

ACCESSORY INSTALLATION MANUAL

HYDROLOCKER 78"

HYDROLOCKER[®]
By **HYDRHOIST**[®]



INTRODUCTION

At HydroHoist® we take pride in bringing the most advanced, easiest to use, and lowest maintenance boat lift systems and accessory products to the market. Installation of the *HYDROLOCKER 78"* is simple due to its lightweight design and ease of operation.

The following pages contain step-by-step assembly instructions of the installation of accessories available for the *HYDROLOCKER 78"*.

Prior to the *HYDROLOCKER™* assembly we recommend that you review all parts, hardware, and required tools before beginning assembly. Don't forget: safety first.

If you have questions, contact the Technical Support Team at 1-800-825-3379.



HYDROLOCKER™ may be **installed by an approved HydroHoist™ installer.**



It is **STRONGLY** recommended that each installer read the manual before attempting an installation.



Legend:



Requires careful consideration

WARNING: could cause harm or damage to the lift, vessel, and user

TABLE OF CONTENTS

PRODUCT INFORMATION	PAGE
PRE-INSTALLATION CONSIDERATIONS _____	4
GENERAL SPECIFICATIONS _____	5
REQUIRED TOOLS _____	6
TORQUE SPECIFICATIONS _____	6
PARTS LIST _____	7
VENT INSTALLATION _____	8
PIN INSTALLATION _____	9
SHOCK INSTALLATION _____	10
HOSE HANGER INSTALLATION _____	11
DOCK BRACKET INSTALLATION _____	12
WARRANTY & REGISTRATION _____	16

PRE-INSTALLATION CONSIDERATIONS

Due to its size, the following determinations must be made before installing a *HYDROLOCKER*:

- Location on the Dock (remote or on-site)
- Method of transport to Dock or site
- Equipment required to safely assemble, transport, and mount the *HYDROLOCKER*

Remote assembly and then completing final assembly at the Dock or Site might be logistically simpler.

Other items to consider:

- Does the site allow commercial work?
- Do you need a permit to work and/or assemble at the ramp or dock?
- Is there a time limit on dock use?
- How will you transport the *HYDROLOCKER* to the install location?
- How much of the *HYDROLOCKER* can be preassembled and transported safely?
- Do you have equipment with the capacity to lift the *HYDROLOCKER* onto a trailer for transport to the Dock or site?
- Does the final assembly location have equipment to hoist the *HYDROLOCKER*?
- Is there level ground for final assembly, or will some assembly occur on the Dock?
- See **Chart 2** for a list of the required tools.

 Working through these considerations is the first step in a successful build.

Chart 1: General Specification of the *HYDROLOCKER 78*

WEIGHT	WIDTH	LENGTH	DEPTH	VOLUME
95 LBS	34-5/8"	78-5/32"	26-5/8"	24 CUBIC FEET

Chart 2: Required Tools

Safety Glasses	Drill
Gloves	25/64" Drill Bit
Hole Center Punch (or Scribe)	17/64" Drill Bit
7/16" Socket Wrench / Driver	Thread Sealant (where necessary)
7/16" Box End Wrench	9/16" Socket Wrench / Driver
Needle Nose Pliers	9/16" Box End Wrench
Hammer: Small Ball Peen	Level
Framing Square	Measuring Tape

Chart 3: Torque Specifications

BOLT SIZE	FOOT POUNDS OF TORQUE
1/4-20	5 FT. LBS.
5/16-18	9 FT. LBS.
3/8-16	16 FT. LBS.
7/16-14	26 FT. LBS.
1/2-13	35 FT. LBS.
9/16-12	47 FT. LBS.
5/8-11	76 FT. LBS.

