RLB1        |    | 2x  | AK1          |    | 4x  |
| SRA1   |   | 8x  | GL17        |  | 2x  | CPP2         |   | 16x |
| NLN38  |  | 8x  | RRLR        |  | 1x  | RRMB1        |  | 2x  |
| NLN25  |  | 4x  | FTP1        |  | 2x  | SCAP1        |  | 1x  |
| NL38   |  | 43x | RREC2       |  | 2x  | RR-WINCH     |  | 1x  |
| EMTCAP |  | 2x  | RREC3       |  | 2x  |              |                                                                                       |     |
| RREC1  |  | 2x  |             |                                                                                     |     |              |                                                                                       |     |

## TOOLS REQUIRED:

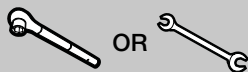
5/16" SOCKET WITH RATCHET TO  
SUIT OR 5/16" WRENCH



9/16" SOCKET WITH RATCHET TO  
SUIT OR 9/16" WRENCH



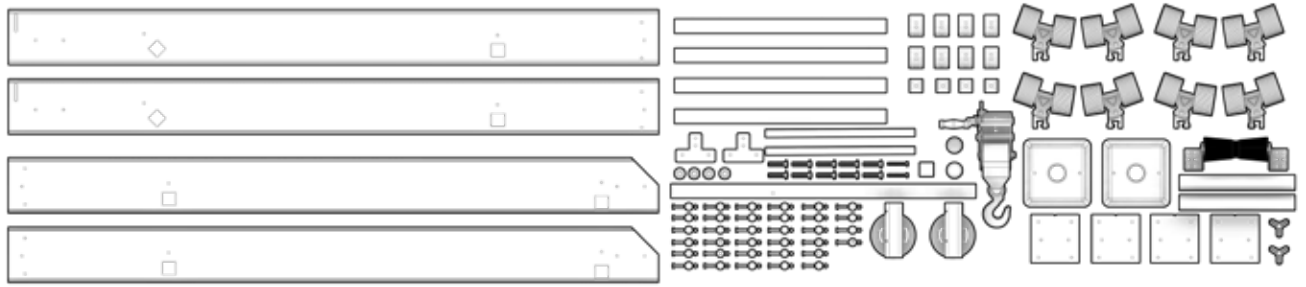
7/16" SOCKET WITH RATCHET TO  
SUIT OR 7/16" WRENCH



NEEDLE-NOSE PLIERS

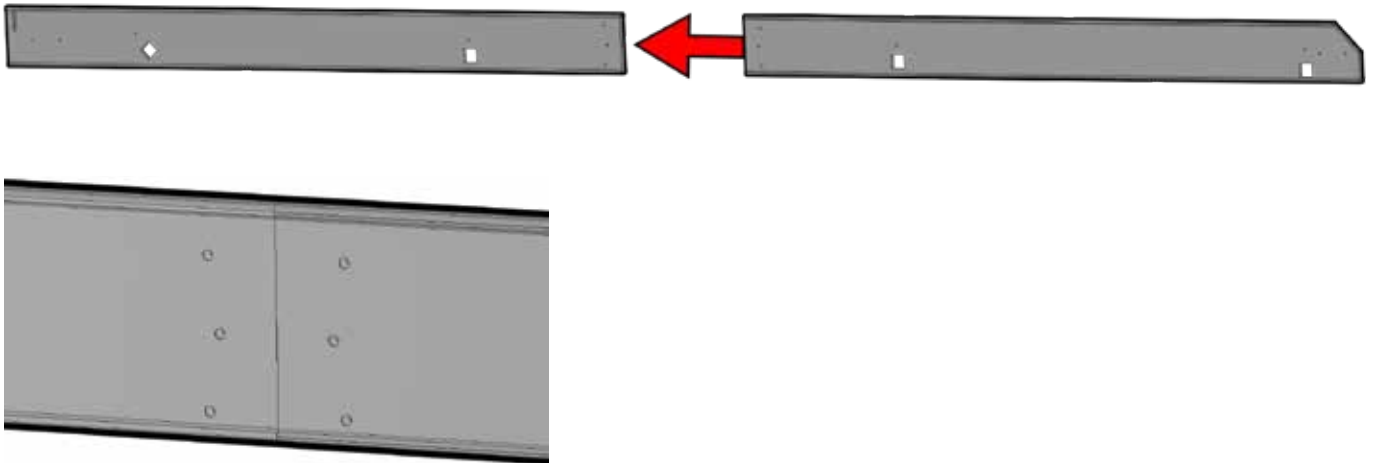
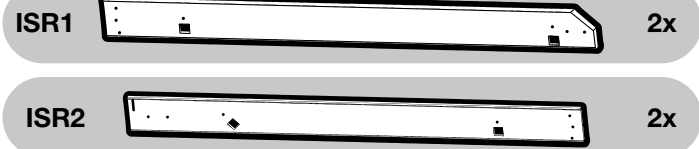


1



Lay out your roller ramp components in a flat area for assembly.

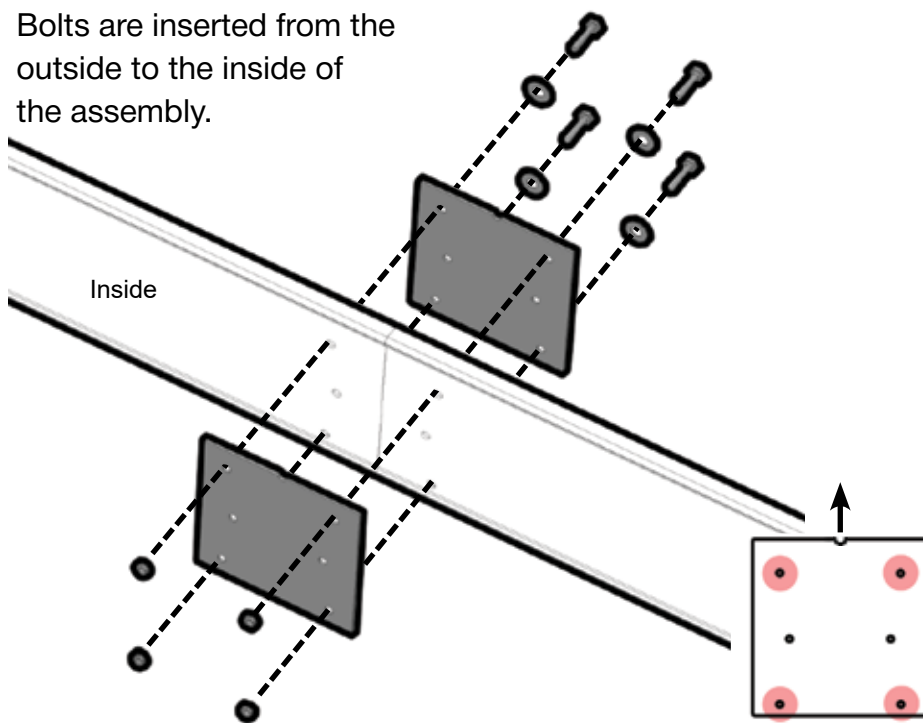
2



Connect both support rails together. Repeat **STEP 2** for the final supports on the opposite side of the roller ramp.

# 3

Bolts are inserted from the outside to the inside of the assembly.



B175  8x

W7838  8x

RRCB1  4x

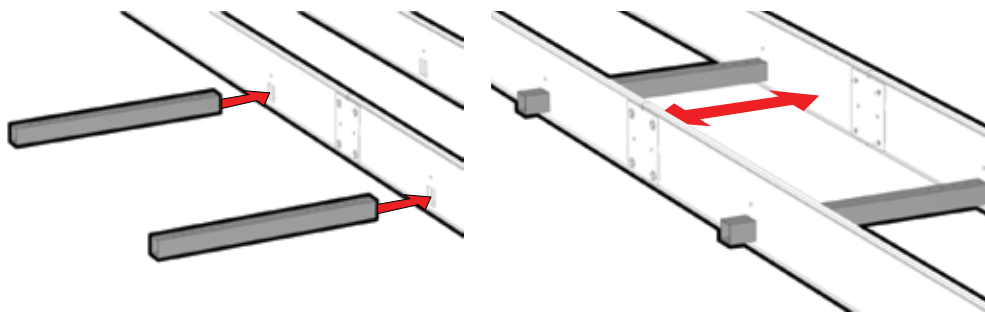
NL38  8x



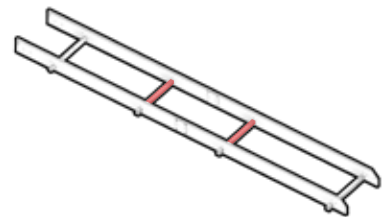
Fasten support rails together using the connection bracket (**RRCB1**). Repeat **STEP 3** for the other rail assembly.

# 4

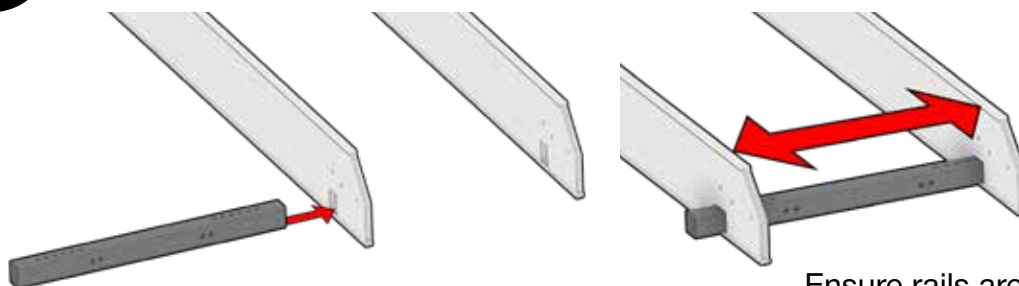
Insert the cross arms into the support rails. Ensure all cross arms are evenly spaced between the support rails.



RRA1  2x

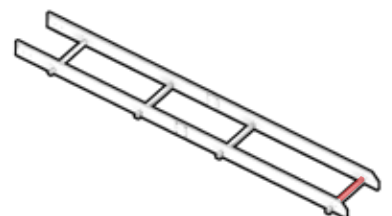


# 5

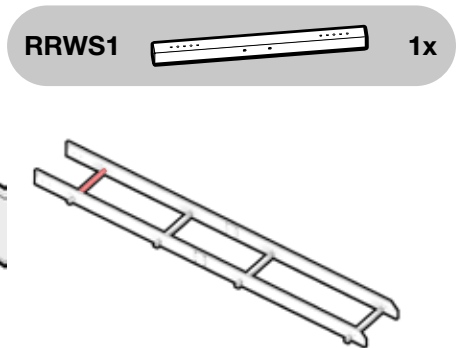
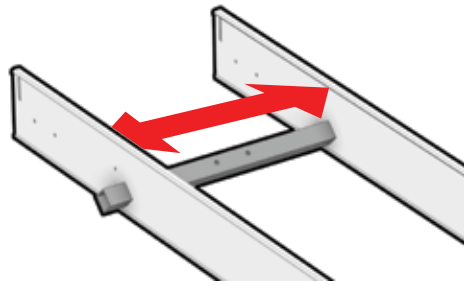
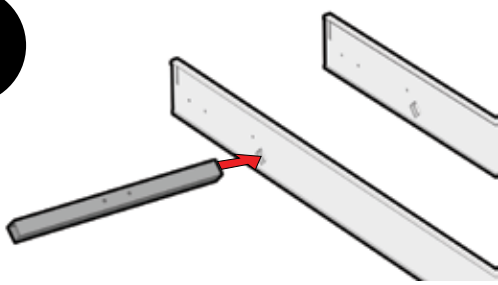


