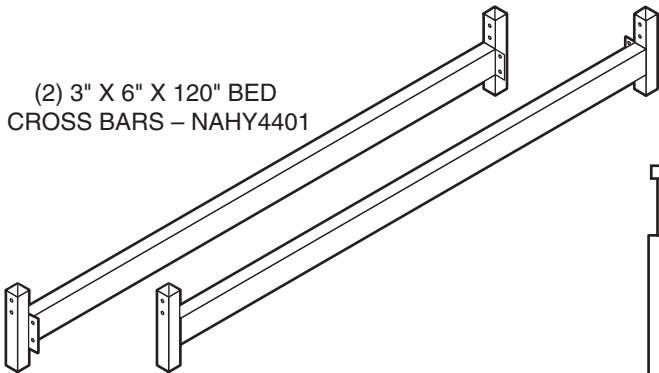




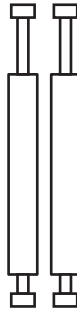
**HEWITT**

# 54" - 4400 LBS. HYDRAULIC LIFT PARTS LIST

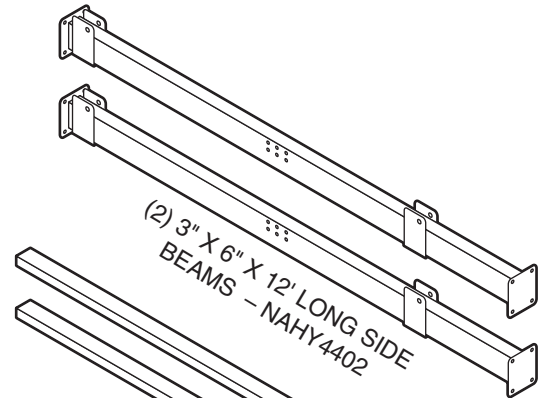
LOH445110



(2) 3" X 6" X 120" BED CROSS BARS – NAHY4401



(2) 4400 HYDRAULIC CYLINDERS – NAHYHC6



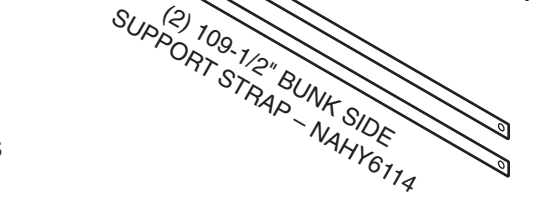
(2) 3" X 6" X 12' LONG SIDE BEAMS – NAHY4402



(2) 2" X 6" X 12' CARPETED BUNKS – LFLB1

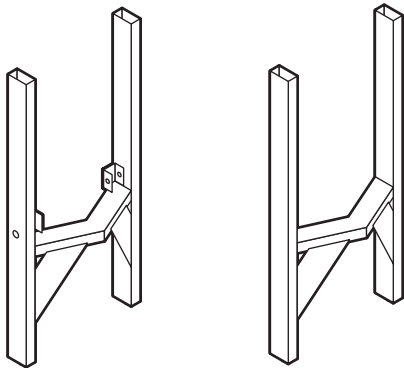


(2) 12' ALUM. HYDRAULIC BUNKS – NAHY6104

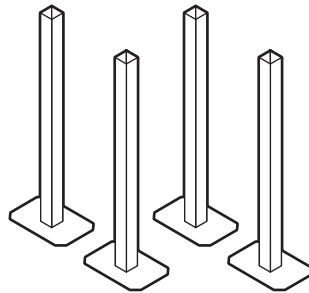


(2) 109-1/2" BUNK SIDE SUPPORT STRAP – NAHY6114

(1) FRONT HYDRAULIC LIFT ARM (3/16" THICK) – NAHY4405



(1) BACK HYDRAULIC LIFT ARM (3/16" THICK) – NAHY4408



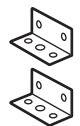
(4) 3' 3" X 3" LEVELING LEGS LL331



(2) CYLINDER MOUNTING BRACKETS NAHY4409



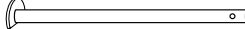
(4) 3/8" x 6" x 8-5/8" BED MOUNT PLATES NAHY4403



(4) BUNK BRACKETS NAHY6113



(2) 1" x 7-7/8" Pivot Pins – NP1778



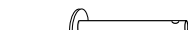
(2) 1" x 8" Pivot Pins – NP18



(4) 1" x 4-7/8" Pivot Pins – NP1478



(4) 1" x 4-3/8" Pivot Pins – NP1438



### HARDWARE BAG – NAHY4420

Pivot Pins shown at left

- (4) 3" x 3" Rubber Caps – DIRC3SQ
- (4) 3/8" x 4" Leg Pin with Clip – LLP4
- (2) 3/8" X 4" Grade 5 Bolts – NB384G5
- (16) 1/2" X 4-1/2" Grade 5 Bolts – NB12412G5
- (16) 1/2" Steel Nuts – NN12S
- (4) 1/2" Lock Nuts – NN12L
- (1) Instructions – NAASSYHY44
- (1) Moisture Bag

