CanadaDocks.ca™

PERSONAL WATER CRAFT (PWC) LIFT INSTRUCTIONS

Revision 2 06/15/18

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1. SAFETY

1.1 INTRODUCTION

Your Personal Watercraft (PWC) Lift has been engineered to provide lifting performance, long term economic and safety advantages that no other type can match. However, even a well-designed and well-built lift can malfunction or become hazardous in the hands of an inexperienced and/or untrained user. Therefore, please read this manual and the related equipment manuals thoroughly before operating your lift to provide maximum safety for all operating personnel and to get the maximum benefit from your equipment.

WARNING: Do not operate this lift without studying the entire contents of this document. Failure to do so could lead to equipment misuse resulting in serious personal injury and/or damage. Contact dealer or service representatives if you have any questions.

1.2 EQUIPMENT SAFETY LABELS

These labels warn you of potential hazards that could cause injury. If a label comes off or becomes illegible, contact Canada Docks for a free replacement.

1.3 EQUIPMENT & PERSONAL SAFETY

1. Do not use the lift if it shows any sign of damage.
2. Do not exceed the rated maximum lifting capacity of this equipment.
3. Never try lifting anything other than your PWC with this equipment.
4. Never allow people on the craft any time it is suspended above the water on the lift bed.

WARNING: Do not stand or walk on the lift bed while it is any raised position.

5. Do not allow anyone to swim or play under, or on the lift at any time.
6. Wear heavy leather gloves when handling wire rope.

WARNING: Insufficient hand protection when handling wire cable can cause injury.

1.4 OPERATING SAFETY

1.4.1 General Operating Safety
1. Never use this equipment beyond its rated capacity. This can damage the lift and/or PWC and may result in serious personal injury.
2. Before allowing anyone to operate the lift, be certain that they have fully understood the proper operating procedure.
3. Completely remove any manufacturer installed locking devices before operating the lift.
4. Follow the Pre-Lifting Checklist (Section 1.6) before operating the lift.
5. Do not try lifting or launching your PWC in rough water conditions. This can damage your PWC and/or lift.
6. The PWC must be secured on the lift before raising or lowering. Failure to do this could cause equipment damage and/or serious personal injury.
7. Keep people and pets clear during operation of the lift.

8. Keep fingers and clothing clear of all moving parts.
9. Check the lift periodically for frayed cables and/or binding pulleys.
10. Do not attempt to make any adjustments to the lift while loaded and being operated.
11. Never tamper with the winch mechanism.
12. Do not operate the lift under the influence of recreational drugs or alcohol.
13. Never use the lift to hang or store any auxiliary equipment, such as boating hardware.

1.4.2 Safety When Raising The PWC Lift

1. The winch handle must turn clockwise when raising the lift bed. The brake pawl must click, indicating that the brake is operative.
2. Do not try to raise the PWC beyond the maximum lifting height of the lift bed. It will only lift 3' from the lowered position to the top position.

1.4.3 Safety When Lowering The PWC Lift
1. The winch handle must turn counter-clockwise when lowering the lift bed. This allows the selfactivating brake mechanism to provide a controlled lowering of the lift bed.

WARNING:
If freewheeling starts never try to stop it. Although a spin-down may cause damage to the lift and/or boat, trying to stop it can cause serious personal injury.

2. Do not continue lowering the lift bed after the PWC floats freely. Excessive slack in the winch cable may cause binding.
WARNING: Never release the break pawl on the winch. This can trigger an uncontrolled spin-down or freewheel of the winch handle.

1.5 MAINTENANCE AND STORAGE SAFETY

1. At least once a year the lift must be thoroughly inspected as described in the Inspection and Maintenance section.
2. Completely lower the lift bed before performing any type of maintenance or repair.

WARNING: Never allow anybody to work in or on the PWC when it is suspended above the water on the lift.

3. Immediately replace any components found to be defective, as described in the Inspection and Maintenance sections.

1.6 PRE-LIFTING CHECKLIST — Initial Installation/Start-up and Annual Inspection

The lift and related equipment must be thoroughly inspected prior to first use. Only those who have read and understood this entire manual and related equipment manuals are qualified to do this inspection. This checklist is to be used as a guideline in conjunction with the maintenance and inspection procedures outlined in this manual. It is recommended that the inspection be maintained as a permanent record.

- ☐ Ensure the lift installation will clear any obstructions.
- ☐ Ensure all structural members of the lift are free of defects and damage that may affect the integrity.
- ☐ Ensure that any user or manufacturer installed locking devices have been removed before operating the lift.
- ☐ Ensure winch cable is not rubbing against the inside of the winch or the mast or any other surface.
- ☐ Ensure the PWC is properly positioned on the lift before doing any lifting or lowering.
- ☐ Ensure the lift is not being used beyond its rated capacity.
- ☐ Conduct initial wire cable inspection procedure to ensure integrity. See section 5
- ☐ Ensure the leg height has been properly adjusted according to the water depth.
- ☐ Ensure the frame and lift bed fastenings are tight.
- ☐ Ensure the frame is level and square.
- ☐ Ensure the winch is securely fastened to the mast.
- ☐ Ensure the pulleys spin freely.
- ☐ Operate the lift first empty, and then with PWC on lift bed to test operation of both the lift and

1.6 PRE-LIFTING CHECKLIST — Before Every Use

The lift and related equipment must be inspected prior to every use. Only those who have read and understood this entire manual and related equipment manuals are qualified to do this inspection. This checklist is to be used as a guideline in conjunction with the maintenance and inspection procedures outlined in this manual. It is recommended that the inspection be maintained as a permanent record.

- ☐ Ensure the lift and PWC are clear of any obstructions.
- ☐ Ensure the frame of the lift appear to be straight and square and securely fastened together.
- ☐ Ensure that any user installed locking devices have been removed before operating the lift.
- ☐ Inspect the condition of the bunks and ensure they are securely fastened and won't damage PWC.
- ☐ Ensure the lift is not being used beyond its rated capacity.
- ☐ Inspect eye bolt/shackle connections to ensure they are tight.
- ☐ Inspect wire cable to ensure no kinked, frayed, or broken strands. See section 5.
- ☐ Ensure the lift is still level and at the proper height.
- ☐ Ensure the winch is securely fastened to the vertical leg.
- ☐ Ensure winch cable is not rubbing against the inside of the winch or the vertical leg.
- ☐ Ensure the pulleys spin freely.
- ☐ Ensure bushings at pivot points are not excessively worn.
- ☐ Ensure the PWC is properly positioned on the lift before doing any lifting or lowering.

2. SPECIFICATIONS

2.1 TECHNICAL DATA

Weight Capacity	**1200 lbs.**
Lifting Height	**36”””**
Bed Length	**66”**
Bed Width	**22”**
Overall Width	**54”**
Overall Length	**106”**
Adjustable Legs	**18” 4**
Approximate Overall Weight	**150 lbs.**
Replacement Cable Length *	**18’**
Replacement Cable Hardware *	**2 x ¼ “ cable clamps**

**** ¼” galvanized or stainless steel aircraft cable**

2.2 INFORMATION PLATES

It is important to identify your lift completely and accurately. The lift has a plate which shows it’s capacity rating, an example of which is shown below.

CAUTION

MAX. CAPACITY _____ LBS.
!KEEP BODY PARTS CLEAR OF MOVING OBJECTS!
!NOT FOR MOVEMENT OF HUMAN BEINGS!

Other CAUTION labels are attached to your lift for reference and safety purposes, examples of which are shown below.

CAUTION

Keep hands, body parts and clothing clear of moving parts.
Make sure all people are off of PWC before lifting.
Back of PWC should be flush with tip of bunks.
Do not raise bed high enough to come in contact with crossers.
Cables should be checked on a regular basis and changed a minimum of every 5 years.

CAUTION

PWC must be tied to guide posts using proper tying procedure.
All people must be off of PWC before operating.
Rails must be removed from water in winter or ice will destroy them.

CAUTION

Must not be allowed to freeze in the ice or unit will be destroyed.

3. ASSEMBLY AND HARDWARE As of 4/25/18

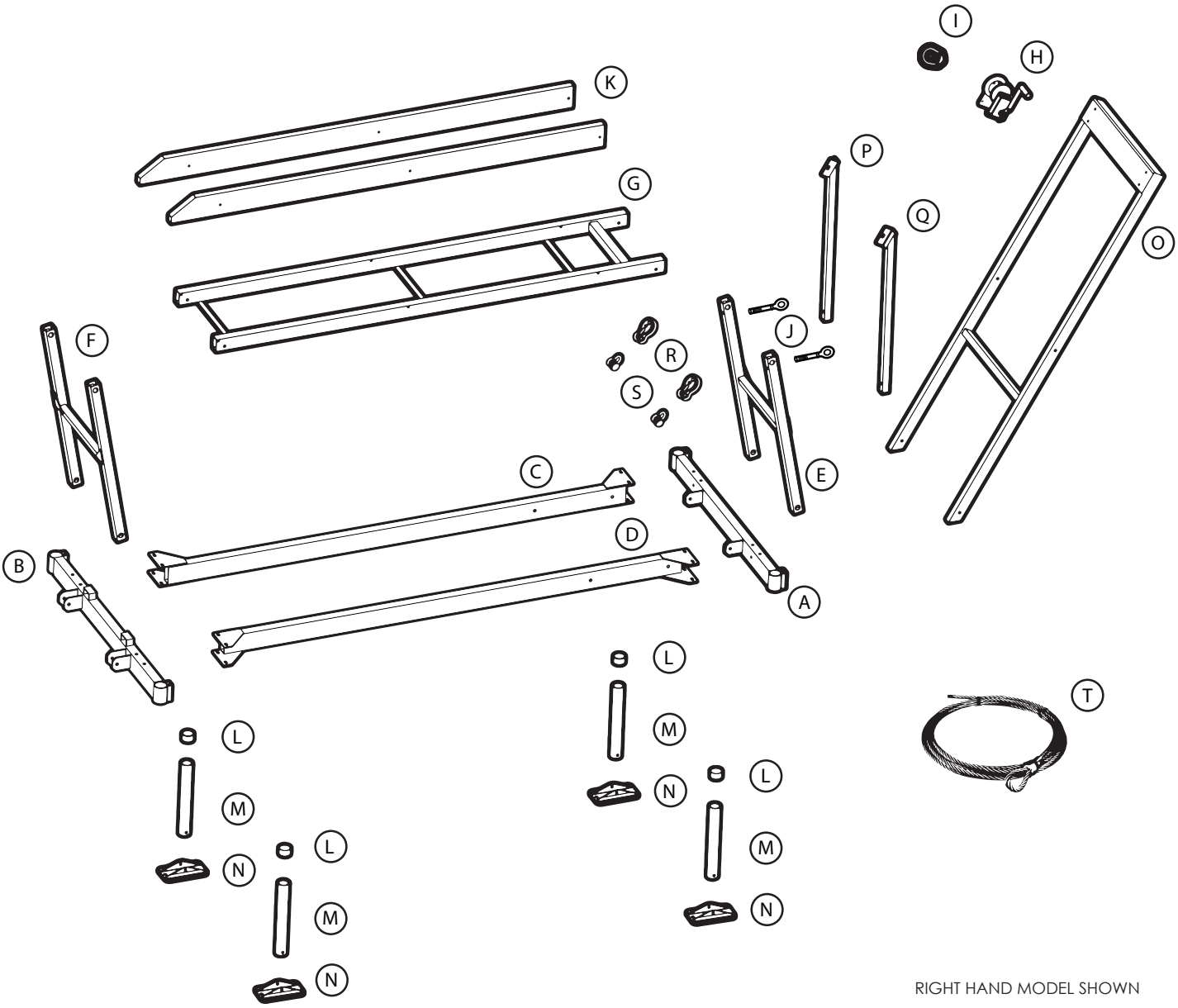
3.1 HARDWARE LIST

Part#		QTY	
1	1/2 WASHER	36	For head end of all ½" hex head cap screws (except for 4 top H frame connections to lift bed), and for nut end of all 12 lock nut connec tions
2	1/2-13 HEX FLANGE NUT	14	For all ½" dia. non-pivot points
3	3/8-16 x 1 HEX HD CAP SCREW	1	For attaching to cable assembly eye nut
4	3/8 x 1-1/8 O.D. FENDER WASHER	1	For placing between eye nut and mast angle
5	3/8 x 11/16 O.D. LOCK WASHER	1	For head end of 3/8 screw for eye nut
6	1/2-13 x 3-1/4 LG EYE BOLT	2	For pulley attach points at top of front H frame
7	1/2 GALV FLAT WASHER	2	For placing on eye bolts between galvanized hex nut and front H-frame
8	1/2-13 GALV HEX NUT	2	For placing on eye bolts attached to front H-frame
9	1/2-13 x 5-1/2 LG HEX HD CAP SCREW	10	For 2 of 8 H frame pivot points and 8 crosser connect points
10	1/2-13 x 5 LG HEX HD CAP SCREW	4	For 4 upper H frame pivot points
11	1/2-13 LOCK NUT	12	For all the pivot point connections only
12	1/2-13 x 4 LG HEX HD CAP SCREW	6	For 2 connections of rear H frame to rear cross er, for 2 lower mast frame connections to base crossers, and 2 lower mast support connections to front crosser
13	1/2-13 x 3-1/2 LG HEX HD CAP SCREW	4	For connecting feet to bottom of leg post
14	1/2-13 x 2-1/2 LG HEX HD CAP SCREW	2	For upper mast frame connections to mast supports
15	5/16-18 x 1 LG HEX HD CAP SCREW	2	For connection of the winch to the mast
16	5/16 (0.312") x 3/4 O.D. FLAT WASHER	2	For head end of winch connection screws
17	1/2 X 1-3/8 O.D. FLAT WASHER	4	For the head end of the 4 hex head cap screws connecting the top of H frames to lift bed
18	5/16-18 x 2-1/2 LG CARRIAGE BOLTS	2	For 2 rear (lakeside) points connecting bunks to lift bed
19	5/16-18 FLANGE NUT	8	For all 5/16" bolt & screw fasteners
20	5/16-18 x 4 LG CARRIAGE BOLTS	4	For 2 front (shore side) and 2 middle points connect ing bunks to lift bed
21	1/2-13 SQUARE NUT	4	For the 4 leg post fastening points
22	1/2-13 X 1-1/2 LG HEX HD CAP SCREW	4	For the 4 leg post fastening points

See Drawing on Pg 9 for all other hardware items

3.2 RECOMMENDED TOOL LIST

Gloves and safety glasses	16' measuring tape & 4' level
½", 9/16", & ¾" sockets & ratchet handle	Adjustable wrench
Vice grips and/or C-clamps	Rubber mallet & tapered alignment bar



RIGHT HAND MODEL SHOWN

PART	PART NAME	QTY.
A	FRONT CROSSER	1
B	REAR CROSSER	1
C	BASE L-CROSSER	1
D	BASE R-CROSSER	1
E	FRONT H FRAME	1
F	REAR H FRAME	1
G	LIFT BED	1
H	WINCH	1
I	3/8 EYE NUT	1
J	1/2-13 x 3 1/4 LG EYE BOLT	2
K	CARPET BUNKS	2
L	LEG CAP	4
M	LEG POST	4
N	LEVELLER FOOT	4
O	MAST FRAME	1
P	LEFT MAST SUPPORT	1
Q	RIGHT MAST SUPPORT	1
R	PULLEY ASSEMBLY	2
S	SHANK	2
T	LIFT CABLE	1

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TITLE

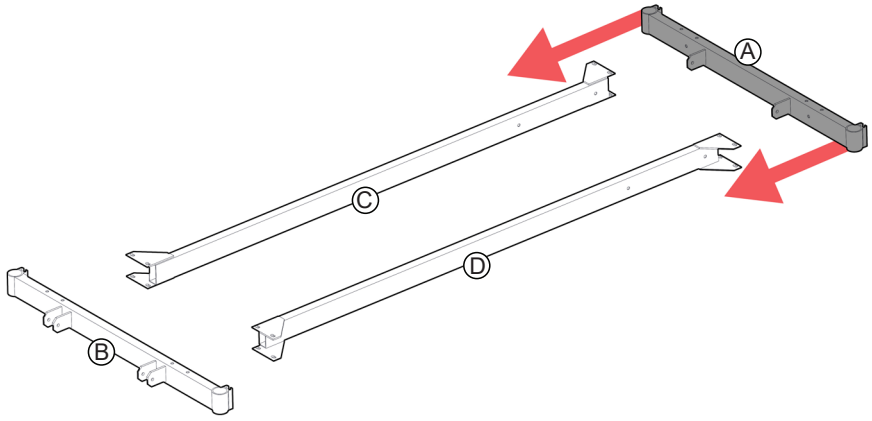
1200 PERSONAL WATER CRAFT LIFT

DATE: 6/13/2018

DRAWN BY T.M

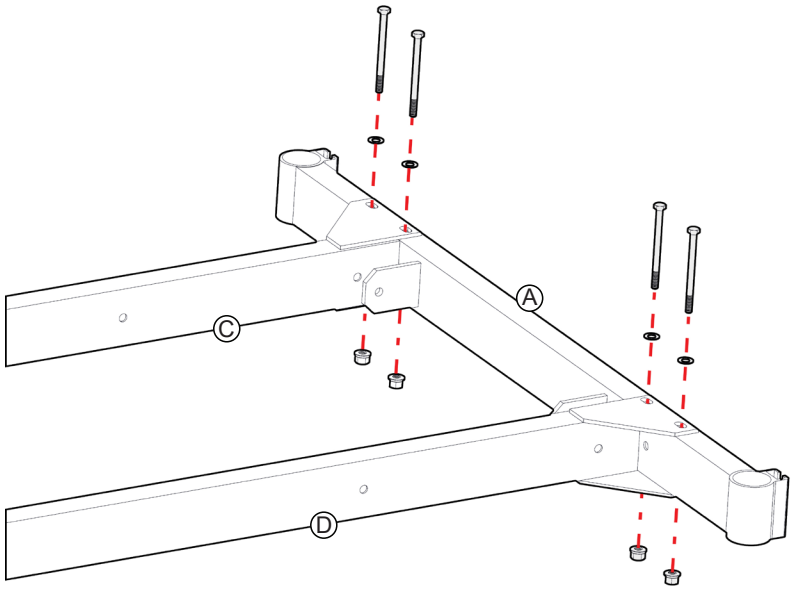
DWG. NO. 1

1



PLEASE NOTICE: Ensure drain holes are facing downwards when assembling.

