

CoverCradle® II

Retractable Cover System

TOOLS REQUIRED FOR ASSEMBLY

DRILL
1/8" DRILL BIT
7/64" DRILL BIT
#2 SQ. DRIVER BIT
SLOT SCREWDRIVER
7/16" NUT DRIVER OR SOCKET

PIVOT ASSEMBLY (RIGHT)

PIVOT ASSEMBLY (LEFT)

SIDE ARM ASSEMBLY

CARDBOARD TEMPLATE

SIDE HINGE (WITH SCREW)

REAR HINGE (WITH SCREW)

#10 x 2" SQUARE DRIVE FLAT HEAD SCREW
USE ONLY ON SPAS WITH REMOVABLE PANELS
(See Page 2)

#10 x 2" SQUARE DRIVE PAN HEAD SCREW
USE ONLY ON SPAS WITH REMOVABLE PANELS
(See Page 2)

#10 x 1 1/2" SQUARE DRIVE FLAT HEAD SCREW

#10 x 1 1/2" SQUARE DRIVE PAN HEAD SCREW

#10 x 1" SQUARE DRIVE PAN HEAD SCREW

1/4"-20 x 3/4" HEX BOLT

CROSSLINK ASSEMBLY

GAS SPRING

REFER TO THE LAST PAGE OF THESE INSTRUCTIONS FOR A COMPLETE LIST OF KIT CONTENTS

IMPORTANT:

THIS KIT FOR INSTALLATION ON THE FOLLOWING MODELS ONLY:

HOT SPRING & TIGER RIVER

96" ONLY	97" - CURRENT	00" - CURRENT
Landmark (S)	Grandee (G)	Jetsetter (J)
Prodigy (H)	Vanguard (V)	Siberian (L)
Jetsetter (J)	Sovereign (I)	Bengal (M)
Kyber (L)	Sovereign LE (ILE)	Sumatran (N)
Manora (M)	Prodigy (H)	SLXtra (WQ)
Sovereign (I)		

Read these instructions thoroughly before performing the installation.

There must be a minimum of 24" clearance between a wall and the retracting side of the spa for the cover to operate properly.

To ensure that the cover seals correctly, the spa must be leveled as described in the spa's predelivery instructions.

Check your spa cover and the direction it opens in relation to the equipment compartment. Refer to Figure A (cover opens front to back) or Figure B (cover opens side to side) for the LEFT and RIGHT orientation to install this kit.

Use #10 x 2" screws ONLY for spas with Removable Panels.

To determine if your spa has removable panels, do the following: Look below any of the three panels. If you see three L-brackets attached to the bottom of the side panel and to the black kick plate, then the spa has removable panels.

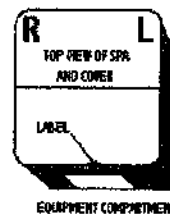


Figure A

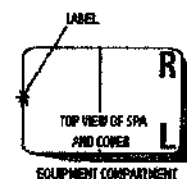


Figure B

STEP 1: PREPARING THE COVER

A. Position the cover on the spa per model type shown in Figure A.

B. Stand at the back of the spa and align the edge of the Spa Cover with the Bar Top Edge. See Figure 1.

C. Locate Hardware bag #1.

D. Install (2) Side Hinges & (2) Rear Hinges on the spa cover as described below:

1. There is an Aluminum Plate located under the vinyl at each hinge installation location. Locate these (4) Plates by feeling the sides of the REAR HALF of the vinyl cover. See Figure 2.
2. There are two predrilled holes in each Plate. Feel around the face of the Plate to find the predrilled holes; then use a drill bit to puncture the vinyl covering each hole.

