

Figure 1



Step #1

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

Step #2

Attach the rear anchors to the rear pivot arms using the supplied 3/8 x 2-3/4" hex cap bolts, 3/8 flat washers and 3/8 locknuts. (see Fig. 1) **Note: do not overtighten bolts, the rear anchors should rotate freely on the rear pivot arms.**

Step #3

Attach the left and right rear pivot arms to the rear cross bar using the supplied 3/8 x 2-3/4" hex cap bolts and 3/8 flat washers. (see Fig. 2)

Step #4

Attach the left and right rear mounting brackets to the left and right rear pivot arms using the supplied 3/8 x 2-3/4" hex cap bolts, 3/8 flat washers and 3/8 locknuts. (see Fig. 2) **Note: do not overtighten bolts, the rear mounting brackets should rotate freely on the rear pivot arms.**

Step #5

Attach the rear anchors to the back of the vinyl cover using the supplied 3M adhesive, making sure to apply the adhesive to all surfaces contacting the cover. Hold the rear anchors in place while adhesive dries. **Note: make sure the rear anchors are centered on the back of the cover.**

Step #6

Attach the rear mounting brackets to the back of the spa using the supplied #10 x 1" mounting screws. (see Fig. 2)

Step #7

Attach the rear brace to the top of the rear mounting brackets using the supplied #10 x 5/8" self tapping screws and to the back of the spa using the supplied #10 x 1-1/2" mounting screws. (see Fig. 2)

Step #8

Attach the ballstuds to the upper hole in the rear mounting brackets making sure the ball stud is pointed towards the outside of the spa. Next, attach the ballstuds to the rear pivot arms. Place the 4 hex dome caps over the ball stud lock nuts. (see Fig. 2)

Step #9

Snap the gas shocks on the ball studs. **Note: be sure to install the gas shocks with the black body on top.**

Step #10

Attach the left and right side mounting brackets to the appropriate sides of the spa using the supplied #10 x 1-1/2" mounting screws. Brackets should be mounted so the pivot hole is 9-1/2" from the back of the spa and 22-1/2" from the top of the acrylic. (see Fig. 3)

Step #11

Attach the side anchors to the top of the cover 13" back from the center of the cover using the supplied 3M adhesive, making sure to apply the adhesive to all surfaces contacting the cover. (see Fig. 4)

Figure 2

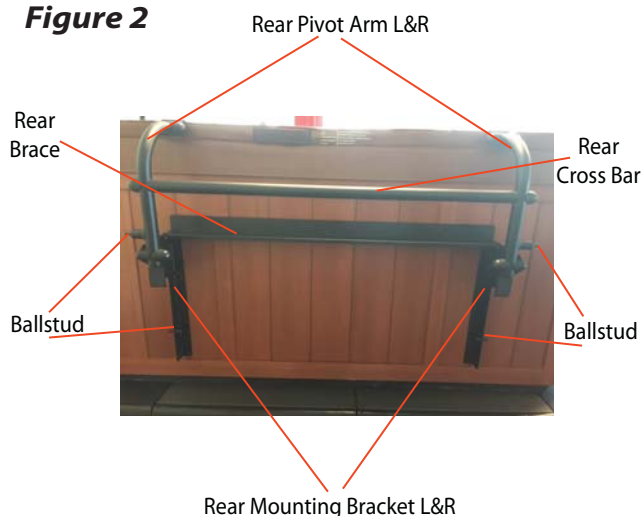
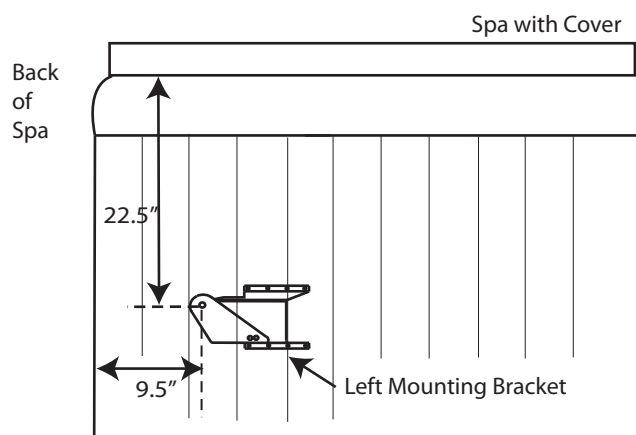