2



1/2” x 5 1/2” BOLT

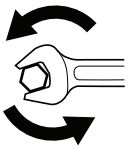
X4

1/2” WASHER

X4

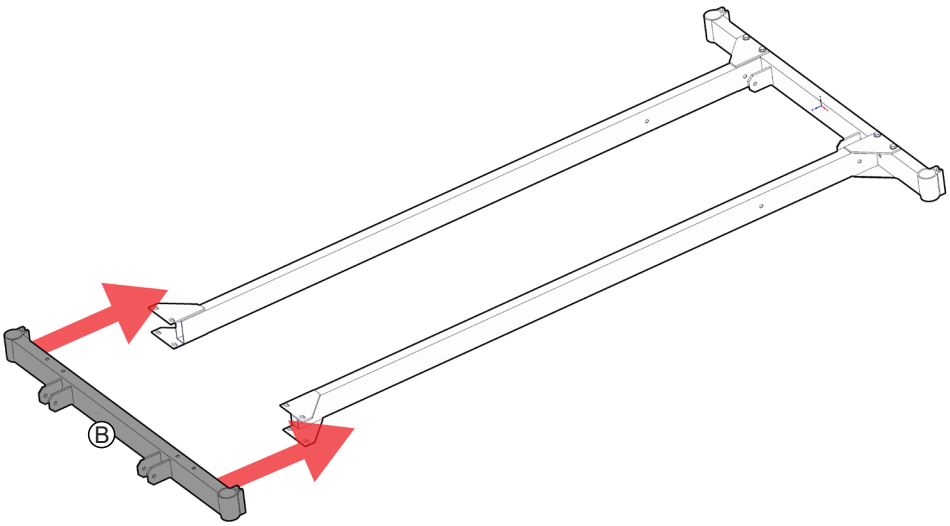
1/2” LOCKNUT

X4



Do not tighten bolts. Leave bolts loose for proceeding steps.

3



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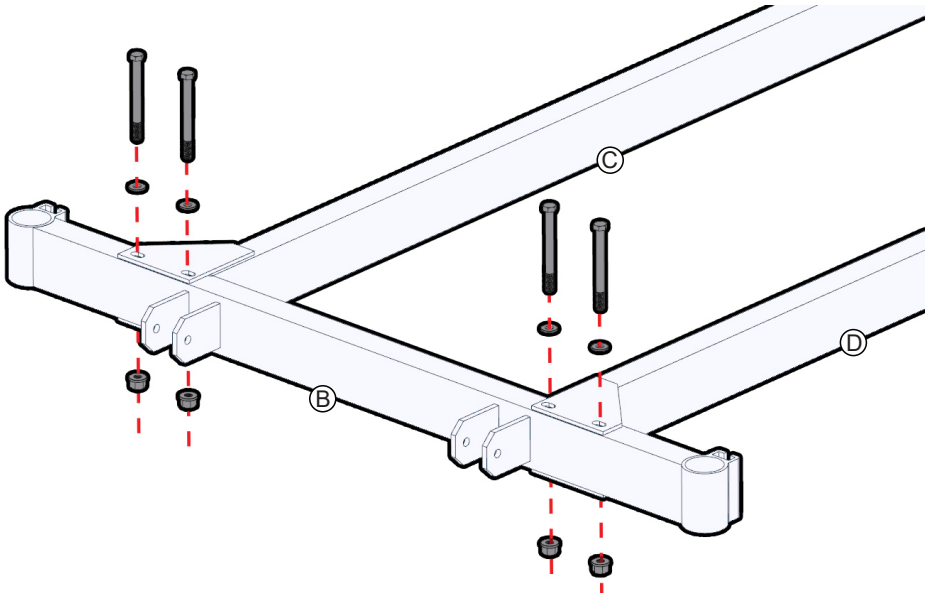


1/2” x 5 1/2” BOLT

X4

1/2” WASHER

X4

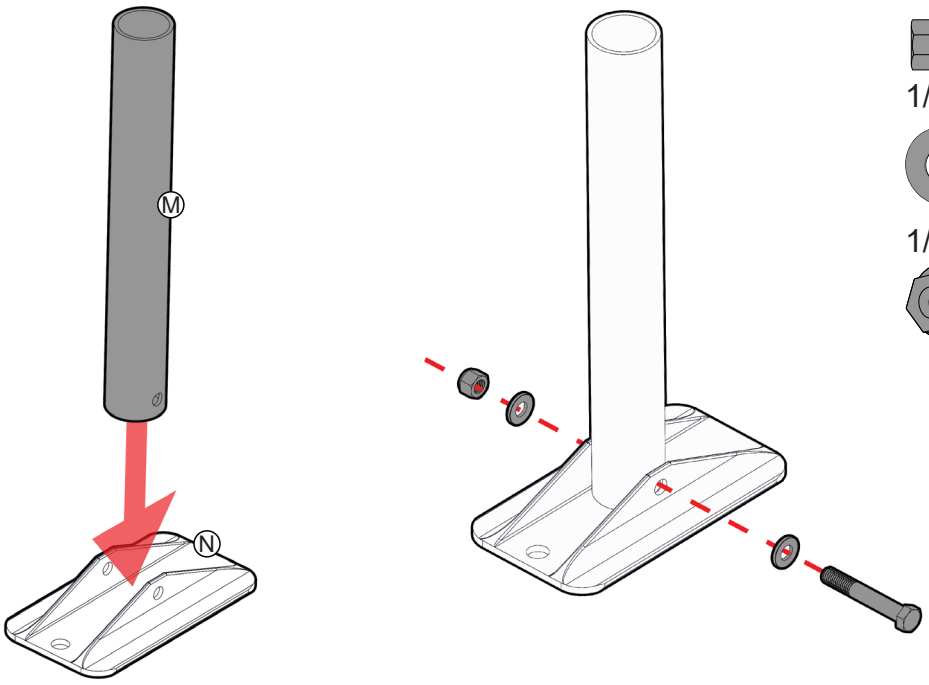
1/2” LOCK NUT

X4

Ensure all 4 corners are square by measuring from corner to corner making minor adjustments if needed with a rubber mallet and then securely tighten both ends with a ratchet or box wrench.

4 LEGS

⑤



1/2” x 3 1/2” BOLT

X4

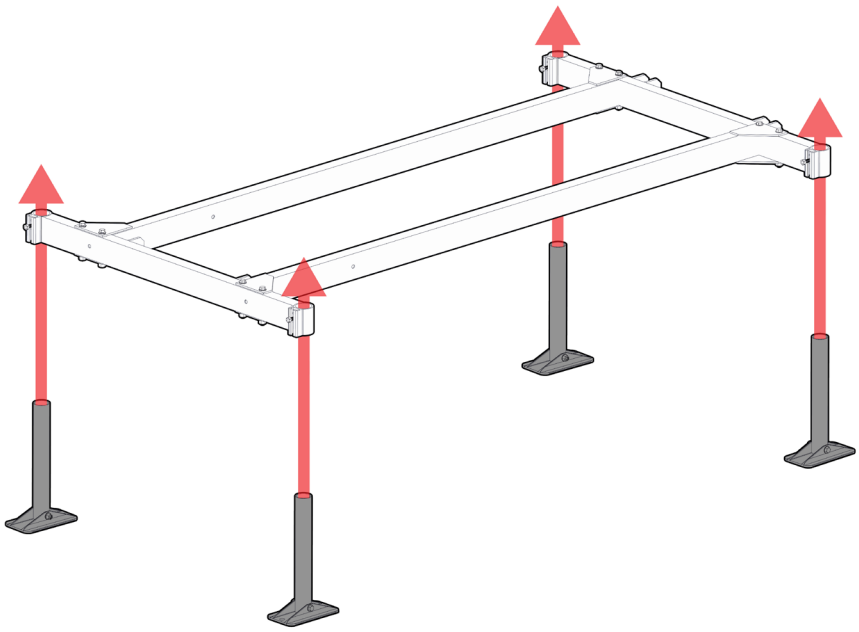
1/2” WASHER

X8

1/2” LOCK NUT

X4

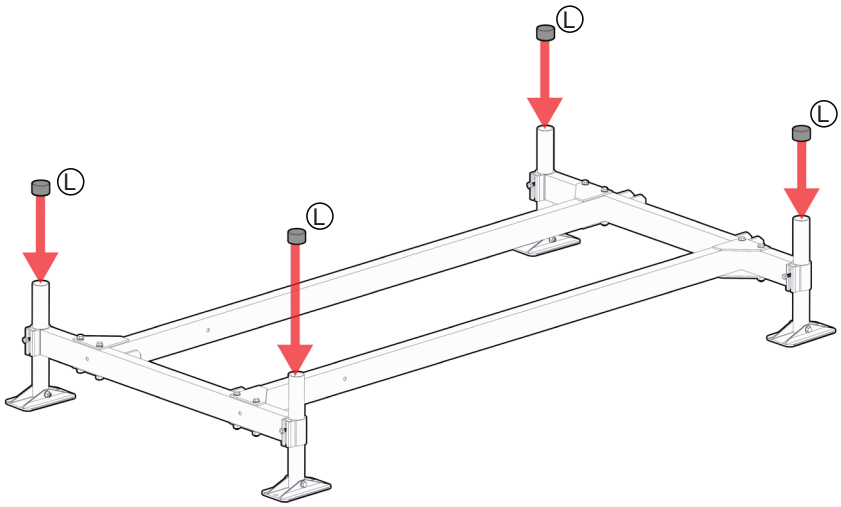
6



7

LEG CAPS

Ⓛ X4



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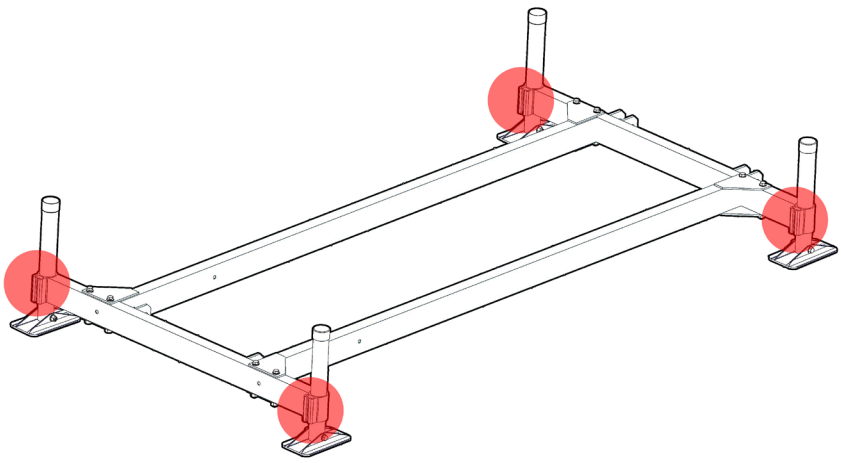

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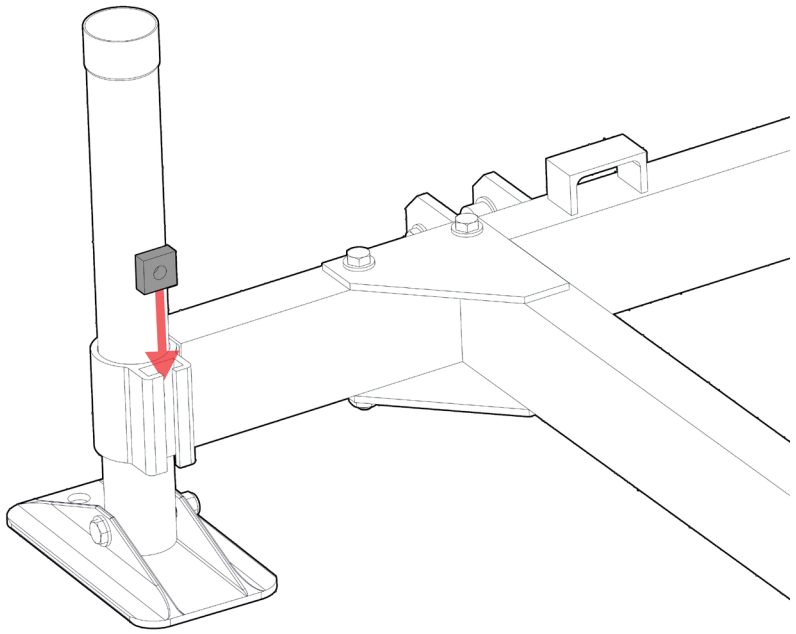
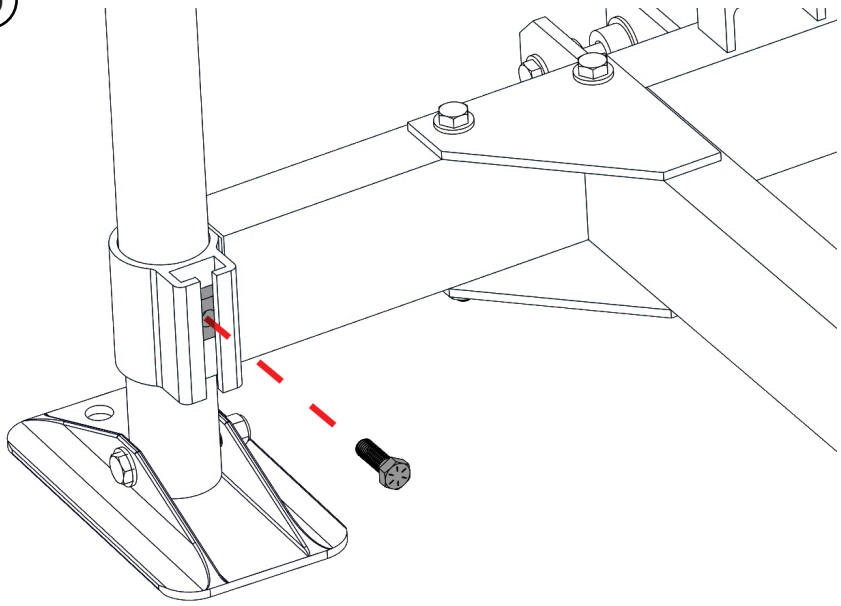


1/2” SQUARE NUT

X4

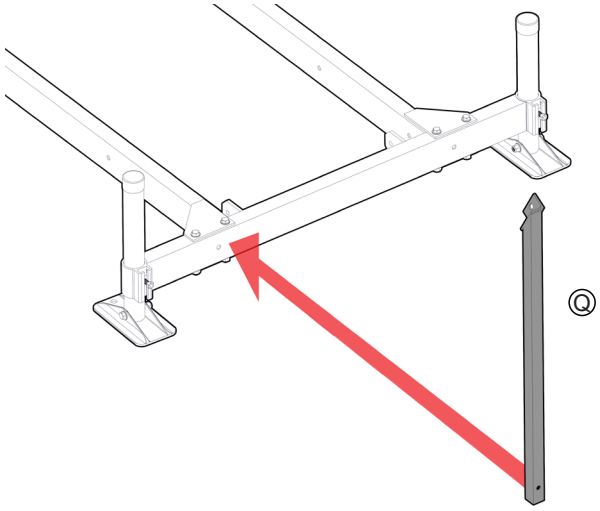
10



1/2” x 1 1/2” BOLT

X4

11



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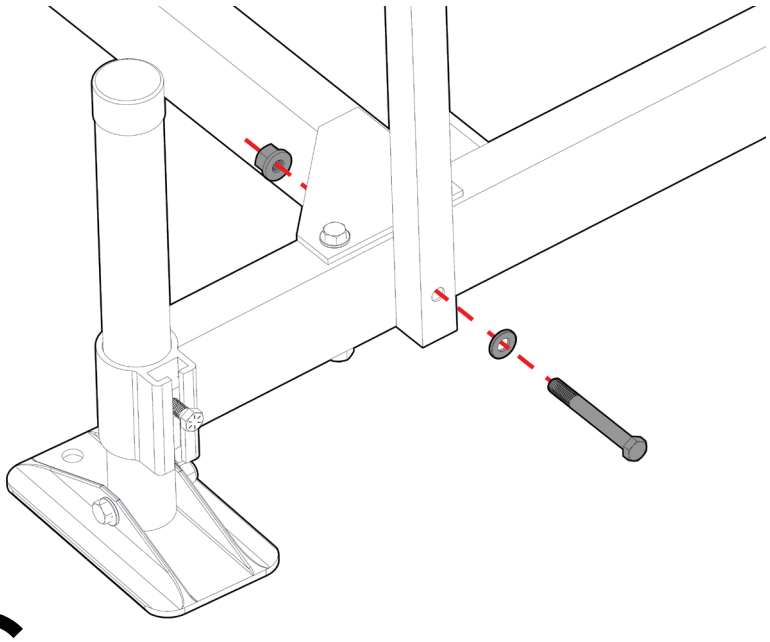


1/2” x 4” BOLT

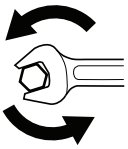
X1

1/2” WASHER

X1

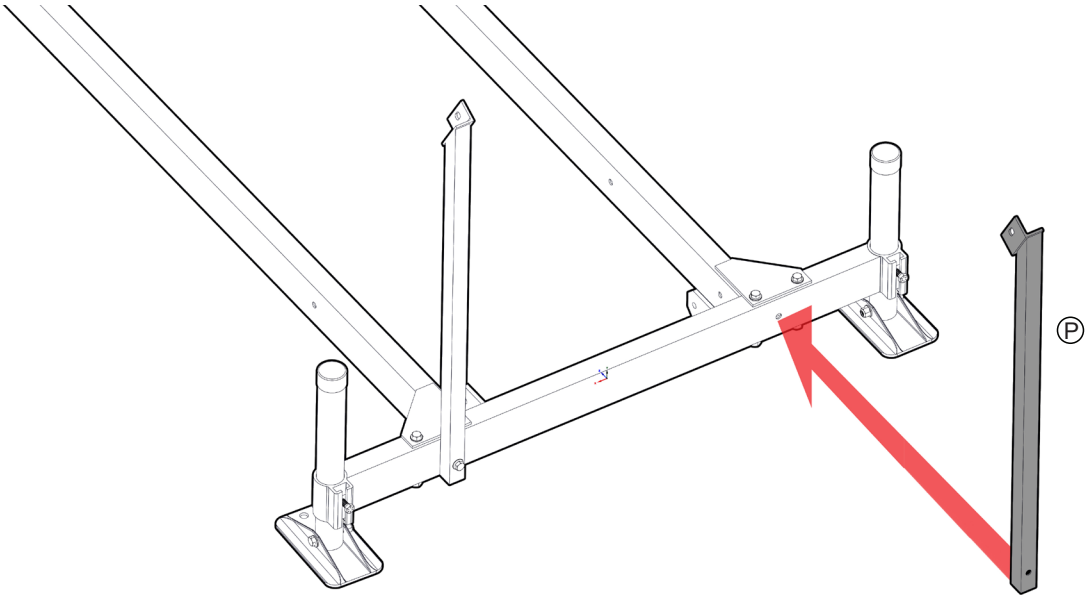
1/2” LOCKNUT

X1



Do not tighten bolts. Leave bolts loose for proceeding steps.