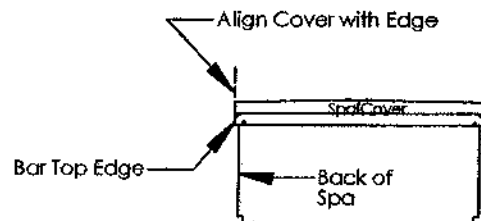


Figure 1

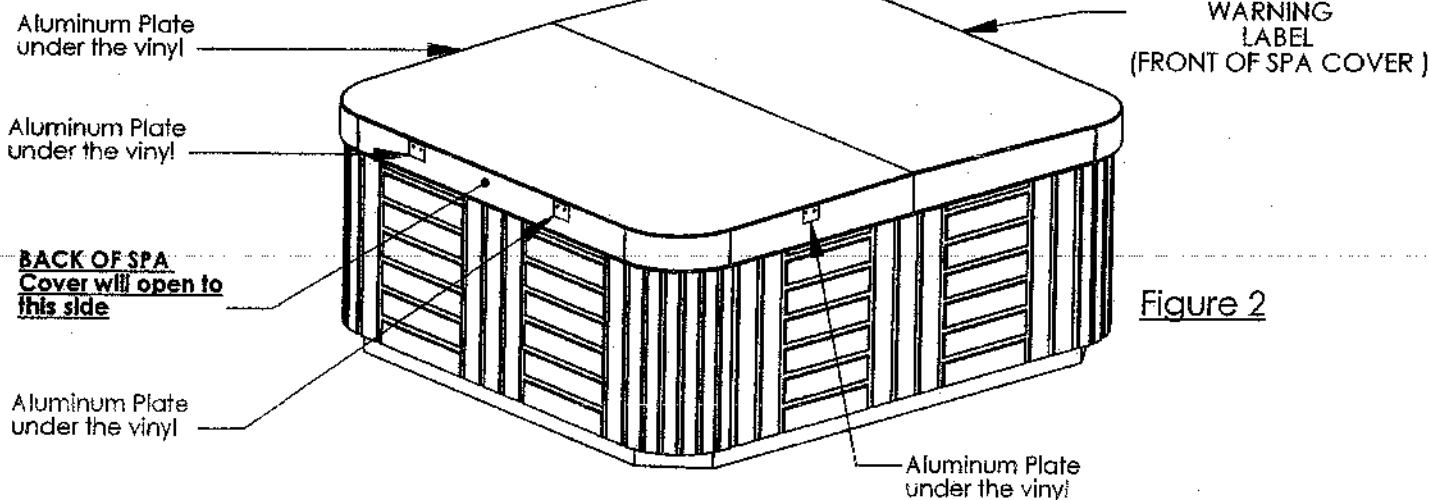
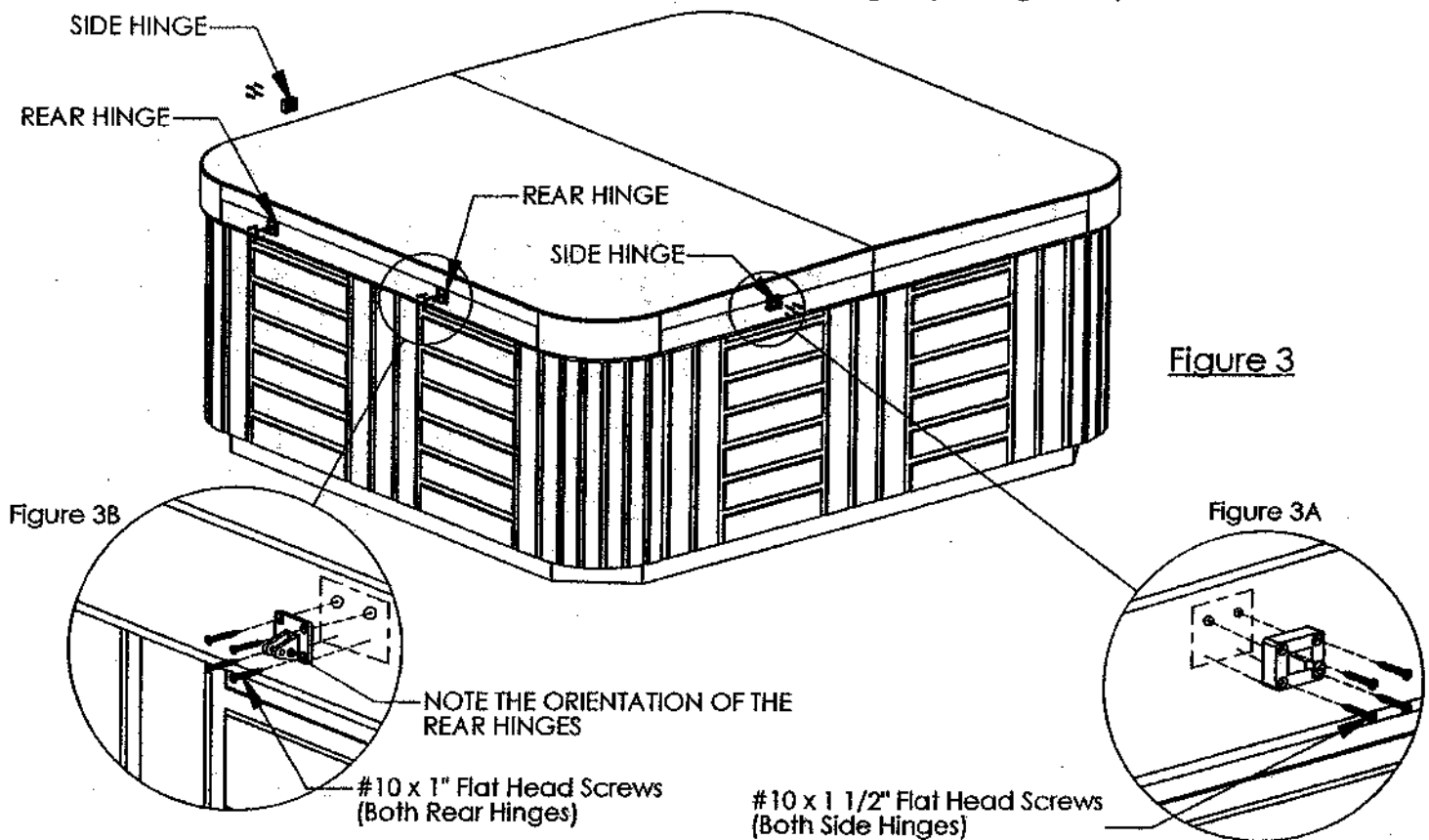


