

PRODUCT MODEL

Oasis Cover

PURPOSE OF THE REPLACEMENT PROCEDURE

This repair procedure should be performed if the replacement of the inner shell is required on the Oasis spa cover with lighting system.

PREPARATION

- Make sure the parts kit is complete and that parts have not been damaged during transport. Call your local dealer if parts need to be replaced.
- Gather the required tools, as seen in the table at right.

TOOLS REQUIRED

2 x Phillips screwdrivers	36" long level
Long nose pliers	Measuring tape
Masking tape or duct tape	Utility knife

PARTS KIT NO. 225242 (NORTH AMERICA) / NO. 225483 (EUROPE)

1 x Inner shell with lights	1 x 33¼" Seal
1 x Hardware kit (mocha)	1 x Hardware kit (slate)
1 x 8-pack Foam bumper	

Version française à la page 5.

⚠ CAUTION

Keep in mind that the screws may break or strip if the torque is too much when using power tools.

⚠ WARNING

This procedure must be performed by a certified Covana installer.

Keep the key out of the key switch socket at all times. The certified Covana installer must keep control of the key during the repair procedure. Derogation from this directive could cause serious injury or damage the cover.

STEP BY STEP PROCEDURE

A- REMOVING THE OUTER SHELL

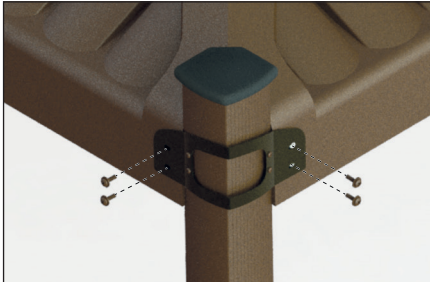
- 1) Lower the cover (fully closed) and ensure it is sitting on the spa completely.
- 2) Remove the four M6 x 20 mm bolts and 5/16" painted metal washers from each post to separate the cover from its posts. **Do not discard!** Leave the bracket attached to the sleeve. 

IMAGE 1

- 3) With the help of another person, separate the cover in two parts to be able to remove the outer shell. To do so, push inwards on the steel frame of the inner shell; this will clear the metal inserts from the outer shell slots to give better leverage. Then, carefully lift the outer shell from the cover and put it aside, in a safe place (see image 2).

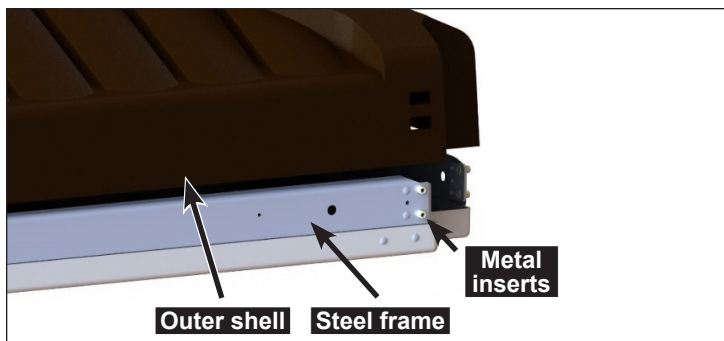


IMAGE 2

⚠ CAUTION

Ensure all the screws from step 2 are removed.

When handling the outer shell, two people must support it with both hands. A wide grip is recommended when handling the outer shell, as all four sides must be lifted equally.

Failure to follow these instructions will cause permanent damage to the cover.

B- RETRIEVING THE CTS-70 FROM THE DEFECTIVE INNER SHELL


- 1) Disconnect the lighting system wire. 

IMAGE 3


- 2) Remove both screws holding the CTS-70 in place. 

IMAGE 4

- Using a Phillips screwdriver, remove both screws holding the cable grip in place.