13



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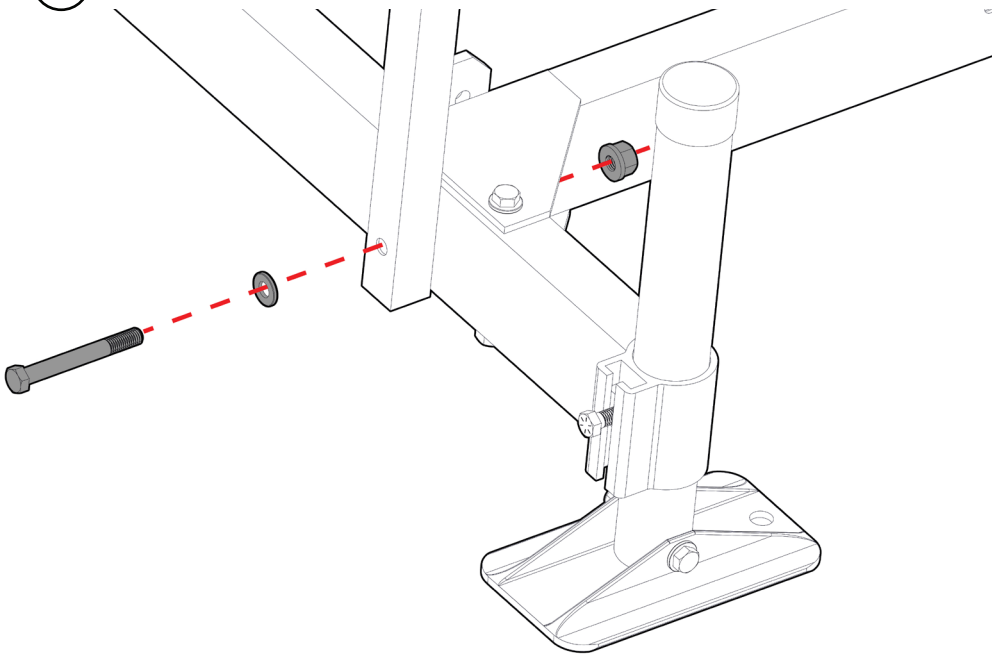


1/2” x 4” BOLT

X1

1/2” WASHER

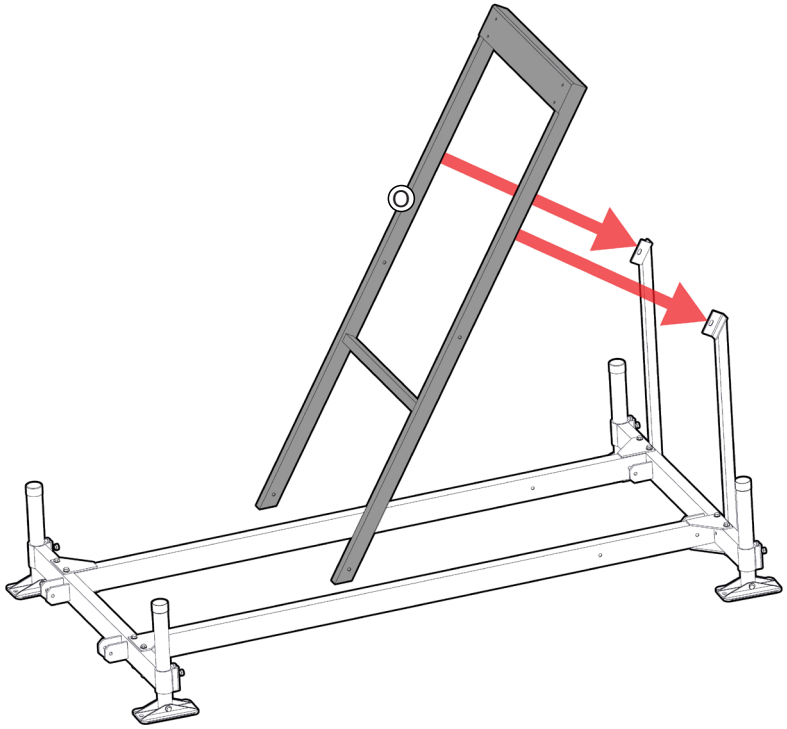
X1

1/2” LOCK NUT

X1

Do not tighten bolts. Leave bolts loose for proceeding steps.

15



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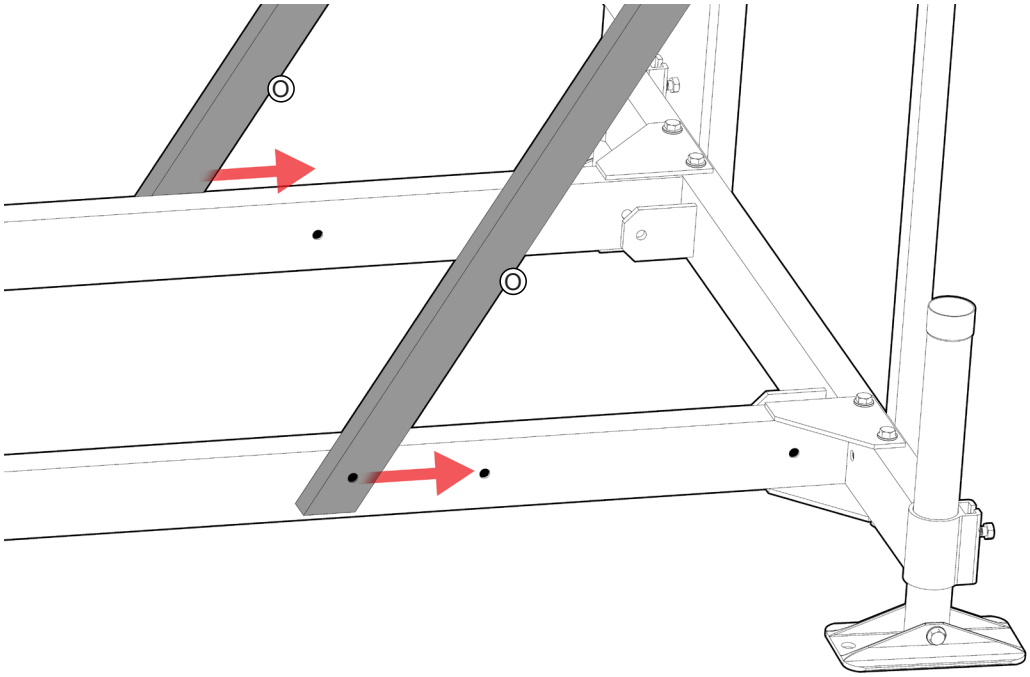

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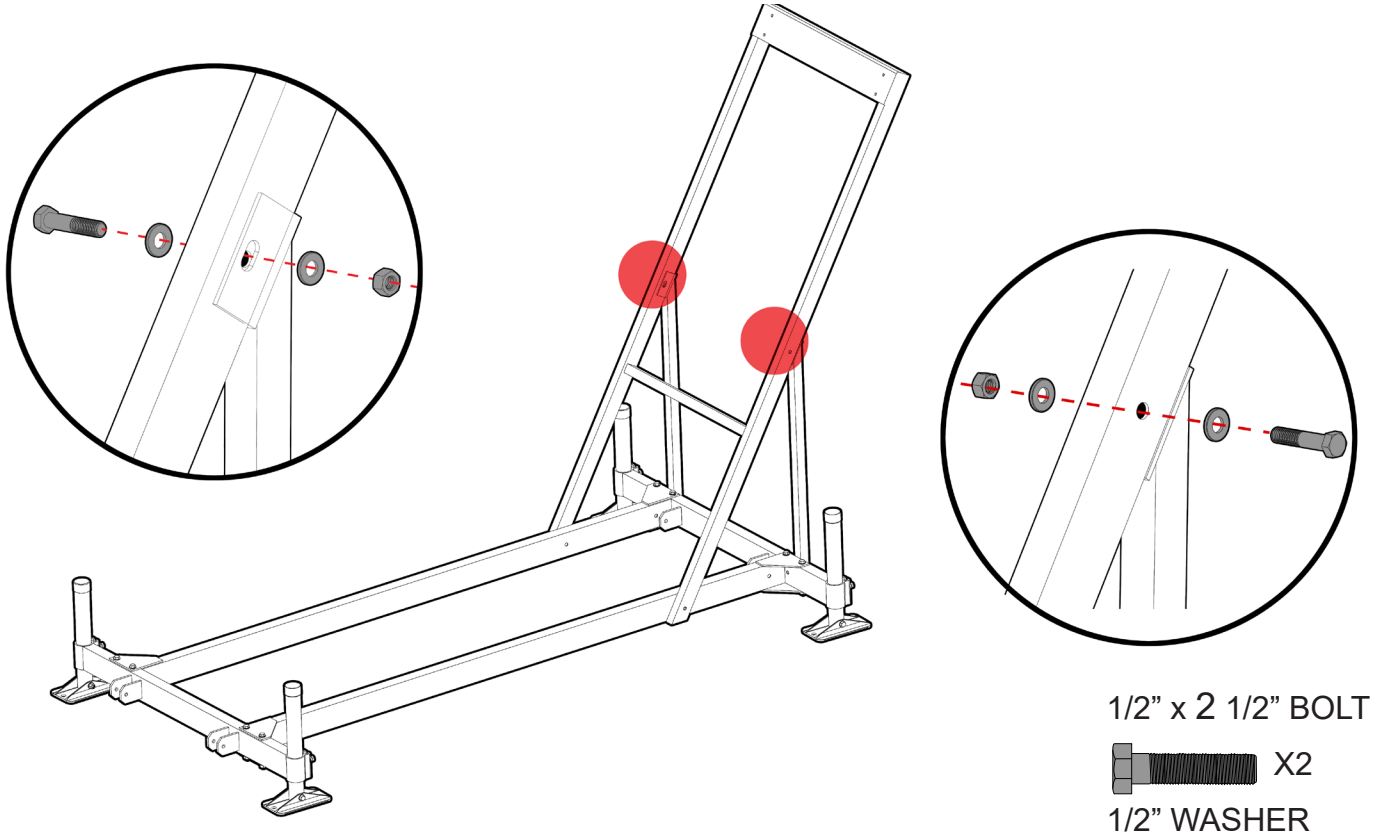


1/2” x 2 1/2” BOLT

X2

1/2” WASHER

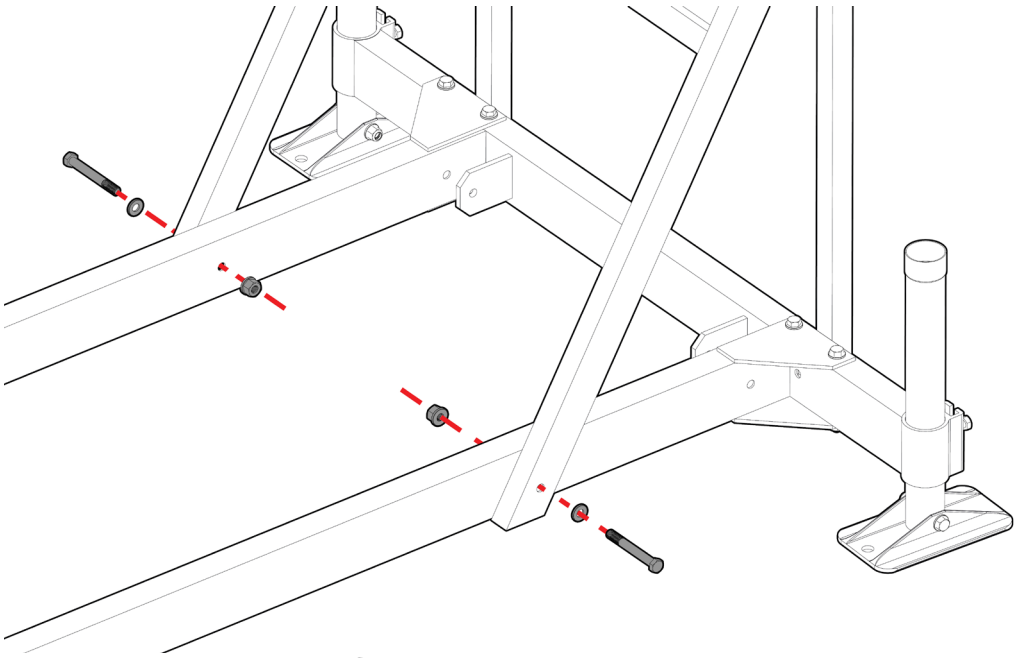
X4

1/2” LOCKNUT

X2

Do not tighten bolts. Leave bolts loose for proceeding steps.

18



1/2” x 4” BOLT

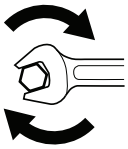
X2

1/2” WASHER

X2

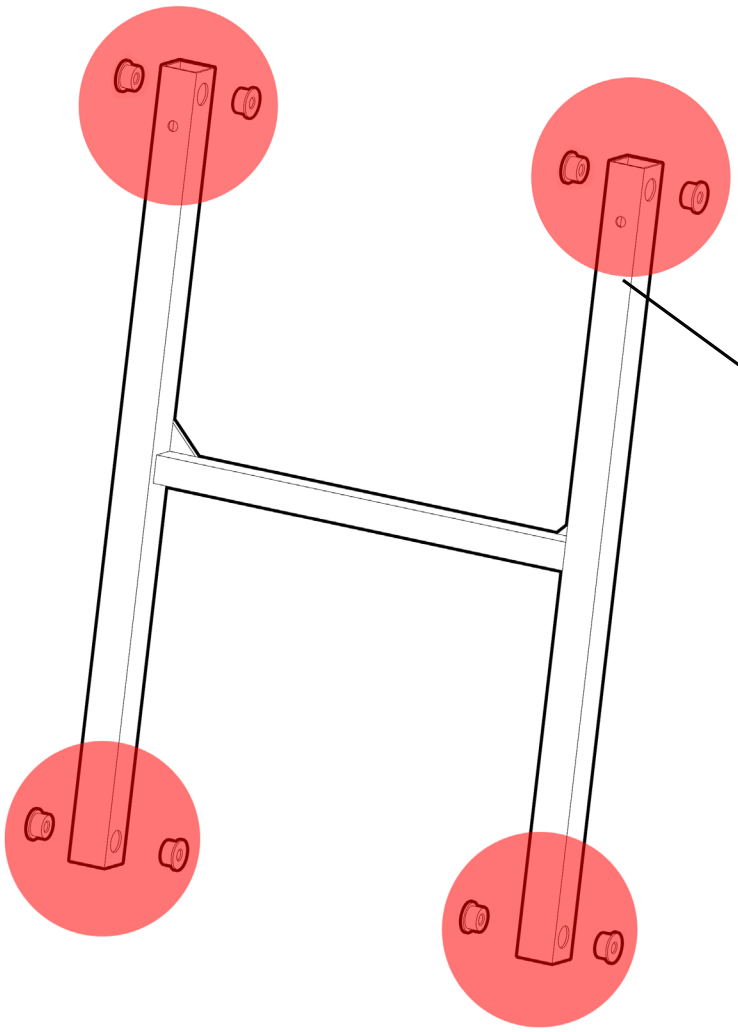
1/2” LOCK NUT

X2



Tighten bolts from Steps 12 to 18

19

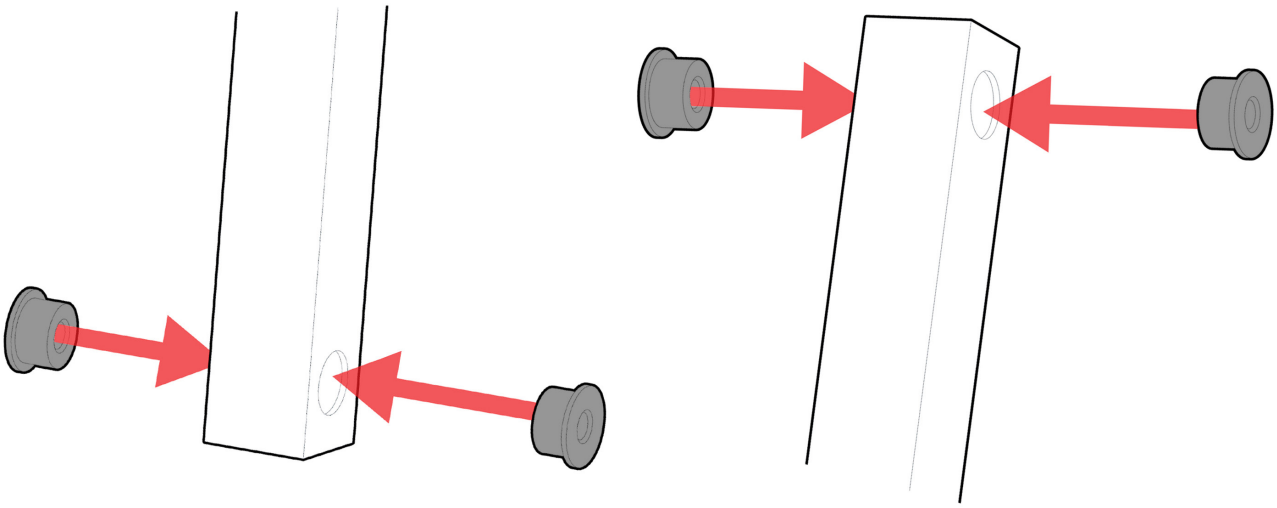


LEG INSERT

X8

Please Note: The leg section with the holes should be postioned at the back of the boat lift towards the mast-frame.