RRE1  X1

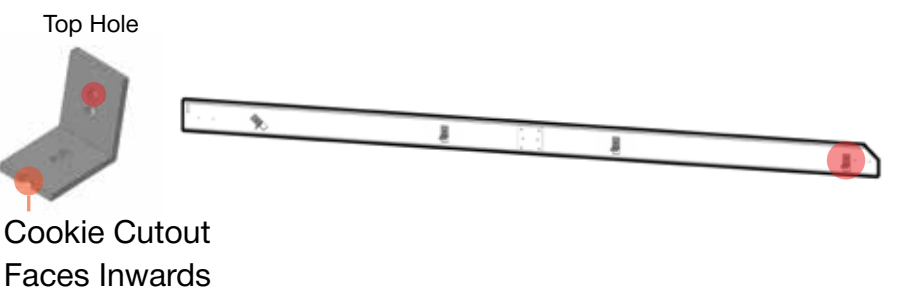
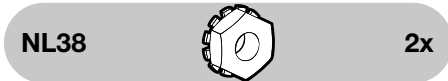
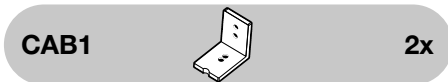
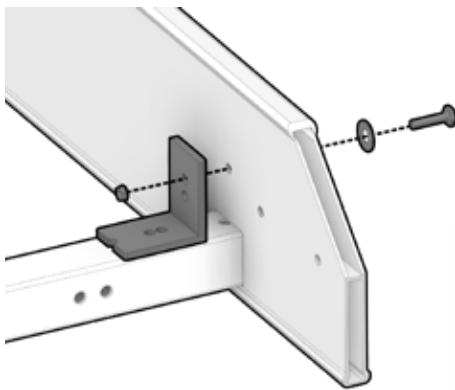
Ensure rails are of equal distances



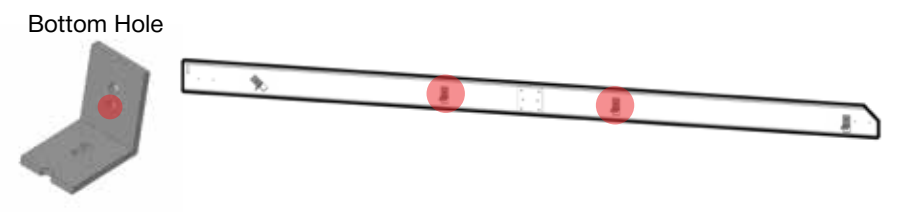
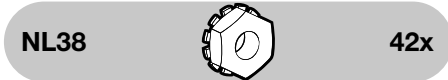
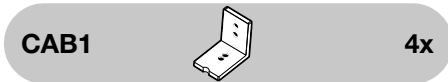
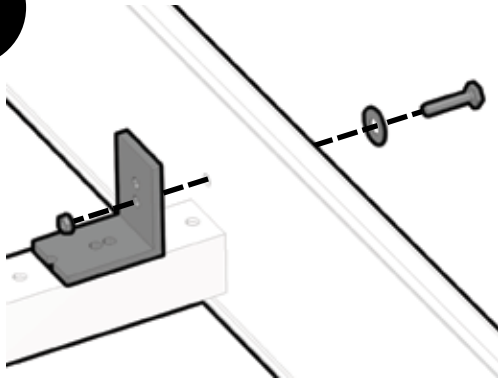
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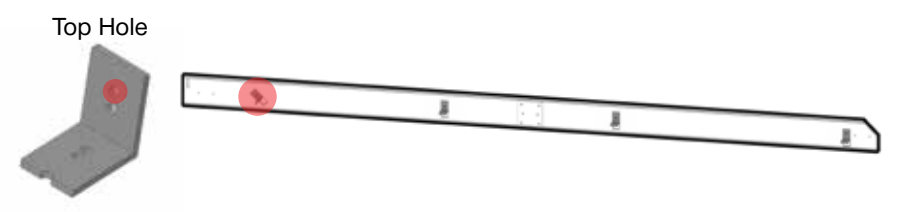
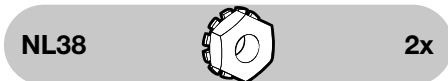
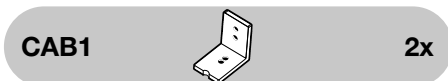
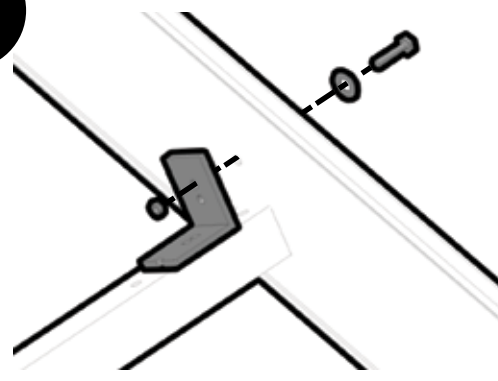
7



8



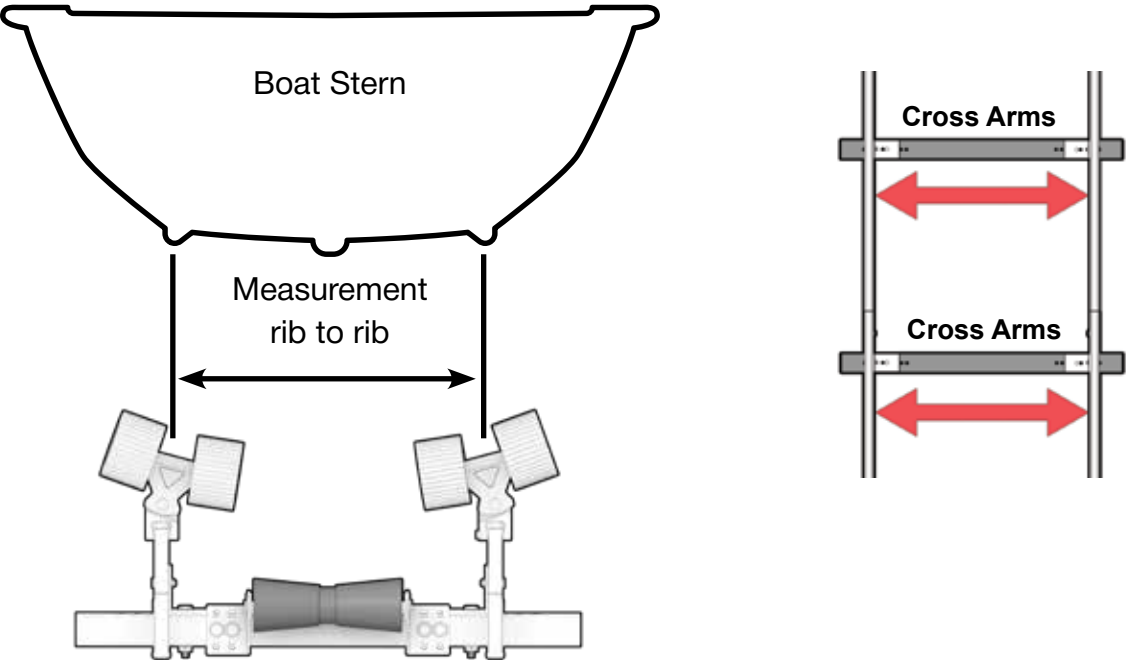
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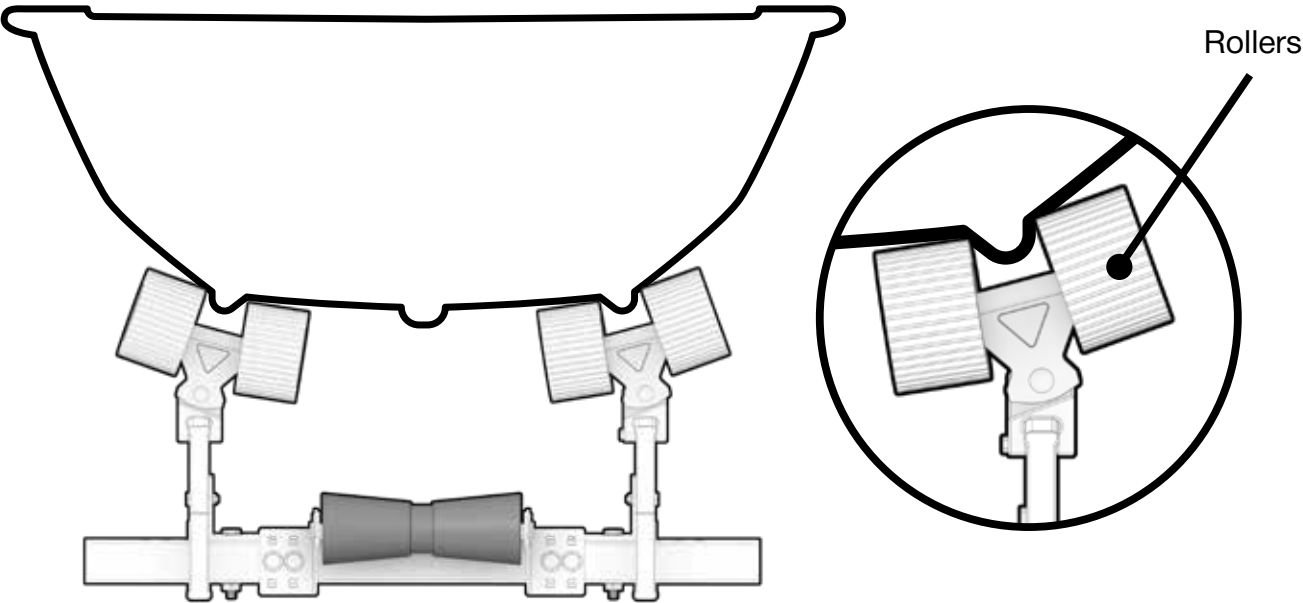
Repeat **STEPS 7-9** on the opposite end of the cross arms. Ensure the bolts are inserted from the outside to the inside.

10

The width of the roller ramp can be modified depending on the width boat that it will carry. To determine the width you need measure the bottom of your boat's hull from rib to rib (see image below). Spread the cross arms evenly on the roller ramp to match this measurement. Make sure the boat's ribs rest between the rollers on the roller ramp after assembly.

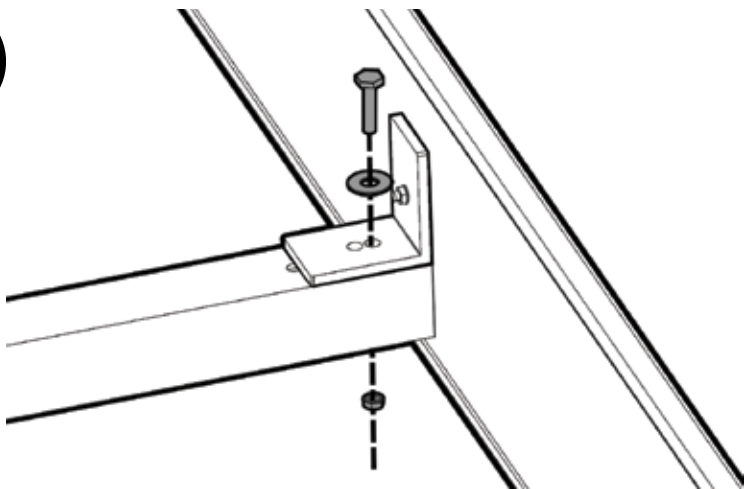


Slide and measure from the center of both support rails matching the width of your boat (rib to rib).



After the roller ramp has been completely assembled ensure that the boats ribs rest between the rollers on the roller ramp.

# 11

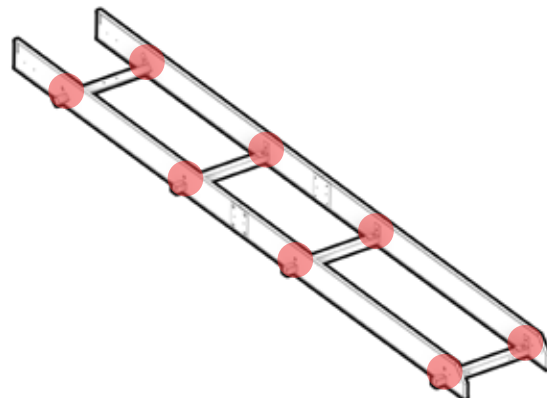


B3  8x

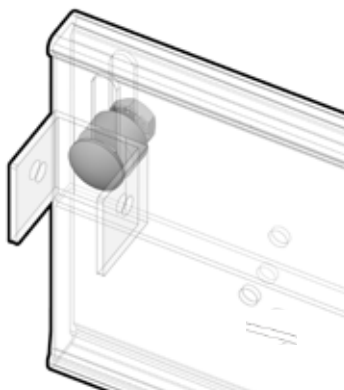
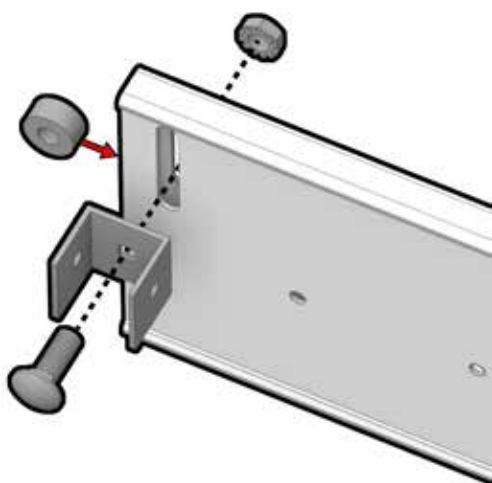
W7838  8x

NL38  8x

After determining the width of the ribs on your boat and adjusting the cross arms accordingly, fasten each side of the cross arms.