Figure 2

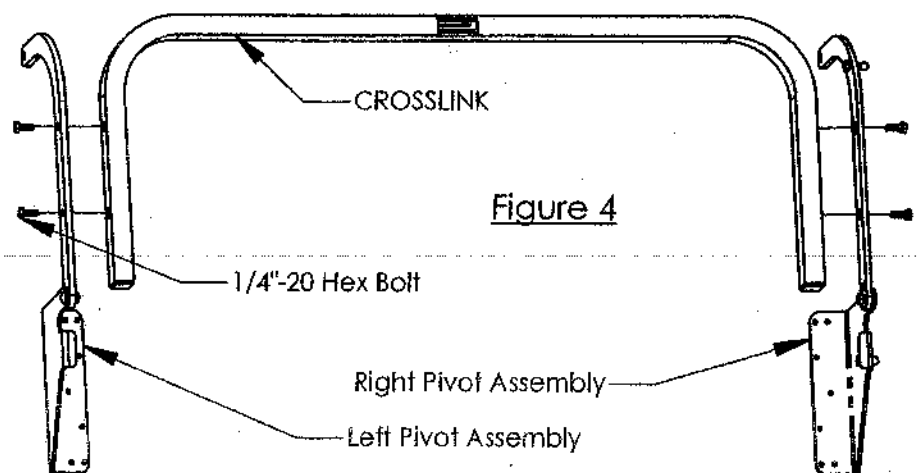
STEP 1 (Continued): PREPARING THE COVER

3. Align the Side Hinge with the predrilled holes as shown below. Secure using (2) #10 x 1 1/2" Flat Head Screws. (See Figure 3A)
4. Drill (2) 1/8" holes in the channel using the lower (2) holes in the Side Hinge as a template.
5. Install the remaining (2) screws in the Side Hinge.
6. Repeat steps 1-5 for the other Side Hinge location as shown in Fig. 3.
7. Repeat steps 1-5 for both Rear Hinge locations with one exception. Use #10 x 1" Flat Head Screws on the Rear Hinges. Notice the orientation of the Rear Hinges. (See Figure 3B)



STEP 2: ASSEMBLE CROSSLINK TO RIGHT & LEFT PIVOT ASSEMBLIES

- A. Locate the Right & Left Pivot Assemblies, the Crosslink, and, (4) 1/4"-20 x 3/4" Hex Bolts (Hardware bag#2).
- B. Orient the Crosslink and Pivot Assemblies on the floor as shown in Fig. 4.
- C. Attach the Crosslink to the Pivot Assemblies with the (4) Hex Bolts as shown in Fig. 4.