20



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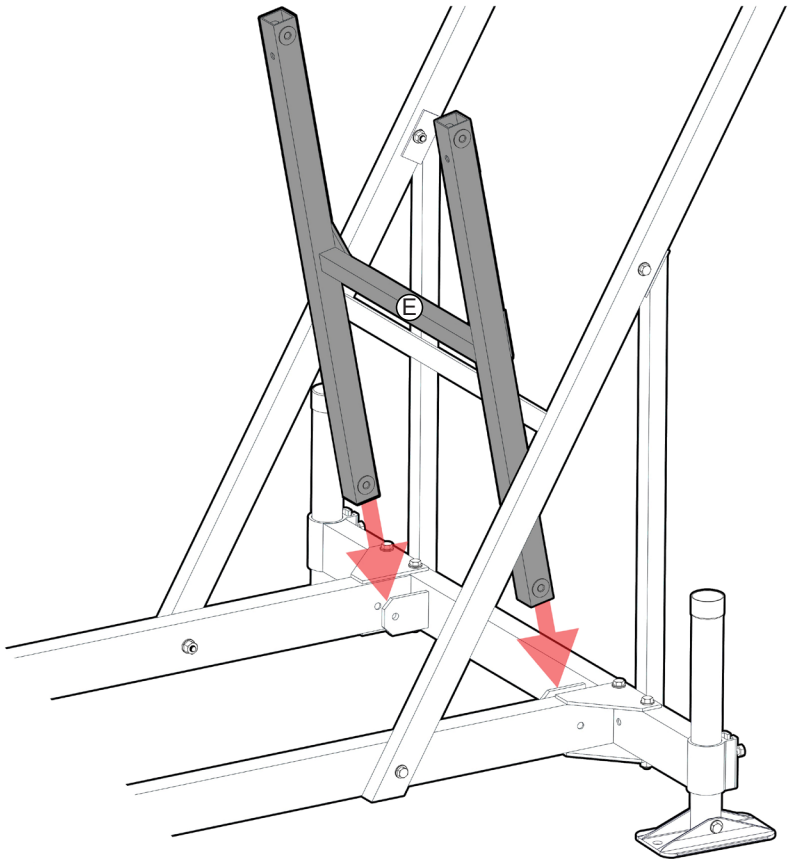
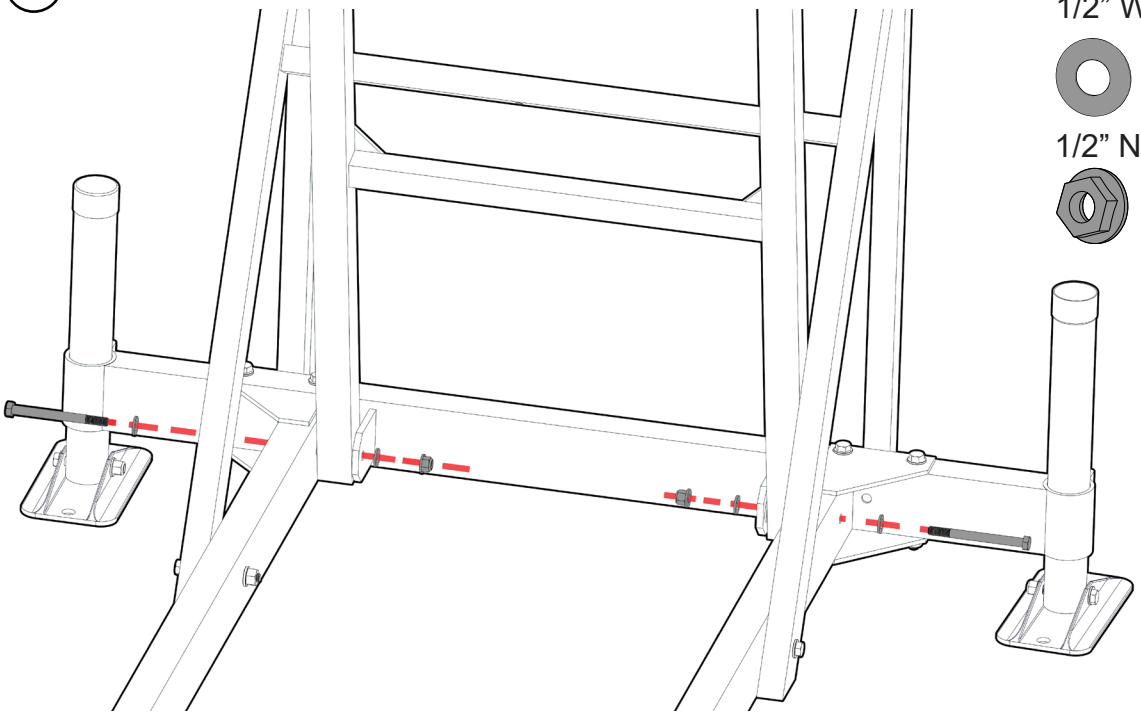


PLEASE NOTE: Ensure that the center drain hole is pointing downwards on the H frame and the triangle gussets are facing the outside of the lift.

22



1/2” x 5 1/2” BOLT

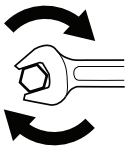
X2

1/2” WASHER

X4

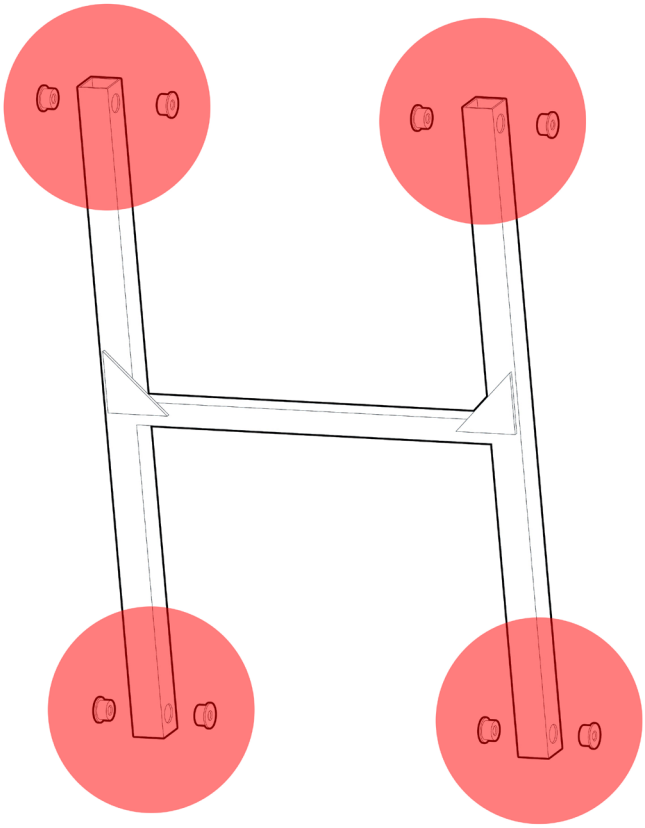
1/2” NYLOCK NUTS

X2



Tighten nylock nuts only until they are snug. The H frame needs to pivot freely.

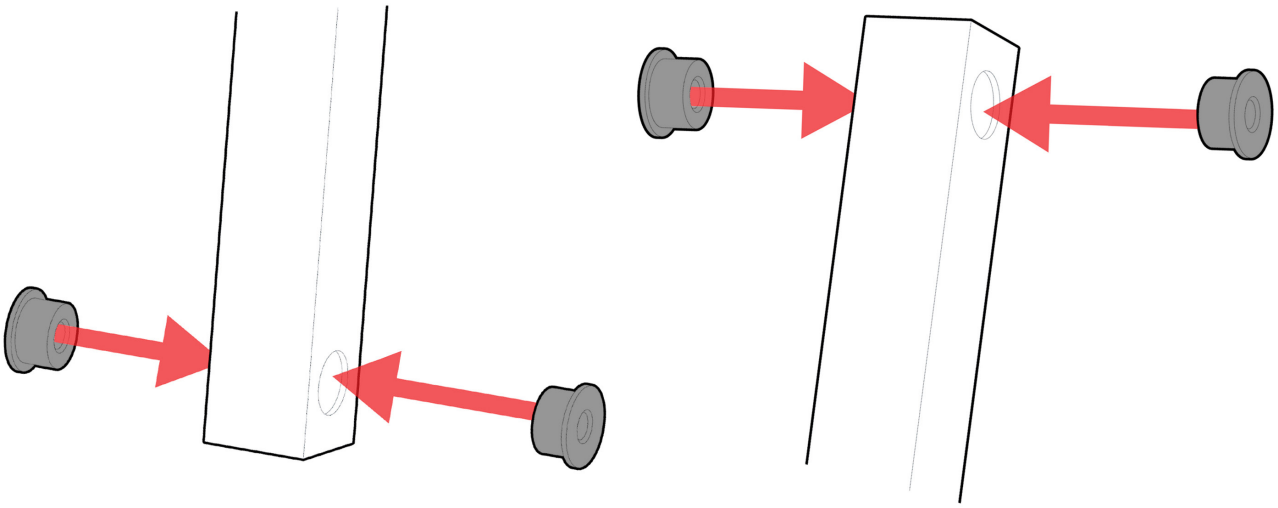
23



LEG INSERT

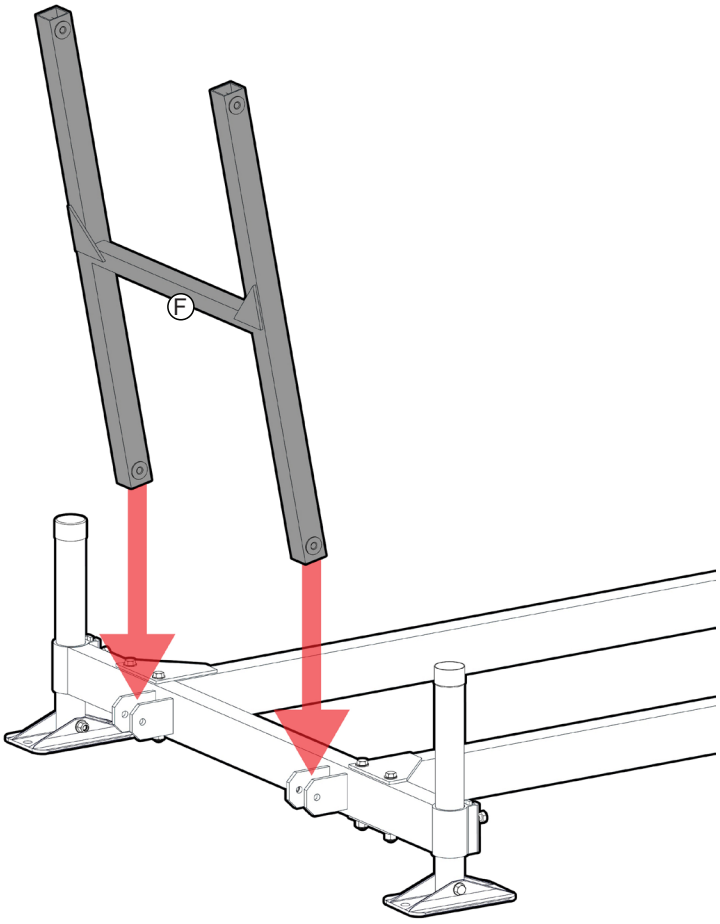
X8

24



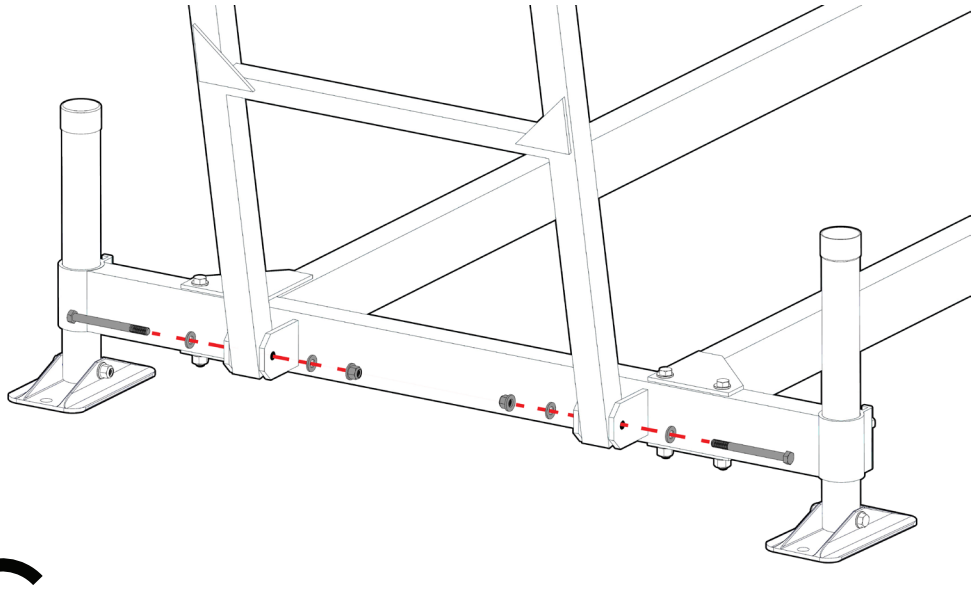
Push the nylon inserts into the holes as shown above.

25



PLEASE NOTE: Ensure that the center drain hole is pointing downwards on the H frame and the triangle gussets are facing the outside of the lift.

26



1/2” x 4” BOLT

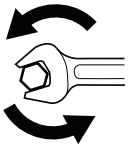
X2

1/2” WASHER

X4

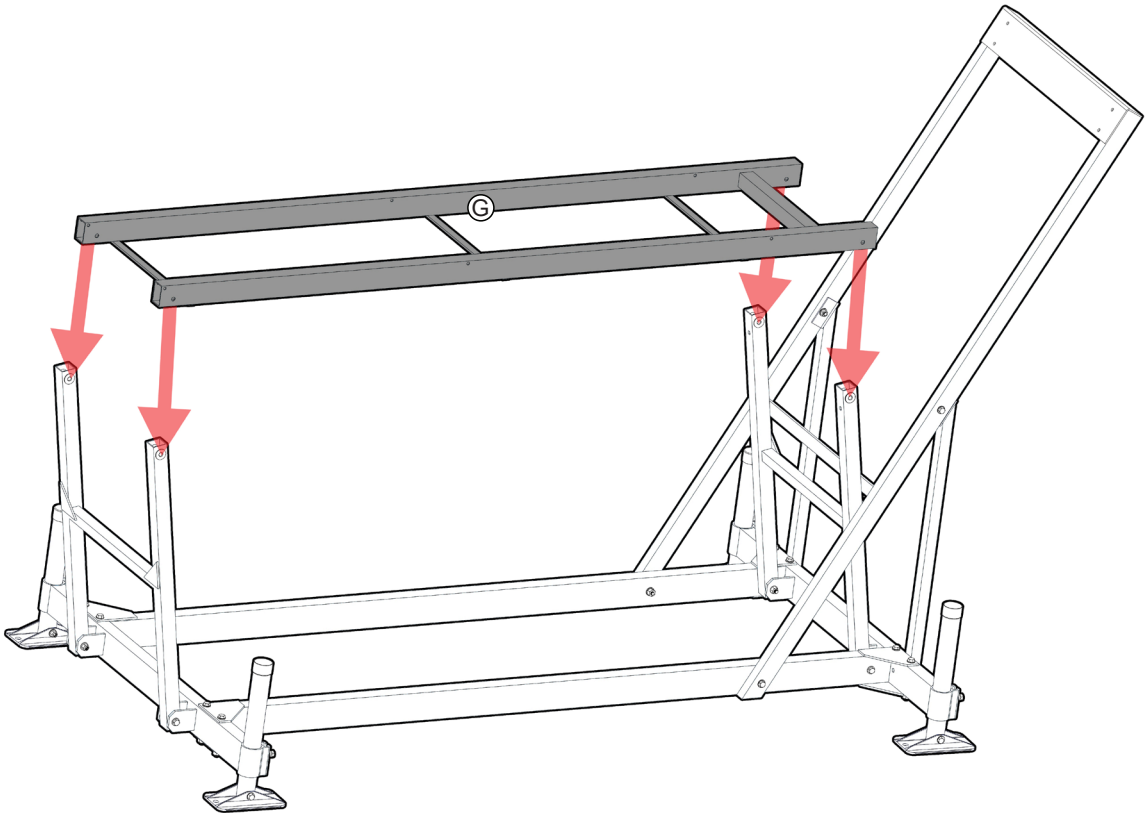
1/2” NYLOCK NUTS

X2



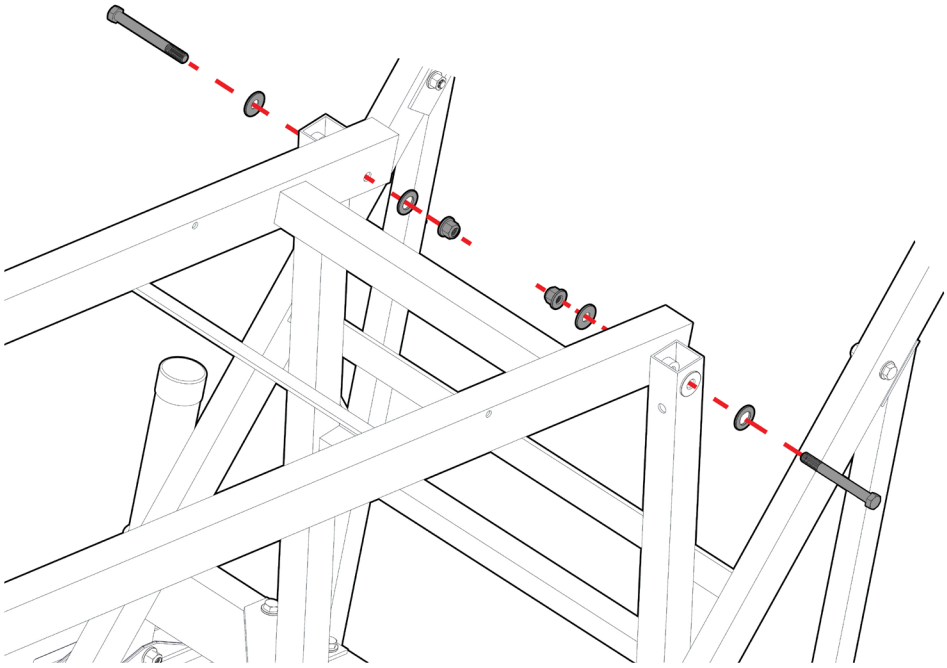
Tighten nylock nuts only until they are snug. The H frame needs to pivot freely.

27



PLEASE NOTICE: Temporarily secure the H frames with either tape, rope or C clamps so to prevent any unwanted dangerous movement when installing the Lift Bed. Ensure the orientation/position of the Lift Bed is correct before connecting to the H frames. Small cross members should be facing downwards and large cross member facing towards the mast.

