

ezlifter®

S P A C O V E R L I F T



P/N 58328

INSTALLATION INSTRUCTIONS



Spa must have 18" of clearance from surrounding objects

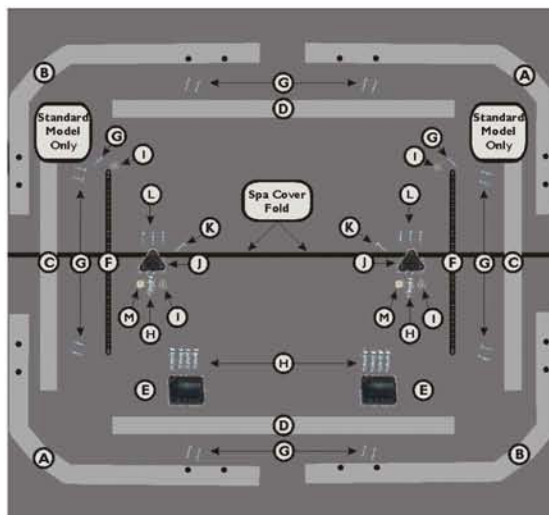
Note: These instructions apply to most rectangular spas up to 96" wide.

Pilot holes are predrilled in the corner pieces to allow the E-Z Lifter® to adjust to fit most spas. The screws supplied are self-tapping and will penetrate the bridge arms and the side arms to complete the E-Z Lifter® size and shape for your particular spa. The only tools necessary are a tape measure, a power screwdriver with a 5/32" drill bit, a #2 Phillips screwdriver bit, and a 1/4" hex drive socket.

For the purposes of these instructions, the E-Z Lifter® will be described as having a top half and a bottom half, with a fold in the center. The bottom half is adjacent to the side of the spa that the frame is mounted.

1. Place the spa cover on the spa so that the fold in the center of the spa cover is parallel with the side of the spa where the E-Z Lifter® will be installed.

2. Spread out the parts on top of your spa cover as shown below and make sure none are missing. Use the parts list for confirmation.



The folded cover will be stored on this side.

Part	Description	Qty
A	Corner Piece	2
B	Corner Piece	2
C	37" Side Arm	2
D	50" Bridge Arm	2
E	Mounting Block	2
F	Retention Chain (20")	2
F	Retention Chain (40")	0
G	Metal Screw (#10x3/4")	20
H	Wood Screw (#8x1-1/2")	10
I	#10 Flat Washer	4
J	Chain Mounting Bracket	2
K	Machine Screw (#8-32x5/8")	2
L	Wood Screw (#8x3/4")	6
M	Plastic Spacer (optional)	2

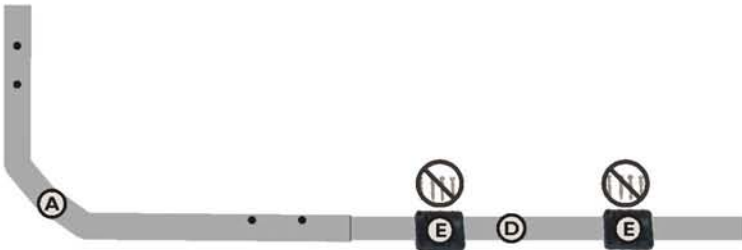
Assemble the Base

1. Insert the left side of the bottom 50" Bridge Arm "D" into the bottom right side of the lower left corner piece "A". Do not secure with screws at this time.

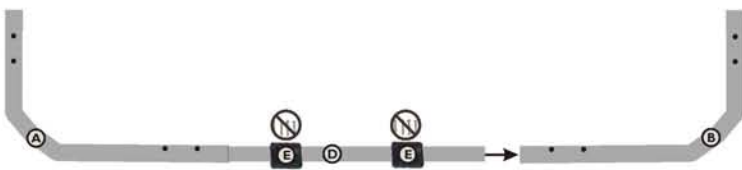


NOTE: Mark the center of "D" to help center it before you install screws in the later steps

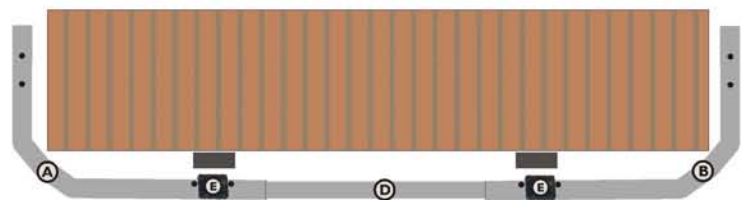
2. Place the mounting blocks "E" over the right side of the 50" Bridge Arm "D" and slide them to the middle. Do not secure with screws at this time.