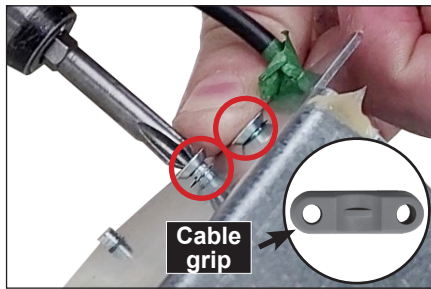


IMAGE 5

- Using a Phillips screwdriver, remove both screws holding the vertical pulley in place.

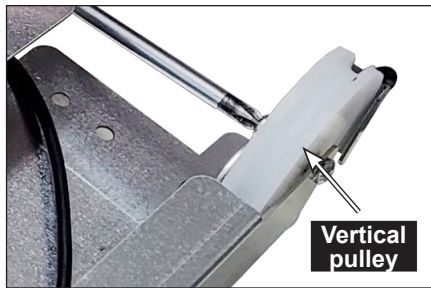


IMAGE 6-A



IMAGE 6-B

- Using a Phillips screwdriver, remove the screw holding the metal bracket in place.



IMAGE 7

- Pull the tension carriage out of the CTS-70.



IMAGE 8

- Pull the wire out of the tension carriage.

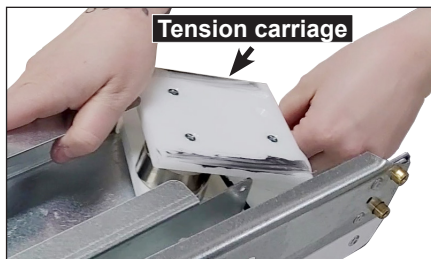


IMAGE 9

- Using long nose pliers, pinch the grommet and push it down.

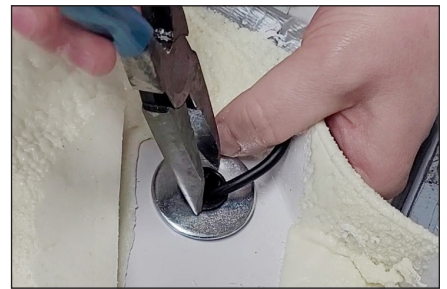


IMAGE 10

- Pull the wire out of the inner shell.
- With the help of another person, carefully lift the defective inner shell from the spa and discard.

C- INSTALLING THE NEW INNER SHELL

- Install the foam spacers on the top of the spa near each corner. Use the masking tape provided in the seal bag to keep the spacers in place. Install at least 3 foam spacers on each longest side. Do not stack the foam spacers.

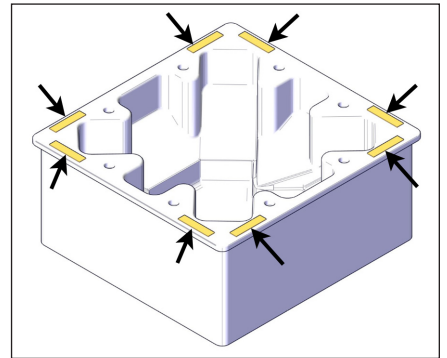


IMAGE 11

- Install the new inner shell on the spa and center it as best as possible. Measure the spa dimensions and align the long side of the cover with the longest side of the spa. The light switch should be placed on the entry side of the spa.

⚠ CAUTION

When handling the inner shell, two people must support it with both hands. A wide grip is recommended when handling the inner shell, as all four sides must be lifted equally. Failure to follow these instructions will cause permanent damage to the cover.

D- INSTALLING THE CTS-70 ON THE NEW INNER SHELL

- Run the lighting system wire through the corner hole of the new inner shell, making sure to reinstall the washer and the grommet.

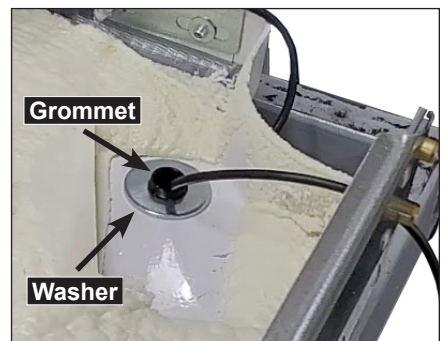


IMAGE 12

- 2) Pull the tension carriage all the way to the vertical pulley and pull half of its length out. Run the wire through the tension carriage.