28



1/2” x 5” BOLT

X2

1/2” X WASHER

X2

1/2” X 1 3/8” OD WASHER

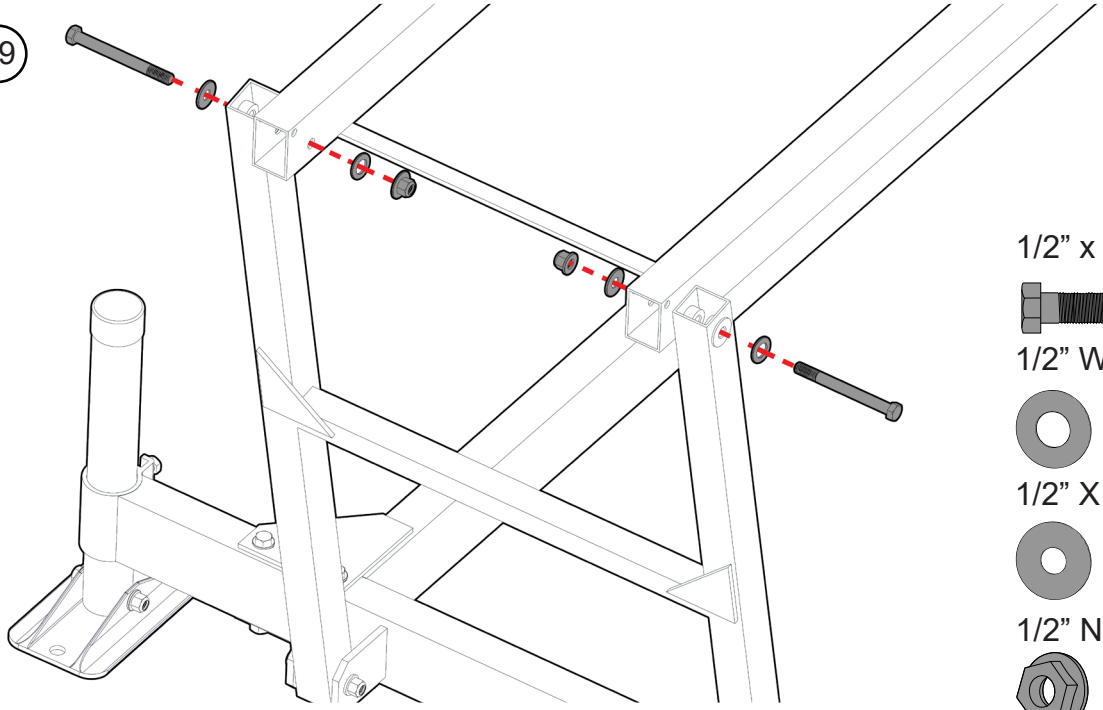
X2

1/2” NYLOCK NUTS

X2

Tighten nylock nuts only until they are snug. The H frame needs to pivot freely.

29



1/2” x 5” BOLT

X2

1/2” WASHER

X2

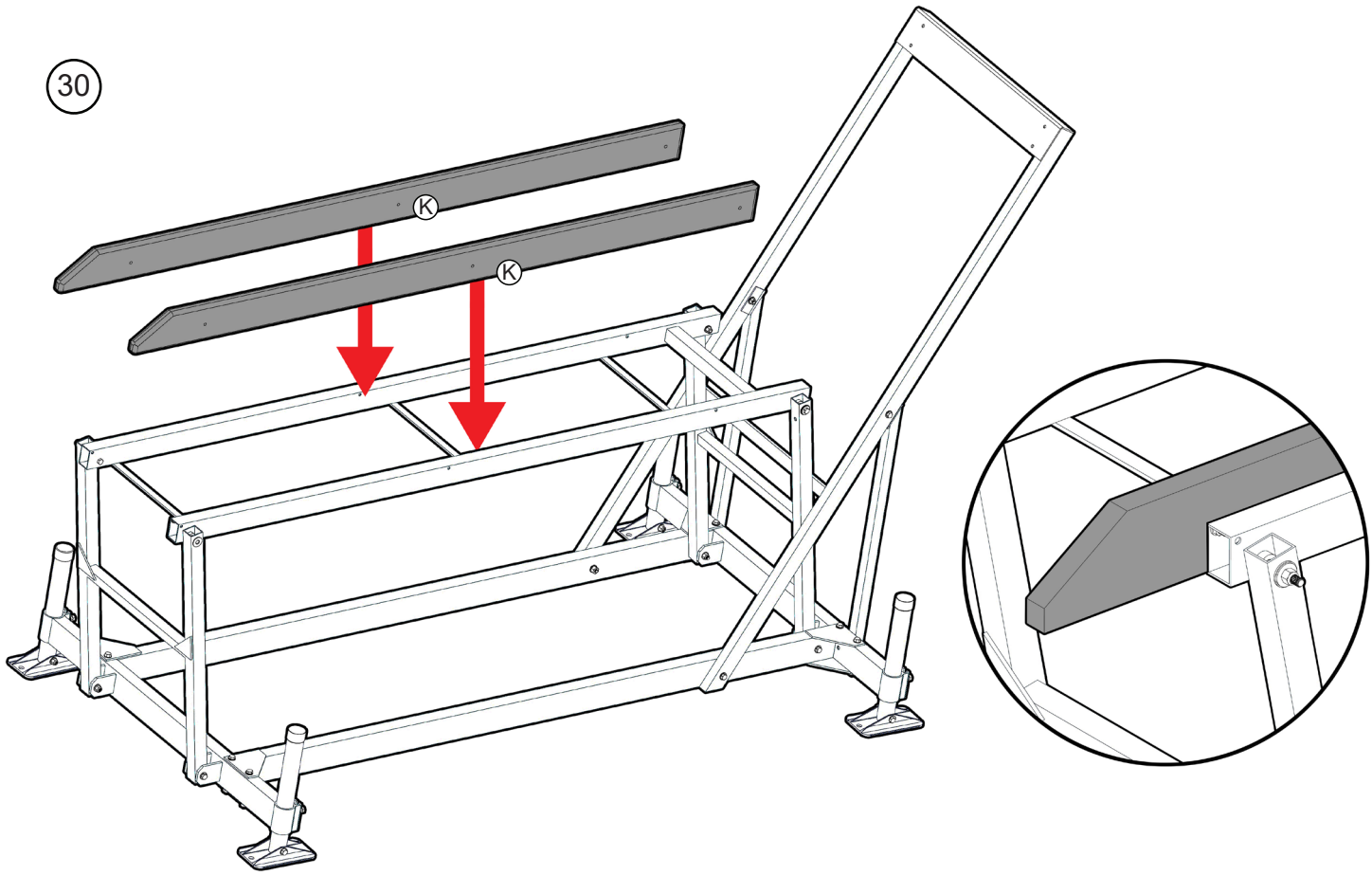
1/2” X 1 3/8” OD WASHER

X2

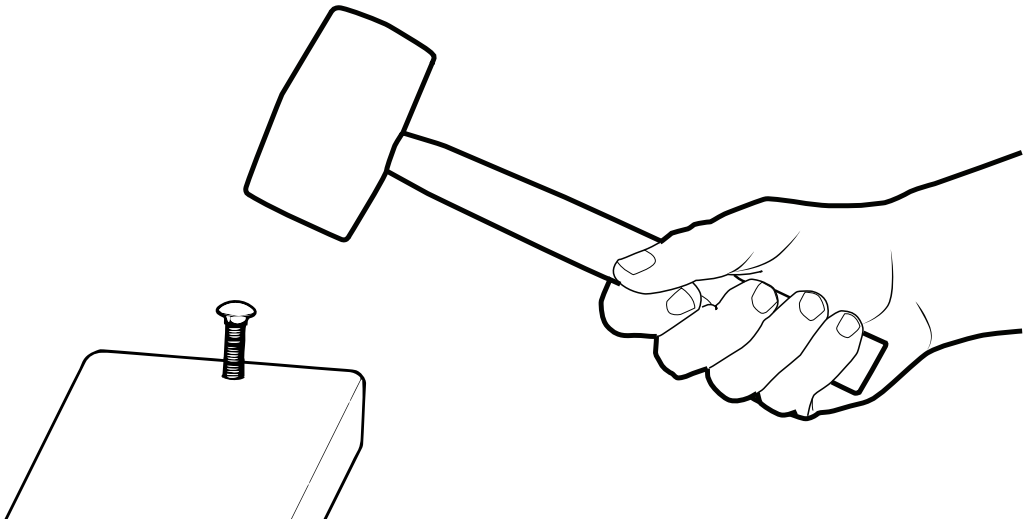
1/2” NYLOCK NUTS

X2

Tighten nylock nuts only until they are snug. The H frame needs to pivot freely.



PLEASE NOTICE: Bunks should be placed on the inside of the ladder assembly.



Beginning the Bunk Pads. It may be easier to begin by placing the carriage bolts into the bunk pads on the ground. Find on a flat section of ground and use a mallet to start hammering the carriage bolts into the carpet.

31

5/16” x 4” CARRIAGE BOLT

X4

5/16” LOCKNUT

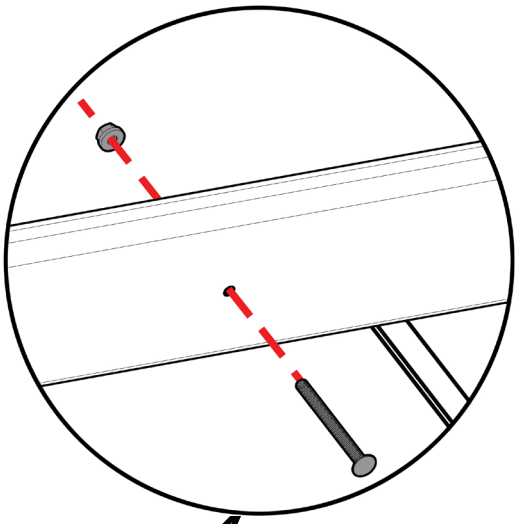
X4

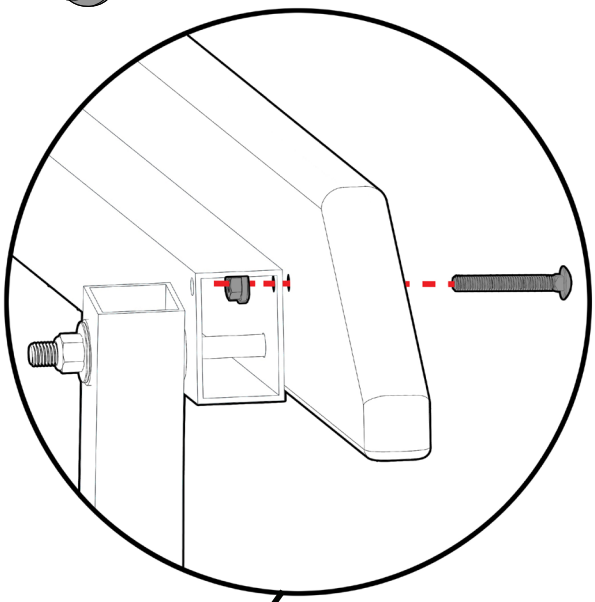
5/16” x 2 1/2” CARRIAGE BOLT

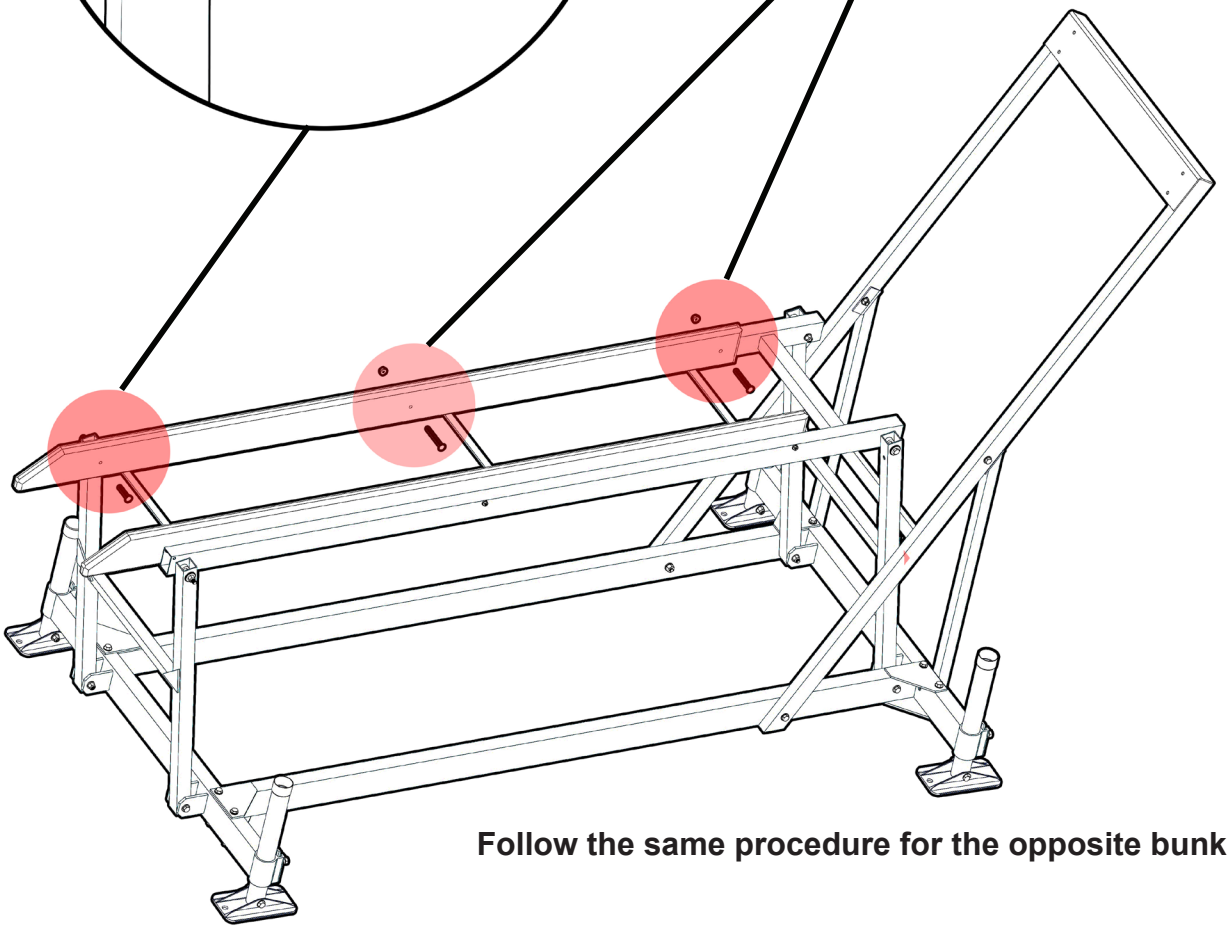
X2

1/2” LOCKNUT

X2

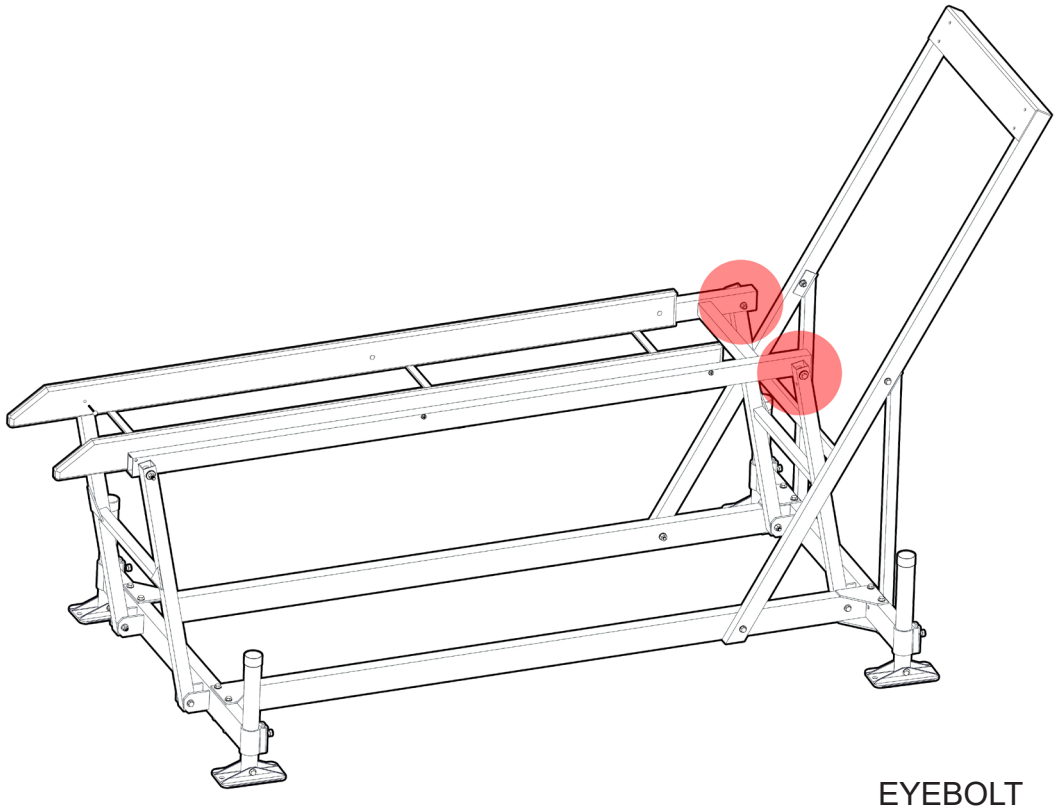






Follow the same procedure for the opposite bunk pad.