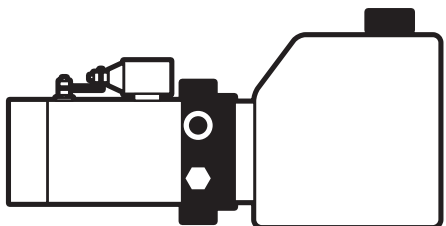
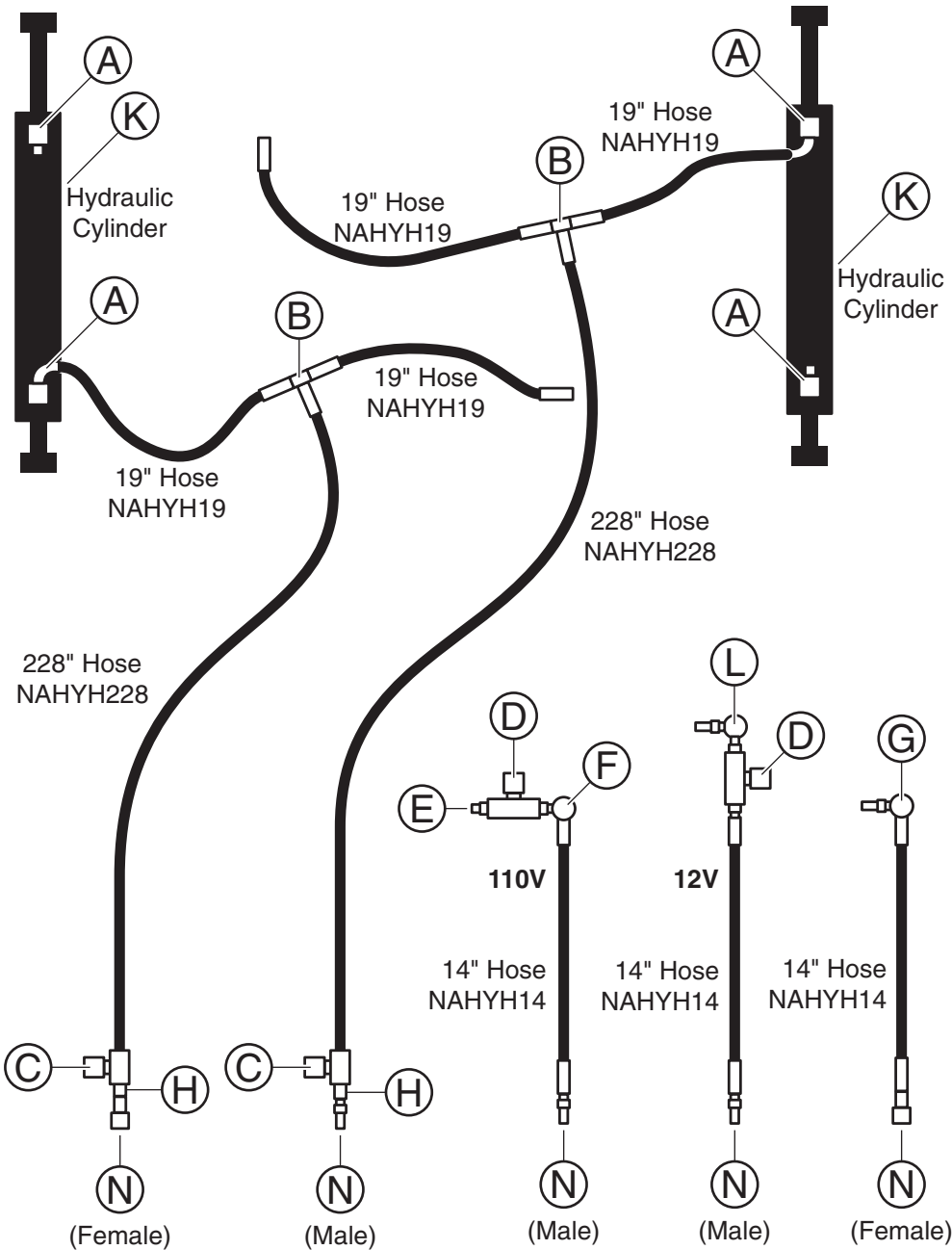
### (1) BOLT BAG – NAHY44BB

- (8) 3/8" X 3/4" Bolts – NB3834G
- (8) 3/8" X 2-1/2" Carriage Bolt – NB38212C
- (18) 3/8" Brass Nuts – NN38S
- (12) 1" S.A.E. Washers – NW1S
- (4) 1/2" x 1" Bolts – NB121G
- (12) 1/4" x 2" Cotter Pins – NCP

*"Quality Since 1971"*

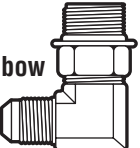
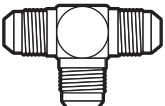


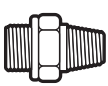
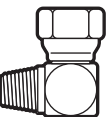
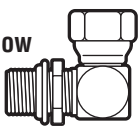
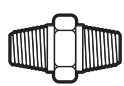



**HEWITT MACHINE & MFG, INC. Box 111 Nicollet, MN 56074 (507) 225-3421**

www.hewitt-roll-a-dock.com e-mail: info@hewitt-roll-a-dock.com



(3) One Gallon Biodegradable  
Lubriplate Fluid Bottles  
FMO-350-AW

LWHYPR1106 – 110v Hydraulic Pump with Reservoir (SPAQ180)  
LWHYPR126 – 12v Hydraulic Pump with Reservoir (SPA9149)

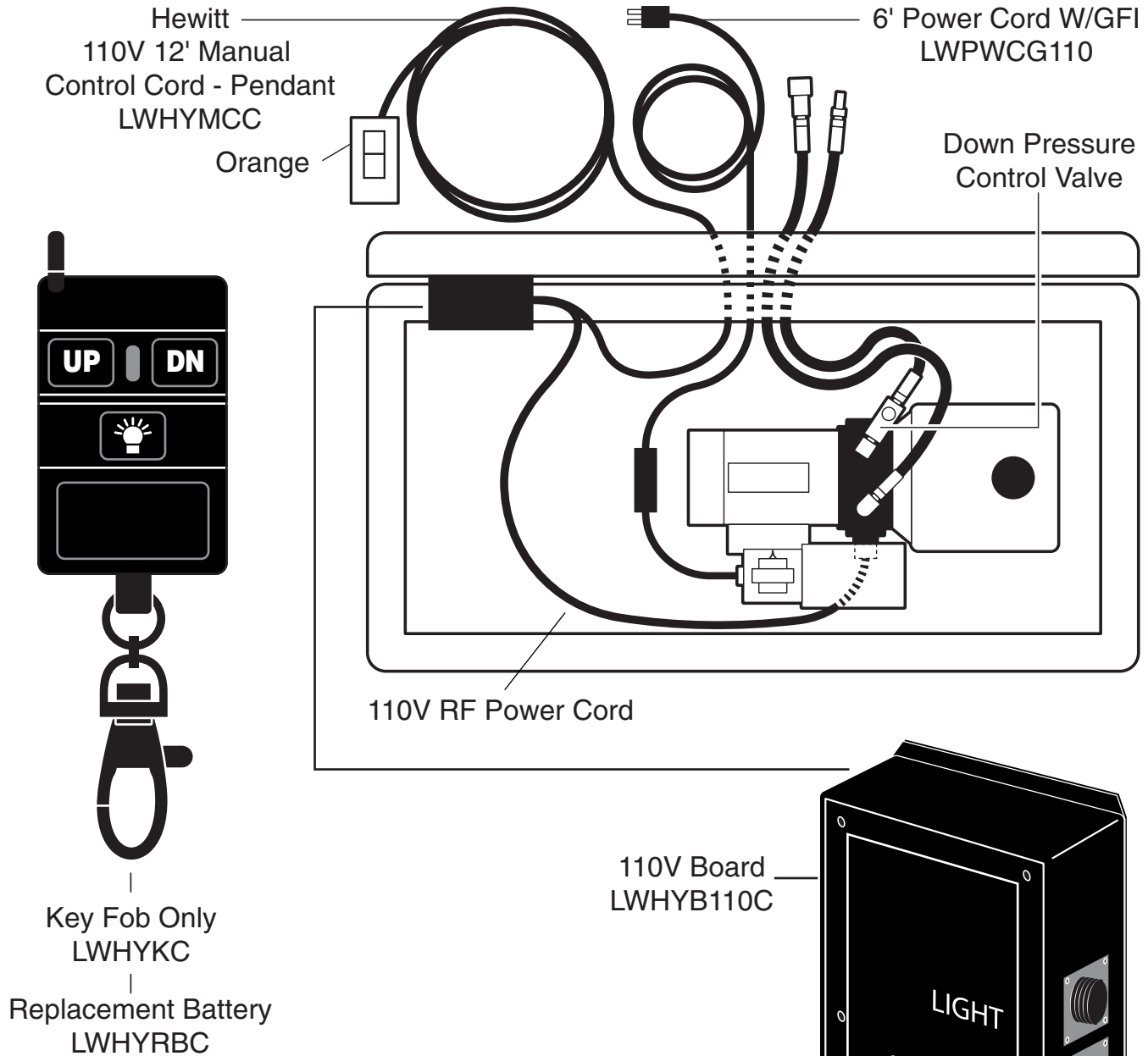
- (A)** 90° Straight Thread Elbow  
NAHY 6801-6-8 
- (B)** Union Tee  
NAHY 2603-6-6-6 
- (C)** Shut-Off Needle Valve  
NAHY PN400S 
- (D)** DownPressure Needle Valve  
NAHY PF400S 
- (E)** O-Ring Boss / Male  
Pipe Adapter  
NAHY 6401-6-4 
- (F)** 90° Pipe Swivel Elbow  
NAHY 1501-4-4 
- (G)** 90° O-Ring Swivel Elbow  
NAHY 6901-6-4 
- (H)** Hex Pipe Nipple  
NAHY 5404-4-4 
- (L)** 90° Straight Thread Elbow  
NAHY 6806-6-4 
- (N)** Screw Coupler Disconnect  
M & F Set  
NAHY-VV14NPTF 
- (K)** 4400 Hydraulic Cylinder  
NAHYHC6 



