














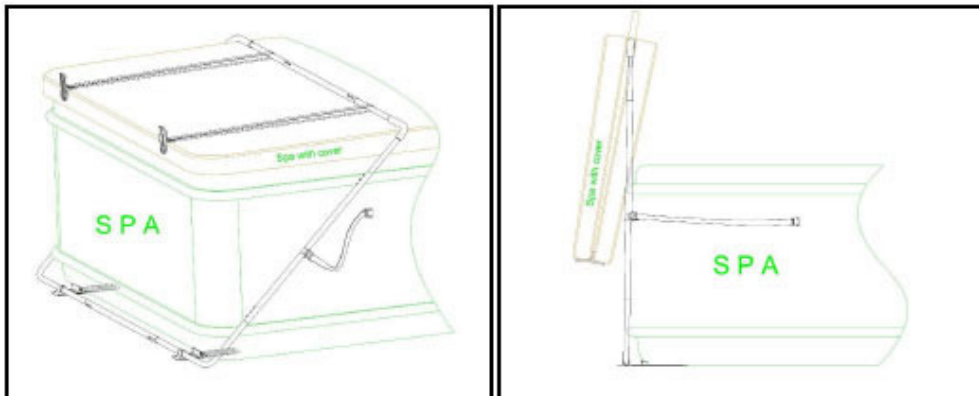
Cabinet Free Variant Assist Lifter Instructions



PART LIST

 2 @ Cabinet Free Lifter Bracket	 4 @ 1 5/16" Coupler Tube
 2 @ 1-1/8" Bent Arm w/o Foam	 2 @ 1-1/8" Bent Arm w/ Foam
 2 @ 3/5" Black Tek Screw	 2 @ Nylon Pivot Strap
	 42 @ Black PVC Push Cap
 1 @ Phillips Driver	 2 @ 1/8" Drill Bit
 8 @ 1 2/5" Wood Screw	 8 @ 1" Spa Floor Screw
 2 @ 1/5" PVC Bushing Screw	 24 @ 1" Black Tek Screw

NOTE: THE ABOVE ARE ESSENTIAL COMPONENTS, HOWEVER WE DO ADD SOME EXTRA QUANTITIES OF SOME COMPONENTS AS WELL JUST FOR BACKUP.



Make sure that you have all the parts from the parts list

Note: All left and right directions are from standing in front of Hot Tub

NOTES:

1. You will need a level base of wood, concrete, or patio blocks.
2. If any shimming is required you must shim from under the base of the bracket.
3. You will need 26" of space behind the SPA.
4. Make sure cover is centered on SPA.
5. CCS Leisure products "Spa Wedge" is highly recommended for installation.



Figure 1

STEP 1:

Raise and block spa (recommend using a CCS Leisure "Spa Wedge") to place brackets underneath. Brackets should be placed under spa floor at least 1/4 of the spa width from each side. (Fig. 1)

STEP 2:

Confirm bracket location is correct and square, remove blocking and lower SPA onto brackets.

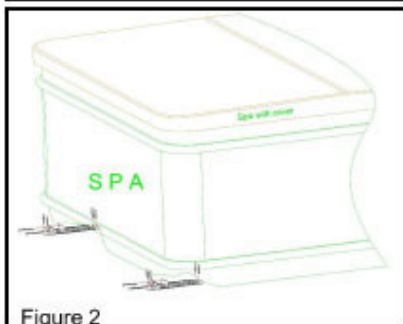


Figure 2

STEP 3:

Secure the bracket by screwing it to the spa floor or deck. (Fig. 2)

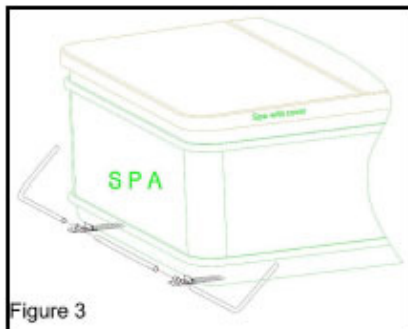


Figure 3

STEP 4:

Place the bent arm (without foam) through PVC Bushings at the bottom of each bracket.