32



33

EYEBOLT

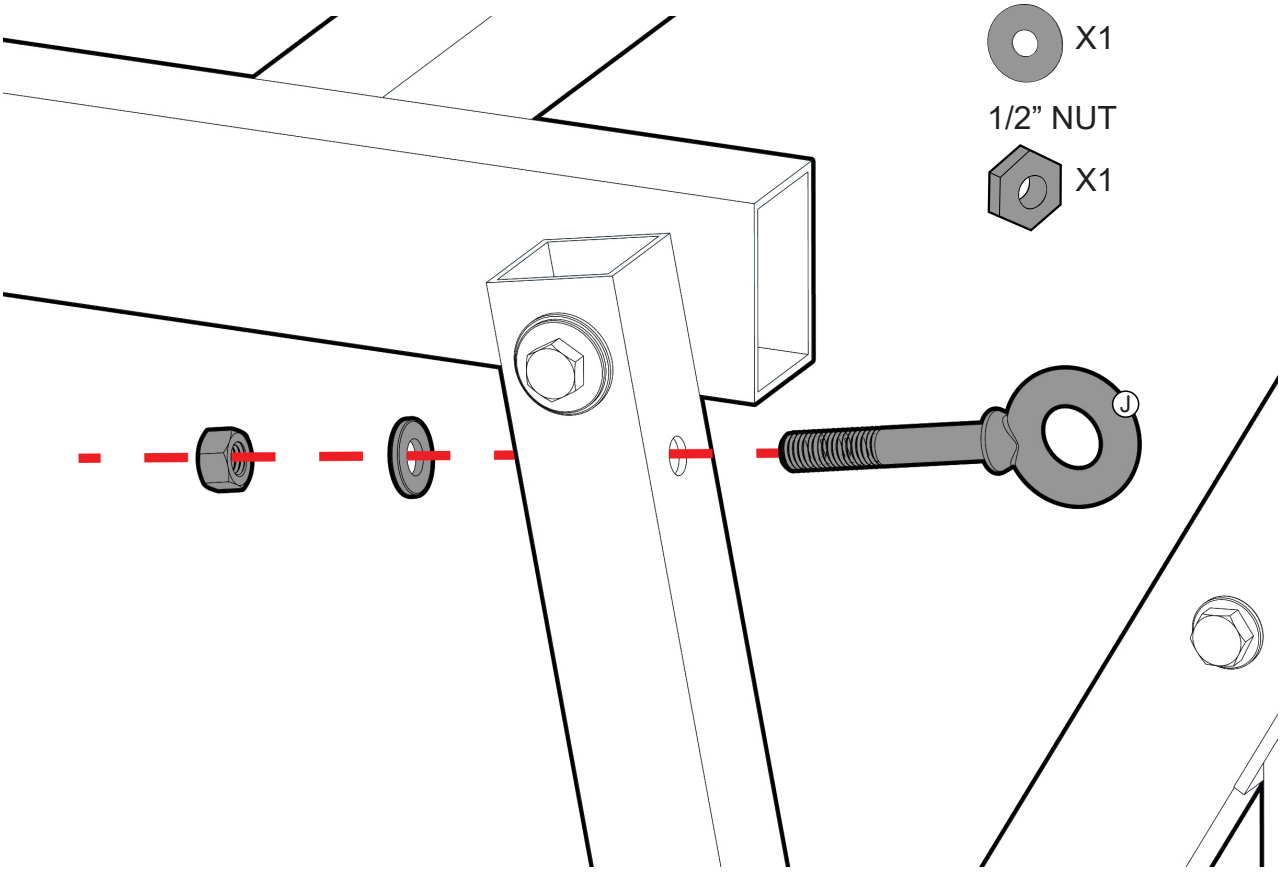
 X1

1/2” WASHER

 X1

1/2” NUT

 X1



34

EYEBOLT

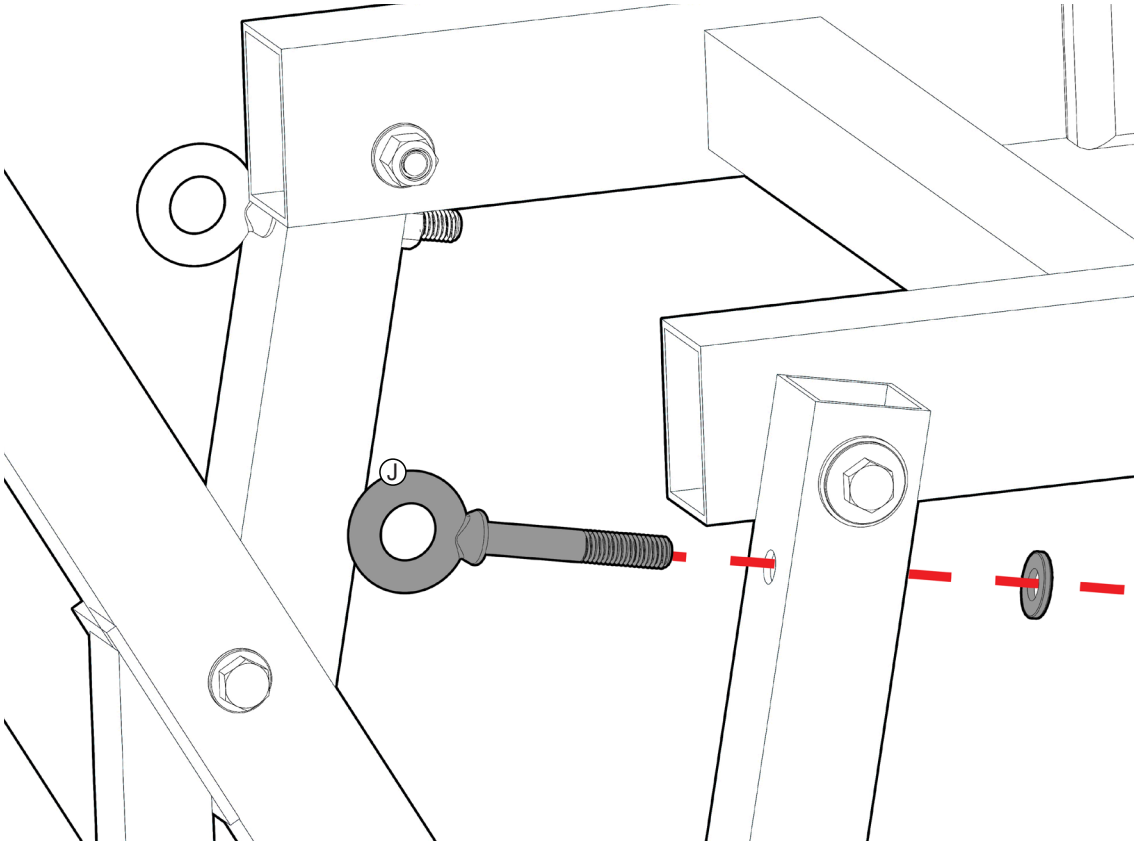
Ⓙ X1

1/2” WASHER

X1

1/2” NUT

X1



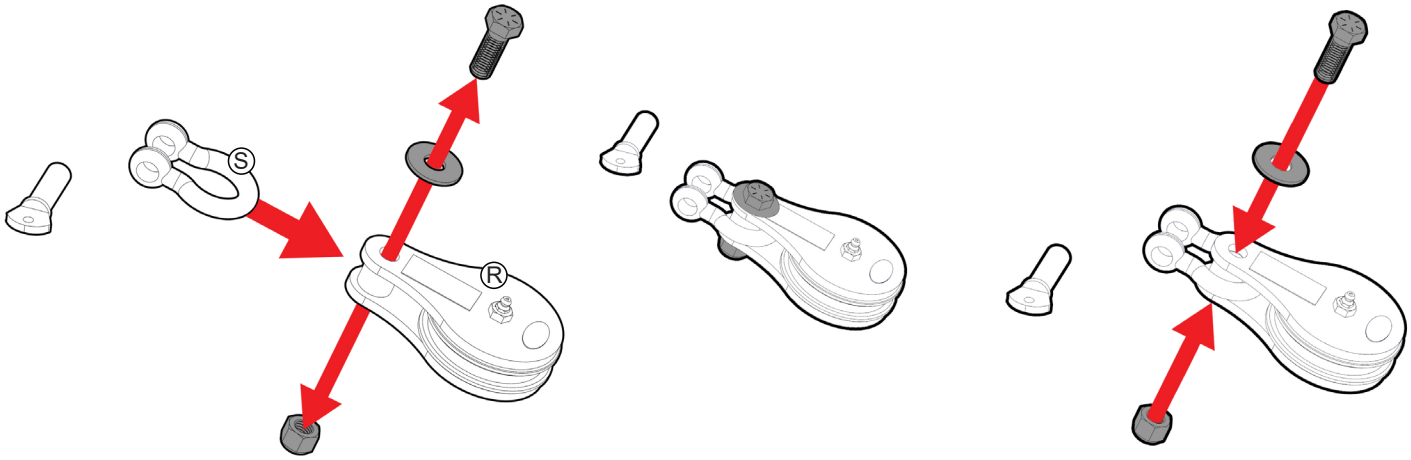
35

PULLEY

Ⓡ X2

SHANK

Ⓢ X2



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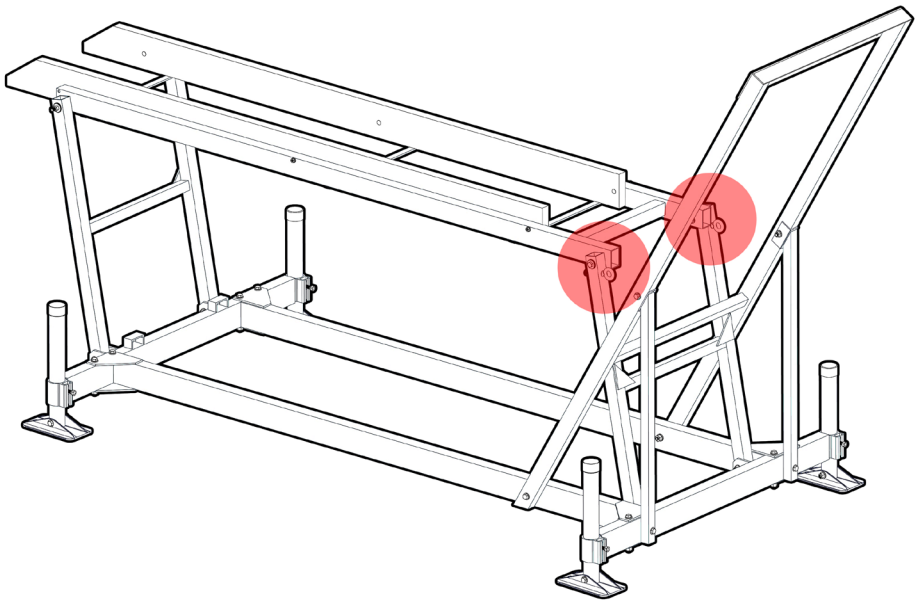

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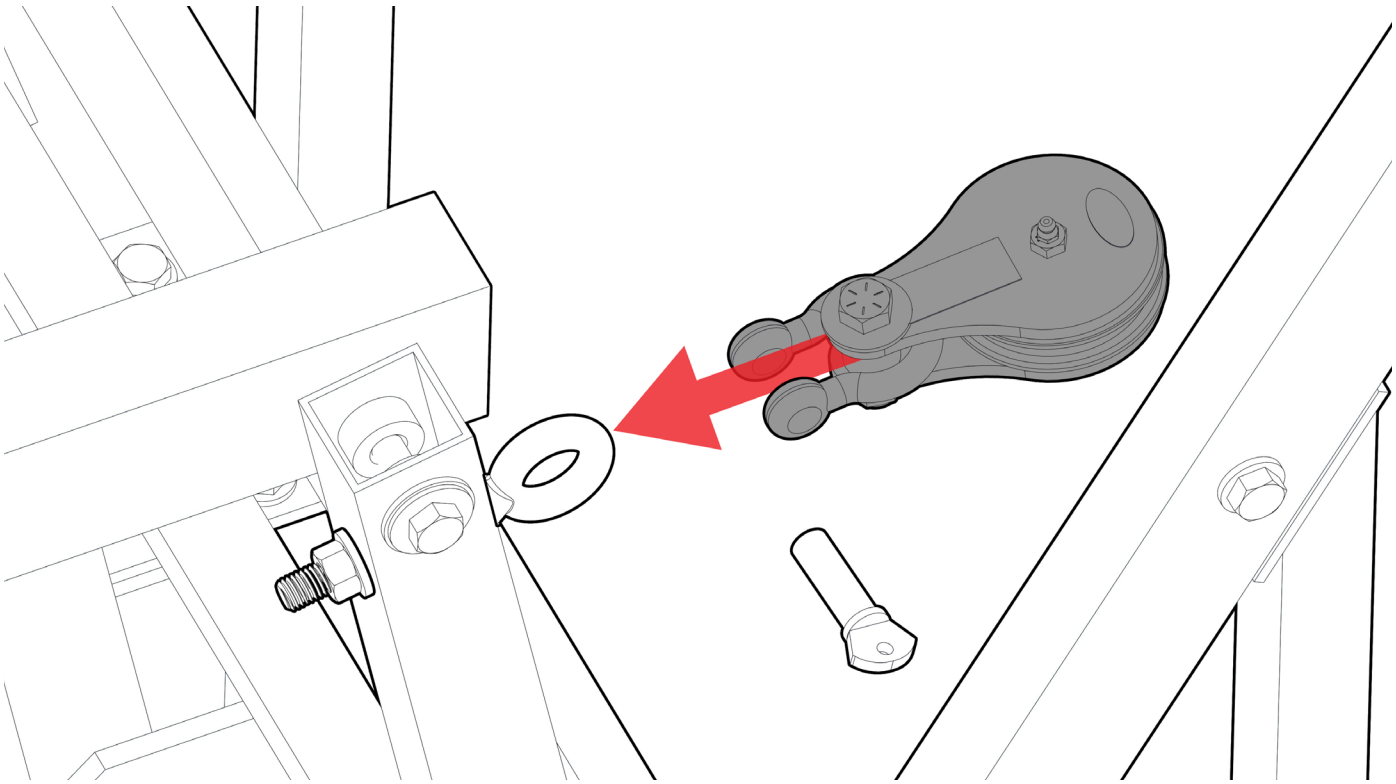

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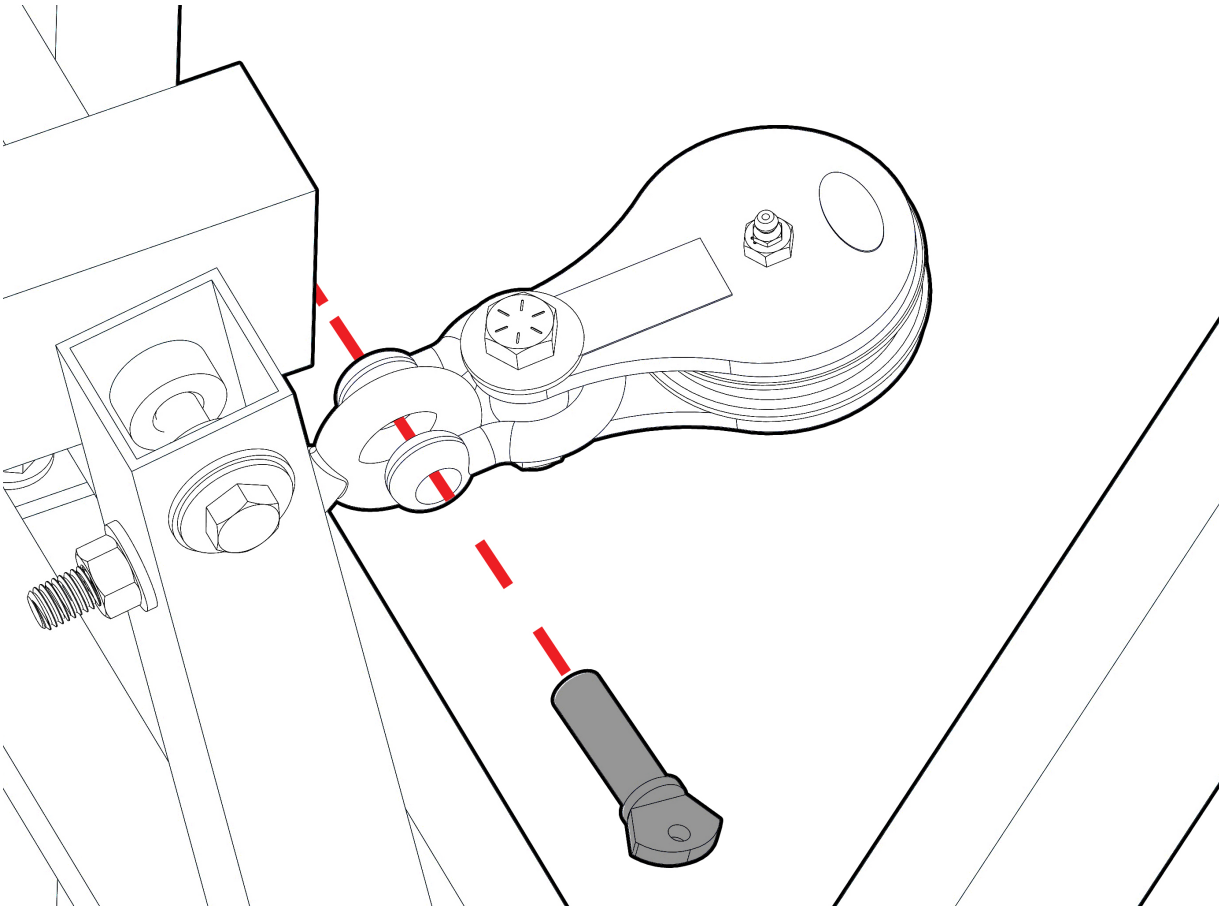
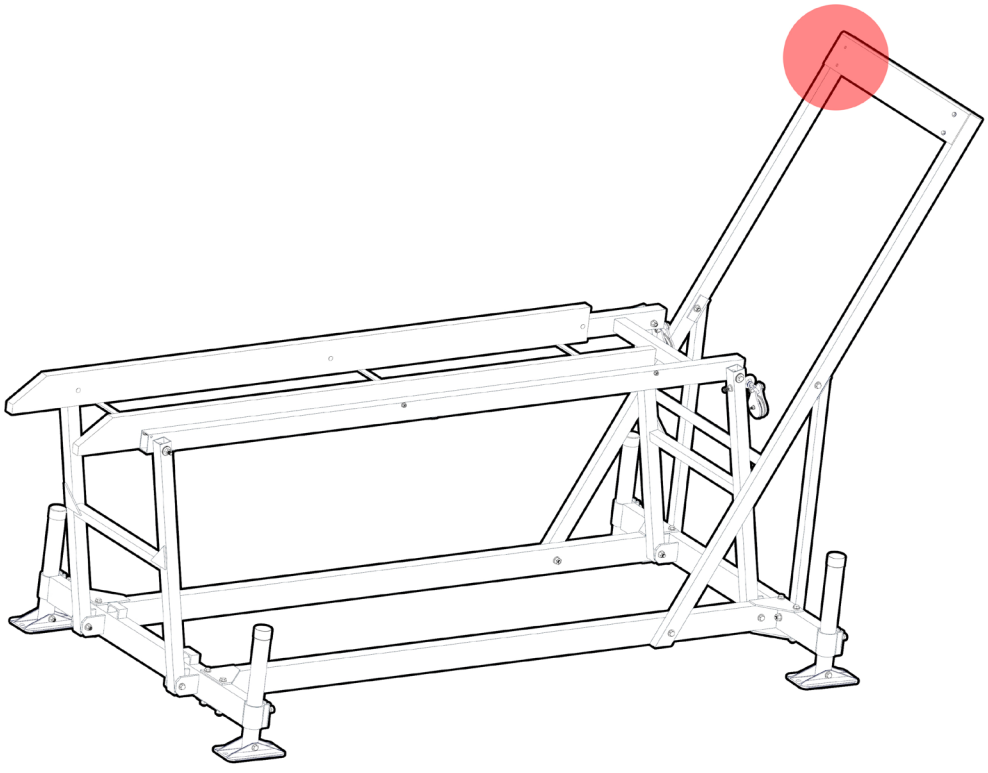