# 12

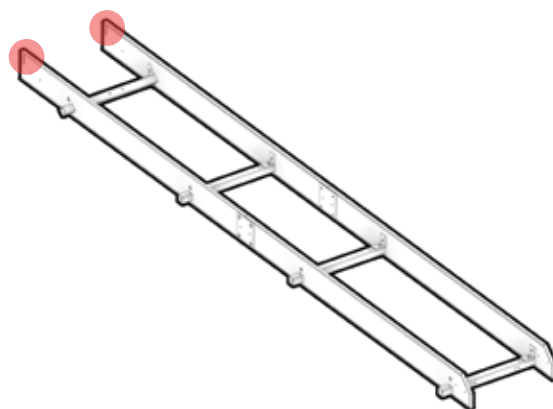
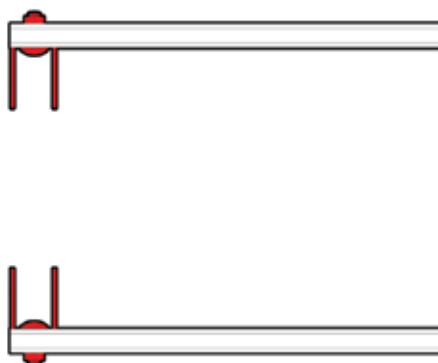


NL38  2x

WSB1  2x

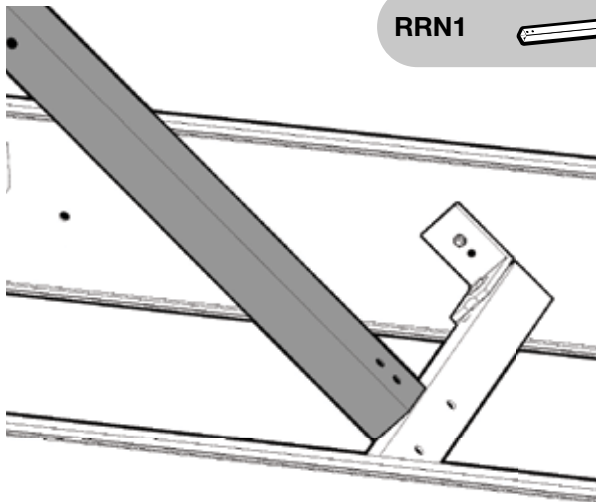
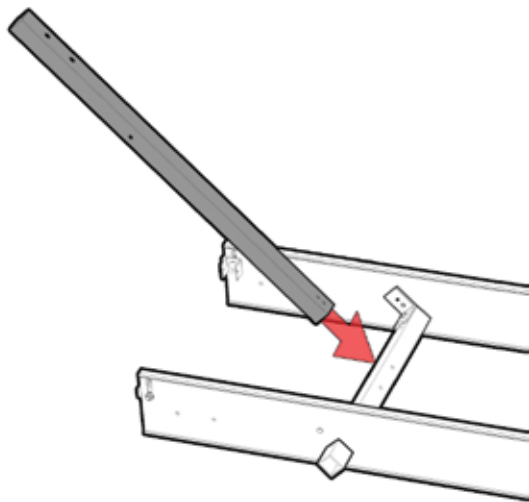
CB15S  2x

RRMB1  2x



Follow **STEP 12** for the bracket assembly on both sides of the frame. Ensure that the brackets (**WSB1**) face each other inside the assembly. (**See image above**) Keep the bracket bolts loose as they may require adjustments when adding components for **STEP 16**.

13

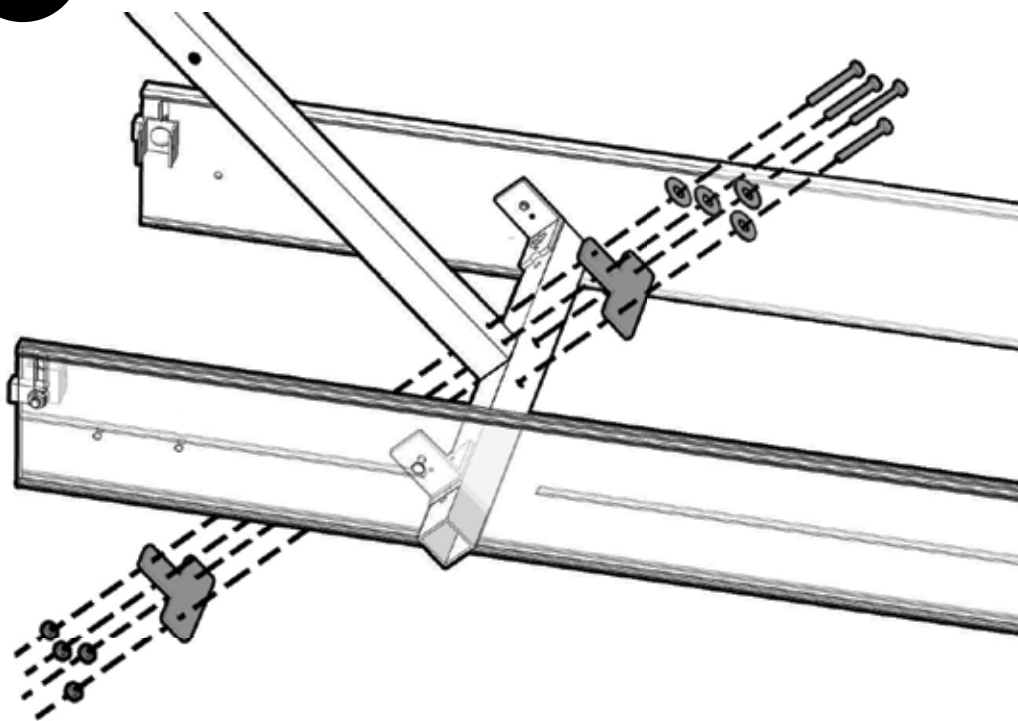


RRN1



1x

14



B3



4x

RRTB



X2

NL38

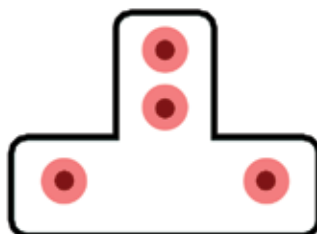
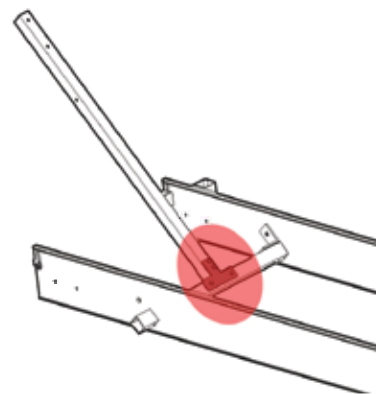


4x

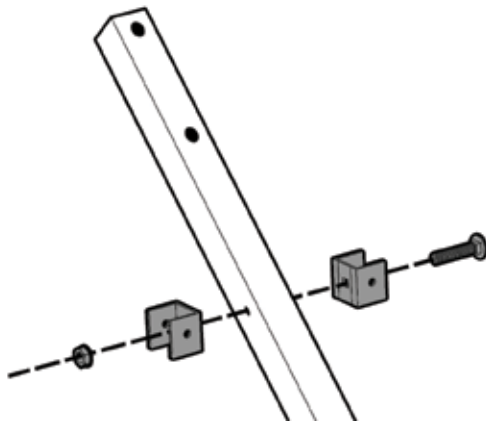
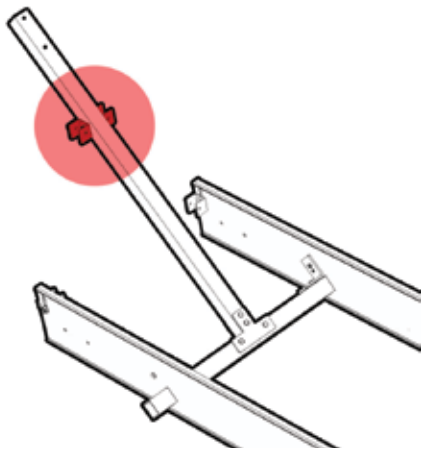
W7838



4x

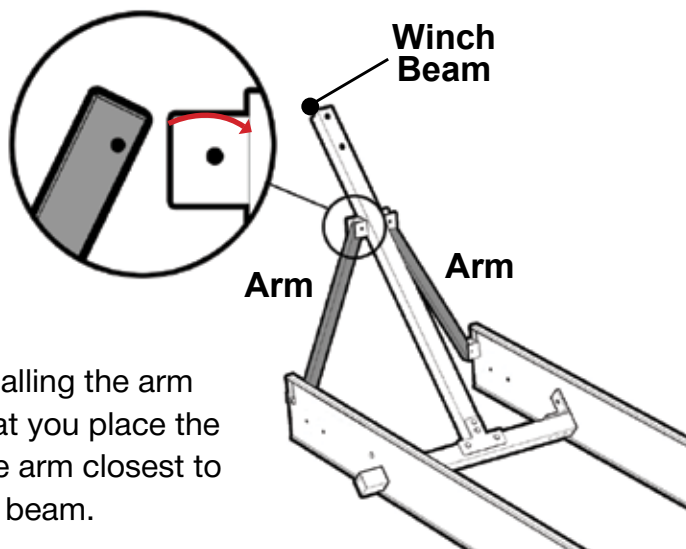


15



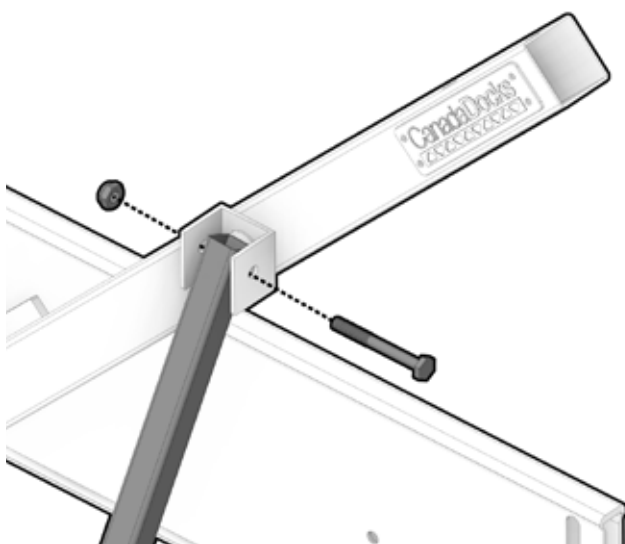
|       |                                                                                     |    |
|-------|-------------------------------------------------------------------------------------|----|
| CB25S |   | 1x |
| WSB1  |  | 2x |
| NL38  |  | 1x |

16



|       |                                                                                     |    |
|-------|-------------------------------------------------------------------------------------|----|
| B2525 |  | 2x |
| RRC1  |  | 2x |
| NLN25 |  | 2x |

**PLEASE NOTE:** When installing the arm ensure that you place the hole of the arm closest to the winch beam.



Follow **STEP 16** for both arms of the winch beam.

# 17

Align the bracket hole with the arm hole, insert and tighten the bolt. Repeat **STEP 17** for the second arm.