3. Insert the right side of the bottom 50" Bridge Arm "D" into the bottom left side of the lower right corner piece "B". Do not secure with screws at this time.



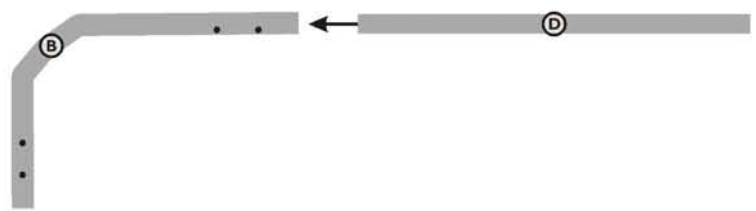
4. Move the bottom assembly to the bottom of the spa and slide the mounting blocks "E" so they are positioned next to the location on the spa frame where they will be mounted.



NOTE: The mounting blocks may be attached to the base of the spa's wood frame, or directly to a wooden deck.

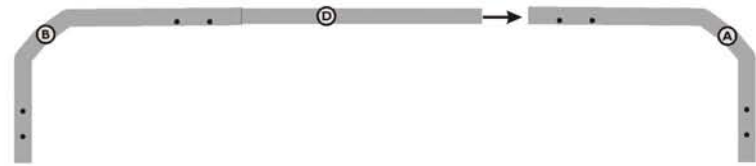
Assemble the Top

1. Insert the left side of the top 50" Bridge Arm "D" into the top right side of the upper left corner piece "B". Do not secure with screws at this time.

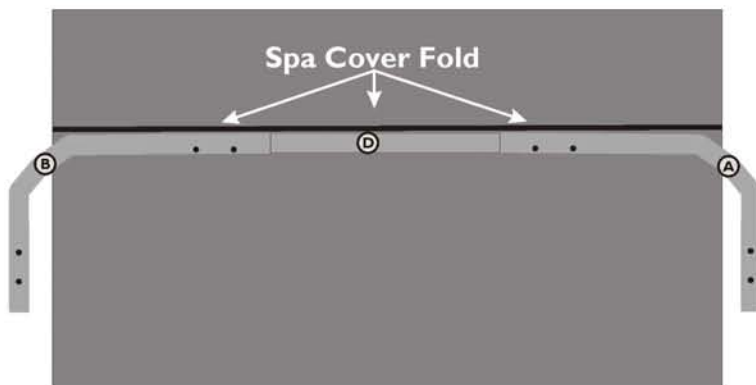


NOTE: Mark the center of "D" to help center it before you install screws in the later steps

2. Insert the right side of the top 50" Bridge Arm "D" into the top left side of the upper right corner piece "A". Do not secure with screws at this time.



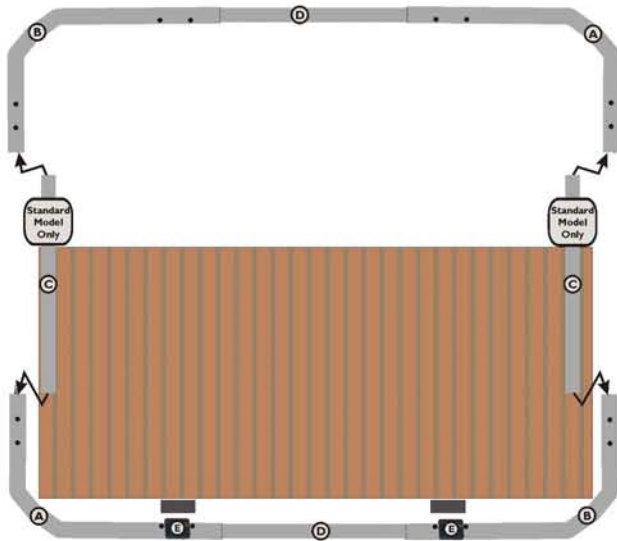
3. Move the top assembly to the center of the spa cover next to, and slightly below, the fold.



NOTE: The folded cover will be stored on this side

Assemble the Sides

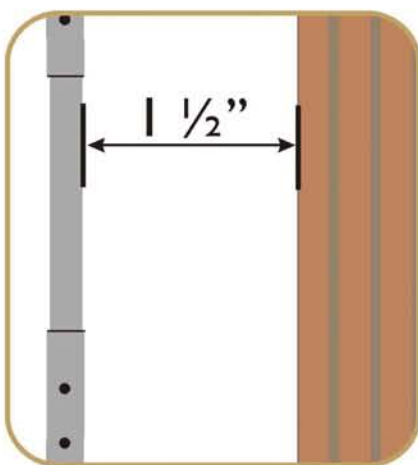
1. Assemble the side arms by placing one end of each side arm "C" into the top and bottom corner pieces "A" and "B" on each side. *Do not secure with screws at this time.*



NOTE: Mark the center of each side arm "C" to help center it before you install screws in the later steps

2. Now reposition the top assembly next to the spa cover's fold, as previously shown, and begin measuring and securing the final assembly.