STEP 3: ATTACH REAR PIVOT ASSEMBLY TO SPA COVER

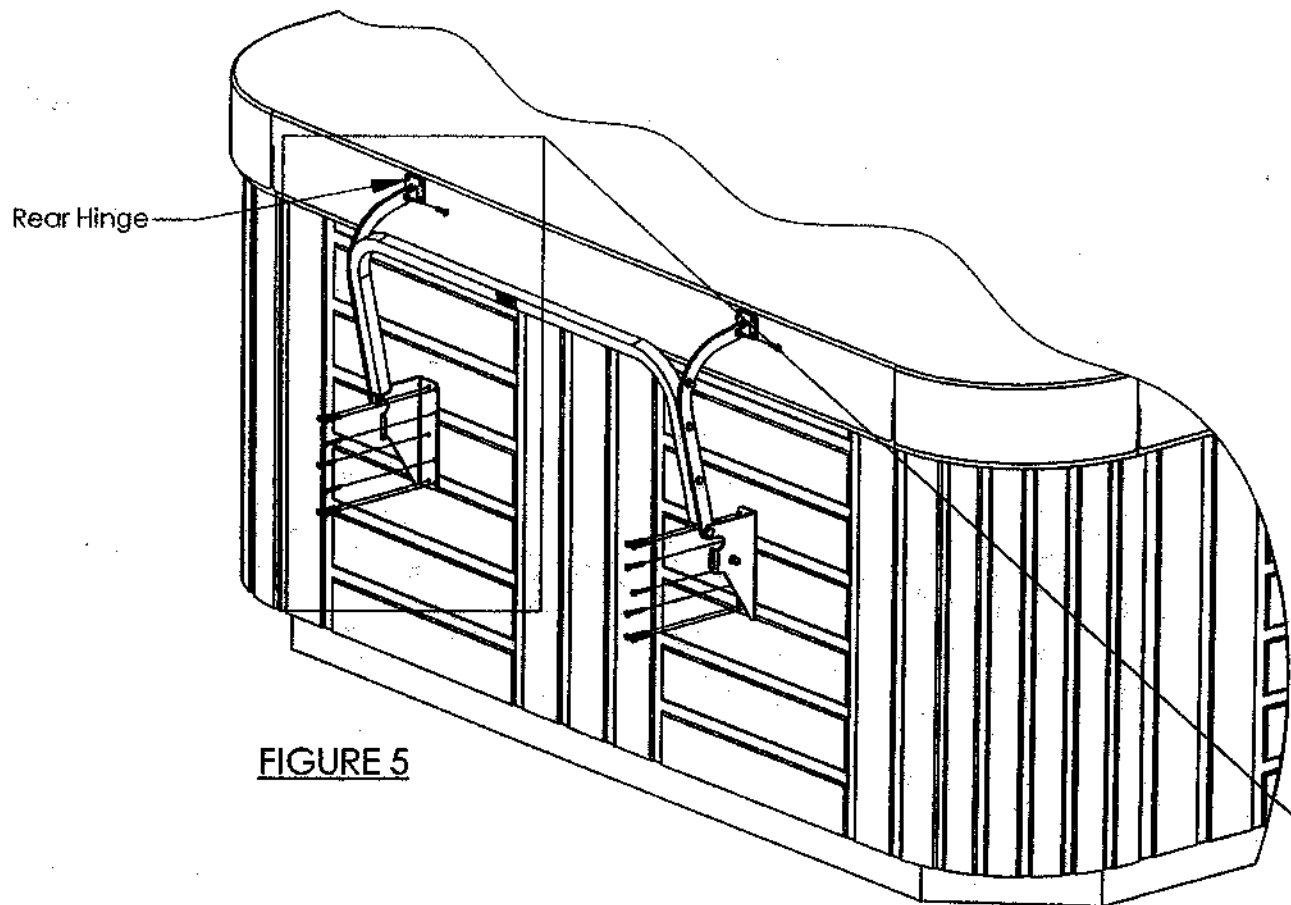


FIGURE 5

- A. Unscrew the Pan Head Screws located in the Rear Hinges.
- B. Slide the Pivot Arms into the Rear Hinges on the back of the Spa Cover as shown in Fig. 6 and reinsert Pan Head Screw through the Pivot Arm and rotate the entire Pivot Assembly down so that the Mounting Bracket rests against the spa. Rotate the Mounting Bracket so it rests flat against the spa panel.

TIGER RIVER NOTE:

If necessary, the 5" wood shims included in the kit may be inserted between the Mounting Bracket Flanges and the spa skirt to allow the Brackets to lay flat even in the presence of spa panel grooves or gaps.

Now carefully examine the cover to be sure it is still aligned with the outside edge of the bartop (Refer to Fig. 1 on page 2). This is the FINAL Position of cover!

- C. Using the Mounting Bracket as a template, predrill $7/64$ " holes into the back of the spa a depth of $1/2$ " max. (There are 7 holes in each Mounting Bracket).
- D. Locate (14) #10 x $1\ 1/2$ " Pan Head Screws from Hardware bag #2 (Use 2" Pan Head Screws, from Hardware bag #3, if the spa has removable panels, see page 2) and install through each hole in the Mounting Brackets as shown in Fig. 6.

Do Not Overtighten!