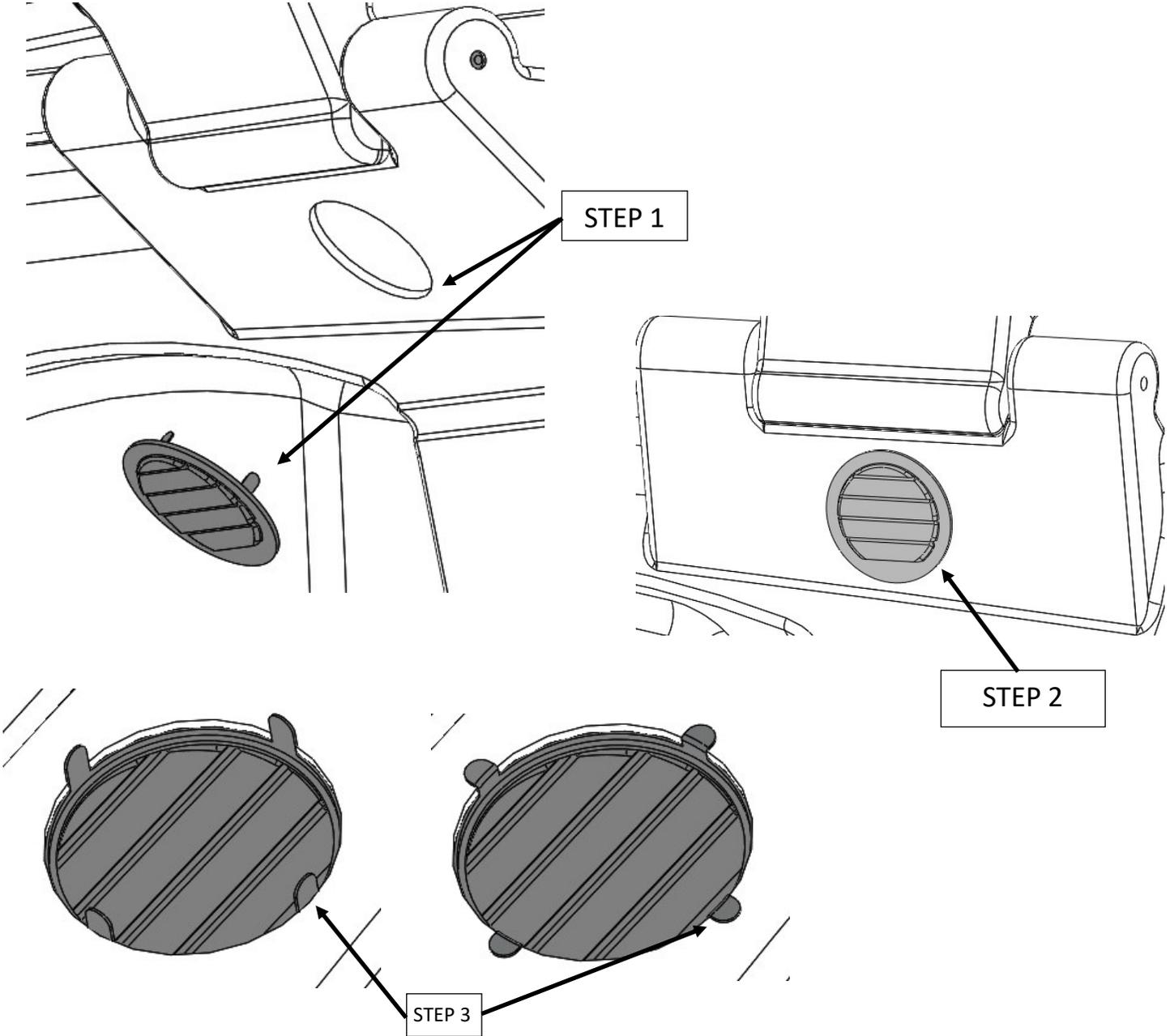
Chart 4: PARTS LIST—HYDROLOCKER

HYDROLOCKER		
Part	Description	Quantity
BASE HYDROLOCKER 1033927		
1033925	HYH LOCKER-HYDROLOCKER-78 IN-WITH BIN	1
1033926	HYH BIN-HYDROLOCKER-78 IN	1
1033933	HYH LID-HYDROLOCKER-78 IN	1
1034857	HYH KIT-HARDWARE-HYDROLOCKER-78	1
HYDROLOCKER SHOCK KIT 1033928		
1033936	HYH SHOCK-GAS-WELDED END	2
1033937	HYH PIN-SHOCK MOUNT-.312 X 1.25 SS	2
1033938	HYH PIN-SHOCK MOUNT-.312 X 2.00 SS	2
1033939	HYH PIN-COTTER-1/8 X 1/2 SS	4
HYDROLOCKER HARDWARE KIT 1034857		
1034898	HYH VENT-WHITE	2
1033935	HYH PIN-HINGE-HYDROLOCKER-78 IN	
HYDROLOCKER HOSE HANGER KIT 35000010		
35000010	HYH KIT -HOSE HANGER	1
HYDROLOCKER DOCK BRACKET KIT 1034893		
1033924	HYH BRACKET-DOCK-HYDROLOCKER-78 IN	3
1033899	HYH KIT BRACKET HARDWARE-DOCK MOUNT-HYDROLOCKER-78 IN	1