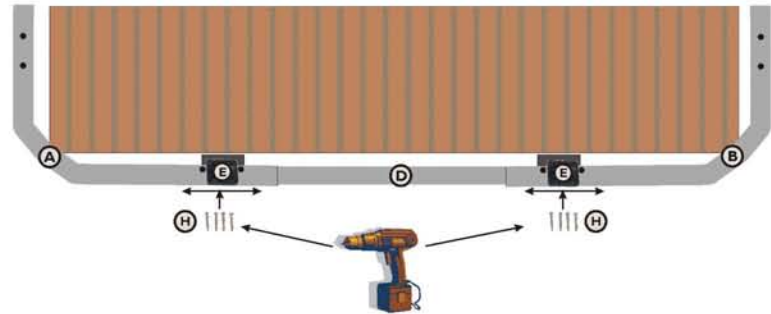
3. Using your tape measure, adjust the entire assembly so that you have a minimum of 1-1/2" of clearance between the side arms "C" and the spa sides.



NOTE: Be sure to measure BOTH sides then measure again after each adjustment.

Attach Assembly Base to Spa

1. After the frame has been adjusted to get the necessary 1-1/2" clearance on each side, you are ready to secure the mounting blocks "E" to the spa frame or deck patio. Slide the mounting blocks "E" horizontally along the assembly base until they are positioned where they will be attached.

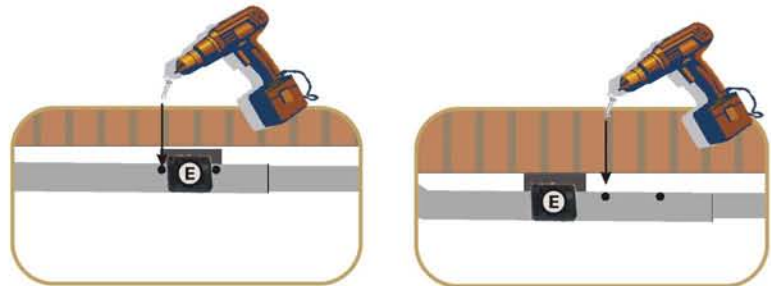


NOTE: It is recommended that the mounting blocks be located, whenever feasible, between the pilot holes - and within 1/2" of either the inside or the outside holes. This positioning will help eliminate any horizontal sliding that might occur during the opening and closing of the spa cover.

NOTE: Any part of the spa that lines up correctly is OK. However, because it may not be possible to attach the mounting blocks to the spa frame, you might need to attach the mounting blocks to the deck or patio.

2. Once you have secured the mounting blocks, be sure to measure the space between the spa and the side bars again. Readjust as necessary to ensure a minimum of 1-1/2" clearance on each side.

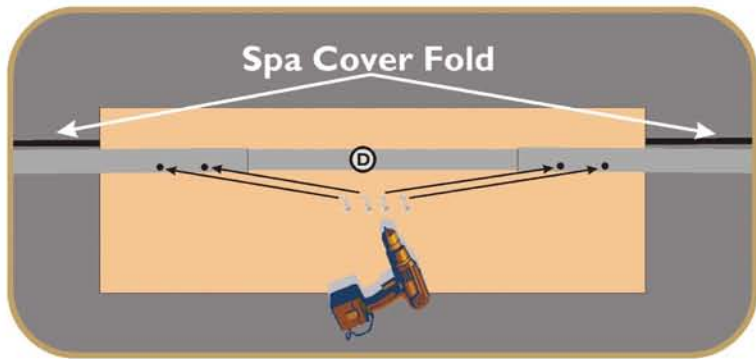
3. After the frame has been readjusted for clearance, you are ready to lock the bottom assembly's horizontal width using the metal screws.



NOTE: These self-tapping screws will secure the bridge arm to the corner pieces. After you have inserted the outside screw in both of the lower corner pieces, you should measure the space from the side arms to the spa side to ensure a minimum of 1-1/2" still remains. When both screws have been inserted and both sides still have clearance, you may want to lock the positioning by inserting an additional self-tapping screw to either side of the mounting blocks (to eliminate any sliding).