B2525

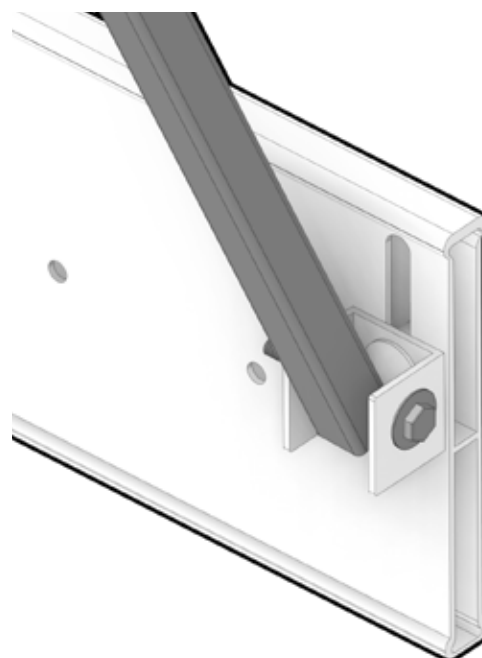
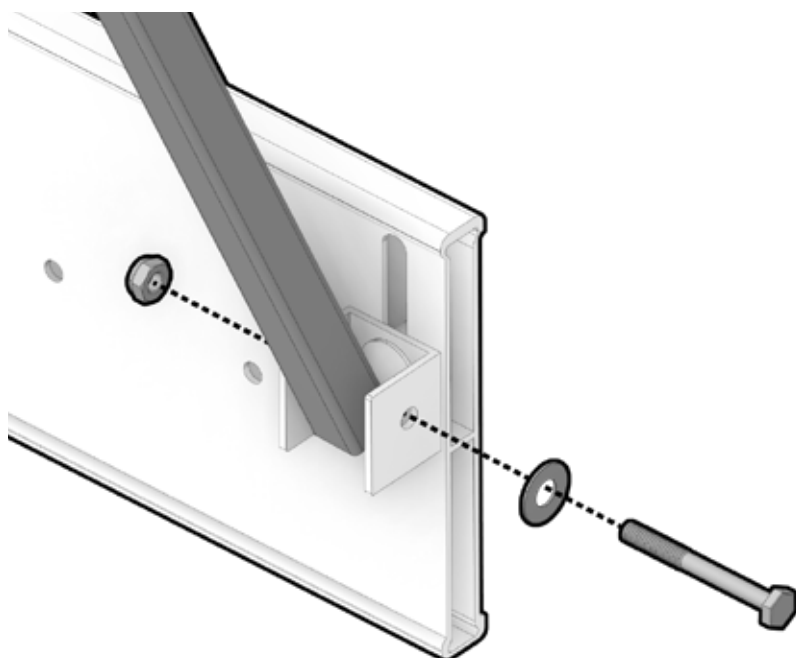
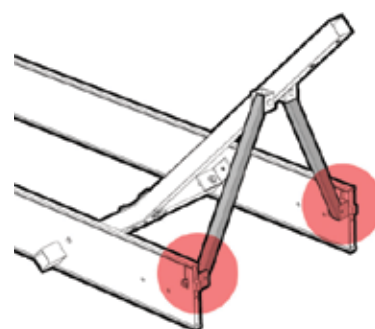
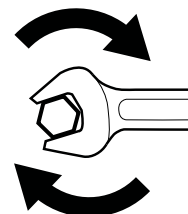
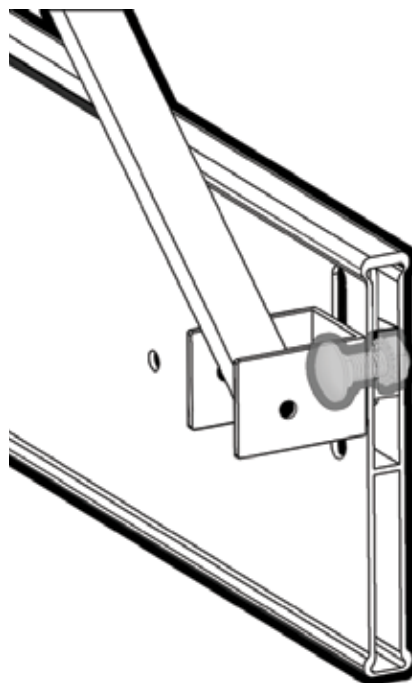
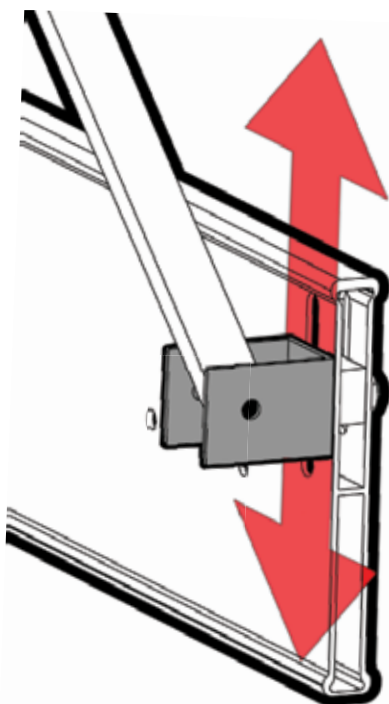


2x

NLN25

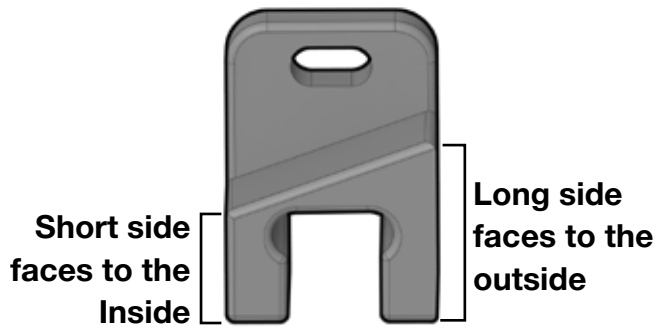


2x



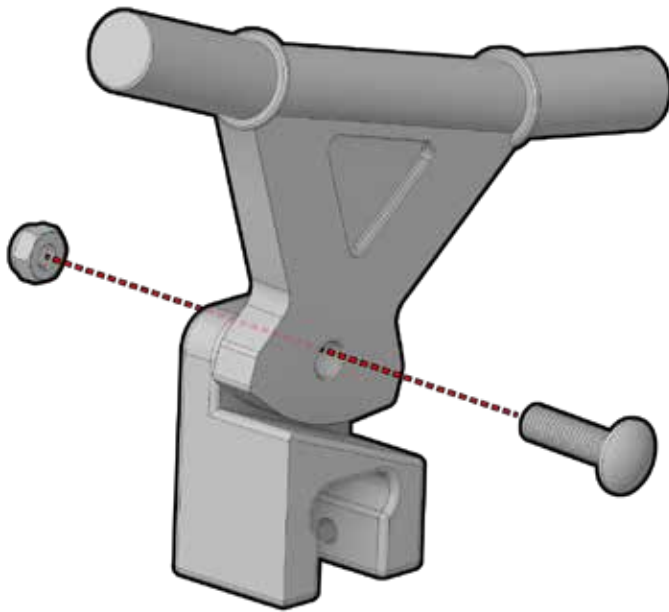
# 18

Construct 8x wheel bracket assemblies.

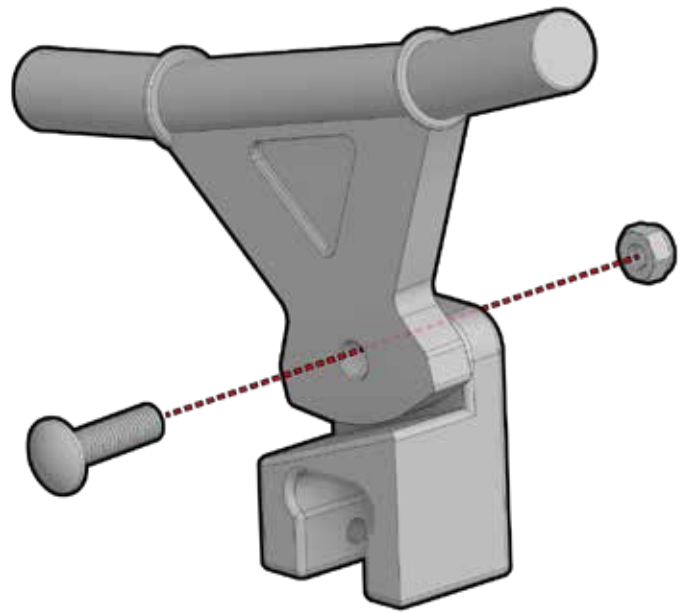


|              |                                                                                     |    |
|--------------|-------------------------------------------------------------------------------------|----|
| NLN38        |   | 8x |
| SRA1         |  | 8x |
| RKB2 (Left)  |  | 4x |
| RKB1 (Right) |  | 4x |
| CB15S        |  | 8x |

Left (port) Side 4x



Right (starboard) Side 4x



# 19

Install wheels and provided washers onto the axles (SRA1). Repeat **STEP 19** for all 8 slide roller assemblies.

RRW1

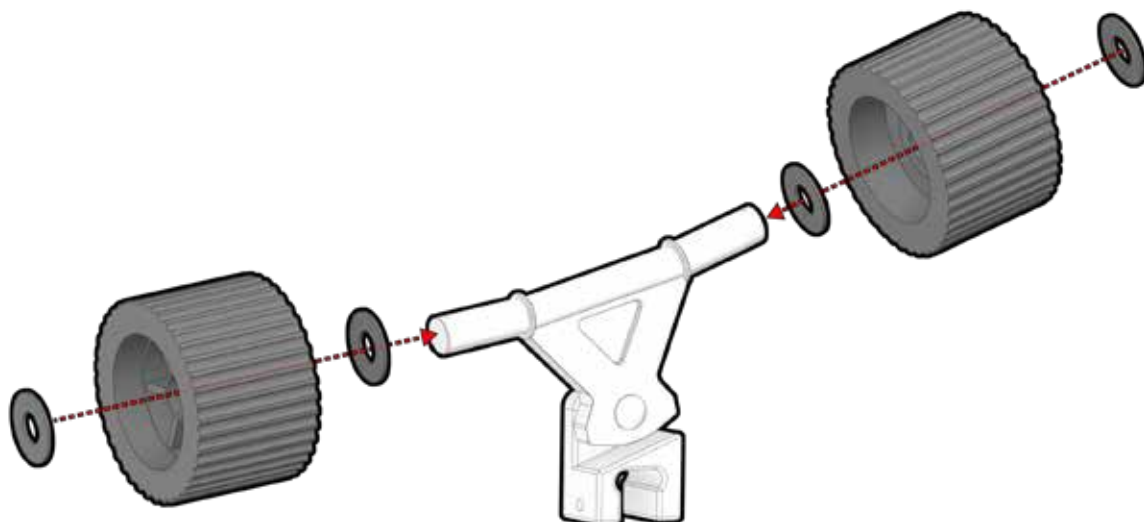


16x

WG278



32x



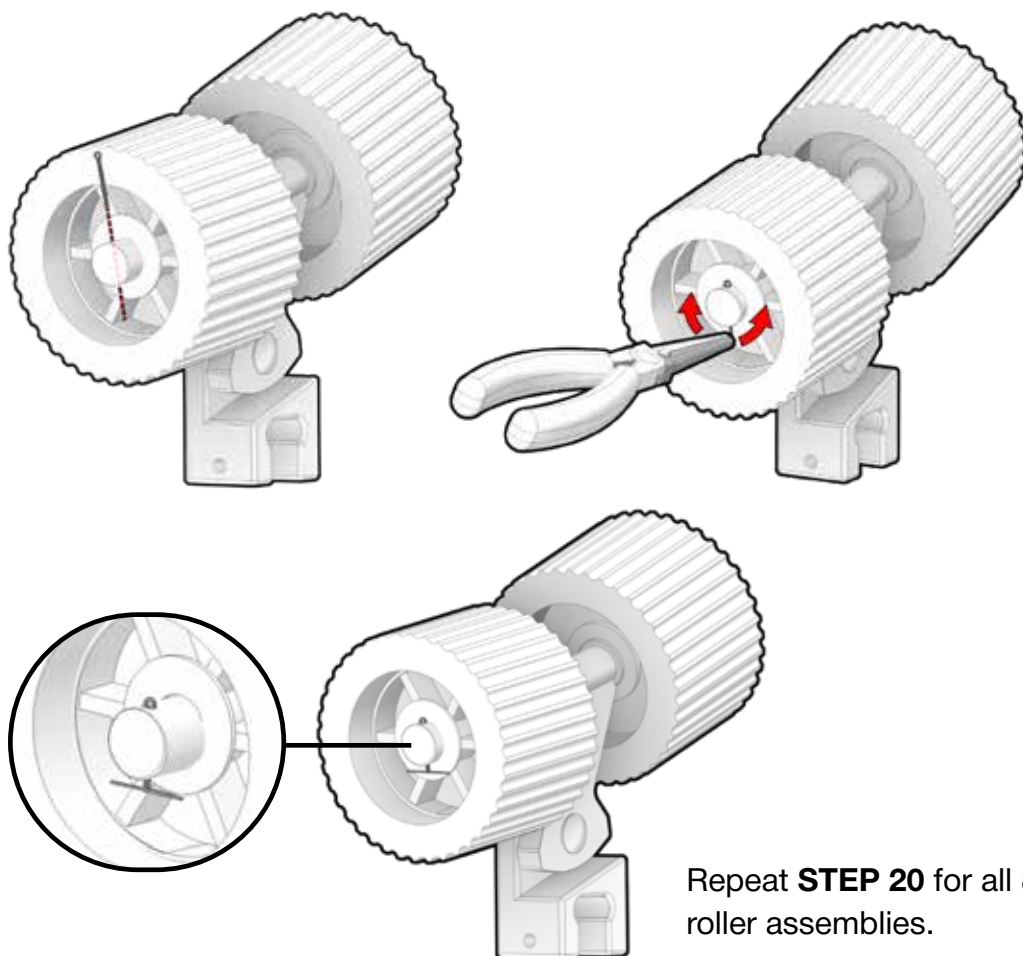
# 20

Ensure you bend both cotter pins on the sides of **each wheel** to secure it.