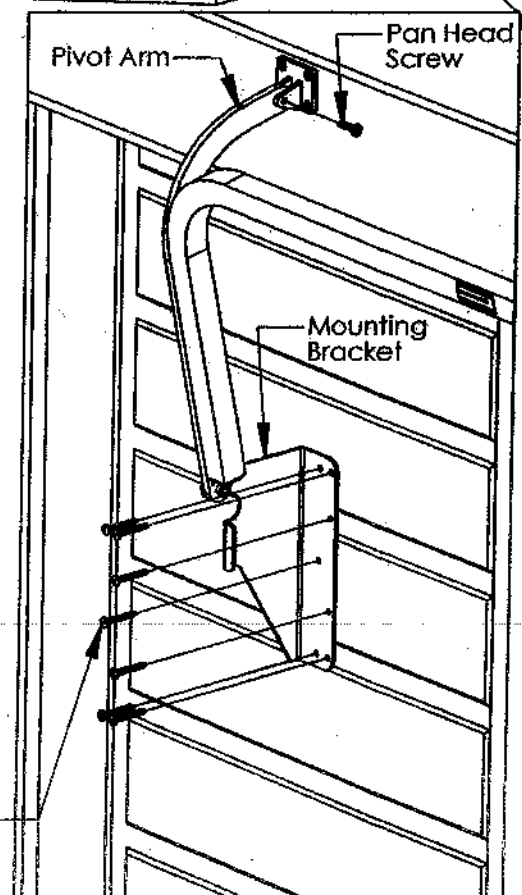
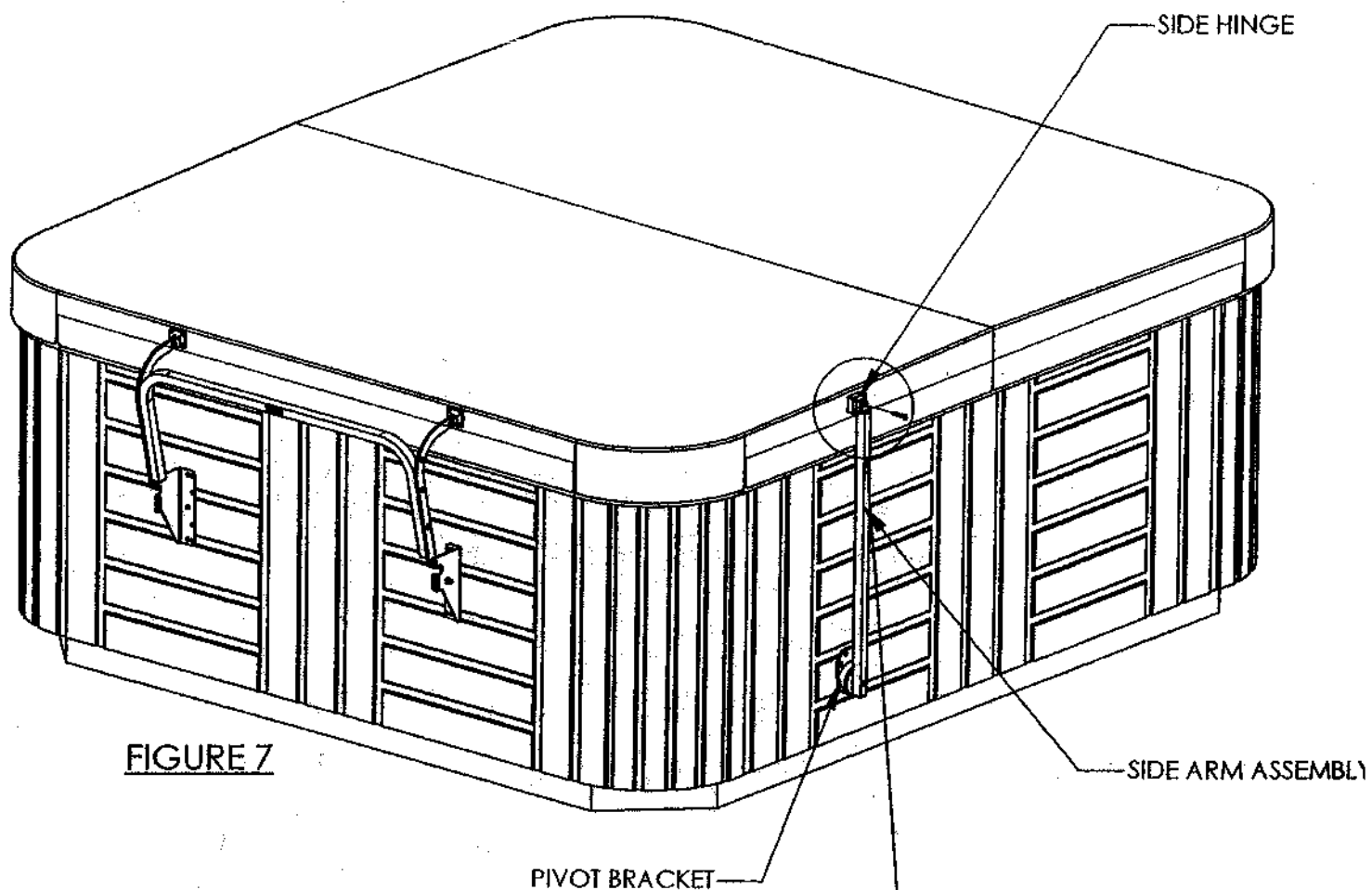


FIGURE 6



STEP 4: INSTALL SIDE ARM ASSEMBLY

- A. Locate (2) Side Arm Assemblies.
- B. Unscrew Side Hinge Screw. Mount the Side Arm Assembly as shown in Fig. 8 and reinsert the Side Hinge Screw to attach the Side Arm Assembly.

