

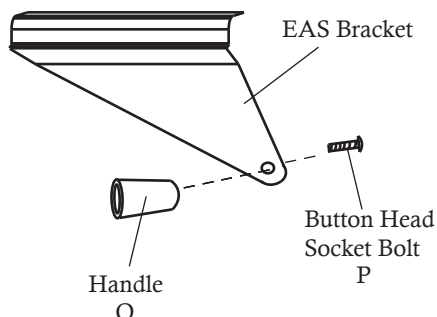
SMARTOP[®]

SwimSpa Hybrid

by Leisure Concepts

Installation Instructions - Updated as of 10/08/26

Figure 1



Step #1

Position the Smartop (in closed position) on the spa making sure that all four corners are properly positioned and square on the spa.

Step #2

Attach the EAS handle to the EAS bracket using the supplied 5/16 x 1-1/4" button head socket bolt (see Fig. 1).

Step #3

Attach the 2-piece arm mount to the Smartop cover using the supplied 1/4 x 3/4" flat head socket screws, 1/4 flat washers & 1/4 locknuts (see Fig. 2). **Note:** For proper shock alignment, the ball stud must face the acrylic of the spa.

Step #4

Insert the 3/8 x 2" button head socket bolt into the top hole in the back of the Smartop cover mounting bracket. Make sure to install the rubber stop on the button head socket bolt once you insert the bolt through the outside flange of the Smartop cover mounting bracket. Secure the 3/8 washer and locknut to the opposite end of the button head socket bolt (see Fig. 3). **Note:** Do not overtighten locknut.

Step #5

Attach the Smartop 3.0 cabinet mounting bracket to the Smartop 3.0 2-piece arm mount, in the bottom hole, using the supplied 3/8 x 2" button head socket bolt, washer and locknut (see Fig. 4).

Step #6

While pressing downward on the Smartop cover mounting bracket, swing the Smartop cabinet mounting bracket up until it is parallel with the spa acrylic and attach to the spa cabinet using the supplied #10 x 2" mounting screws (see Fig. 4). **Note:** You may need to use the "optional" bracket shims to correctly position the Smartop cabinet mounting bracket to the side of the spa.