VENT INSTALLATION

Kit#	Parts Required	Quantity
1034857	HYDROLOCKER HARDWARE KIT	1

Part #	Parts Required	Quantity
1034898	HYDROLOCKER VENT	2



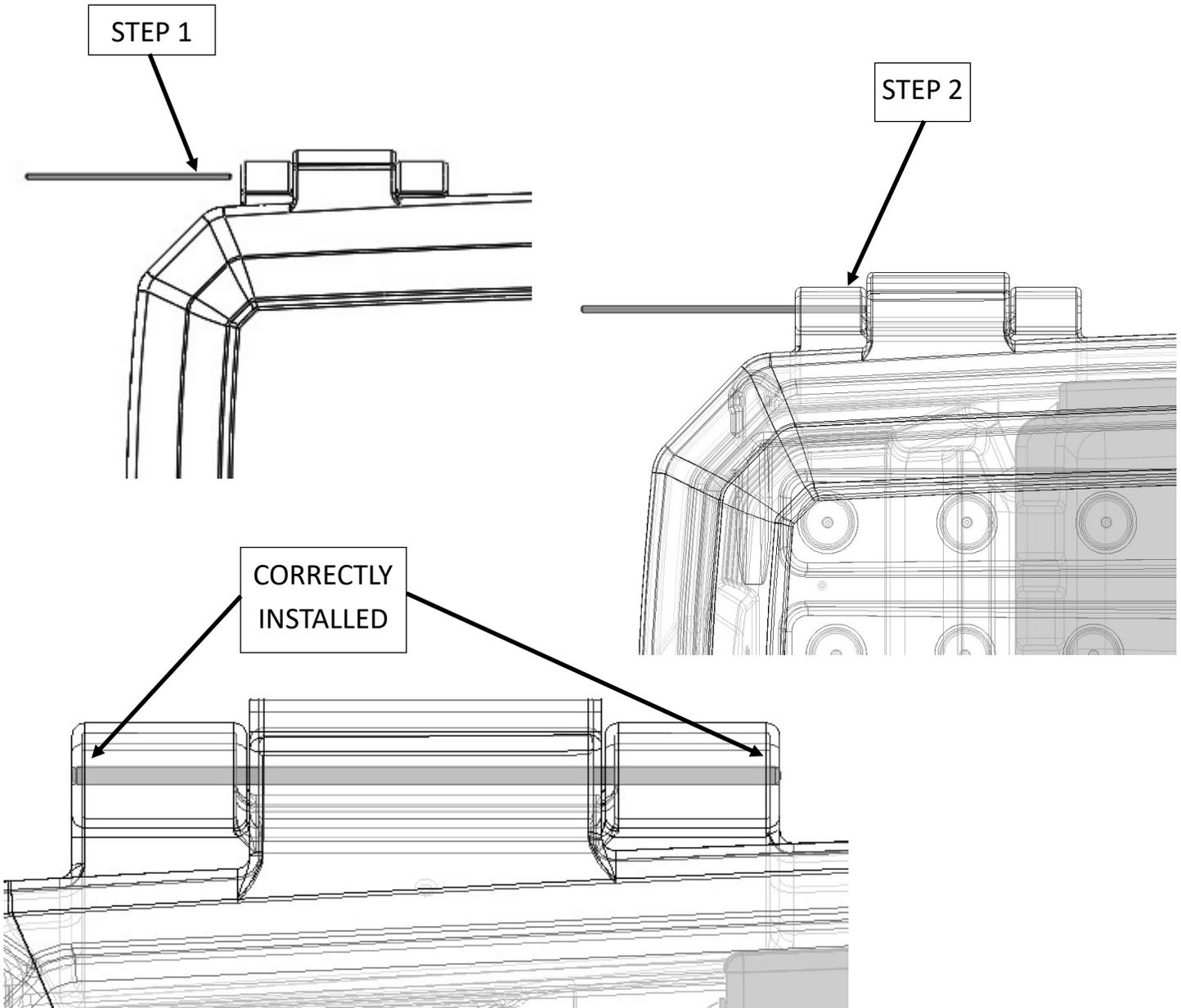
VENT INSTALLATION

1. Align Vent with hole and insert Vent
2. Press firmly into position
3. Bend Tabs over (use Needle Nose Pliers)
4. Repeat for the other Vent