CPP2

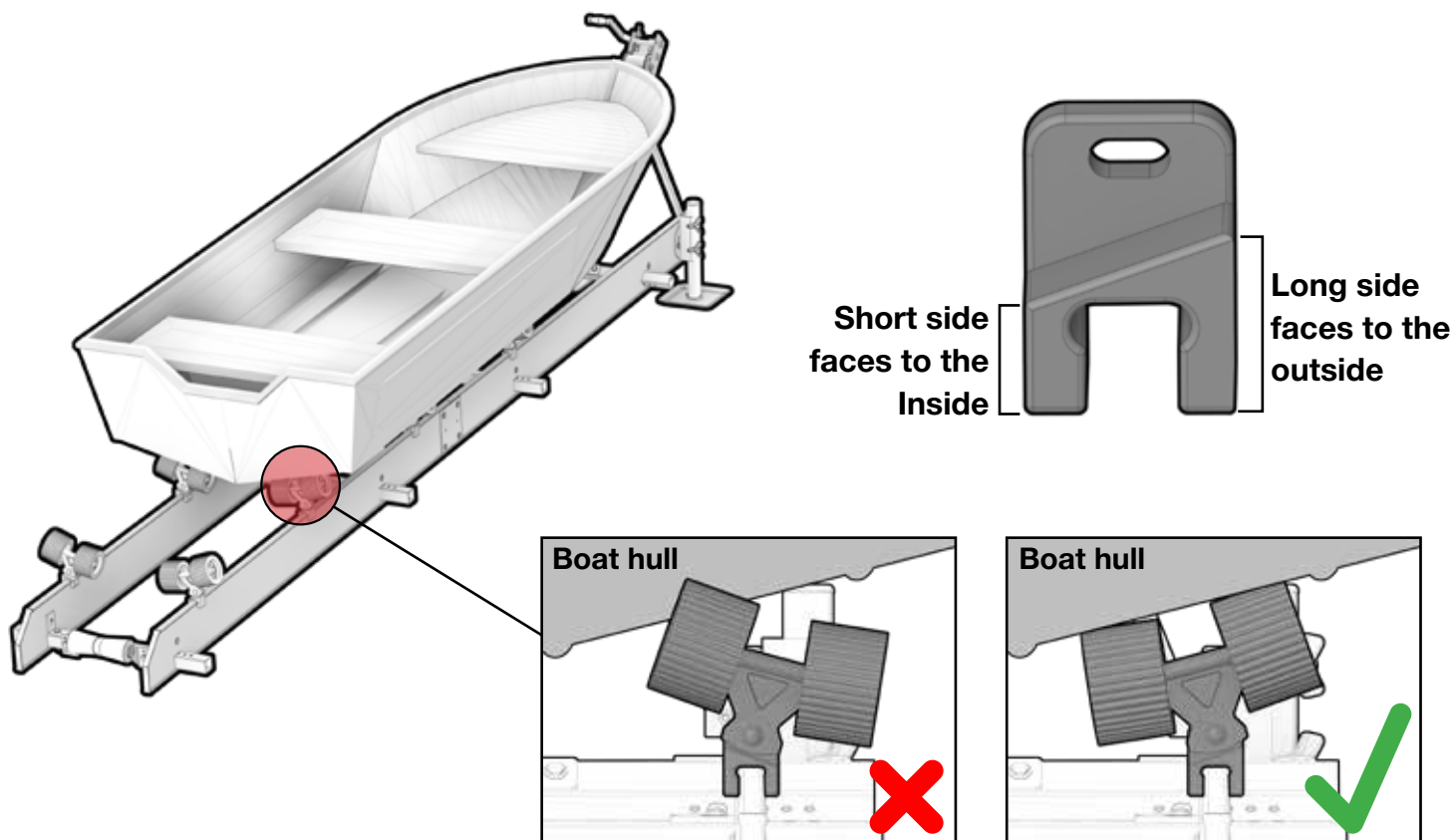


16x



Repeat **STEP 20** for all 8 slide roller assemblies.

**ATTENTION:** If wobble wheels are installed on the wrong side of the roller ramp, they may damage your boat's hull (see below).



If the boat is then lowered without correcting the wheel assembly as shown above, it may cause damage to the wheel assembly and hull of the boat or PWC.

To correct this, reinstall the assemblies on the proper sides:

Roller Wheel Assemblies:

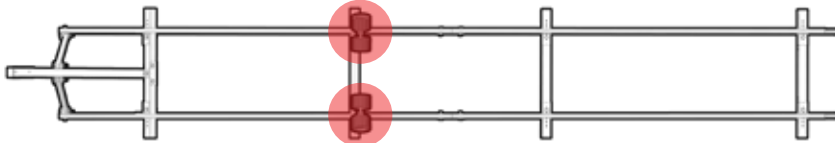
**Slide Roller W/ RKB1**  = Right (Starboard) Side Rails

**Slide Roller W/ RKB2**  = Left (Port) Side Rails

**PLEASE NOTE:** Ensure Roller Assemblies are installed on the correct rails before use.

# 21

Right (Starboard) **RKB1**



Left (Port) **RKB2**

Slide Roller  
W/ RKB1

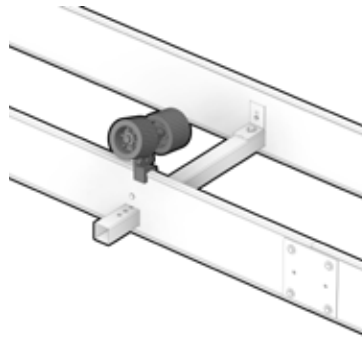
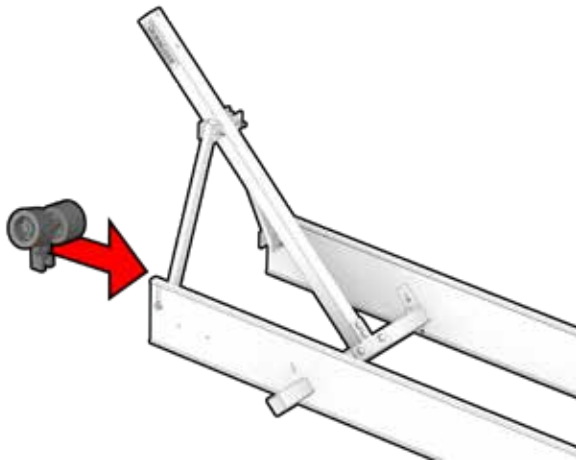


1x

Slide Roller  
W/ RKB2

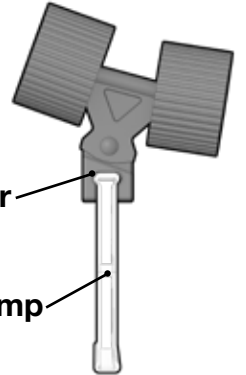


1x



Slide Roller  
Assembly

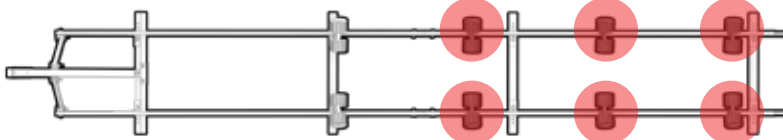
Roller Ramp  
Frame



Position a slide roller assembly onto the roller ramp track, aligning the bottom key (see image above). Repeat **Step 21** for the opposite track.

# 22

Right (Starboard) **RKB1**



Left (Port) **RKB2**

Slide Roller  
W/ RKB1

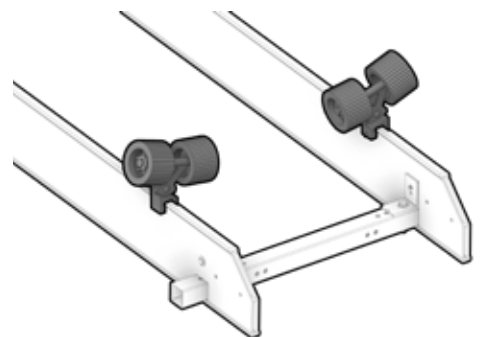
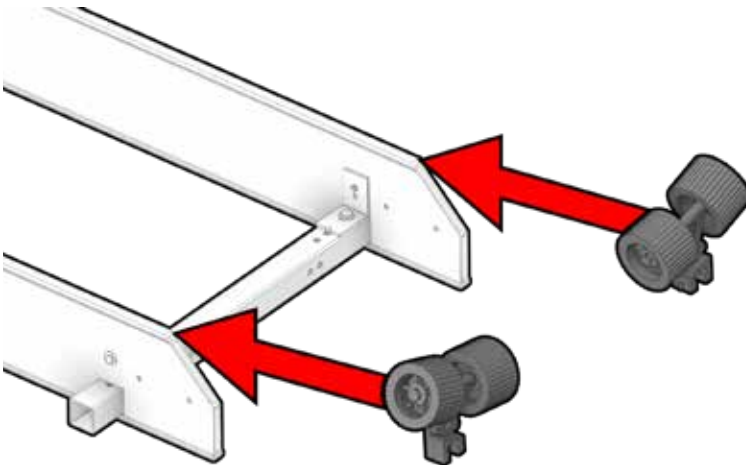


1x

Slide Roller  
W/ RKB2



1x

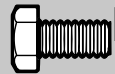


Position a slide roller assembly onto the roller ramp track. Install additional rollers on the same side, spacing them approximately 30" apart, with the final roller 2-3" from the end. Repeat **Step 22** for the opposite track.

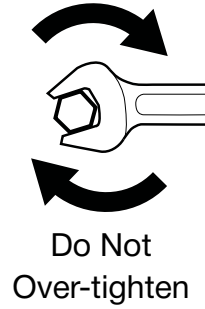
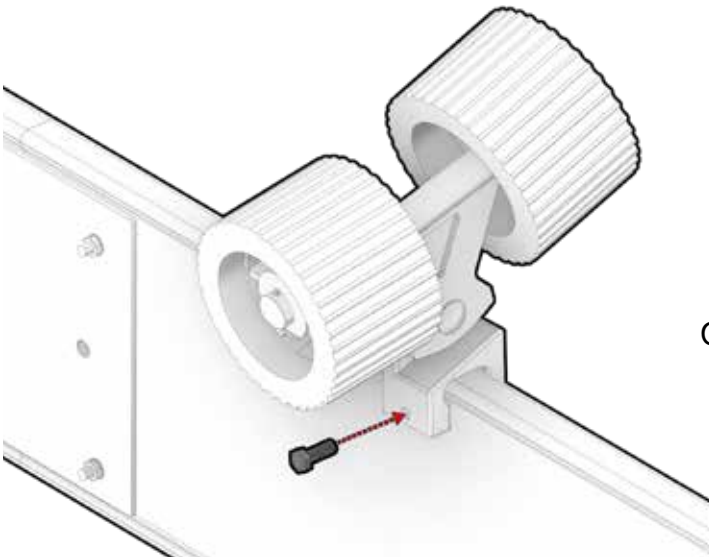
23

After Sliding each slide roller assembly in place, tighten the bolt for each as seen below.