# 4400 HYDRAULIC LIFT 110V CONTROLS

(After Jan. 1, 2007)

## Complete 110 Volt Hydraulic Pump Box With Wireless Remote – LWHY110RC



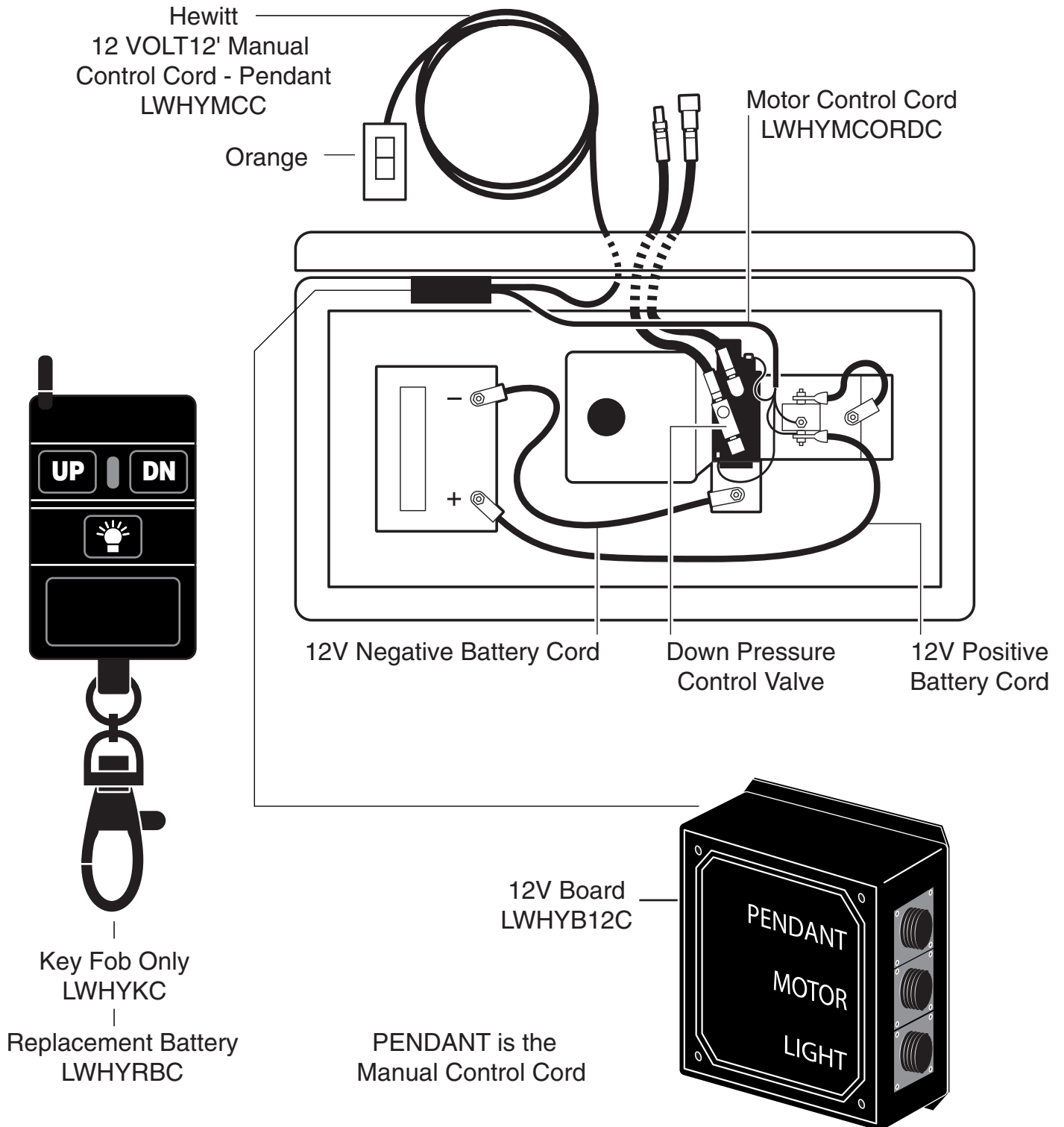
PENDANT is the  
Manual Control Cord

<b>CHECK WIRE SIZE TO INSURE FULL POWER</b>										
MOTOR HP	<b>MINIMUM SIZE COPPER WIRE FOR FULL POWER</b>									
	0-50 FT		50-100 FT		100-200 FT		200-300 FT		300-400 FT	
	110V	220V	110V	220V	110V	220V	110V	220V	110V	220V
3/4 HP	12	14	8	10	6	10	4	10	3	6
1 HP	10	12	8	10	4	10	3	8	2	6
1-1/2 HP	8	12	6	8	3	8	1	6	1/0	4
2 HP	8	12	6	8	3	6	1/0	3	4/0	1/0
R-1-01	<b>MAXIMUM VOLTAGE DROP 4% FOR FULL POWER</b>									