PIN INSTALLATION

Kit#	Parts Required	Quantity
1034857	HYDROLOCKER HARDWARE KIT	1

Part #	Parts Required	Quantity
1033935	HYDROLOCKER PIN	3

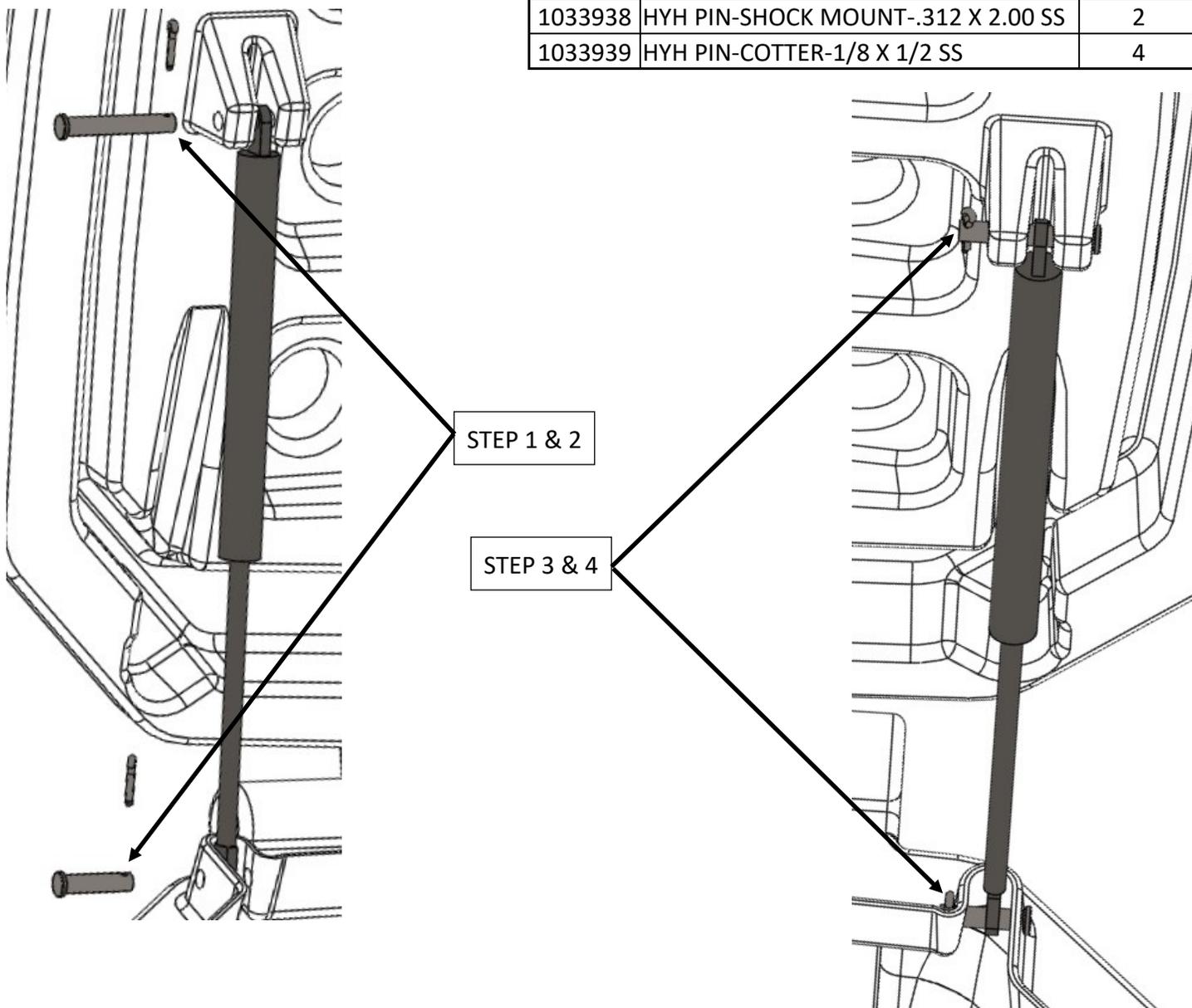


PIN INSTALLATION

1. Align Pin with hole in Locker and Lid
2. Insert Pin through the Locker Hinge into Lid Hinge: apply firm pressure
(a Hammer may be used to **gently** tap through)
3. Repeat for the other Pins

SHOCK INSTALLATION

Kit #	Parts Required	Quantity	Part #	Hardware Required	Quantity
1033928	HYDROLOCKER SHOCK KIT	1	1033936	HYH SHOCK-GAS-WELDED END	2
			1033937	HYH PIN-SHOCK MOUNT-.312 X 1.25 SS	2
			1033938	HYH PIN-SHOCK MOUNT-.312 X 2.00 SS	2
			1033939	HYH PIN-COTTER-1/8 X 1/2 SS	4