B575

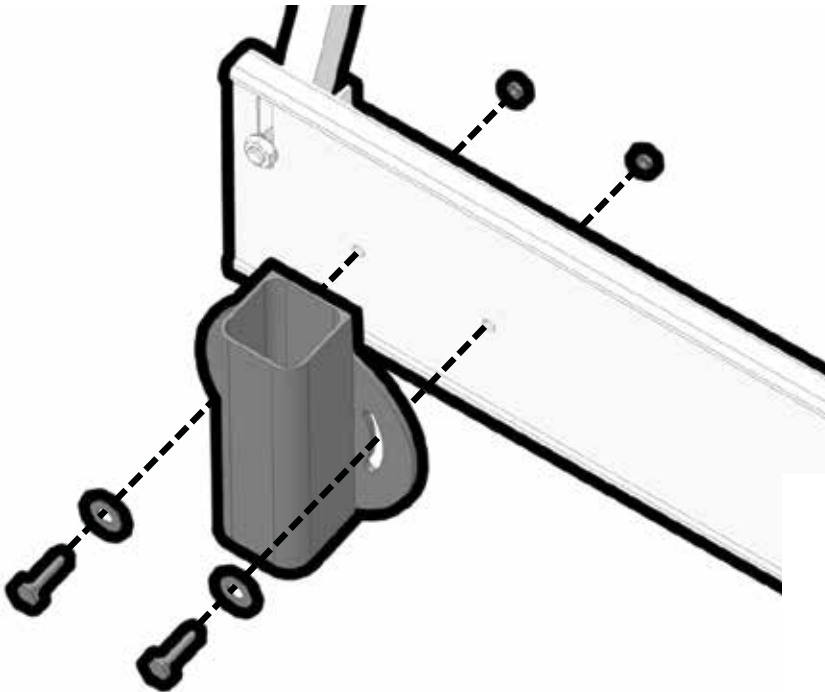


8x



Repeat **STEP 23** for all 8 slide roller assemblies.

24



NL38



4x

W7838



4x

B214



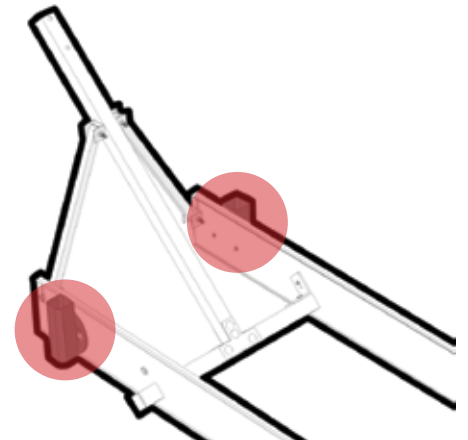
4x

RLB1



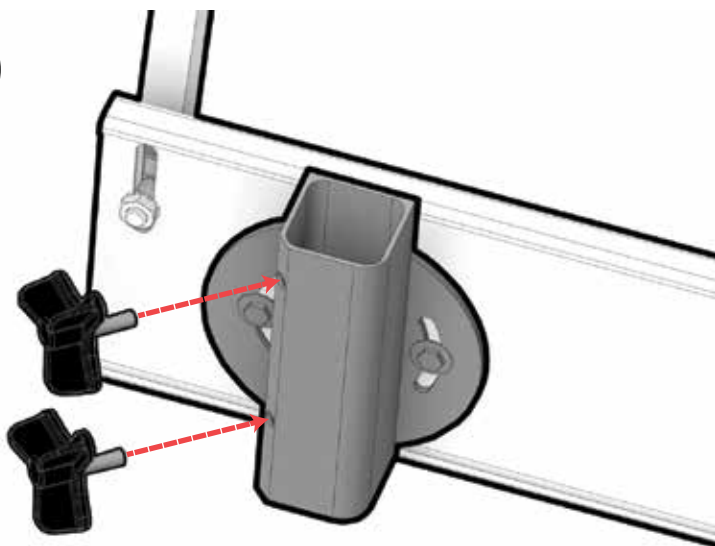
2x

Follow **STEP 24** for both sides of the roller ramp



PLEASE NOTE: Additional leg brackets may be required between **ISR1** and **ISR2** if the roller ramp is used on uneven or challenging terrain. Please see **STEP 29** for more details.

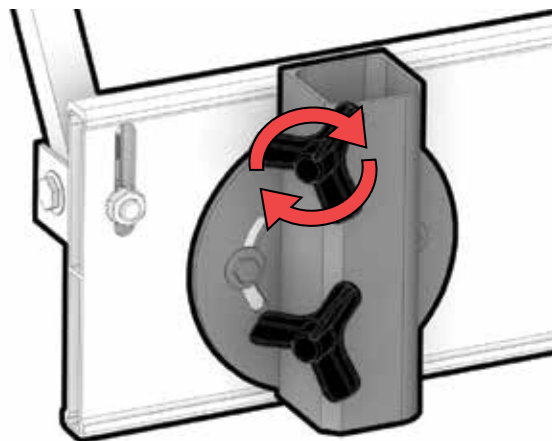
25



AK1

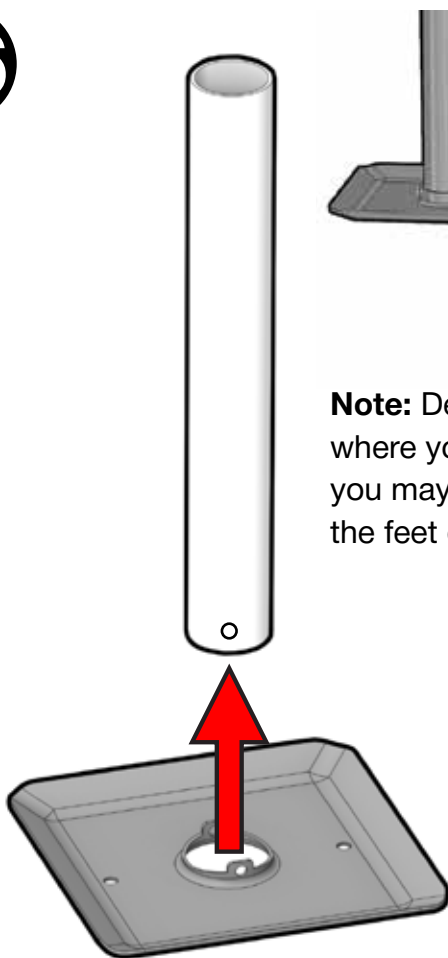


4x



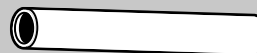
Follow **STEP 25** for both sides of the roller ramp.  
Leave the knobs loose for **STEP 27**.

26



**Note:** Depending on the terrain  
where you place your roller ramp,  
you may change the orientation of  
the feet or not use feet at all.

GL17



2x

CB35S



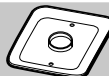
2x

NL38

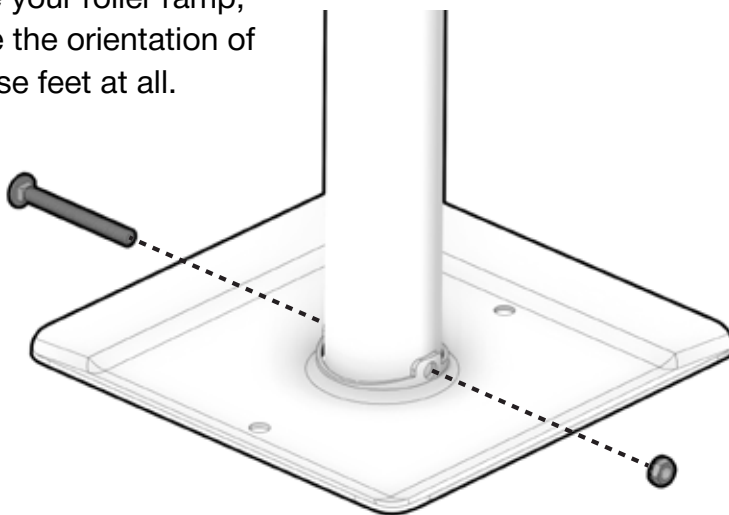


2x

FTP1



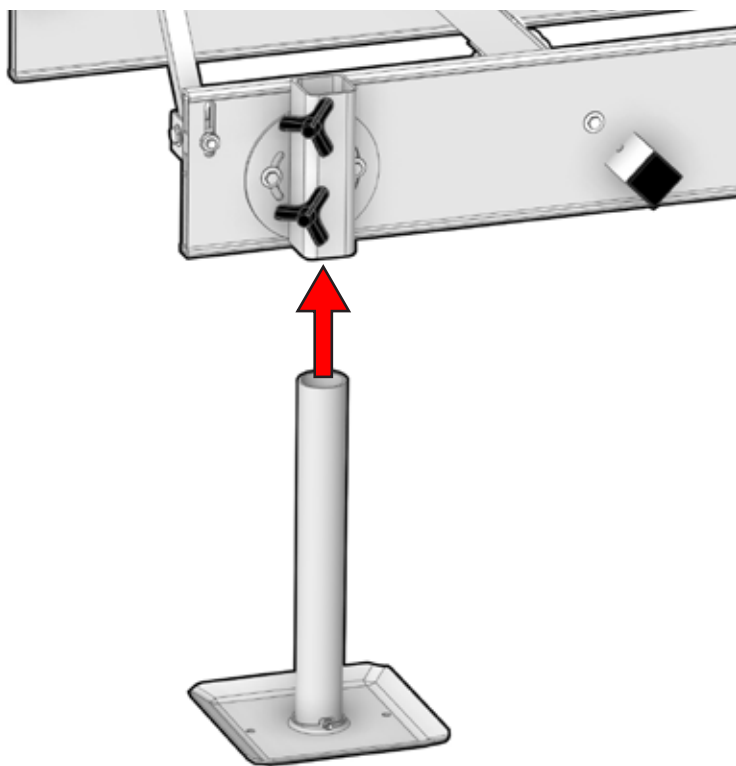
2x



Fit the feet (**FTP1**) onto the leg round (**GL17**) and fasten with the provided  
carriage bolt (**CB35S**) and lock nut (**NL38**).

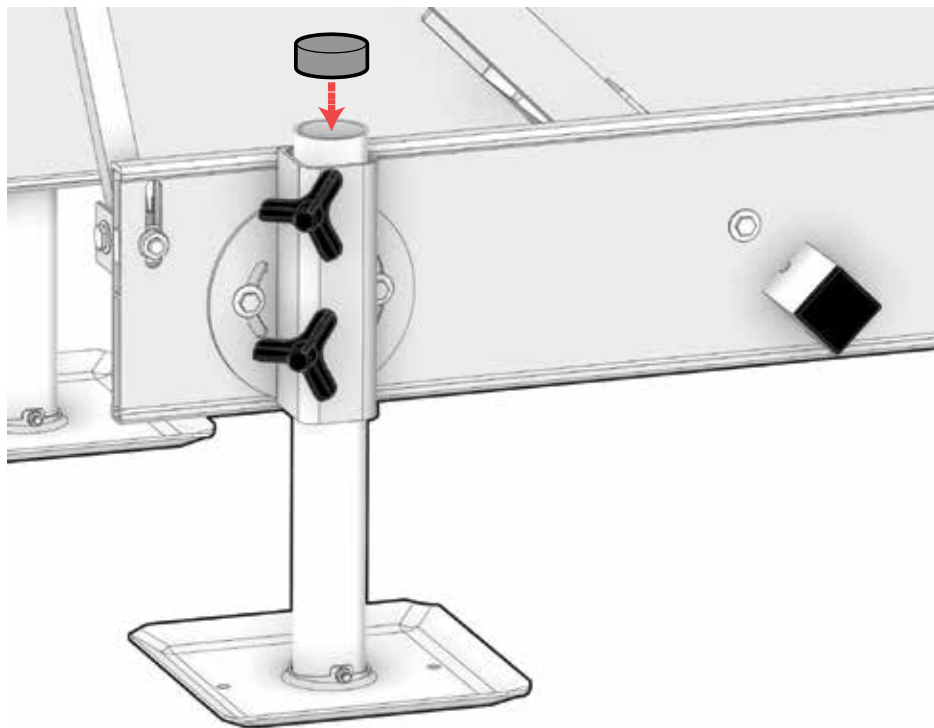
Repeat for the second leg assembly.