# 4400 HYDRAULIC LIFT 12V CONTROLS (After Jan. 1, 2007)

## Complete 12 Volt Hydraulic Pump Box With Wireless Remote - LWHY12RC





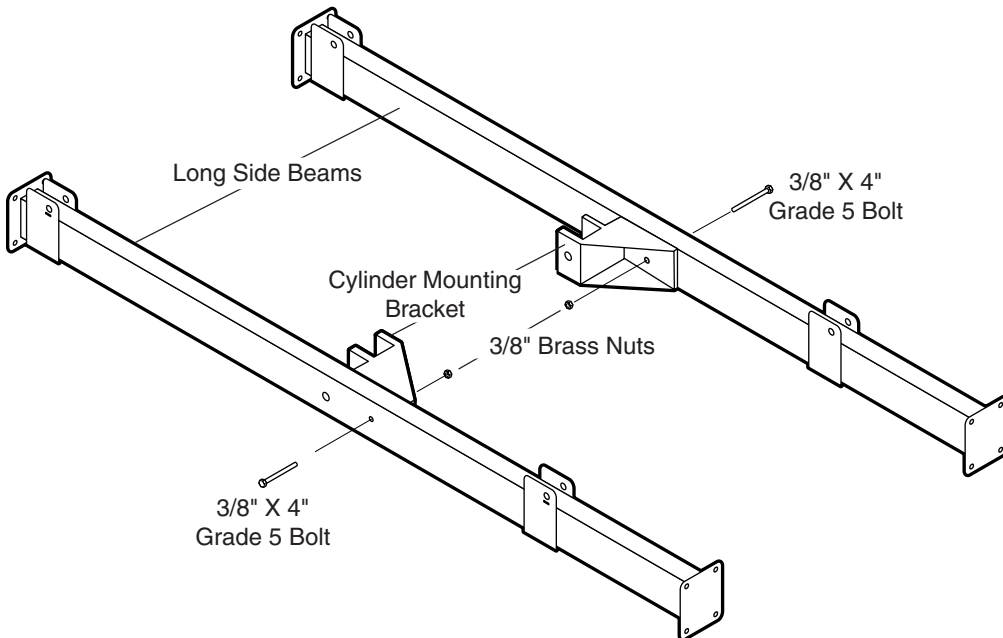
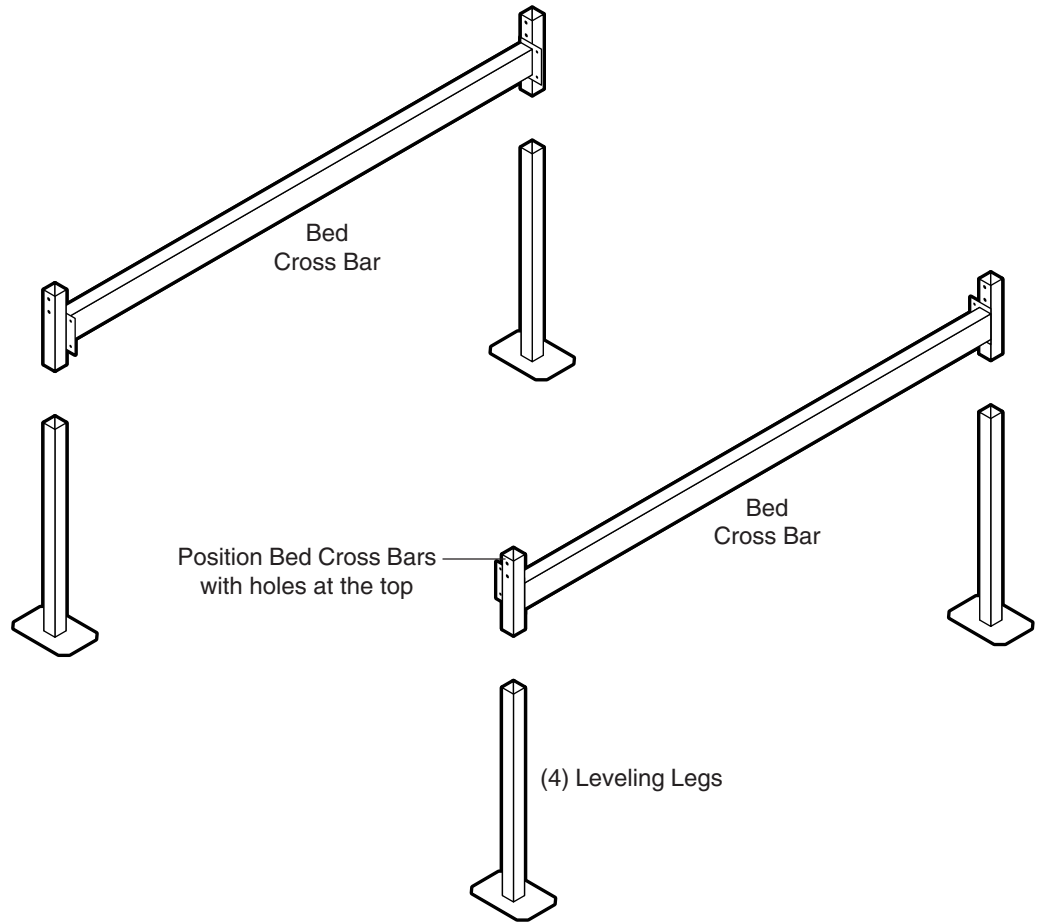
**HEWITT**

# 4400 HYDRAULIC LIFT ASSEMBLY INSTRUCTIONS

**STEP 1:** Separate all the bolts, nuts and other hardware from the supplied bag.

**NOTE:** Pivot pins are very close in length, use a ruler to identify.

**STEP 2:** Insert leveling legs completely through each end of the Bed Cross Bars. Insert the 3/8" x 4" leg pin and secure with the clip.



**STEP 3:** Attach the Cylinder Mounting Bracket to the Long Side Beams. Position the Cylinder Bracket on the outside of Long Side Beam and secure with a 3/8" x 4" grade 5 bolt and 3/8" brass nut. Repeat on other side.