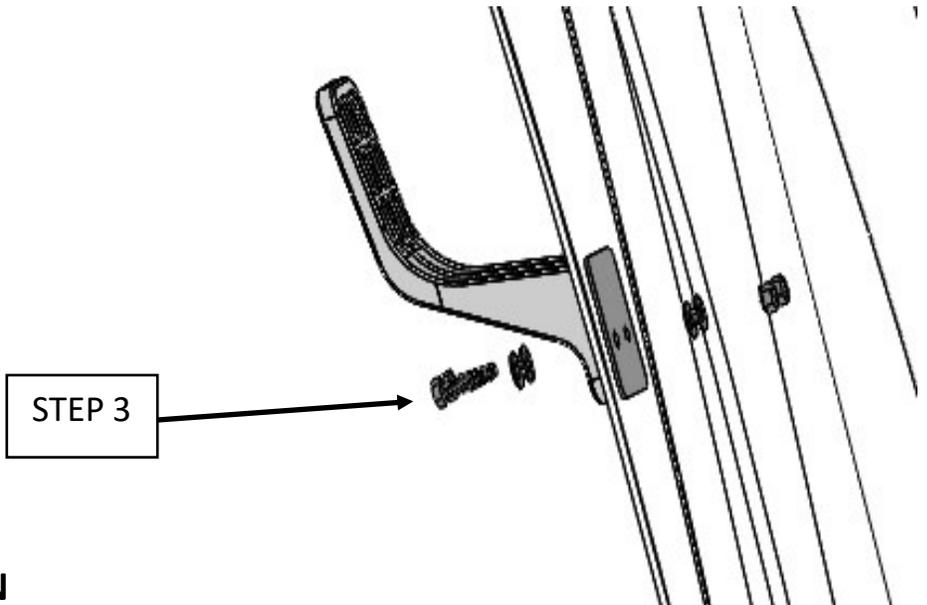
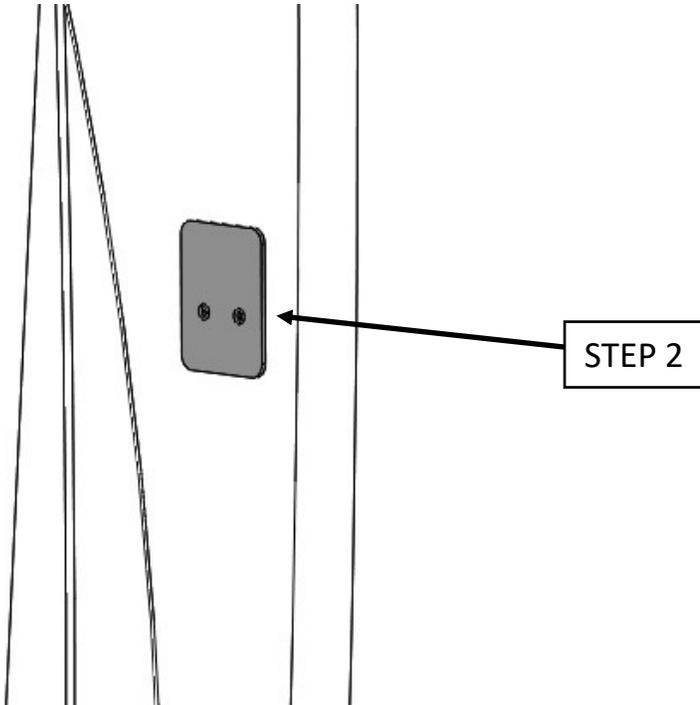
SHOCK INSTALLATION

1. Align the mounting holes for the Shock and the lid of the *HYDROLOCKER* (see picture above)
2. Insert Pin-Shock Mount-.312 X 2.00 (1033938) through the holes with Pin head facing out
3. Insert Cotter Pin-1/8 X 1/2 (1033939) through cross hole in the Pin
4. Bend one leg of the Cotter Pin over using the Needle Nose Pliers
5. Repeat steps 1-4 for all Pin locations

HOSE HANGER INSTALLATION

Kit#	Parts Required	Quantity
35000010	HYDROLOCKER HOSE HANGER KIT	1

Part #	Hardware Required	Quantity
1033932	BACKING PLATE	1
30080008	1/4" FLAT WASHER	2
30010005	1/4" NUT	2
30000032	1/4" BOLT)	2
15000026	HOSE HANGER	1