Figure 2

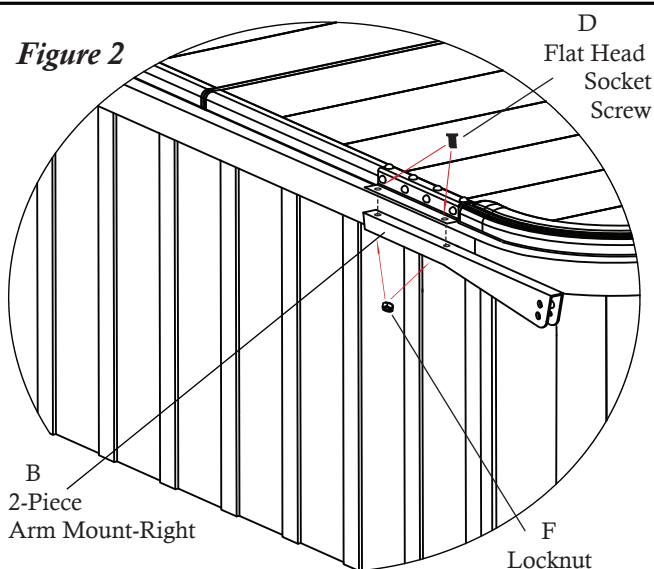


Figure 3

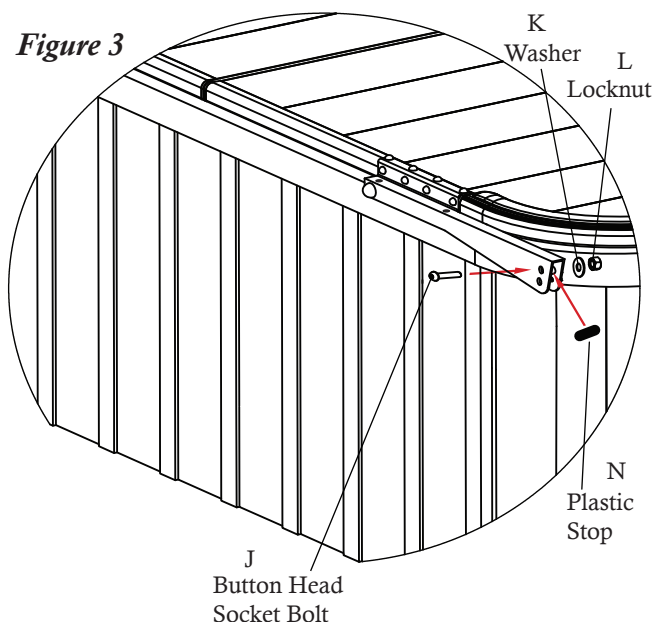


Figure 4

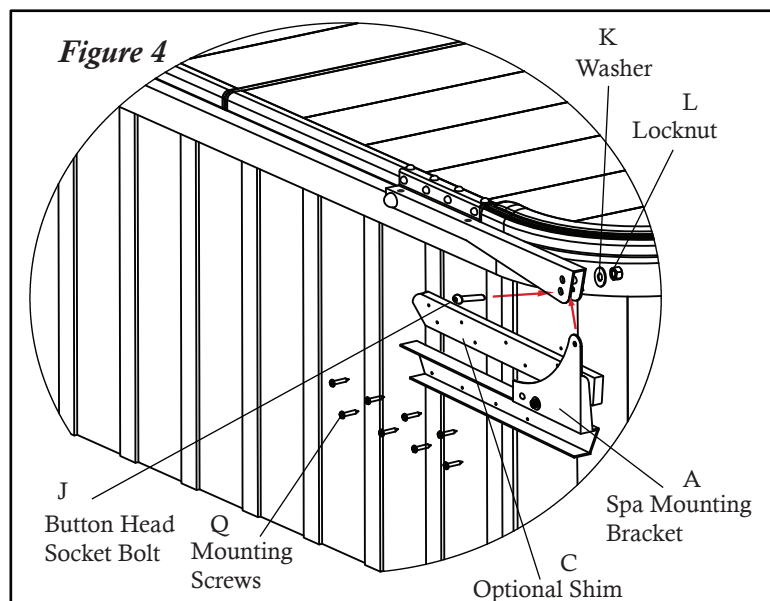
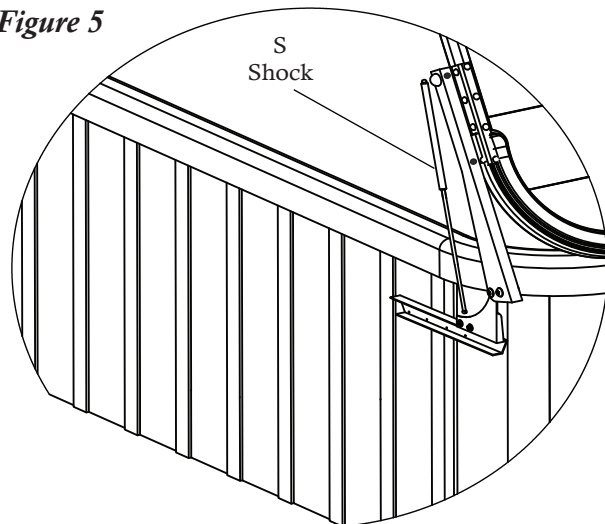


Figure 5**Step #7**

Gently raise the Smartop into the upright position making sure to keep a firm grip on the cover and attach the shocks to the ball studs (see Fig. 5). **Note:** When attaching the shocks, make sure the black body of the shock is on top. The ball studs are pre-installed in the hold closest to the back of the bracket. If the Smartop doesn't lift off the spa easily, start by moving the ball stud on one of the sides of the spa to the front hole and re-attach the shock. If the Smartop still doesn't lift off the spa easily, repeat the process on the opposite side of the spa.

Step #8

Attach the 2-piece VXL arm mount to the Smartop cover using the supplied 1/4 x 3/4" flat head socket screws, 1/4 flat washers & 1/4 locknuts (see Fig. 6). **Note:** The excess length of the 2-piece arm mount hangs towards the back of the spa.

Step #9

Attach the handle to the Smartop 2-piece VXL arm mount using the supplied 5/16 x 1-1/4" button head socket bolt (see Fig. 6). **Note:** Attach the handle to the Smartop cover bracket using the hole closer to the back of the spa.