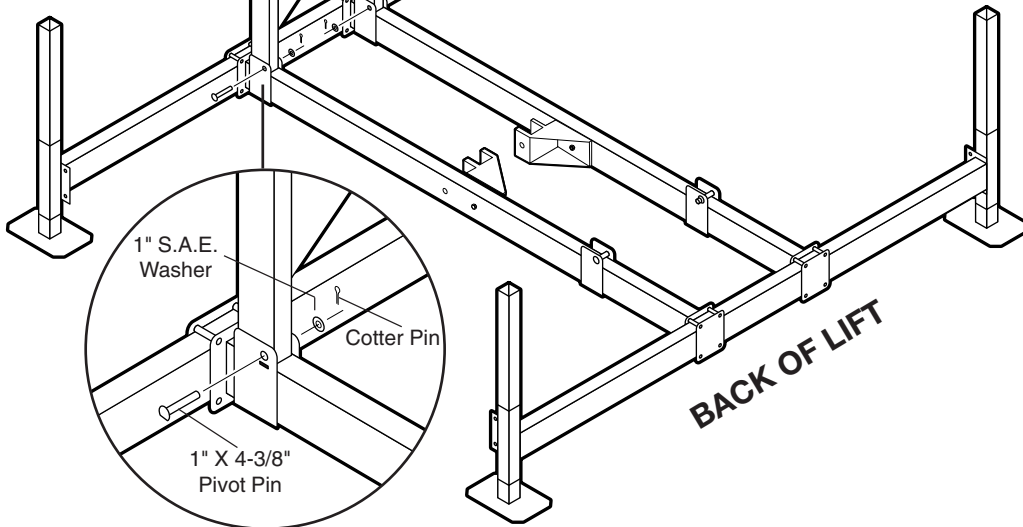
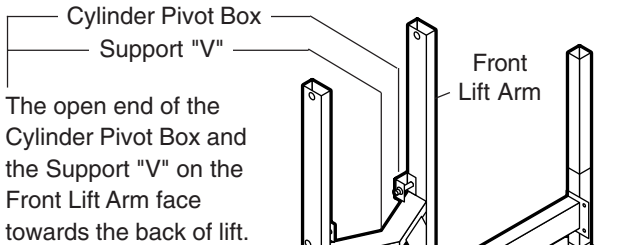
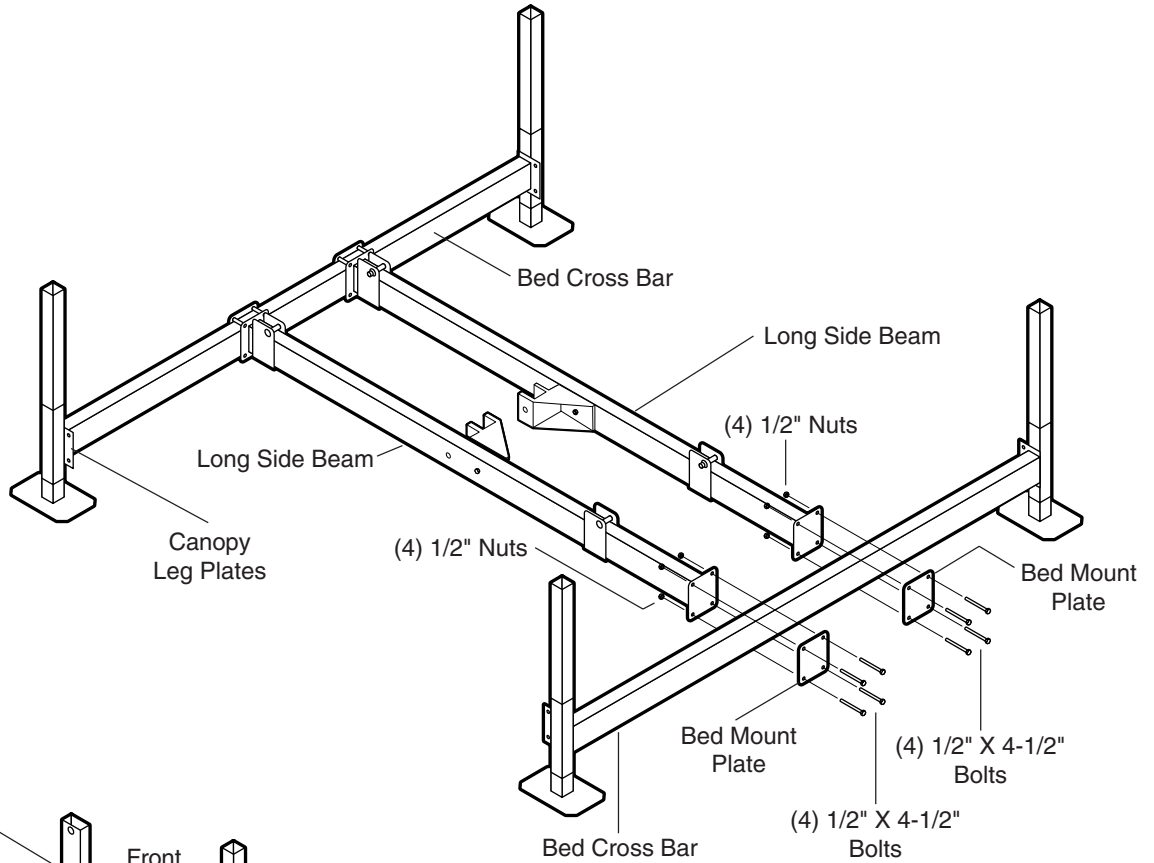


**HEWITT**

# 4400 HYDRAULIC LIFT ASSEMBLY INSTRUCTIONS

**STEP 4:** Mount the Long Side Beams to the Bed Cross Bars. (Use a tape measure to center the Long Side beams on the Bed Cross Bars). Position Bed Mount Plates on the out side of Bed Cross Bar and secure with (4) 1/2" X 4-1/2" bolts and nuts. Repeat Step on all four locations.

**NOTE:** Canopy Leg Plates should point to the inside of lift.



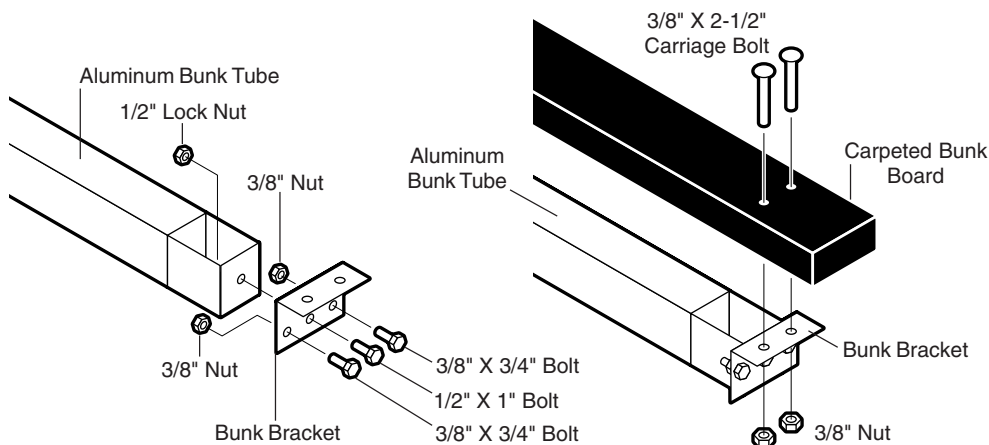
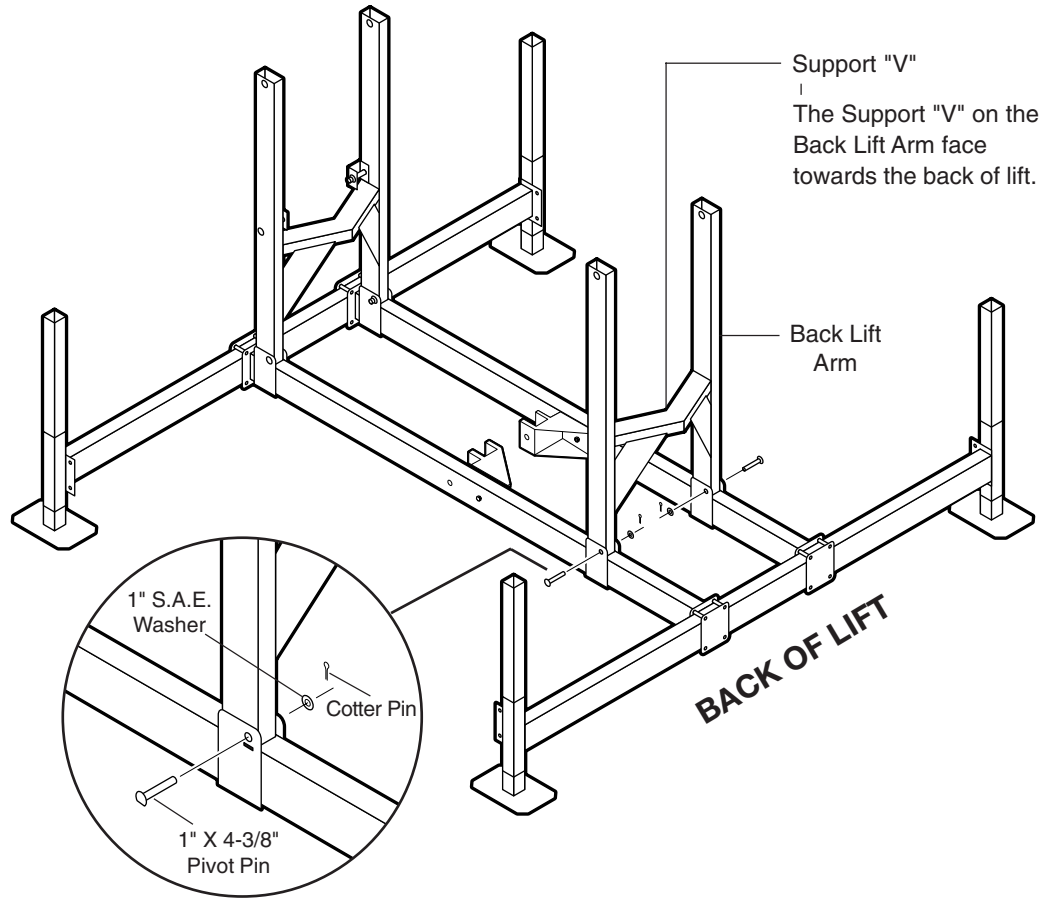
**STEP 5:** Install Front Lift Arm using (2) 1" X 4-3/8" Pivot Pin. Secure each Pivot Pin with (1) 1" S.A.E. Washer and a Cotter Pin.