39



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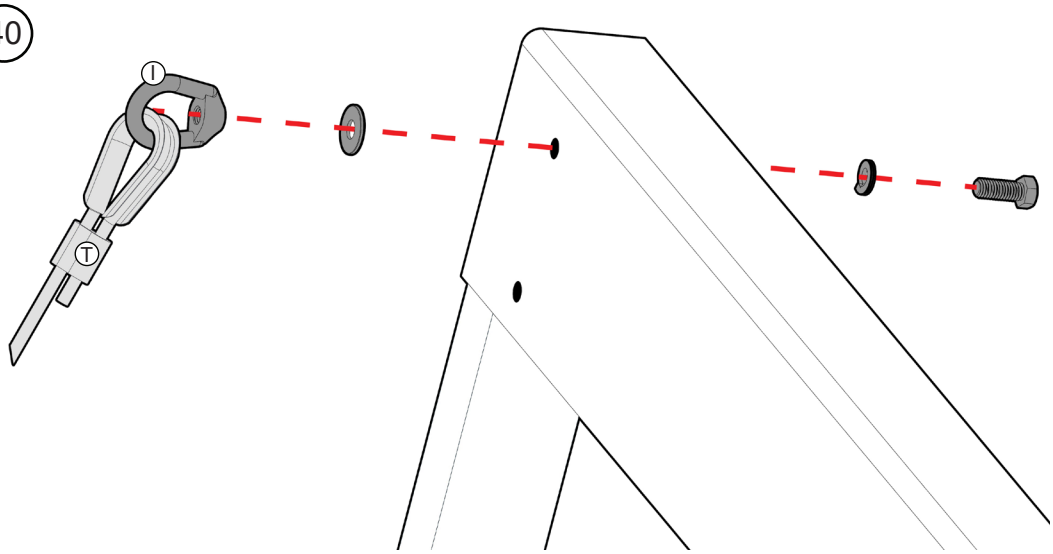


EYENUT

X1

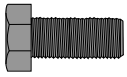
1/2” WASHER

X1

1/2” LOCK WASHER

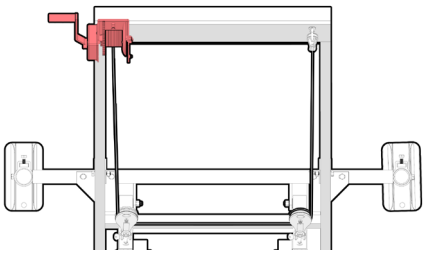
X1

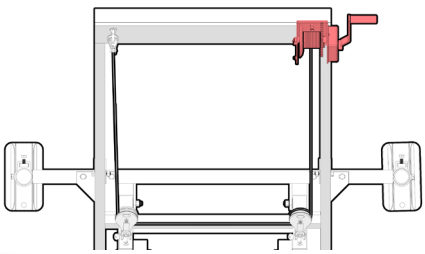
1/2” BOLT

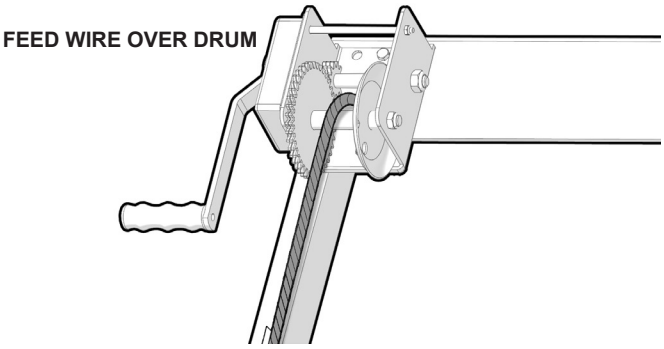


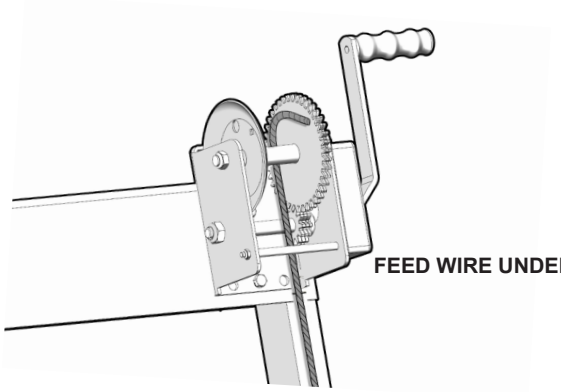
41 **WINCH SETUP INSTALLATION**

IMPORTANT: It is important to ensure you route the cable on the winch correctly so that the winch handle is turning clockwise when raising the bed. The winch may be mounted on either post depending on which side the operator will be operating the winch. Mount winch, eye nut and route wire according to which option you prefer.





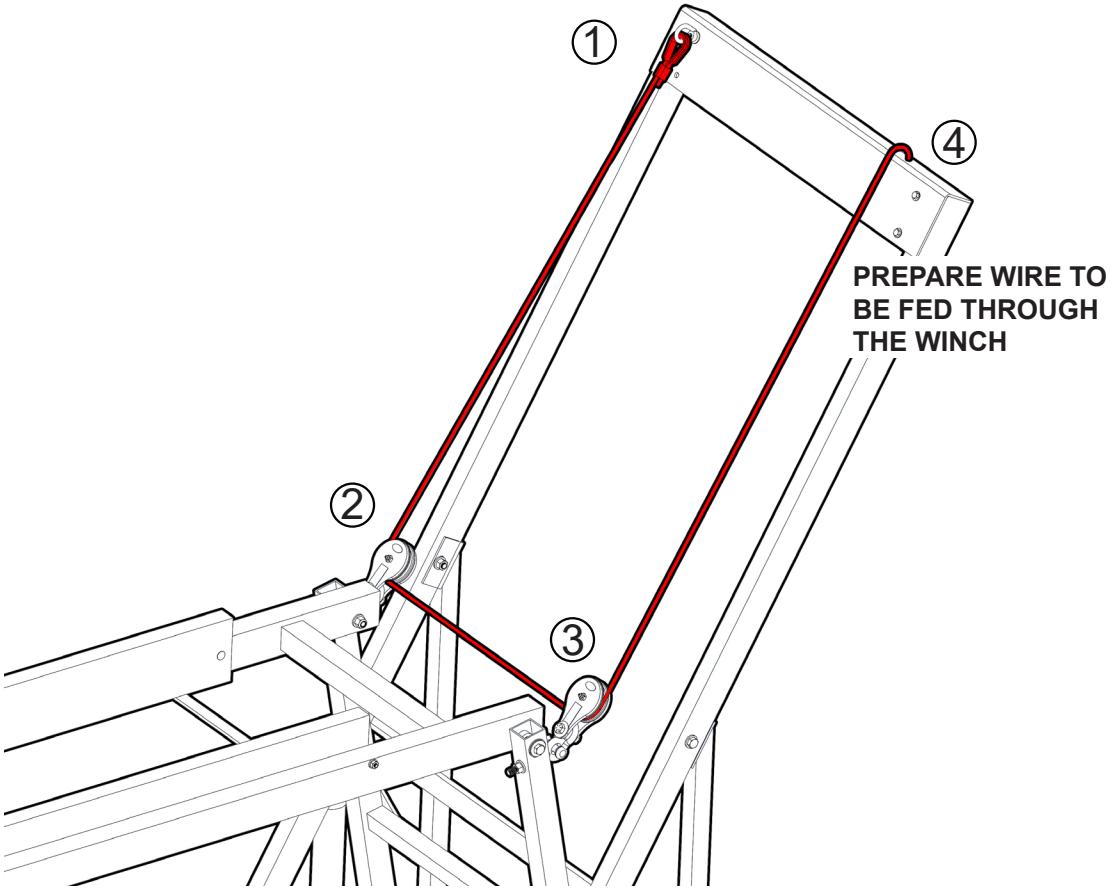




LEFT HAND Winch Installation: the cable must be threaded so it rolls or feeds over the top of the drum when rotated clockwise (lifting load).

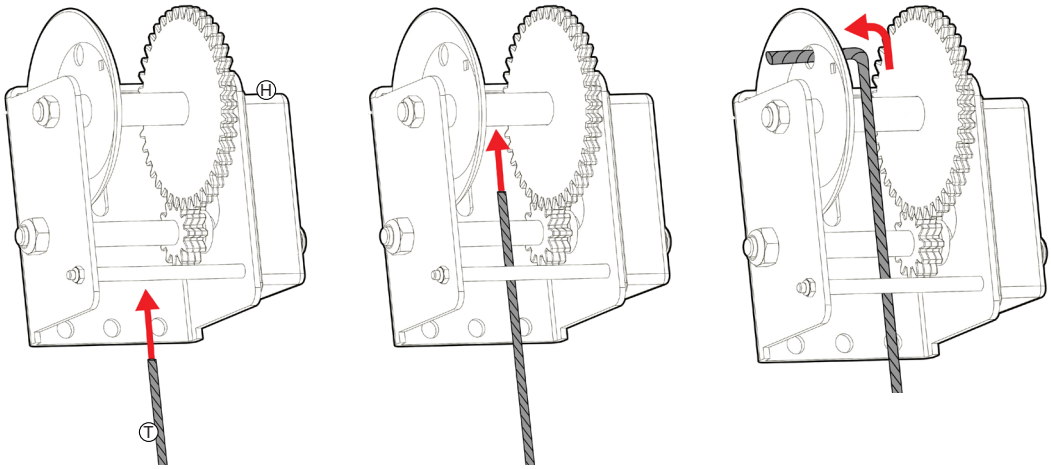
RIGHT HAND Winch Installation: the cable must be threaded so it rolls or feeds under the bottom of the drum when rotated clockwise (lifting load).

ALSO BE SURE TO REVIEW ANY WINCH SPECIFIC INFORMATION/INSTRUCTIONS INCLUDED WITH THE WINCH MANUAL.

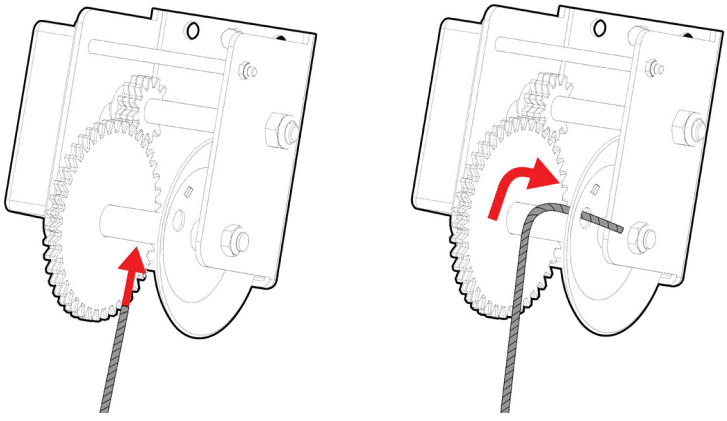


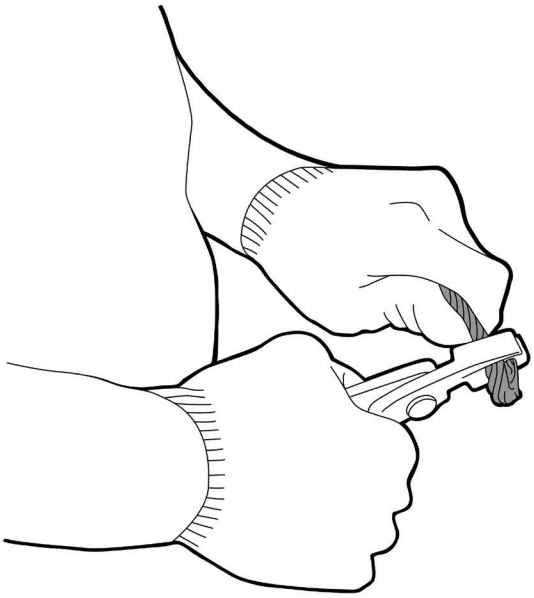
42 Looping Procedure

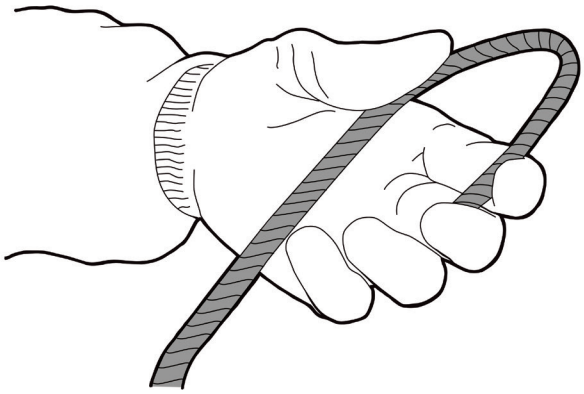
Right Handed Winch Setup



Left Handed Winch Setup

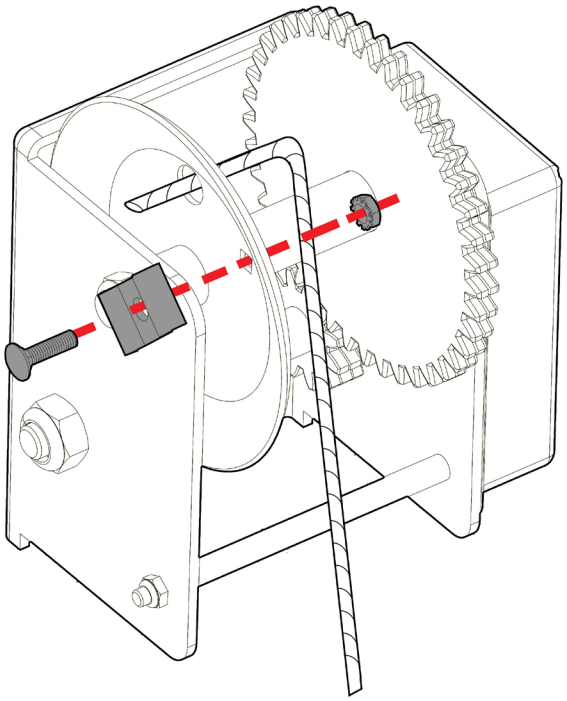


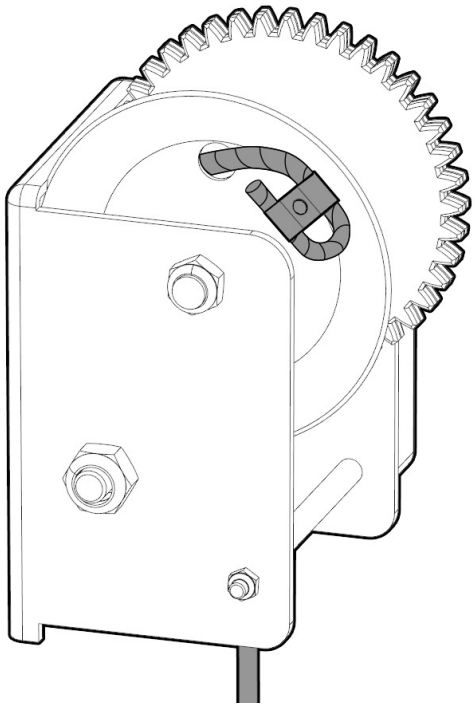




With the wire fed through the spool take flat nosed pliers and bend the end of the wire approximately 2 inches from the end. Remember to wear gloves.

43





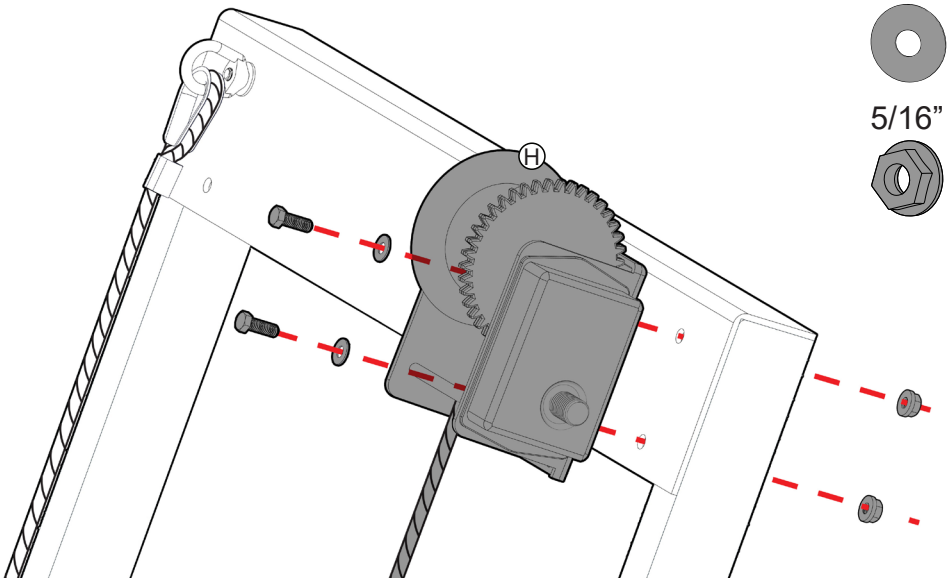
Attach the wire bracket assembly to the spool loosely. Take the bent portion of the wire and loop through the bracket (as shown above). Tighten the bracket assembly.