Make sure the Pivot Bracket on the Side Arm is facing in against the spa side.

DO NOT over tighten the screw or the cover will bind. Repeat on the other side of spa.

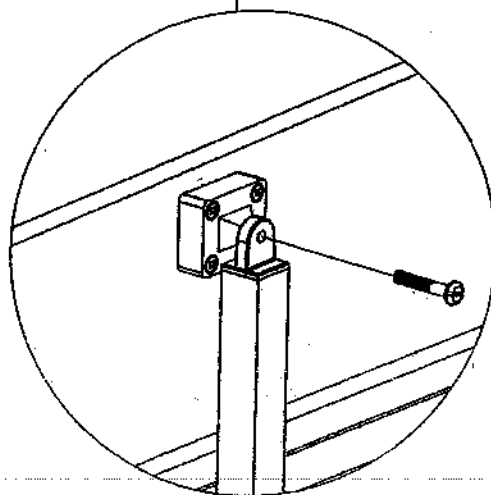


FIGURE 8

STEP 5: SIDE ARM ALIGNMENT

- A. Locate the Cardboard Template.
- B. Swing the Side Arm to the rear of the spa according to Fig 9.
- C. Place the angled side of the Template against the Side Arm and slide the Template down until it is aligned with a horizontal edge on the spa, or the ground (only if the ground is smooth and even). See Figure 9.
- D. Rotate the Pivot Bracket until the holes are facing to the front of the spa as shown in Fig 9.
- E. Hold the Side Arm in this position to complete the next steps.
- F. With the Side Arm still in position, mark the (4) hole locations through the Pivot Bracket holes.
- G. Drill $7/64$ " holes ($1/2$ " deep Max) in the spa side at these marked locations shown in Fig 10.
- H. Locate and install (4) #10 x $1\frac{1}{2}$ " Flat Head screws from Hardware bag #2 to secure the Pivot Bracket to the spa. For spas with removable panels, use #10 x 2" Flat Head screws from Hardware bag #3. See page 2 for more information on removable panels.
- I. Repeat these steps on other side of spa with the other Side Arm.