**NOTE:** The open end of the Cylinder Pivot Box and the Support "V" on the Front Support Arm face towards the back of lift.

# 4400 HYDRAULIC LIFT ASSEMBLY INSTRUCTIONS

**STEP 6:** Install Back Lift Arm using (2) 1" X 4-3/8" Pivot Pin. Secure each Pivot Pin with (1) 1" S.A.E. Washer and a Cotter Pin.

**NOTE:** The support "V" on the Back Lift Arm faces towards the Back of lift.

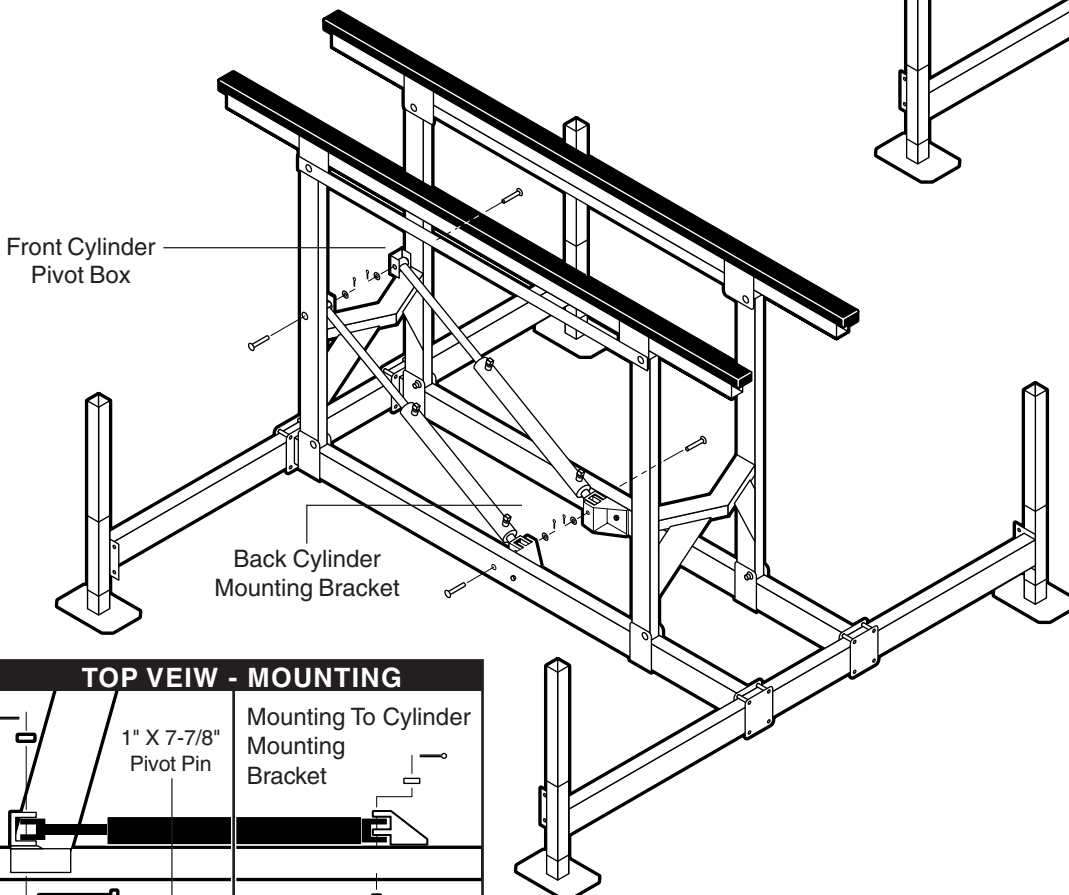
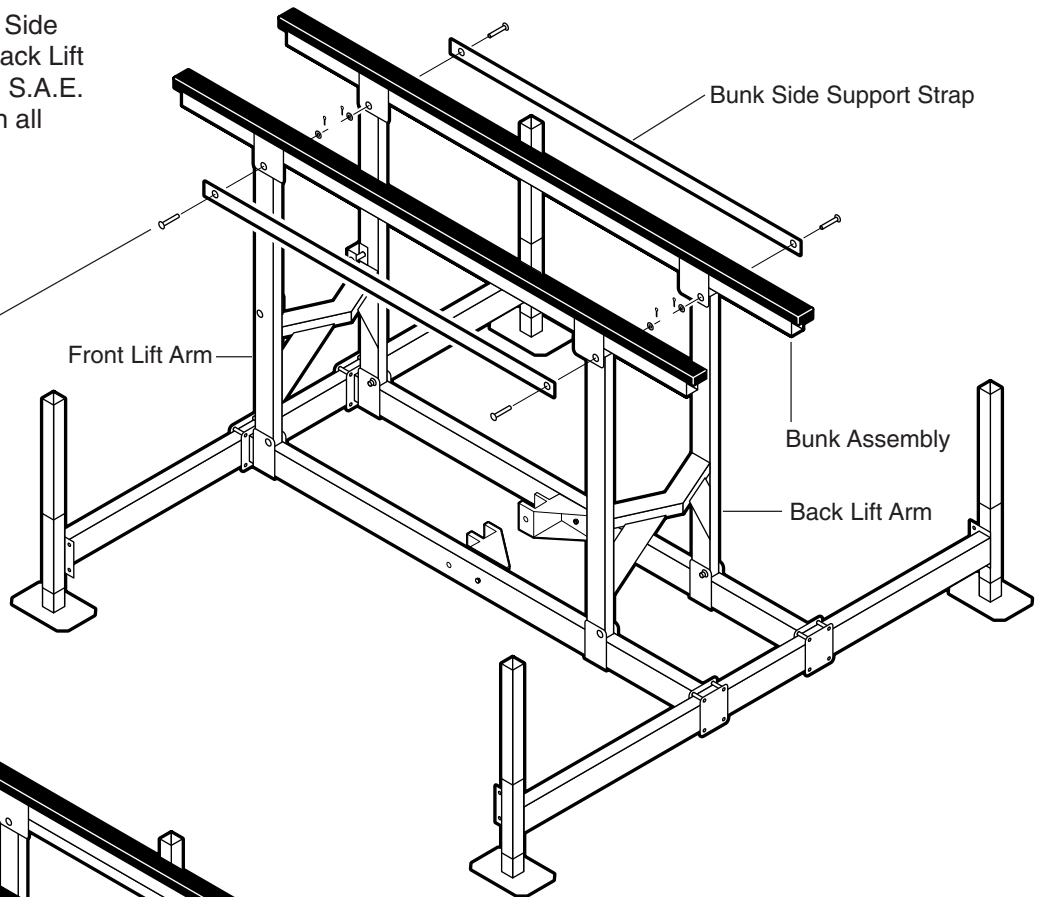
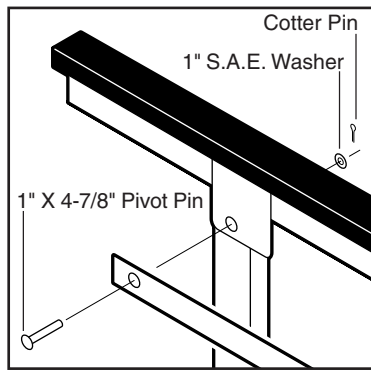