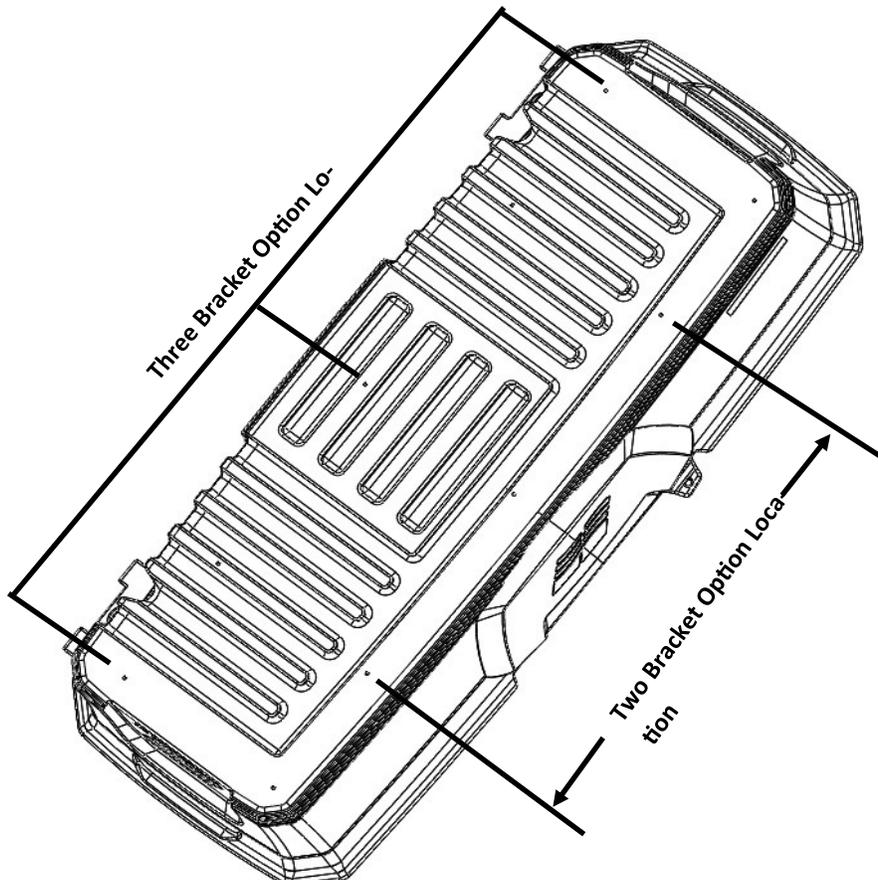
HOSE HANGER INSTALLATION

1. Use Backing Plate to drill holes through the locker wall
2. Drill through 2 Places: Use "H" or 17/64" Drill Bit
3. Install Washers onto Bolts & insert Bolts through the Hanger Holes, locker wall & Backing Plate
4. Snug Nuts to Backing Plate
5. Align Hanger perpendicular to the locker base
6. Tighten Nuts & Bolts to the torque specification in the Table on Page 5

DOCK BRACKET INSTALLATION

Part #	Parts Required	Qty 3-Bracket Option	Qty 2-Bracket Option
1033924	DOCK BRACKET	3	2
1033940	3- HARDWARE KIT	1	0
1034899	2- HARDWARE KIT	0	1

Part #	Hardware Required	Qty 3-Bracket Option	Qty 2-Bracket Option
1033941	Flat Fender Washer 3/8" X 1-1/2" OD SS	6	4
1033943	Nut 3/8-16"	6	4
1042940	Hex Bolt 3/8-16 X 2"	6	4
1033942	Lock Washer 3/8"	6	4