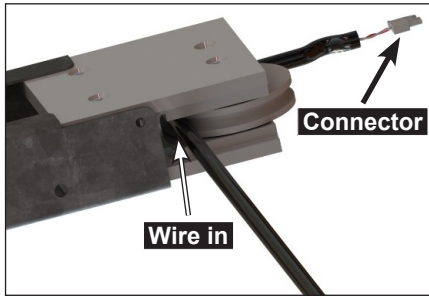


IMAGE 13

CAUTION
Ensure that the wire is in the pulley groove.

- 3) Let the tension carriage gently slide back to its original position.

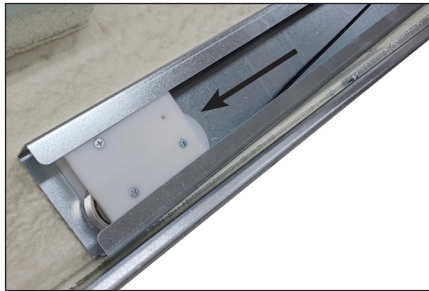


IMAGE 14

- 4) Secure the vertical pulley to the CTS-70 using the standoff and three screws as illustrated in image 15. Ensure the wire coming from under the inner shell is going through the groove of the vertical pulley and through the pulley of the CTS-70.

Install the cable grip on the wire going to the LEDs **without tightening the screws**. Only tighten the screws about a half turn to let the wire move freely, see image 15.

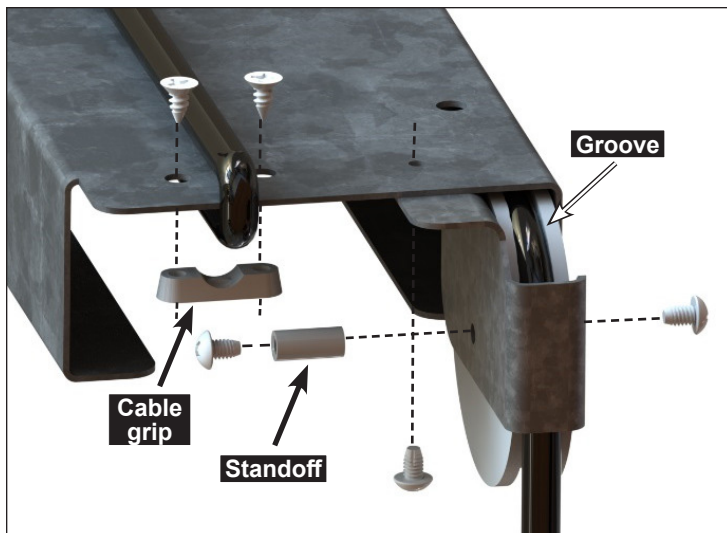


IMAGE 15

CAUTION
Do not tighten the cable grip screws yet.
Handle the wire with care as it could get damaged on the sharp edges of the CTS-70.

- 5) Align the holes in the CTS-70 with the ones in the inner steel frame. Ensure the vertical pulley is clear of any foam from the inner shell (cut the foam out with a utility knife if need be). Secure the CTS-70 to the new inner shell using both previously removed flat head screws. Ensure to torque the screws enough so the inner shell steel frame slightly deforms itself against the CTS-70.

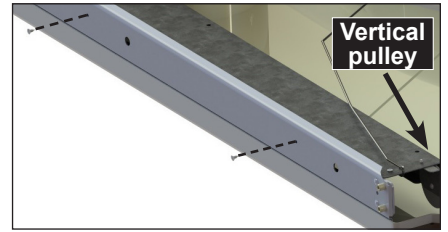


IMAGE 16

- 6) Ensure the tension carriage can travel the entire length of the CTS-70 without getting obstructed by the foam. To do so, gently pull the exiting wire under the inner shell while holding the wire going to the LEDs. If not, cut the undesired foam out.