**STEP 7:** Bunk Assembly. Attach a Bunk Bracket to the ends of each Aluminum Bunk Tube. Use (1) 1/2" X 1" Bolt and Lock Nut and (2) 3/8" X 3/4" Bolts and Nuts on each bracket. See Illustration for placement.

**STEP 8:** Attach Carpeted Bunk Boards to the Bunk Brackets. Use (2) 3/8" X 2-1/2" Carriage Bolts and Nuts on each bracket. See Illustration.

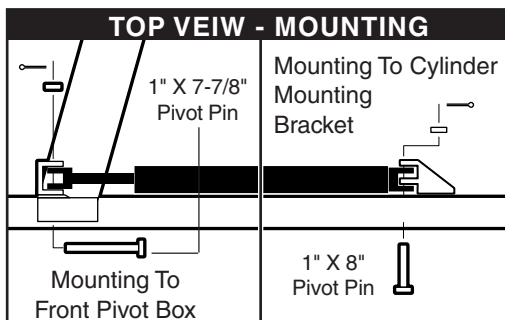
# 4400 HYDRAULIC LIFT ASSEMBLY INSTRUCTIONS

**STEP 9:** Attach Bunk Assembly and Side Support Straps to top of Front and Back Lift Arms. Use a 1" X 4-7/8" Pivot Pin, 1" S.A.E. Washer and a Cotter Pin to secure in all four Locations.



**STEP 10:** Attach Hydraulic Cylinders to Back Cylinder Mounting Bracket using (2) 1" X 8" Pivot Pins and secure with a Cotter Pin.

**STEP 11:** Attach Hydraulic Cylinders to Front Pivot Boxes using (2) 1" X 7-7/8" Pivot Pins and secure with a 1" S.A.E. Washer and Cotter Pin.