44

5/16” x 1” BOLT

5/16” WASHER

5/16” LOCK NUT



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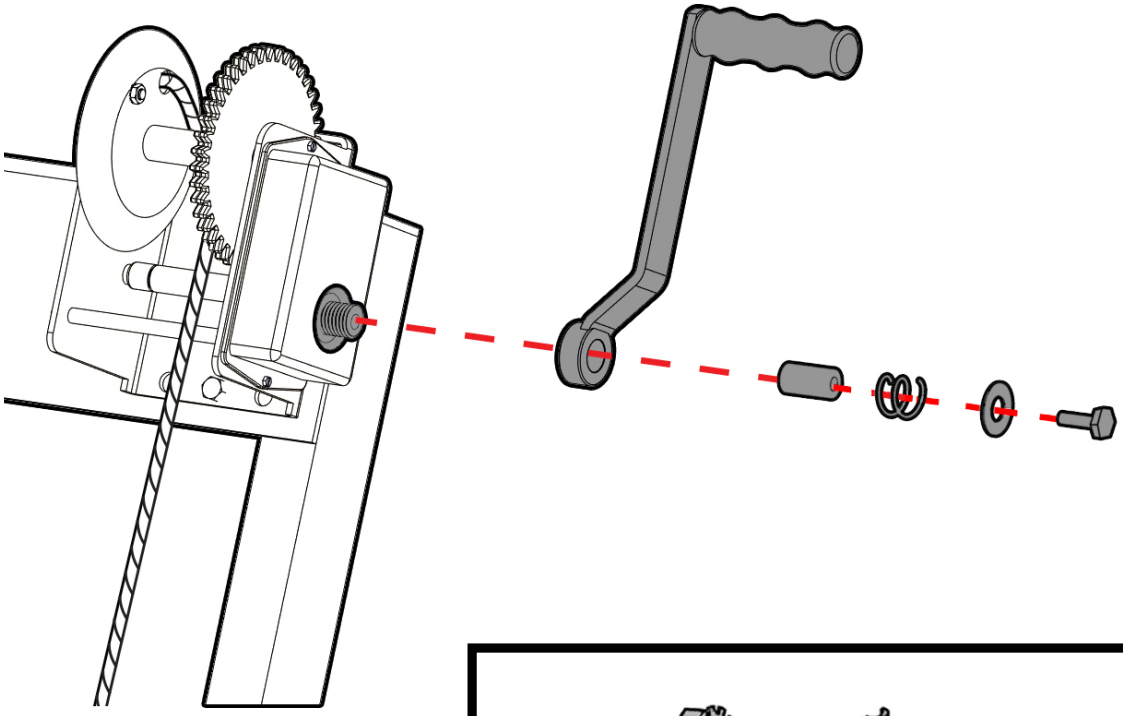
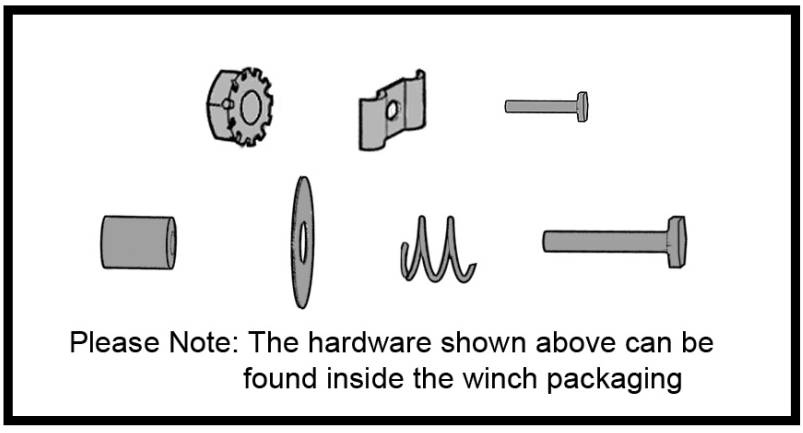
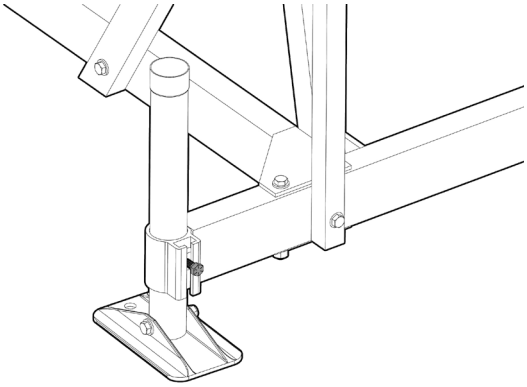
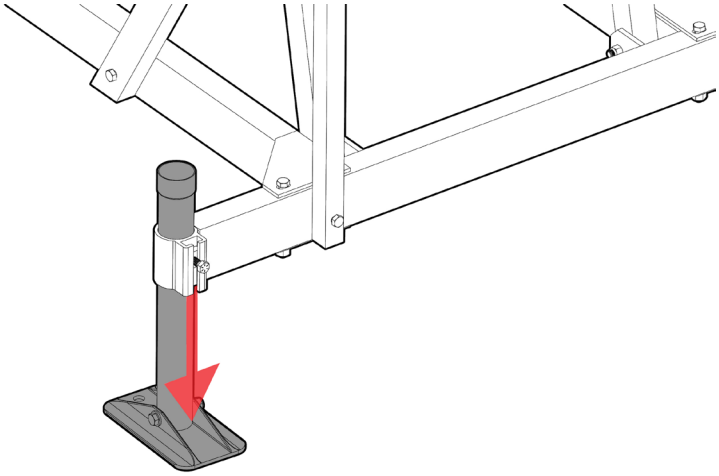
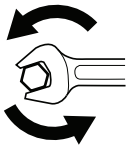




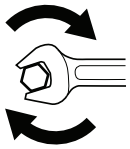
Please Note: The hardware shown above can be found inside the winch packaging



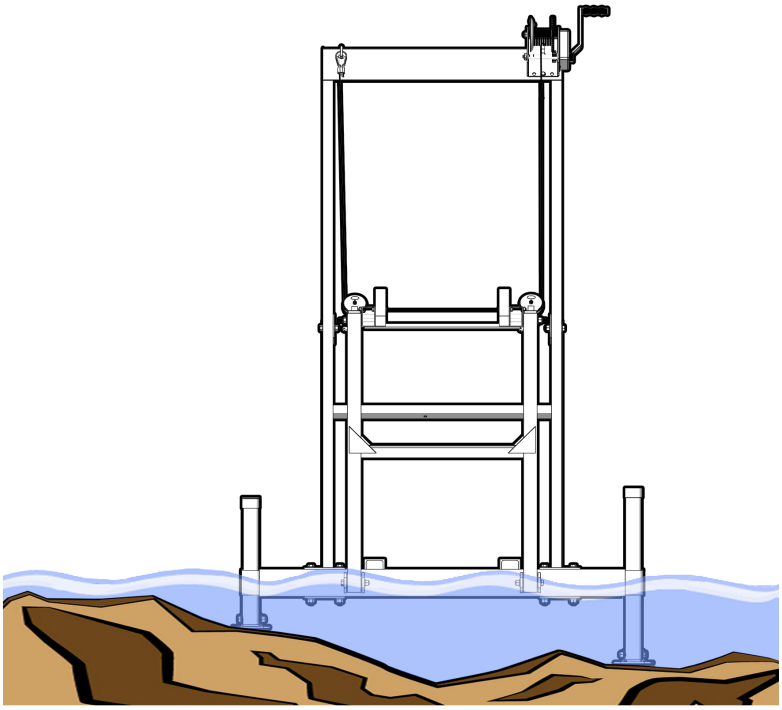




Loosen bolts to adjust leg.



Adjust legs according to depth needed. Tighten when adjustment has been made.



Adjust legs according to depth needed for underwater terrain.

4. OPERATION

4.1 BEFORE OPERATING THE LIFT
1. Read and know the instructions and ensure that any intended users understand the proper operating procedure.
2. Follow the Pre-Lifting Checklist before operating.
3. Do not use the lift if it shows and signs of damage.
4. Check that the winch is reeved properly.
5. Never lift anything other than a PWC with this lift.

WARNING: The PWC must be properly positioned on the lift before doing any lifting or lowering. Failure to do this could result in personal injury and/or equipment damage.

4.2 TESTING THE WINCH OPERATION

1. Raise the empty lift bed about one fourth of the way up (9”) and release the winch handle. The winch handle or power drive must turn clockwise when raising the lift bed. The brake pawl must click, indicating that the break is operative. An empty lift bed will have a normal tendency to lower more slowly than a loaded one. (For winch related inquires please refer directly to the winch manual)
2. Repeat step 1 in the half, three-quarters, and full lift positioning.
3. Lower the empty lift bed and perform steps 1 & 2 with PWC on the lift. The winch handle or power drive must turn counter-clockwise when lowering the lift bed. When the lift is loaded, the self-activating mechanism should prevent the lift bed from lowering as soon as the operator stops turning the winch handle.

WARNING: If the winch handle starts to spin-down or freewheel from any test position, do not try to stop it. Do not use a lift in this condition.

4. Contact dealer or service representative if the winch mechanism fails to perform as described in this section. Do NOT tamper with the winch mechanism.

4.3 LIFTING AND LOWERING THE LIFT BED

WARNING: Never allow anybody to walk on the lift bed or be on the PWC when it is in the raised position.

1. Raise the lift bed by turning the winch handle clockwise. The self-activating brake mechanism will hold the lift bed at any desired height.
2. The lift bed should be raised so there is a minimum of 1 foot clearance between the bottom of the PWC and the highest potential water height for your area.
3. Lower the lift bed by turning the winch handle counter-clockwise. Do not continue lowering the lift bed after the PWC floats freely from the lift bed.
4. Ensure that all fingers and clothing are kept clear of moving parts.
5. Check the lift periodically for frayed cable and/or binding pulleys.

4.4 SECURING THE LIFT WHEN NOT IN USE

At the end of any operation, secure the lift to prevent unauthorized use. Proceed as follows:
1. Raise the lift bed to the desired height.
2. Padlock the winch handle to the post to prevent unauthorized use when your PWC lift is unattended.

5. INSPECTION AND MAINTENANCE

5.1 GENERAL MAINTENANCE RULES

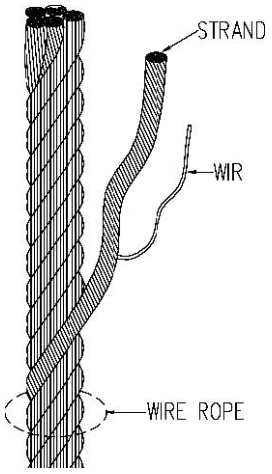
1. Do not weld or otherwise modify the lift. Such alterations may weaken the structural integrity of the lift and invalidate your warranty.
2. Completely lower the lift before performing any type of maintenance or repair.

5.2 WIRE CABLE INSPECTION PROCEDURE

Inspect the wire cable prior to each use for signs of wear, damage or pinching. Inspect the entire working length of the rope. Thoroughly inspect the cable sections that pass through pulleys or that make opposing turns. While inspecting, examine end attachments and any other surfaces contacting the wire cable during operation. Correct any condition harming the cable at this time.

WARNING: Wear heavy leather gloves when handling wire rope. Insufficient hand protection when handling wire cable can cause injury.

Remove and immediately replace wire cable with one or more of the following defects:
1. Corrosion.
2. Broken wires:
    a. With one or more valley breaks. A valley break is where a wire break occurs between two adjacent strands.
    b. When six randomly distributed broken wires in one cable lay. A cable lay is the length of cable along which one strand makes a complete revolution around the cable (see diagram below).
3. Abrasion: scrubbing, flattening or peening causing loss of more than one-third of the original diameter of the outside wires.
4. Kinking: severe kinking, crushing, bird caging or other damage causing distortion of the cable structure. Bird caging is a bulge in the cable caused by the individual wires becoming untwisted (this untwisting is usually caused by impact loading on the cable, such as a sudden stop).
5. Heat damage: evidence of any heat damage caused by a torch or by contact with electrical wires.



Wire Cable Components

6. Reduction of more than 1/64” from a nominal 5/16” or less diameter cable. Reduction of more than 1/32” from a nominal 3/8” to 1/2” diameter cable.

5.3 ANNUAL INSPECTION PROCEDURE

At least once a year, the lift must be thoroughly inspected using the following procedure:

WARNING: Do not allow anybody to use the lift until this maintenance is complete.

1. Tighten all bolts.
2. Check the pulleys to insure that they spin freely. If they bind, replace them immediately.
3. Check the frame thoroughly for defects.
4. Perform the winch maintenance as described in section 5.4.

5.4 ANNUAL WINCH MAINTENANCE

WARNING: The winch maintenance schedule must be followed to avoid possible equip ment failure or personal injury.

1. Apply automotive type grease to both the pinion and drum gear teeth, and to the outside diameter of the drum bearing. Always keep this light film of grease on the gear teeth.
2. During each usage, check for proper ratchet operation as follows:
    a. When lifting with clockwise rotation, a clicking sound should be heard.
    b. When lowering with counter-clockwise rotation, there is no clicking sound.

WARNING: After winch maintenance has been performed, test the winch mechanism as described in section 3.2 before letting anyone use the lift.

5.5 STORAGE PROCEDURE

1. Protect your lift from damage caused by environmental factors such as airborne fallout, chemicals, tree sap and diverse weather hazards by inspecting and cleaning periodically.
2. Never use the lift to hang or store any other items.
3. Do not allow anyone to swim or play near the lift at any time.
4. Padlock the winch handle to the post when your PWC is unattended. Never assume you will find the lift in the same condition that you left it.

6. TROUBLE SHOOTING

SYMPTOM	CAUSE AND CORRECTIVE ACTION
Winch cable rubs against inside of winch or against vertical leg.	□ Winch has been incorrectly reeved or mounted– see Section 6.2 or contact dealer or service representative.
Winch won't raise lift bed (cable is not rubbing on any part of the winch or lift frame).	□ Winch has been reeved incorrectly - winch must turn clockwise to raise lift bed. Winch needs re-threading, see Section 6.2 or contact dealer or service representative. Foreign object has become caught in lift,. Clear object.
Winch fails to hold the lift bed in a given position as described in the test procedure.	□ Contact dealer or service representative - tampering with the winch mechanism can cause equipment damage that may invalidate your warranty.
Winch is operating properly, but lift bed raising is either difficult or impossible.	□ Lift bed is binding because frame is either not square or not set level in the water – leg adjustment required. □ One or more wires are broken – replace rope. □ One or more pulleys are binding - replace pulley. □ Load exceeds rated capacity - reduce load weight as needed. □ User or manufacturer installed locking devices are in place - remove these. □ Auxiliary equipment such as boating hardware has been improperly hung on lift - remove this equipment permanently. □ Wood bunks are binding on the lift bed – move and reclamp arm plates as needed.
PWC is not lifting level—stern is lifting higher or lower than the bow.	□ Frame is not level in the water - readjust height of legs, see Section 6.1 or contact dealer or service representative.
PWC shifts position when operating the lift.	□ PWC is not properly secured on the lift - failure to properly secure PWC can cause equipment damage and/or serious personal injury.
Lowering operation triggers a "freewheeling" of the winch handle.	□ Winch has been reeved incorrectly - winch must turn counterclockwise to lower the lift bed. Winch cable needs to be re-threaded. □ Unauthorized brake pawl release has occurred - do not try to correct this yourself. Contact dealer or service representative immediately.
Lowest lift bed position is too high or low relative to the water.	□ Readjust height of extension legs – see Section 6.1 or contact dealer or service representative.

7. REPLACEMENTS & ADJUSTMENTS

7.1 LEG ADJUSTMENT

Ensure each foot plate has a solid, flat base to rest on. It may be necessary to place a concrete slab (or similar) under each plate in order to maintain stability.

WARNING: Before performing any adjustments, remove the PWC from the lift and place the lift bed/bunks in the fully raised position.

Step 1 – Loosen (but do not remove) bolt on leg bracket with ¾" or 19mm wrench.

Step 2 – Raise or lower leg to desired height.

Step 3 – Using a spirit level, check for side-to-side and front-to-back alignment. Adjust leg(s) as required until unit is level.

Step 4 – Fully tighten bolt on leg bracket with ¾" or 19mm wrench.

7.2 CABLE REPLACEMENT

WARNING: Before replacing the cable, remove the PWC from the lift and place the lift bed/bunks in the lowered position.

Note: the instructions below are for a left hand mounted winch, you will need to flip the procedure for a right mounted winch and feed the cable onto the winch between the backside of the drum and the winch frame.

Step 1 – Securely connect the eye nut provided on the looped end of wire cable to the mounting hole provided on the mast angle with the 3/8” x 1” hex head cap screw provided being sure to place the fender washer provided between the eye nut and the mast angle.

Step 2 – Route cable down through 1st pulley (located on same side as U-bolt).

Step 3 – Route cable horizontally through 2nd pulley (located on opposite side of frame).

Step 4 – Route cable up over the front of the winch drum. Clamp end with approx. 1” of cable extending beyond clamp. Wind up excess cable onto drum with minimal gaps between wraps. Ensure that cable does not rub against any part of winch frame or vertical lift.

WARNING: Ensure clockwise rotation of the winch handle raises the lift bed and an audible ‘click’ of the brake pawl is heard upon raising.

8. WARRANTY

CanadaDocks Inc. warrants all PWC 1200 Lifts built equipment purchased new by the original owner to be free from defect in the material and workmanship under normal use for a period of 24 months from the original date of purchase (excluding components and options which carry their own manufacturer's warranty, wherein that warranty will apply).

CanadaDocks Inc.™ is not liable for indirect, incidental or consequential losses, damages or injuries of any kind due to installation, removal, use, misuse, misapplication or improper selection of one of our purchased or displayed products. CanadaDocks Inc. ™ agrees to repair or replace only defective parts returned to the factory (prepaid) and deemed defective by CanadaDocks Inc. ™ Any repairs performed shall not extend the 24 month duration of this warranty.

All PVC decking is warranted by the PVC manufacturer and must be returned to them.

There is no other express warranty.

Our warranty is void in any of the following circumstances:

- **Equipment has been used beyond its rated capacity.**
- **Damage or defect has occurred due to repairs/services being completed by persons other than authorized service personnel.**
- **Damage has been caused by environmental factors which include (but are not limited to) airborne fallout, tree sap, fire, floods, storms, lightning & ice.**
- **Damage caused by accident, abuse or negligence, misuse, incorrect operation or im proper adjustment.**
- **The product has been modified in any way by the customer once ownership has occurred.**

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