Step #10

Attach the Vanish XL pivot arms to the Smartop using the supplied button head socket bolts and let the assembly hang freely (see Fig. 7). **Note:** Make sure to run the bolts from the inside out. The locknuts need to be facing outwards. **Note:** The plastic shim washers have been pre-installed at the factory. Upon completion of the installation of your Smartop, any remaining plastic shim washers should be discarded. Do not overtighten bolts, the pivot arms must rotate freely.

Step #11

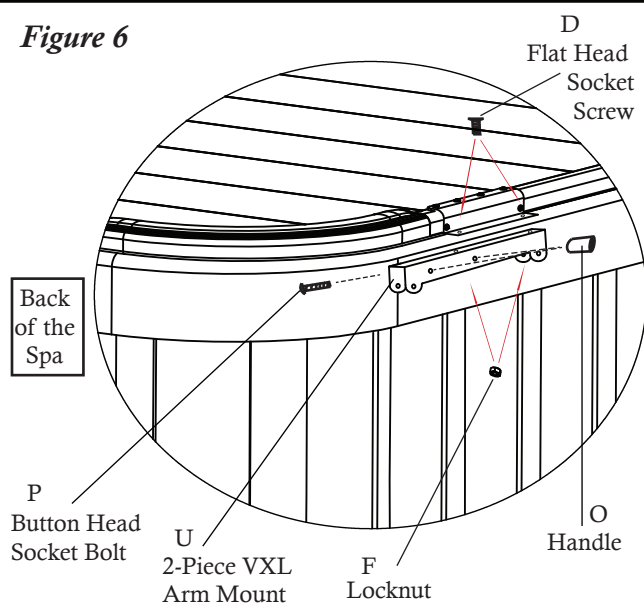
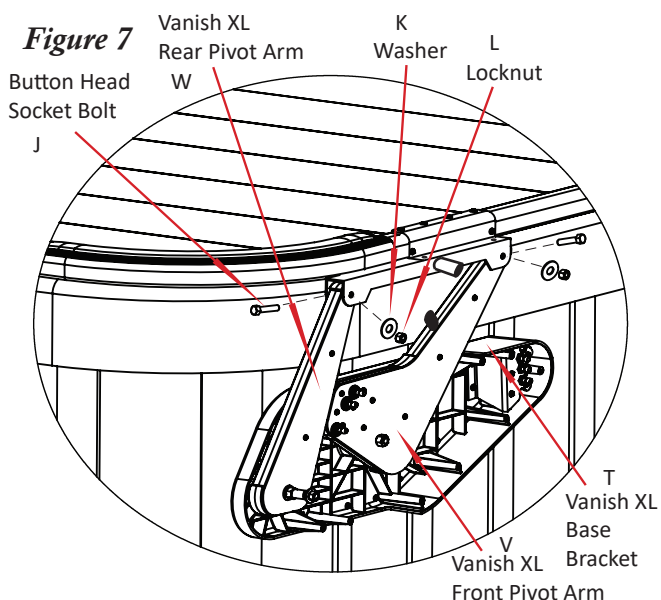
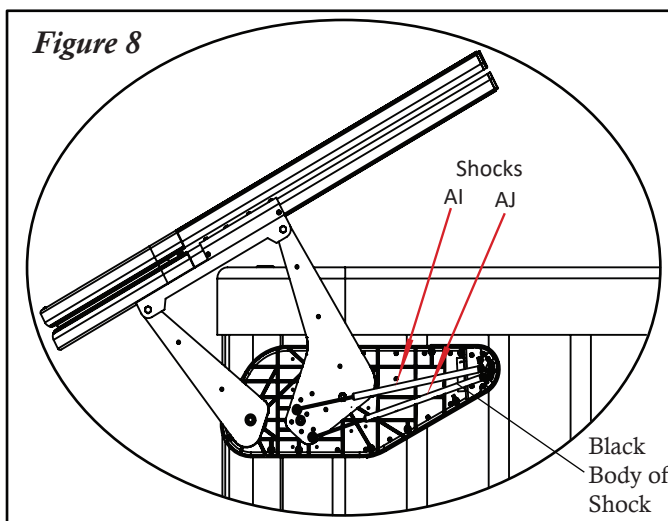
Prior to completing this step, open the VanishXL half of the cover and adjust the position of the cover by 1/4" towards the middle of the spa. This is so that when the shocks are finally installed and motioned a couple times, the two covers seal against each other properly when they are in the closed position. Swing the Vanish XL bracket assembly forward making sure the two pivot arms rest against each other (see Fig. 7). Attach the Vanish XL bracket assembly to the spa cabinet using the supplied #10 x 1-1/2" mounting screws. **Note:** Make sure to put down-ward pressure on the Smartop when attaching the Vanish XL bracket assembly to the spa cabinet to ensure the Smartop is making a good seal with the acrylic of the spa.