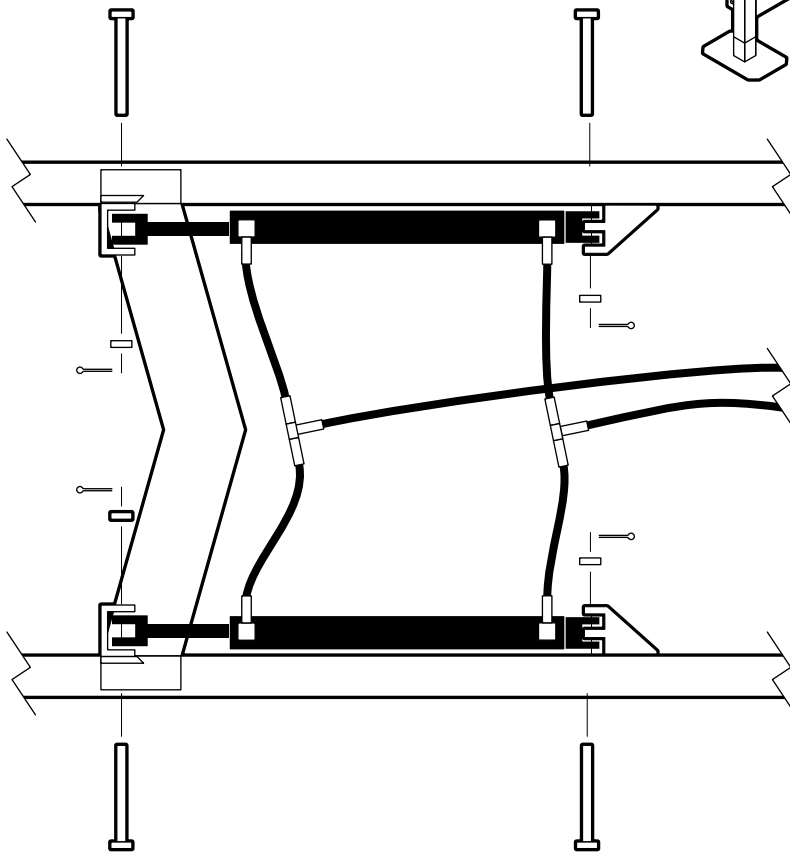
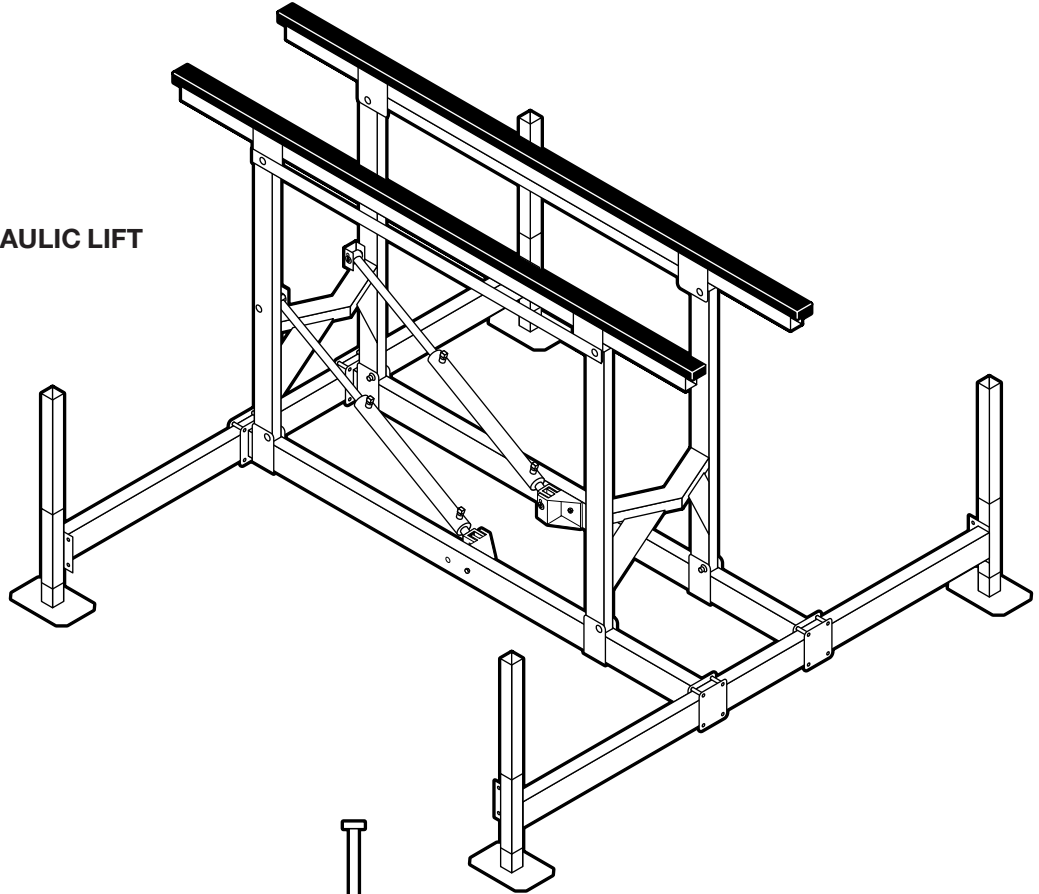




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# 4400 HYDRAULIC LIFT ASSEMBLY INSTRUCTIONS

COMPLETE HYDRAULIC LIFT

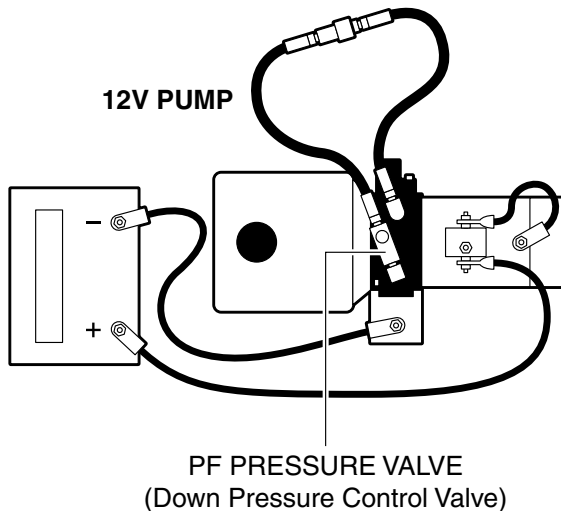
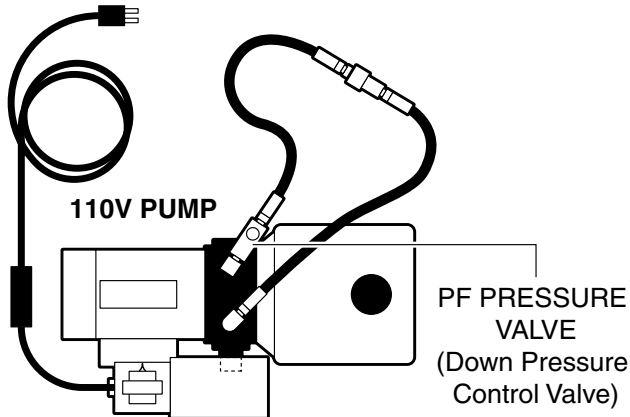


**STEP 12:** Connect the Hydraulic Cylinder Hoses straight across from each other. Tighten Fittings.



# 4400 HYDRAULIC LIFT OPERATING INSTRUCTIONS

**STEP 1:** Using **ONLY** the special oil provided, fill the reservoir attached to the motor in the box. Be sure to replace the reservoir cover. Next, join together the Screw Couplers on the short hoses attached to the pump to form a closed loop.



**STEP 2:** If this is a 110 volt AC unit, plug it in, then go to Step 3. If this is a 12 volt DC unit, hook the motor up to the battery. Check cable markings and battery terminals to ensure you have connected positive to positive and negative to negative.

**STEP 3:** Open the PF Pressure Valve, then operate the cable switch box to run the motor up and then down for about 15 seconds each way. Disconnect the power and shut off the valve. Disconnect the Screw Couplers and connect them to the longer hoses going to the lift – let the system stand for 8-10 minutes to allow air to settle in pump.

**STEP 4:** After 8-10 minutes, repeat Step 2, then open all three hose valves and run the pump until the lift starts to come up. If the oil reservoir gets low, disconnect power, refill the oil reservoir and put the reservoir cap back on – let stand for another 8-10 minutes.

**STEP 5:** After 8-10 minutes, repeat Step 2, then run the pump and your lift should start to go up. Keep running the lift up and down until you have worked out all the air.

**WARNING:** Never work on any part of the lift with the power connected.

Do not fill the oil reservoir with the lift in the up position and do not overfill the reservoir. When all air is out, oil level should be about 3/4 full.

**TIPS:** If oil starts to over-flow or foam, just let it stand for 8-10 minutes to let the air work its way through the system.

When your lift is going up and down well, you're ready to put your boat on. The PF Valve closest to the pump controls the down pressure speed. If the valve is open too far, the lift will bounce down. Close the pressure valve until your lift goes down smoothly. The other two valves by the Screw Couplers are shut-off valves and can be left all the way open – but must be shut off when working on the lift or disconnecting any hoses.

**STORAGE:** Put the lift in the up position and put grease on the hydraulic cylinder shafts, then put the lift down and let the grease "ball up" on the shaft.

**NOTE:** If end of power cord is cut - Warranty is void.