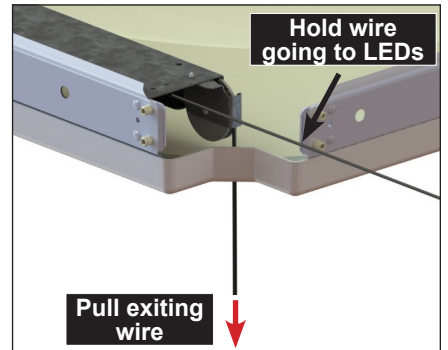


IMAGE 17

- 7) Pull the tension carriage a few inches and insert a screwdriver in the hole at the end of the CTS-70, all the way through to the foam.

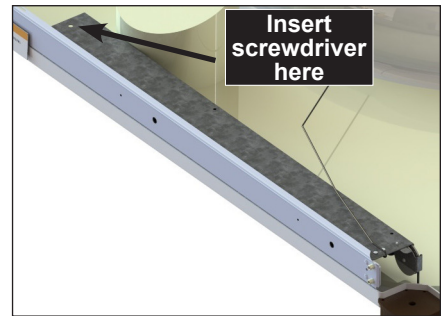


IMAGE 18

CAUTION
Ensure the screws holding the cable grip in place are loose enough to let the wire move freely.

- 8) Pull the wire going to the LEDs until it is tensioned but without making the tension carriage move. Then, tighten the screws of the cable grip.

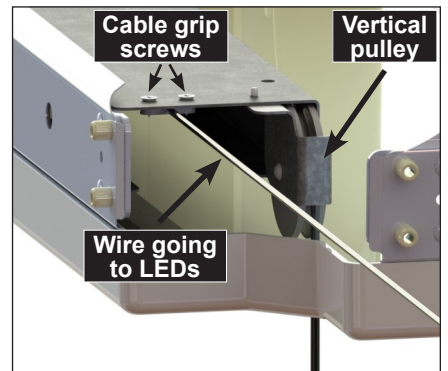


IMAGE 19

- 9) Remove the screwdriver to release the tension carriage. This will ensure a constant tension in the wire.

- 10) Flip what's left of the wire on top of the CTS-70 and use tape to hold it in place.

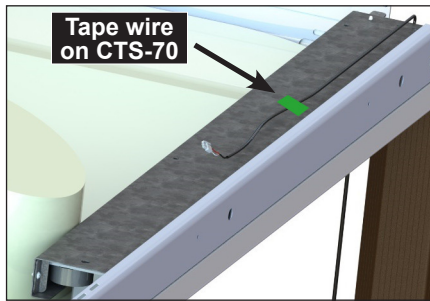


IMAGE 20

- 11) Bring the light harness all the way to the CTS-70 and connect both wires together.

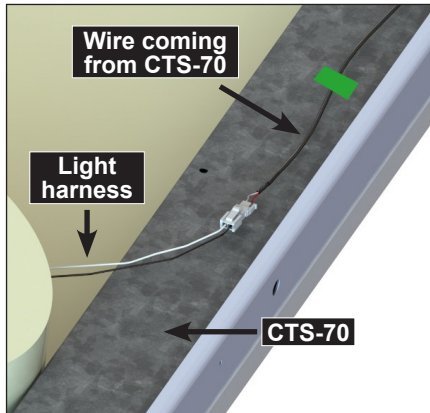


IMAGE 21

- 12) For the "Shingle" outer shell model **only**, install a foam spacer on each supporting column to cover the flat surface. Using a Phillips screwdriver, insert a screw-in anchor through the middle of each foam spacer and into the supporting column.