Step #12

To attach the shocks to the bracket assembly, partially open your Smartop cover and snap the shocks onto the appropriate ball studs (see Fig. 8). **Note:** Make sure the black body of the shock is pointing towards the middle of the Smartop. See the attached shock positioning guide.

Step #13

Open the Smartop Vanish XL cover so it is in the fully upright position. Using the supplied #10 x 1-1/2" mounting screws, finish attaching the Vanish XL bracket assembly to the spa.

Figure 6**Figure 7****Figure 8**

Step #14

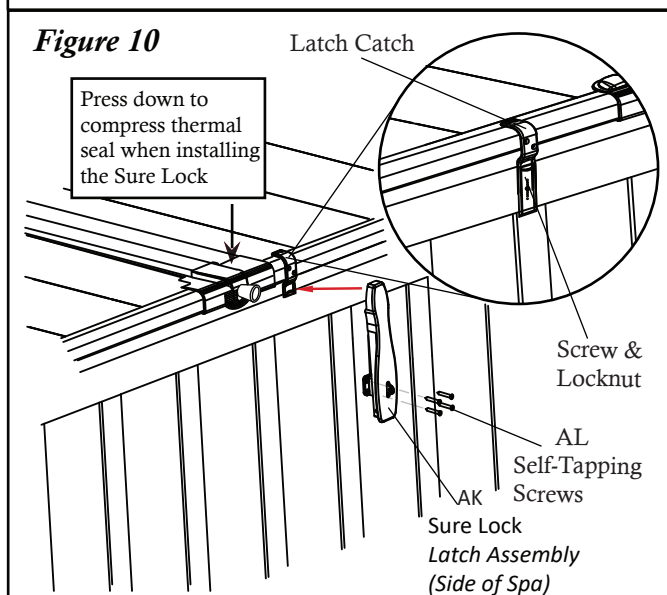
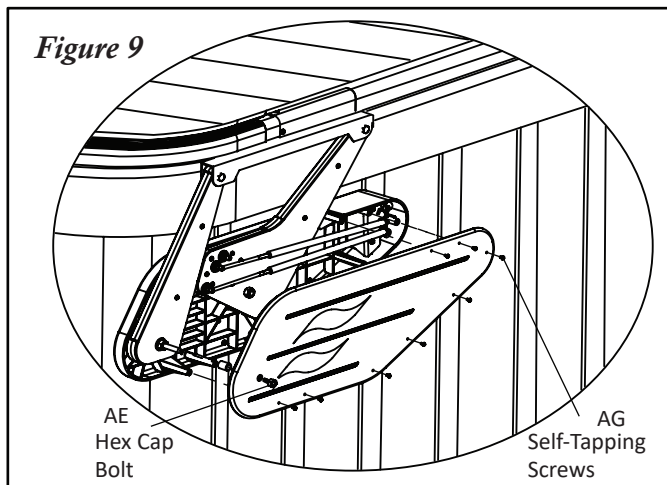
Attach the Vanish XL cover plate to the bracket assembly using the supplied self-tapping screws. Next, thread the 3/8 x 3/4" hex cap bolt through the hole in the cover plate that lines up with the rear pivot arm (see Fig. 9). **Note: Do not overtighten hex cap bolt.**

Step #15

Loosen the screw and locknut that secures the bottom half of the latch catch to the top half and rotate 180 degrees so that the hook end of the latch catch is facing down. Retighten the screw and locknut (see Fig. 10). **Note: as of 6/1/25, the latch catch has been updated to accomodate multiple acrylic sizes. If you have a spa with a large acrylic height, loosen the bolt that attaches the top and bottom halves of the latch catch and extend the latch catch to your desired length. Make sure to re-tighten the bolt that secures the top and bottom latch catch halves together. Upon initial installation of the Smartop, do not extend the latch catch to the last hole, the last hole is for further adjustment, if needed, to the Smartop later on in the life of the Smartop.**

Step #16

Connect the Sure Lock latch assembly to the latch catch. While pushing down on the Smartop, position the Sure Lock latch on the side of the spa and mark where the latch base rests against the spa skirting. Attach the Sure Lock latch to the spa skirting, where marked, using the supplied #8 x 3/4" self-tapping screws (see Fig. 10).