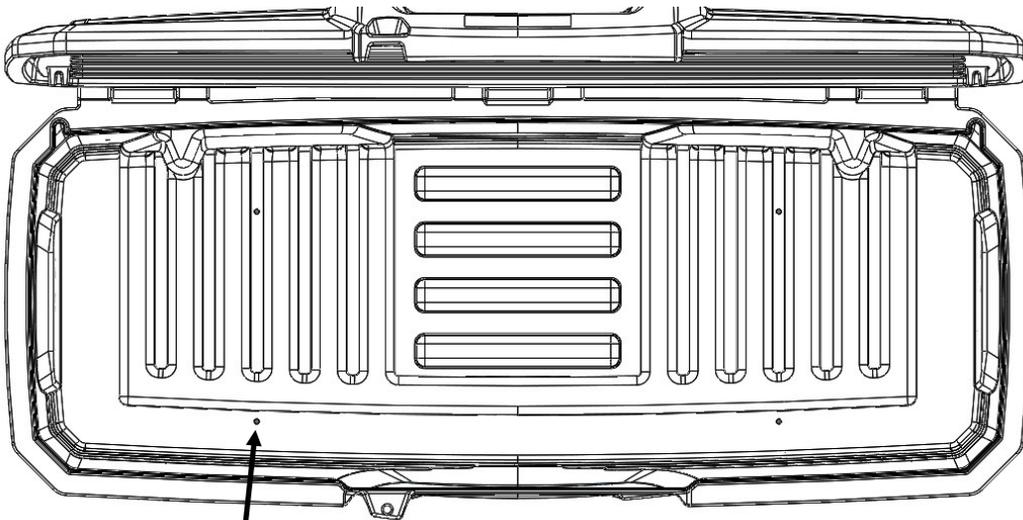


DOCK BRACKET INSTALLATION (Comes in a two or three bracket option)

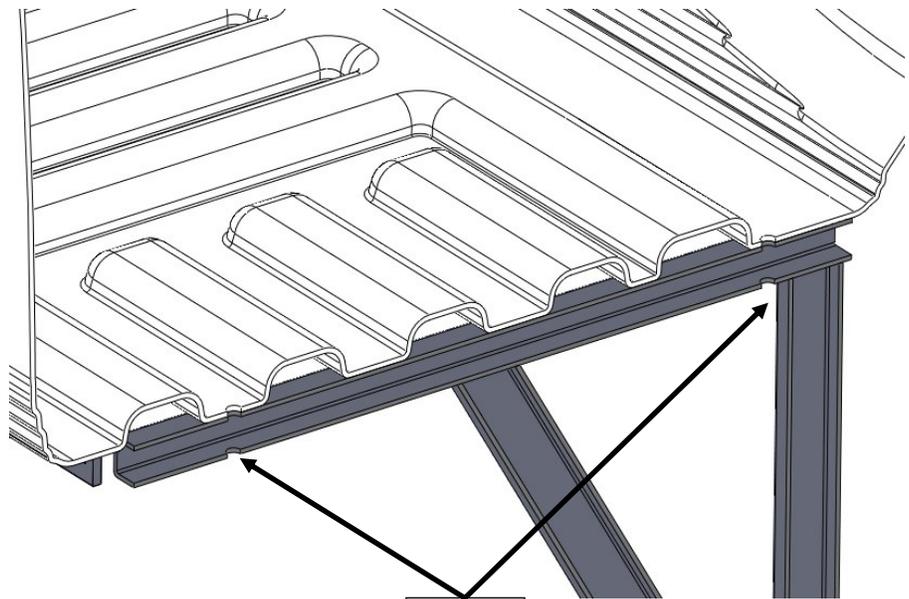
- 1A. Turn *HYDROLOCKER* over so the bottom floor is facing up
- 1B. Locate the four center mounting hole location spots
- 1C. Drill 4 mounting holes through the locker floor using 25/64" Drill Bit

NOTE: Distance between the center of the holes in the *HydroLocker* should be: 39-3/4" (see picture above)

DOCK BRACKET INSTALLATION CONT.