Adjust the Top Assembly

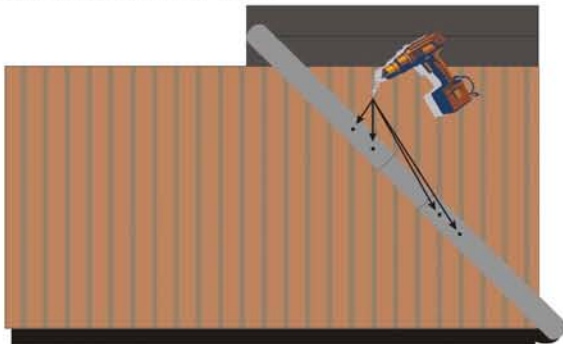
1. Reposition the top assembly next to the spa cover's fold as previously shown. Then remeasure the distance between the inside edge of the side arm and the spa side to make sure that both sides remain at 1-1/2".
2. Place a piece of cardboard or other material under the top assembly. This will help protect the spa cover while you secure the bridge arm to both corner pieces.
3. Then use the power screwdriver to attach the bridge arm to the corner pieces with the metal screws.



NOTE: Before you fasten the screws, make sure the distance between the top corner pieces is the same as the distance between the bottom corner pieces. Also be sure you can see the bridge arm through each of the four screw holes. This will ensure that the screws will be able to fasten all parts securely.

Adjust the Side Arms

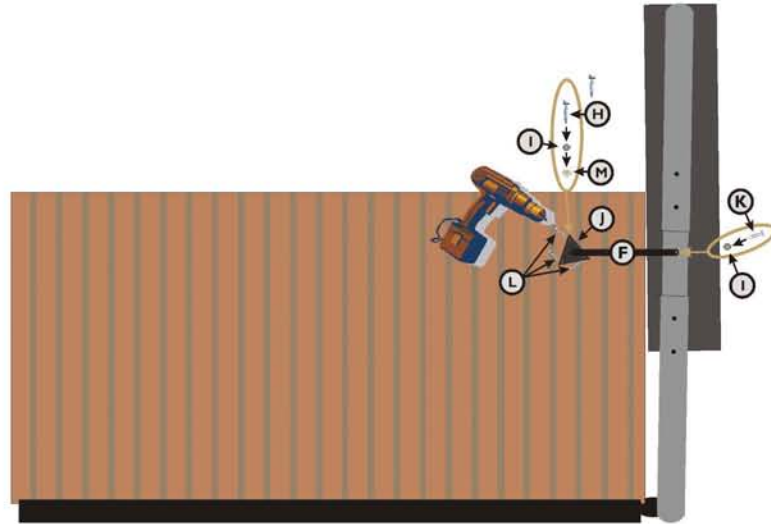
1. After you have secured the top assembly, and before you start on the side arms, remove the cardboard from the top of the spa. Then fold the spa cover so that the top assembly is folded into the seam. This will help support the frame and ensure that nothing moves while you are securing the side arms to the top and bottom corner pieces on each side.
2. Use the power screwdriver and metal screws to fasten the side arm to both the top and bottom corner pieces.
3. Repeat on the other side.



NOTE: Before fastening the screws, make sure the distance between the top corner piece and the bottom corner piece is the same on both sides. Make sure you can also see the side arm through each of the four screw holes. This will ensure that the screws will fasten all parts securely.

Finishing Up

1. Use the frame to help you remove the spa cover and place it in its new "storage position" as shown. Hold it carefully while you mark the position for the Chain Mounting Bracket "J" on the spa side. You will also need to identify a location on the Side Arm for the other end of the Safety Chain "F". When these locations are properly marked, the chain will be parallel with the top of the spa.



2. Secure the Chain Mounting Bracket "J" to the spa cabinet, using three small wood screws "L" in the three outer holes. It is critical that the center screw of bracket "J" is going into the spa frame, not just the exterior siding. Use the extra large Wood Screw "H" with a #10 washer "I" and the optional Plastic Spacer "M" to attach the chain to the center hole of the Chain Mounting Bracket. The other end of the chain is secured to the Side Arm with a small machine screw "K" and a #10 flat washer "I".

Note: If you have a wood cabinet, be sure you rotate the chain mounting bracket so that no two screws are drilled into the same grain. If you have a cabinet made from other materials, this may not be necessary.

3. Mark the mounting locations for each end of the chain and use these measurements to mount the Retention Chain "F" on the other side of the spa.

Helpful Hints

Minimum Clearance Installations: Be sure the E-Z Lifter® can operate without touching surrounding objects. If the cover makes contact with anything during operation it will incur increased wear and/or damage.

Stop the Sliding: If your E-Z Lifter® slides during use, simply install a self-tapping metal screw 1/4" on either side of the mounting blocks.