CAUTION!

Do not use the Smartop in high wind conditions. Injury from the spa cover being blown over and impacting the spa user can occur.

Operation of your Smartop Cover

- 1) Fold the first half of the Smartop cover off the spa. While gripping the EAS handle, motion the Smartop cover into it's vertical upright position.

ITEM	PART#	DESCRIPTION	QTY
A(L)	102177	ST UPRIGHT 3.0 CABINET MOUNTING BRACKET - LEFT	1
A(R)	102178	ST UPRIGHT 3.0 CABINET MOUNTING BRACKET - RIGHT	1
B(L)	102175	ST UPRIGHT 3.0 2-PIECE ARM MOUNT - LEFT	1
B(R)	102181	ST UPRIGHT 3.0 2-PIECE ARM MOUNT - RIGHT	1
C	101084	ST BRACKET SHIM (OPTIONAL)	2
D	101592	1/4 X 3/4" FLAT HEAD SOCKET SCREW - BLACK	8
E	100895	1/4 FLAT WASHER - BLACK	8
F	100607	1/4 NYON LOCKNUT	8
G	100244	5/16 BALL STUD	16
H	100032	5/16 NYLON LOCKNUT	16
I	100034	BLACK HEX DOME CAP	2
J	101749	3/8 X 2" BUTTON HEAD SOCKET BOLT - BLACK ZINC	8
K	100951	3/8 WASHER - BLACK ZINC	8
L	100838	3/8 LOCKNUT	8
N	101885	PLASTIC STOP - 1"	2
O	101596	HANDLE	6
P	101751	5/16 X 1-1/4" BUTTON HEAD SOCKET BOLT - BLACK ZINC	6
Q	100359	#10 X 2" PHILIPS PAN HEAD MOUNTING SCREW	20
R	100016	SMALL BLACK DOME CAPS	24
S	101796 101880-101884	SHOCK	2
T(L)	101733	ST VANISH XL BASE BRACKET (L)	1
T(R)	101734	ST VANISH XL BASE BRACKET (R)	1
U	102176	ST VANISH XL 2-PIECE ARM MOUNT	2
V	101737	VANISH XL PIVOT ARM - FRONT	1
W	101738	VANISH XL PIVOT ARM - REAR	1
X	101739	VANISH XL PIVOT ARM PLATE - FRONT	1
Y	101740	VANISH XL PIVOT ARM PLATE - REAR	1
Z(L)	101741	BALL STUD MOUNTING PLATE - LEFT	1
Z(R)	101742	BALL STUD MOUNTING PLATE - RIGHT	1
AA(L)	101743	ST VANISH XL COVER PLATE (L)	1
AA(R)	101744	ST VANISH XL COVER PLATE (R)	1
AB	101745	VANISH XL COVER PLATE ANCHOR	2
AC	101746	LARGE PIVOT ARM SHIM	4
AD	101747	SMALL PIVOT ARM SHIM	4
AE	101752	3/8 X 3/4" HEX BOLT - BLACK ZINC	2
AF	100909	#10 X 1-1/2" PHILIPS PAN HEAD MOUNTING SCREW	36
AG	100836	#10 X 1" PHILIPS PAN HEAD MOUNTING SCREW - AL2000 BLACK	16
AH	100015	LARGE BLACK DOME CAP	6
AI	101510	SHOCK - 335N	2
AJ	101390	SHOCK - 800N	2
AK	101871	SURE LOCK LATCH ASSEMBLY	2
AL	101065	#8 X 3/4" PHILIPS FLAT HEAD SELF-TAPPING SCREW - BLACK ZINC	8
AM	101079	THERMAL SEAL CONTROL PAD	1
AN	101078	LOCK	1
AO	101762	RUBBER BUMPER	2
AP	101650	#8 X 1-1/4" PHILIP FLAT HEAD SELF-TAPPING SCREW - BLACK ZINC	2

For additional information on our Smartop product, please visit our website: www.smartopspacover.com