Figure 3



Step #12

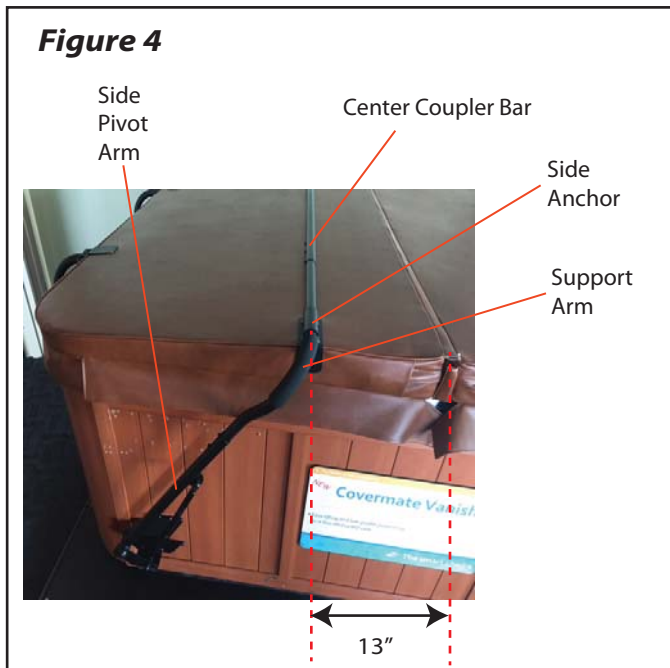
Slide the support arms through the side anchors making sure to slide the 2'7" center coupler bars onto the support arms and the 2'5" center coupler bar. Next, slide the pivot arms over the exposed portion of the support arms until the pivot bushings line up with the hole in the side mounting brackets. Using the supplied 3/8 x 2-3/4" hex cap bolts, 3/8 flat washers and 3/8 locknuts, attach the pivot arms to the side mounting brackets. Next, using the supplied #10 x 5/8" self tapping screws, fasten the pivot arms to the support arms and attach the center coupler bar to the supports arms. (see Fig. 4)

Step #13

Next, install the ball studs to the left and right pivot arms. Place the two hex dome caps over the ball stud lock nuts. **Note: Be sure that the ball is pointing away from the spa.**

Step #14

Position the Smartop in the open position on the spa. Snap the shock onto the ball stud on the pivot arm. **Note: be sure to install the gas shocks with the black body on top.** Next, swing the other end of the shock down towards the side mounting bracket to determine which hole to install the other ball stud in. Install the ball stud in the correct hole in the side mounting bracket. Snap the end of the shock on the ball stud. (see Fig. 4).



ITEM	PART#	DESCRIPTION	QTY
A	101049	SUPPORT ARM (CANDY CANE)	2
B	100002	FOAM GRIP 8"	2
C	101198	COUPLER BAR 2'7" x 1-1/4"	2
D	101199	COUPLER BAR 2'5" x 1-1/8	1
E	101496	SIDE PIVOT ARM 1'8" X 1-1/4"	2
F(L)	101492	SIDE MOUNTING BRACKET - LEFT	1
F(R)	101501	SIDE MOUNTING BRACKET - RIGHT	1
G(L)	101502	REAR PIVOT ARM - LEFT	1
G(R)	101503	REAR PIVOT ARM - RIGHT	1
H(L)	101504	REAR MOUNTING BRACKET - LEFT	1
H(R)	101505	REAR MOUNTING BRACKET - RIGHT	1
I	101506	REAR CROSS BAR	1
J	101500	REAR ANCHOR	2
K	101509	SIDE ANCHOR	2
L	101508	REAR BRACE	1
M	100344	BUSHING	14
N	100909	#10 X 1-1/2" MOUNTING SCREWS	38
O	101131	#10 X 5/8" SELF TAPPING SCREWS (STAINLESS STEEL)	20
P	100026	3/8 X 2-3/4" HEX CAP BOLT	8
Q	100012	3/8 FLAT WASHER	10
R	100011	3/8 NYLON LOCKNUT	6
S	100244	5/16 BALL STUD	8
T	100032	5/16 NYLON LOCKNUT	6
U	100034	HEX PLASTIC DOME CAP	6
V	101449	SHOCK-CM VANISH-REAR(190N)	2
W	100828	SHOCK-CM VANISH-SIDE(180N)	2
X	100015	LARGE BLACK DOME CAP	14
Y	100016	SMALL BLACK DOME CAP	56
Z	101511	3M ADHESIVE	2