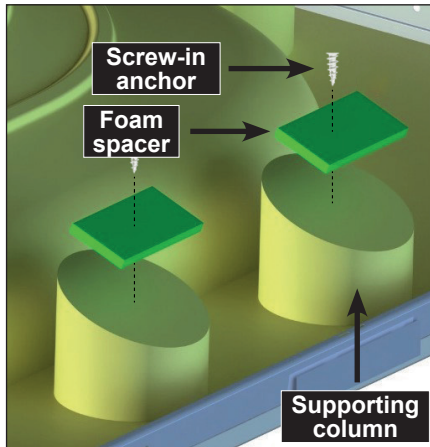


IMAGE 22

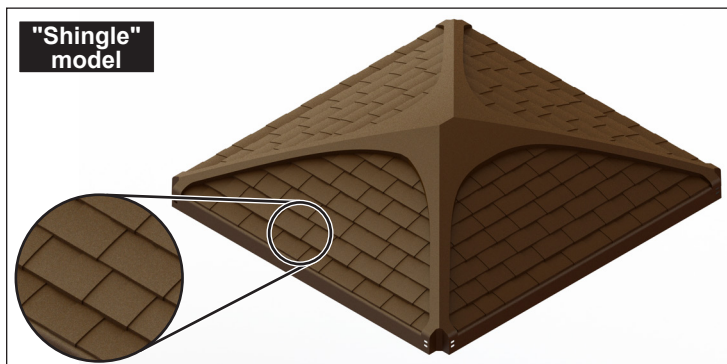


IMAGE 23

CAUTION
Ensure the screw-in anchor is completely inserted in the supporting column.

- 13) Install the outer shell on the new inner shell. Ensure no wires are pinched in between both shells and that the inserts from the inner frame are going through the outer shell slots on all four sides of the cover.

CAUTION
When installing the outer shell, ensure that all the steel frames are inside of it. In addition, check all the metal inserts before continuing.
When handling the cover, two people must support the outer shell with both hands. A wide grip is recommended when handling the outer shell, as all four sides must be lifted equally. Failure to follow these instructions will cause permanent damage to the cover.

- 14) Fasten the corner bracket to the cover (following the A to D pattern as illustrated at right) with four Phillips M6 x 20 mm bolts and 5/16" painted metal washers per post.

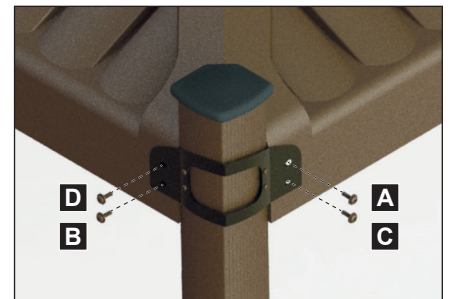


IMAGE 24

- 15) Repeat step 14 for each remaining corner bracket, follow the order of installation (1 to 4) as seen at right.

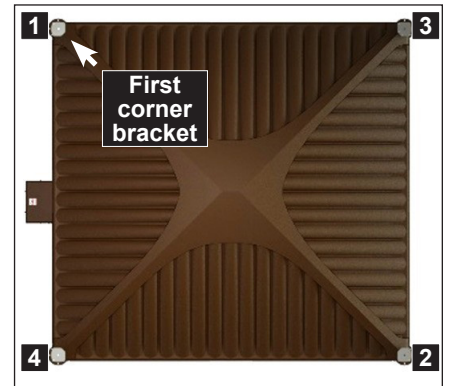


IMAGE 25

- 16) Raise the cover halfway to verify the installation of each bracket by sliding the middle sleeve up and down by hand. Make sure it slides without scratching or interfering with the inner or outer sleeve. If all seems to function properly, lower the cover and check if the sleeves are level using a 36" level on both sides of the sleeves.
17) Follow procedure no. 245088 or refer to the Owner's manual to install the new seal.
18) Put the key back in its key switch socket. Operate the spa cover normally to see if everything is correct. If there is any issue with the cover, please refer to the troubleshooting section of the Owner's manual or call Covana for the Technical Support department.