27



Slide the leg assemblies made in **STEP 26** into the brackets from **STEP 24** (see above image). Tighten adjustment knobs to the height needed based on your terrain. Repeat on opposite side.

28



EMTCAP

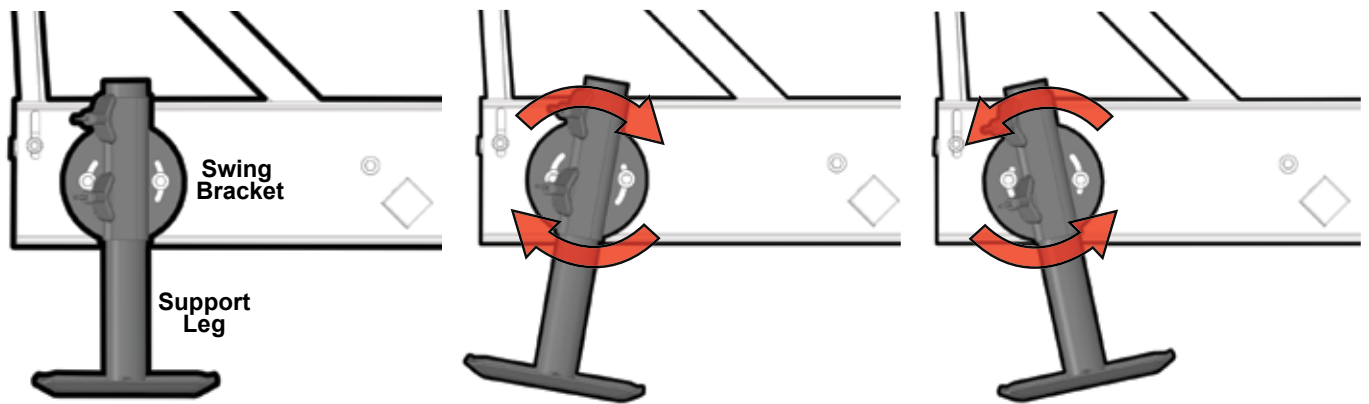


2x

Install Leg Caps (**EMTCAP**) on both leg assemblies.

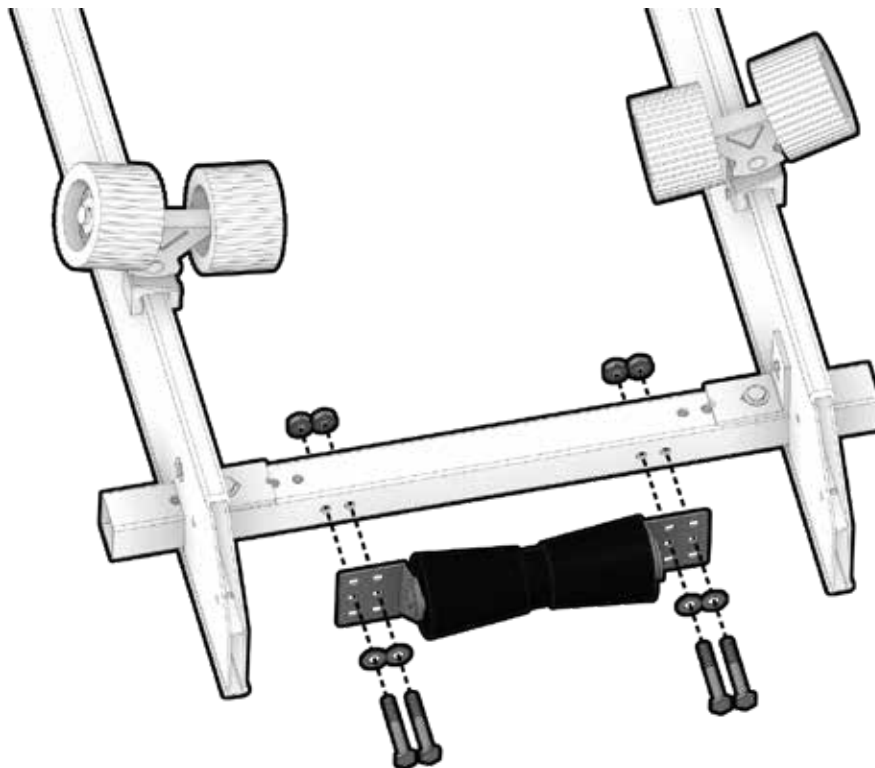
**NOTE:** Rails should be level with each other at all points.

29



For uneven terrain the swing bracket may be used to stabilize the roller ramp. The legs of the swing bracket may be adjusted at different lengths to level the support legs with the terrain (see images above). The swing brackets may also be rotated for conforming to the challenging terrain.

30

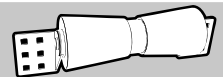


NL38



4x

RRLR



1x

W7838



4x

B3

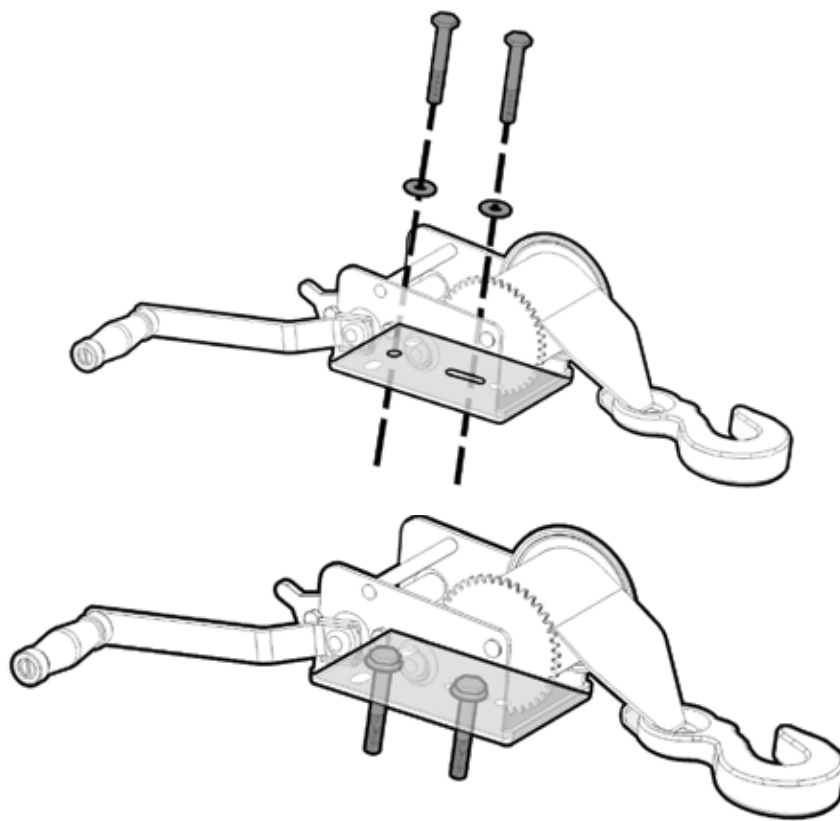


4x

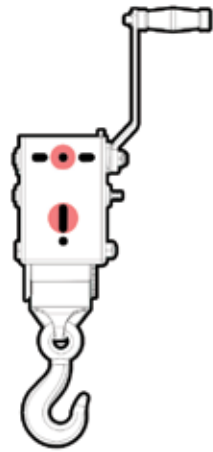
**NOTE:** This roller bracket has three adjustable height positions.



31

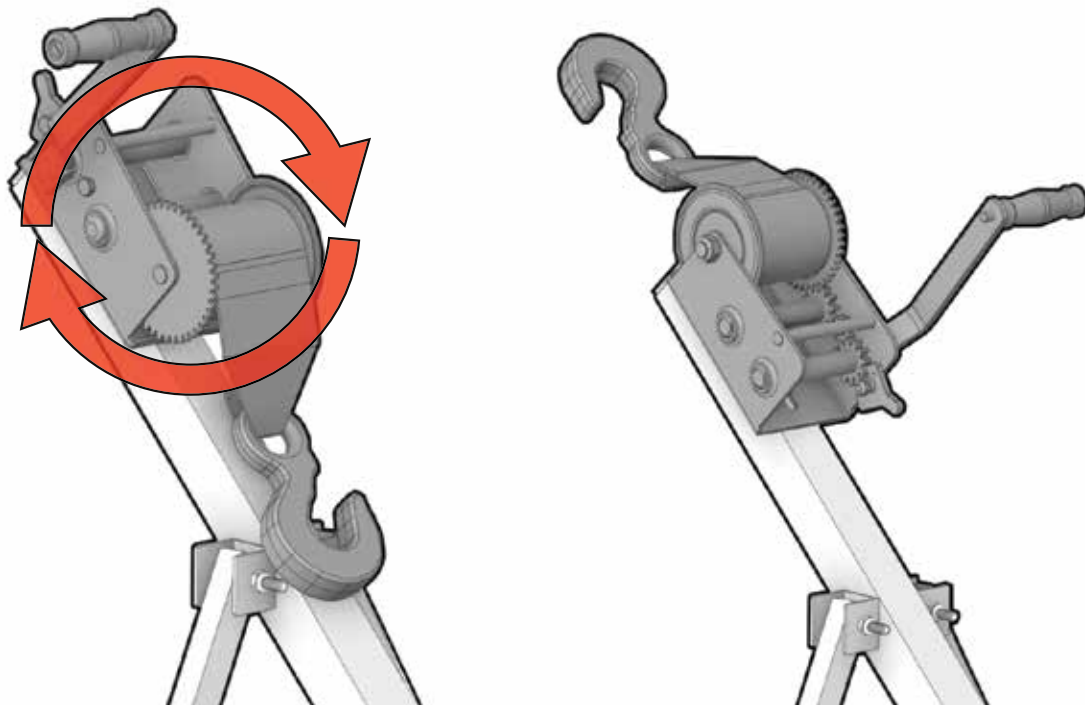


|       |                                                                                     |    |
|-------|-------------------------------------------------------------------------------------|----|
| W7838 |   | 2x |
| B3    |  | 2x |



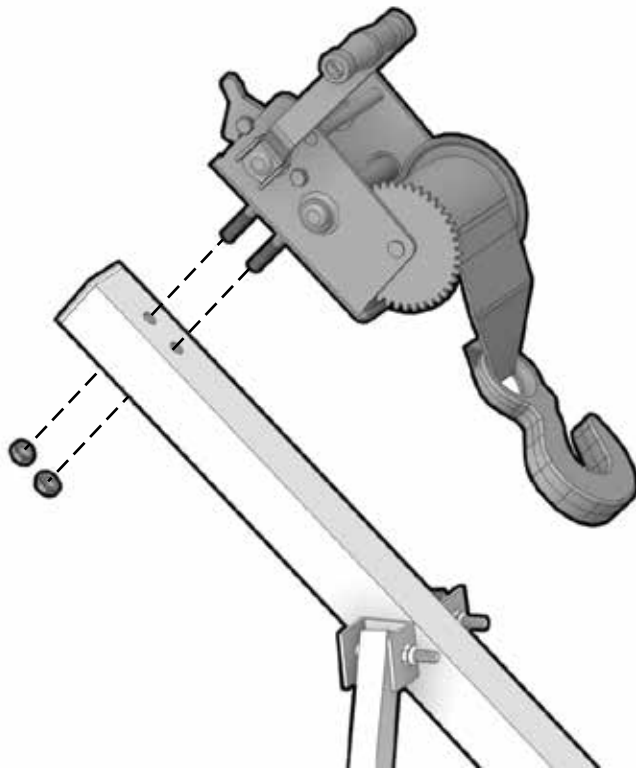
Hole Locations

32



You may rotate the winch for either right-handed or left-handed use.