FIGURE 9

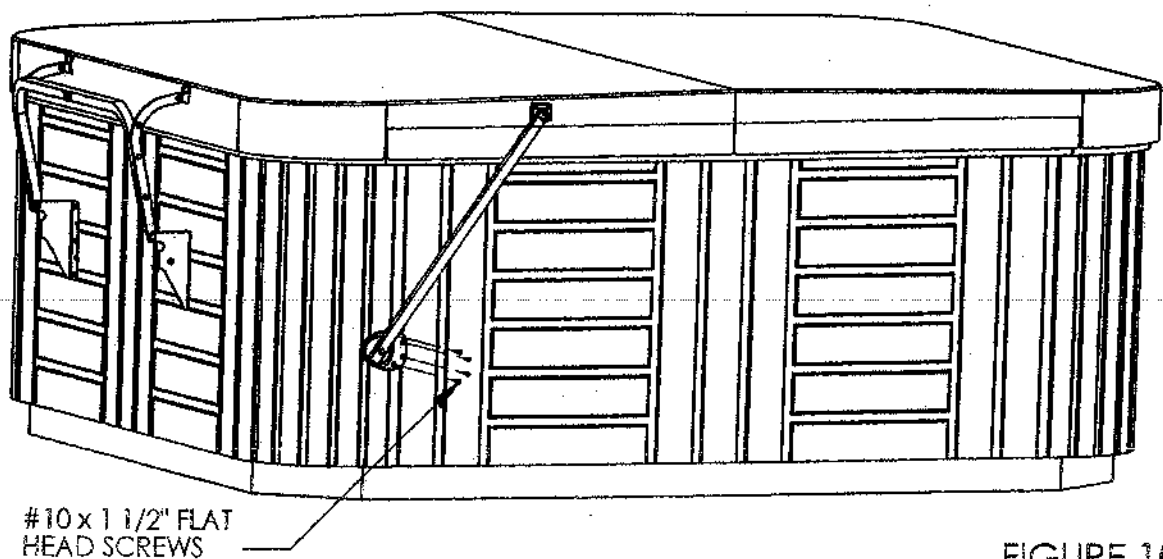
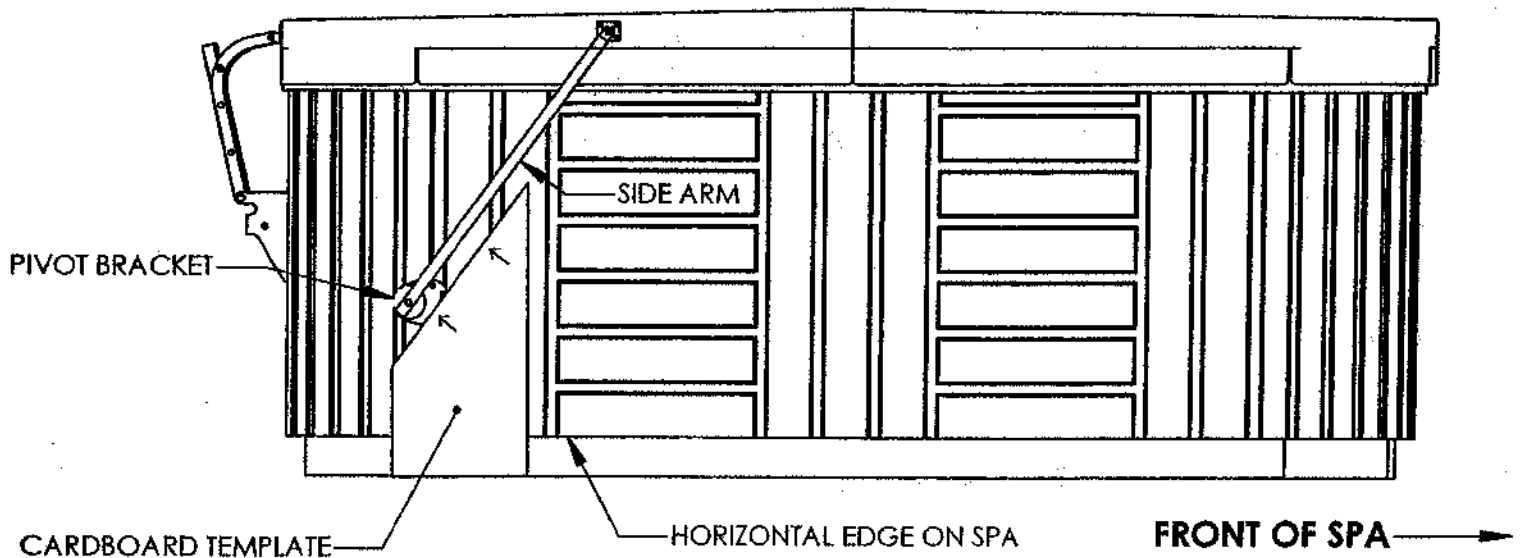
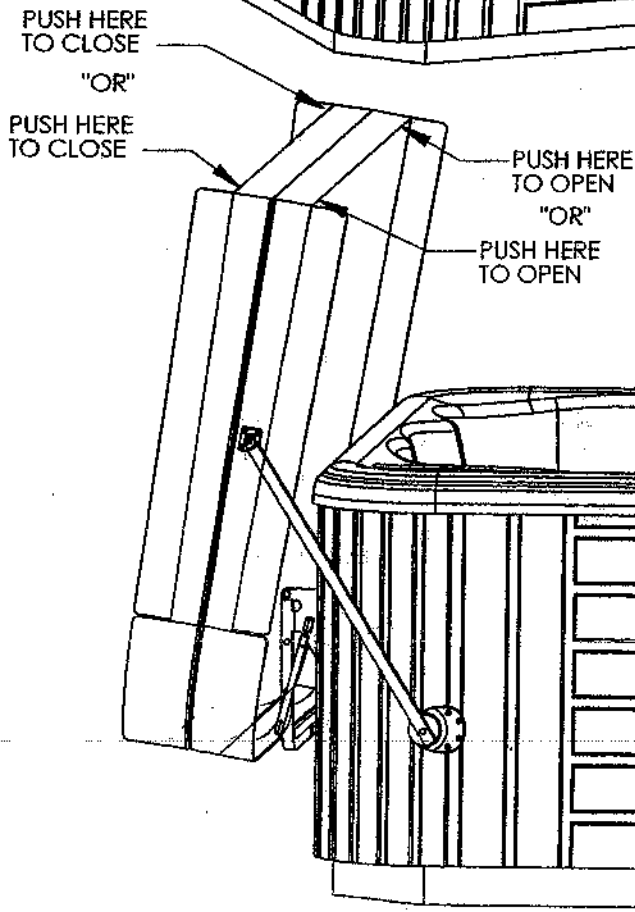
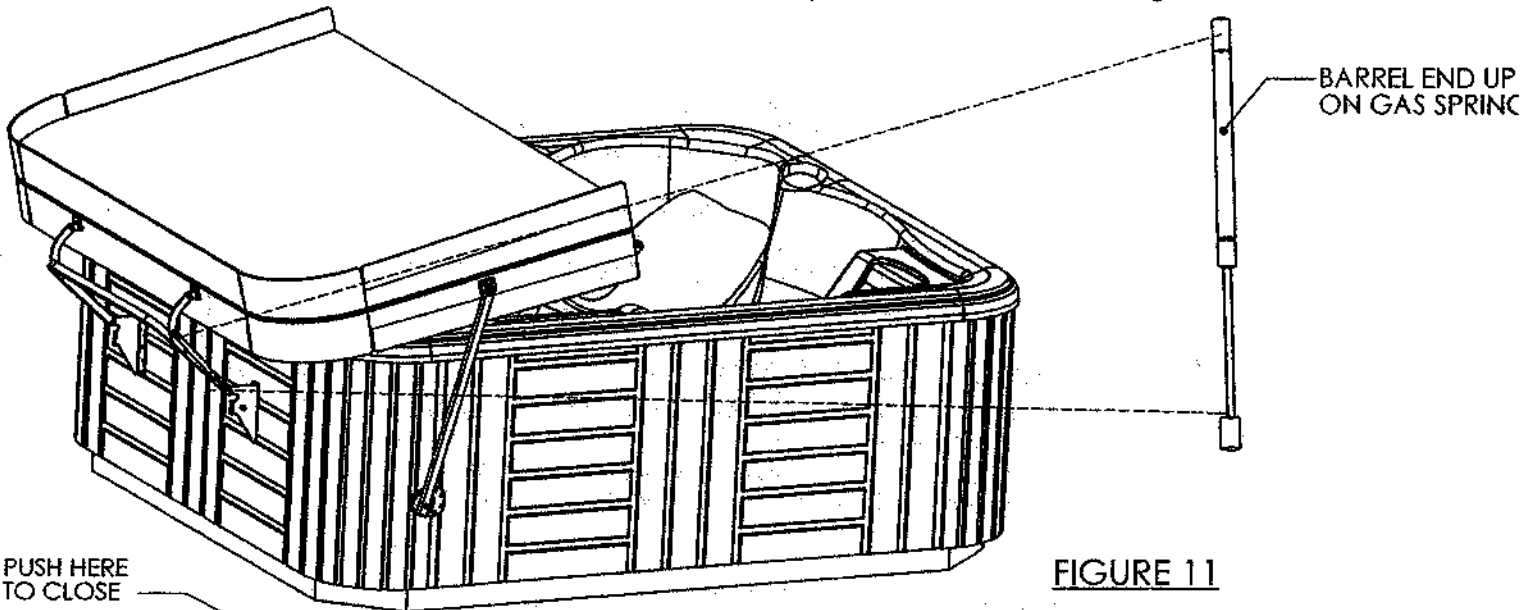