STEP 5:

Use one straight coupler to connect the two bent arms to each other, ensuring that the coupler is centered. (Fig. 3)

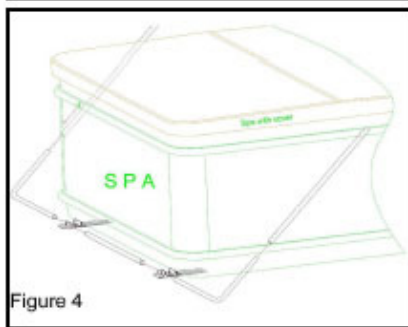


Figure 4

STEP 6:

Place straight coupler over top of bent arm on right side. Repeat on left. (Fig.4)

STEP 7:

Slide the nylon strap over coupler on each side. (Fig.5)

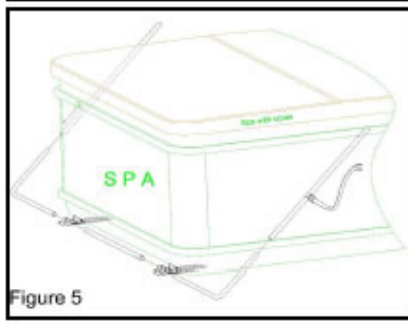


Figure 5

STEP 8:

With the cover closed, in the closed position make sure that the cover is square on the spa.

STEP 9:

Place bent arms on the seam of the cover with the long part of the tube facing down.

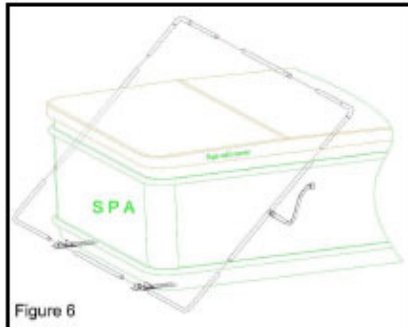


Figure 6

STEP 10:

Use a straight coupler to connect the bent arms on the cover seam, then slide the long ends into the side straight coupler. (Fig. 6)

STEP 11:

Center the coupler tube in the middle of the spa cover.

NOTE: MAKE SURE TO TURN THE COUPLER TUBE SO THAT THE SCREW HOLES ARE DIRECTED TOWARD THE BACK OF THE SPA. ALSO MAKE SURE TO USE A PIECE OF CARDBOARD UNDER COUPLER ARM IN THE FASTENING LOCATIONS BEFORE SCREWING IN TEK SCREWS TO AVOID COVER DAMAGE.

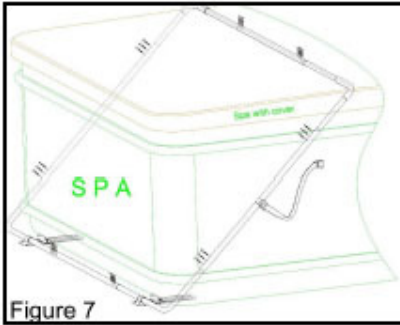


Figure 7

STEP 12:

Screw all four couplers into place, there are 6 tek screws per coupler. (Fig. 7)

STEP 13:

Stretch nylon strap towards the center of the spa with the cover lifter in the up position. Secure it near the top of the cabinet by using 1" Spa Floor Screw provided. Repeat on the other side. (Fig. 8)

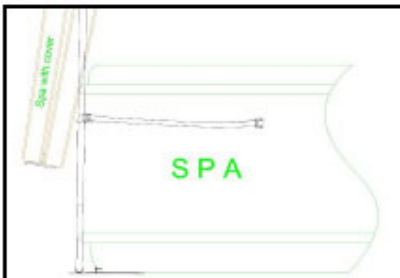


Figure 8

STEP 14:

Install all black caps on screw heads.

STEP 15:

Fasten the strap onto the side coupler bar by using the 3/5" tek screw provided. (Fig. 9)

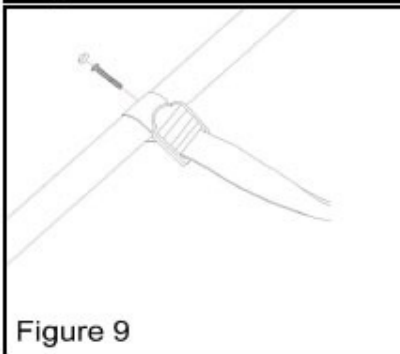


Figure 9

STEP 16:

Lifter is now installed