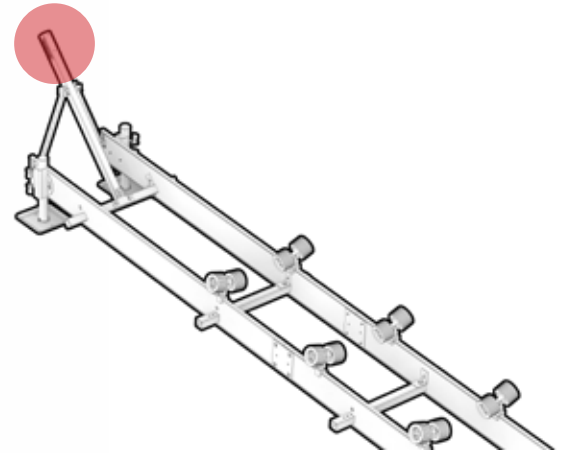
33



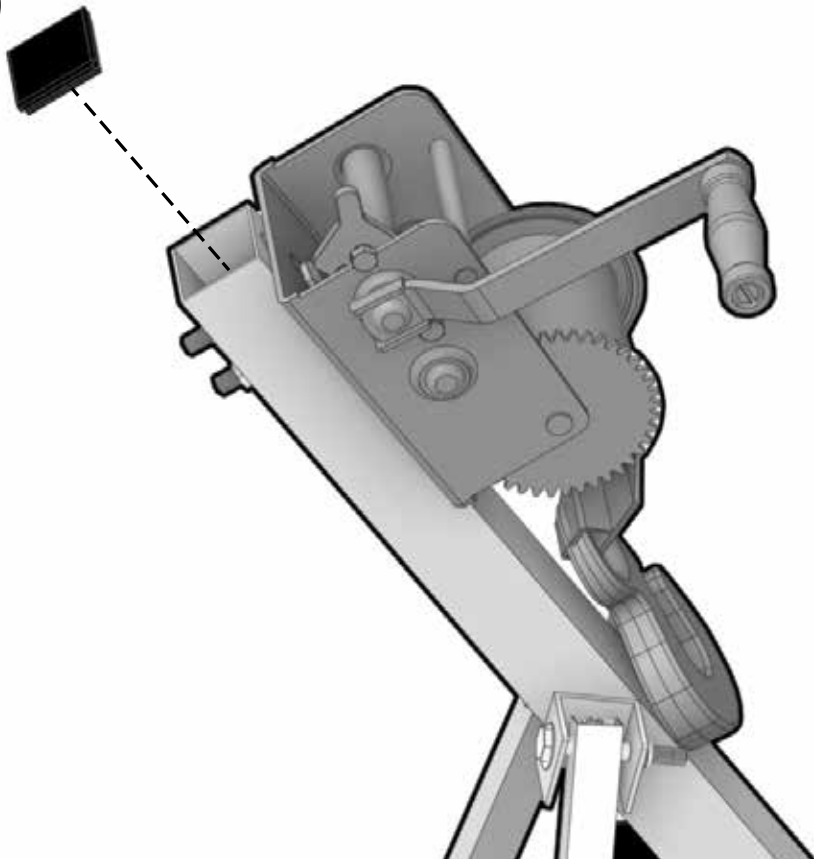
NL38



2x



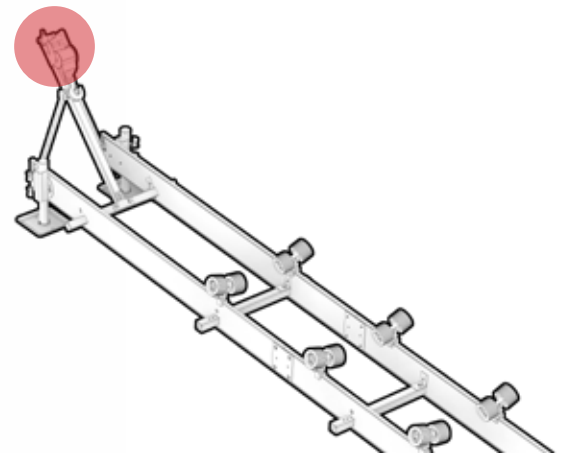
34



SCAP1

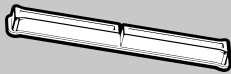


1x



# 35

RREC1



2x

RREC2

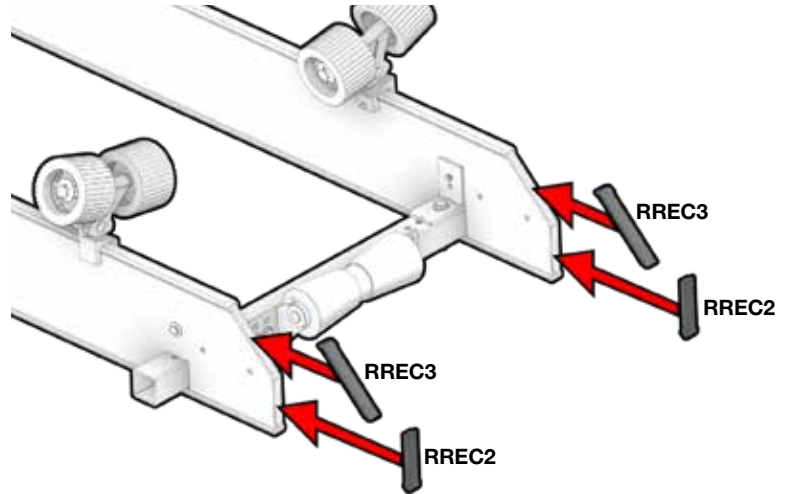
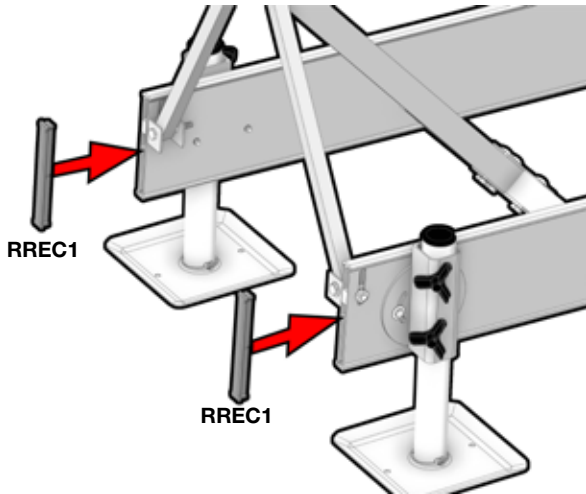
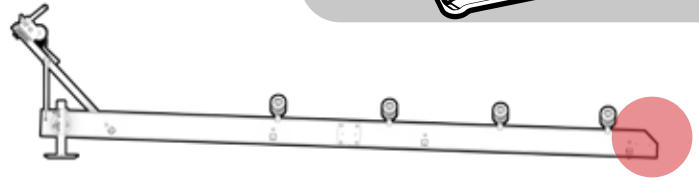
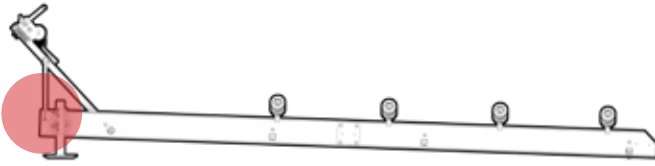


2x

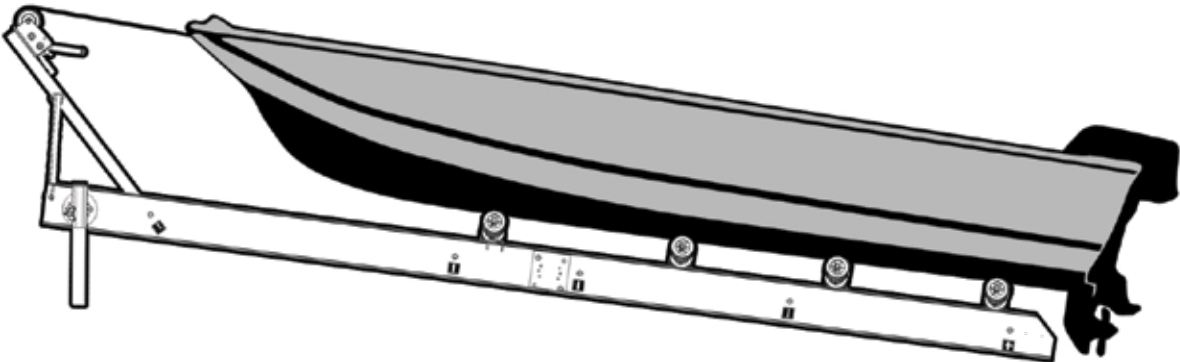
RREC3



2x



# 36

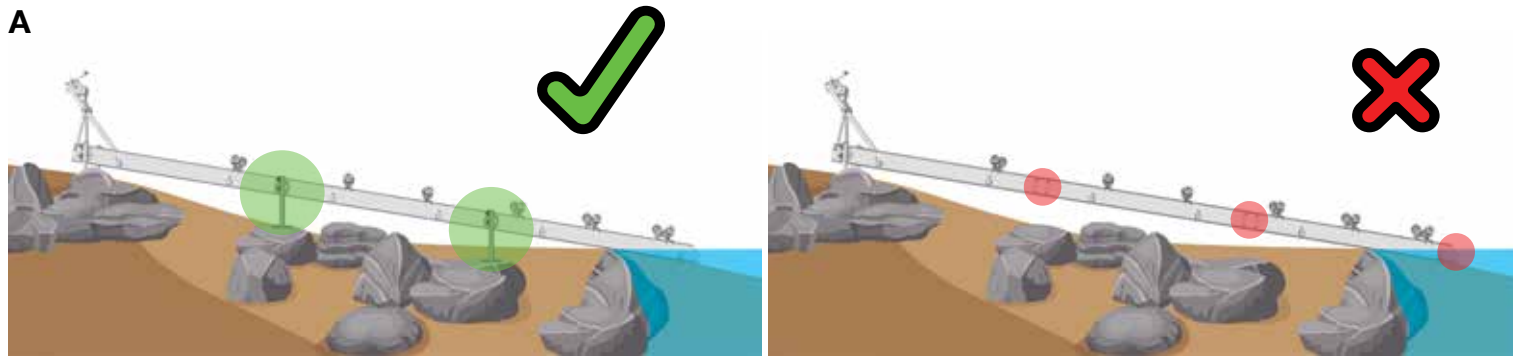


Before positioning your boat in the water, winch your boat onto the roller ramp for a trial run. Inspect and mark any areas along the rollers where there is uneven distribution and coverage along the bottom of the boat. After removing the boat, use the areas you have marked to reposition any necessary rollers.

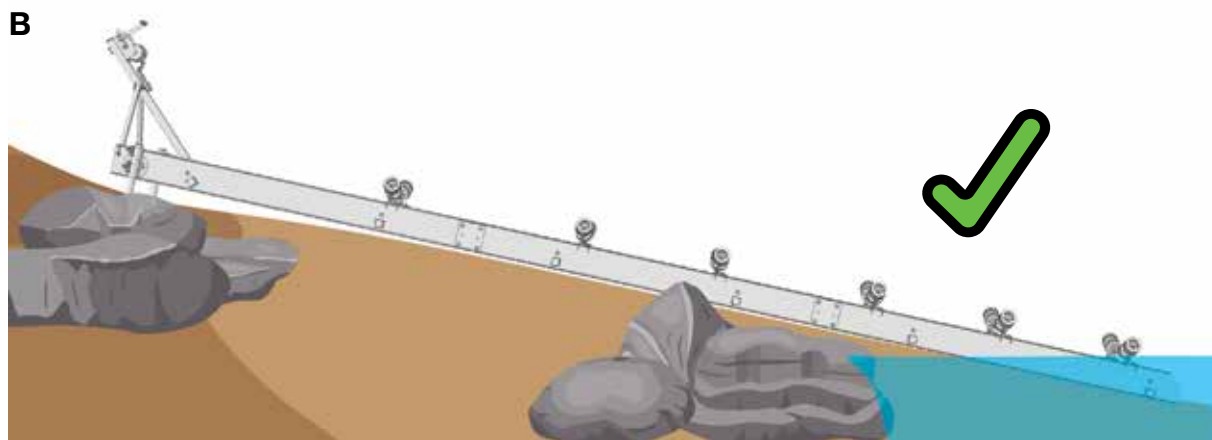
**PLEASE NOTE:** Please see page 21 before operating roller ramp for warnings.

## Optional Support Legs:

Optional support legs are sold separately, if needed. See below for reasons why your Roller Ramp location may require them based on terrain conditions.



The support legs are used in situations where there is elevated space between the terrain surface and the connection plates shown in scenario **(A)**. The legs are used for extra stability in these situations where the terrain is not as flat as in scenario **(B)**.



Scenario **(B)** doesn't require the optional legs as the terrain under the roller ramp is fairly flat and doesn't need the extra stability.

# Where *fun* on the water *begins!*

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