FIGURE 10

STEP 6: INSTALL GAS SPRING

- A. Fold the cover in half and go to the back of the spa.
- B. Locate the Gas Spring.
- C. Position the Gas Spring with the barrel end up (shown in Fig 11). Snap the joint on the barrel end over the Upper Ball Stud on the Pivot Arm, then pull back the cover to the position shown, and snap the lower joint onto the Lower Ball Stud. Close the cover. Figure 12 shows the Proper technique for opening and closing your cover to minimize binding of the cover and linkages.



PROPER TECHNIQUE FOR OPENING AND CLOSING COVER

Push the cover open or closed in the areas indicated with arrows, on either side of the cover. Cover should come to a gentle rest with a slight tilt towards the spa.

FIGURE 12(FINAL POSITION OF COVER)

CoverCradle II Retractable Cover System

CONTENTS

- (1) Pivot Assembly, Left (72712)
- (1) Pivot Assembly, Right (72713)
- (2) Side Arm Assembly (72573)
- (1) Cardboard Template 54 degree (71222)
- (1) Gas Spring (71095)
- (1) Crosslink Assembly (72572)
- (3) Hardware bags; Contents as follows:
- (2) Wood Shim (used on Tiger River spas) (71094)

Hardware Bag #1 (72574)

- (2) 4-Hole Side Hinge with 11/16" base Assembly
- (2) 4-Hole Rear Hinge
- (8) #10 x 1" Square Flat Head Tapping Screw
- (8) #10 x 1 1/2" Square Flat Head Tapping Screw

Hardware Bag #2 (72714)

- (4) 1/4-20 x 3/4" Hex Bolt with Nylock Patch
- (8) #10 x 1 1/2" Square Flat Head Tapping Screw
- (14) #10 x 1 1/2" Square Pan Head Tapping Screw

Hardware Bag #3 (72715)

(USE ONLY ON SPA WITH REMOVABLE PANELS)

- (14) #10 x 2" Square Pan Head Tapping Screw
- (8) #10 x 2" Square Flat Head Tapping Screw