STEP 4B



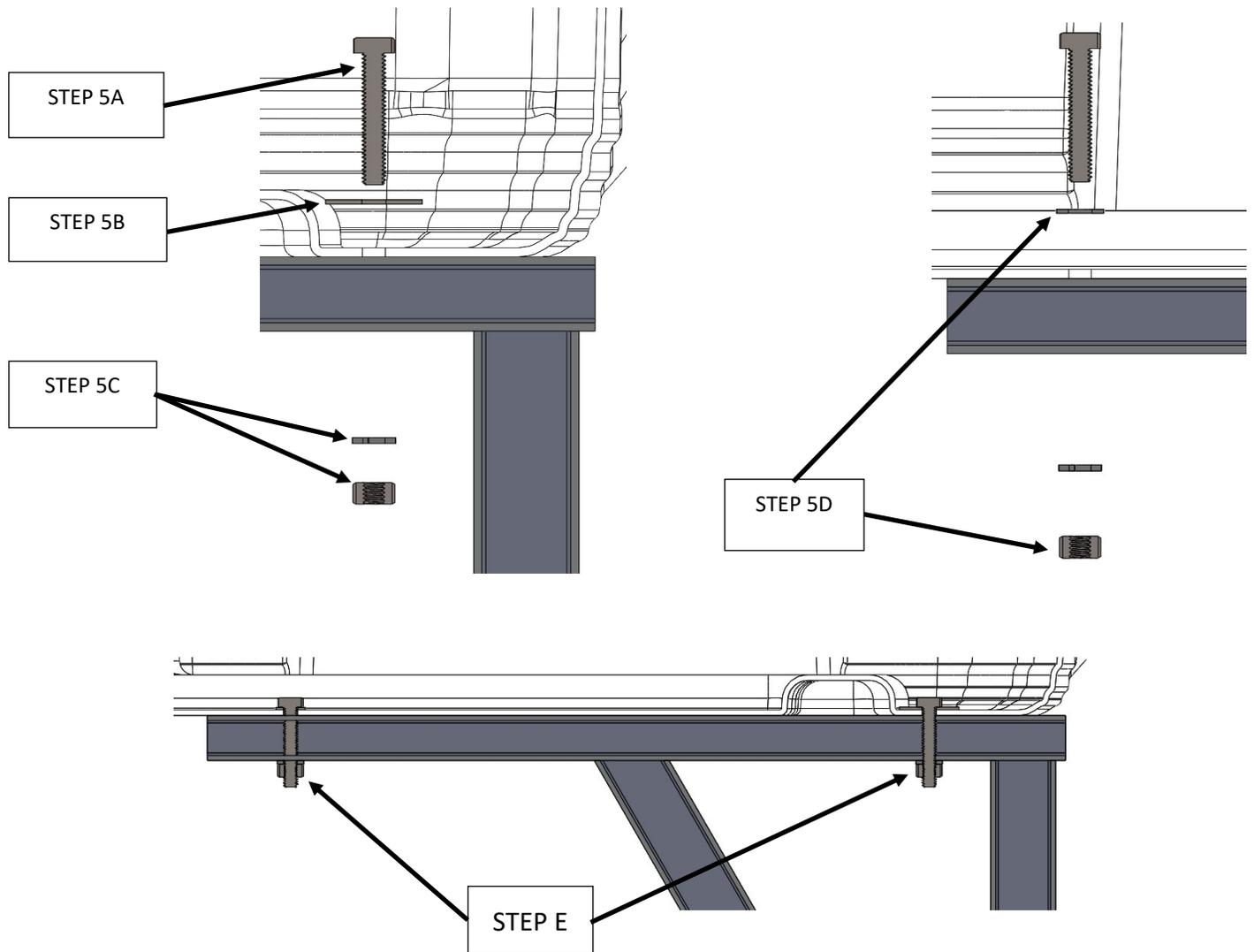
STEP 4D

DOCK BRACKET INSTALLATION

- 4A. Set the *HYDROLOCKER* on the Brackets aligned to the dock in the final installation location
- 4B. Mark ALL hole locations on the Brackets (a Center Punch may be used: see picture above)
- 4C. When all four locations are marked on the Brackets; Remove the *HYDROLOCKER* from the Brackets
- 4D. Drill clearance holes for 3/8" Bolts using a 25/64" Drill Bit (see picture above)

NOTE: Depending on the Bracket installation accuracy: the holes may not be located in the center of the Brackets (this will be considered normal due to measurement accuracy)

DOCK BRACKET INSTALLATION CONT.



DOCK BRACKET INSTALLATION

5A. Place Fender Washers on Dock Side of the 3/8" Bolts (see picture above)

5B. Insert Bolts & Washers through the *HYDROLOCKER* floor and through the Brackets (see picture above)

NOTE: DO NOT TIGHTEN BOLTS AT THIS TIME: **HAND TIGHTEN**

5C. Add Lock Washers and Nuts to the Bolts underneath the Brackets (see picture above)

NOTE: Square the *HYDROLOCKER* to the dock before Torquing the fasteners

5D. Repeat for rear fasteners (NOTE: smaller diameter washers for rear location)

5E. Tighten Bolts to the correct Torque shown in the Table on Page 5

Warranty and Registration

What Is Not Covered By This Warranty*

HydroHoist® does not warrant any product, component, or part

- (a) That is not manufactured by HydroHoist®
- (b) Damaged by failure to provide a suitable installation and environment for the *HYDROLOCKER*
- (c) Damaged by use of the *HydroLocker* for purposes other than those for which it was designed
- (d) Damaged by disasters such as but not limited to fire, flood, wind, and lightning
- (e) Damaged by unauthorized attachments or modifications
- (f) Damaged by operation, maintenance, or repair of the product contrary to written instructions of HydroHoist®
- (g) Damaged during shipment
- (h) Damaged by any other abuse or misuse by the user

*Terms and conditions can change without notice. For the latest warranty terms, contact HydroHoist Customer Service at customerservice@boatlift.com

Parts and Customer Service Contact

Customer service, parts, and shipping: customerservice@boatlift.com

