

### PRODUCT MODELS

- C-EP Cover
- Legend and LegendX Covers

### PURPOSE OF THE REPAIR PROCEDURE

This repair procedure should be performed when the replacement of a stopper is required on a C-EP, Legend or LegendX swim spa cover.

### PREPARATION

- The cover must be closed.
- Gather the required tools, as seen in the table at right.
- 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.

*Version française à la page 4.*

### TOOLS REQUIRED

5/32" Allen key	7/16" socket wrench & spanner
Phillips screwdriver	Phillips or Robertson
Robertson screwdriver	stubby screwdriver

### INCLUDED IN PARTS KIT

	QTY	CODE
Short stopper	2	235404
Wide stopper	1	235403
Long stopper	1	235402
M6-12 mm Phillips button head screw	2	235713
M6-16 mm Phillips button head screw	8	235714

### ⚠ CAUTION

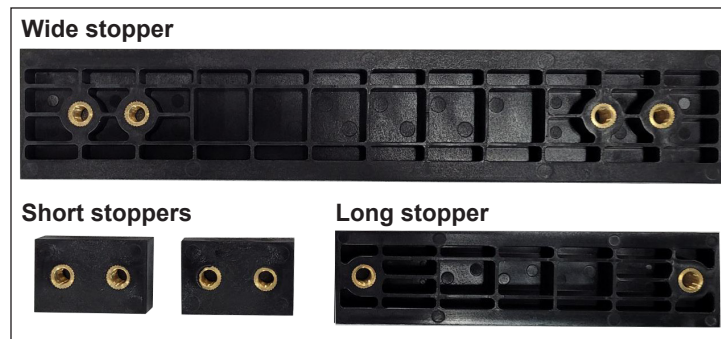
Do not use power tools, some parts are fragile and may break under too much torque.

### ⚠ 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.

### STOPPERS



### STEP BY STEP PROCEDURE

#### A- REMOVING SLEEVE ASSEMBLY

- 1) Use a Robertson screwdriver to remove the top cover by unscrewing both Robertson no. 8 self-drilling screws (see image 1).

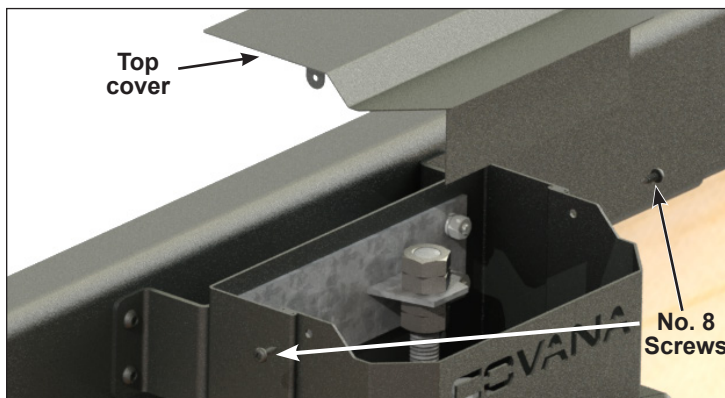


IMAGE 1

- 2) Detach the bottom mount bracket arms from the tub mount brackets. Use a 5/32" Allen key with a 7/16" spanner to unscrew both 1/4-20 hex drive bolts located on the outside. Then, do the same for the top mount bracket (see image 2).

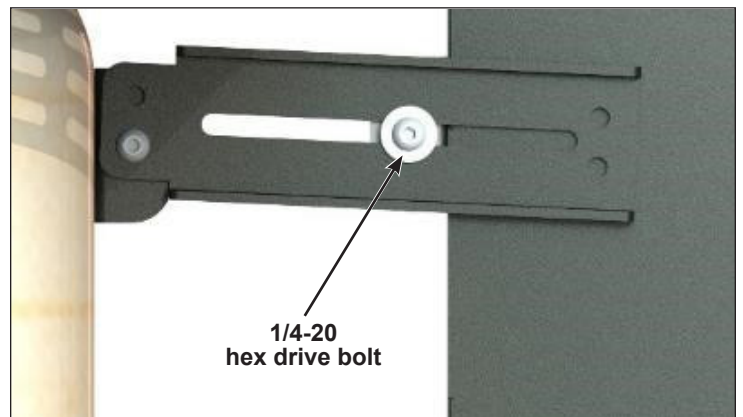


IMAGE 2

- 3) Untighten (**do not remove**) both 1/4-20 hexagonal bolts at the bottom of the sleeve. Use a 7/16" socket wrench or spanner if there is not enough space (see image 3).

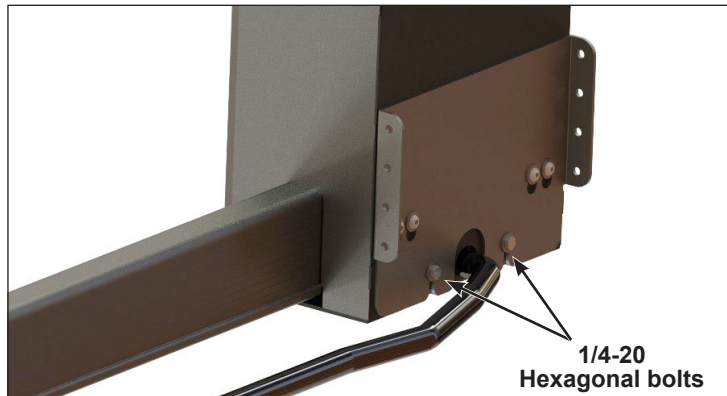


IMAGE 3

- 4) Use a 7/16" socket wrench to unfasten the sleeve from the cover mount bracket by unscrewing the four 1/4-20 x 3/4" carriage bolts (see image 4).

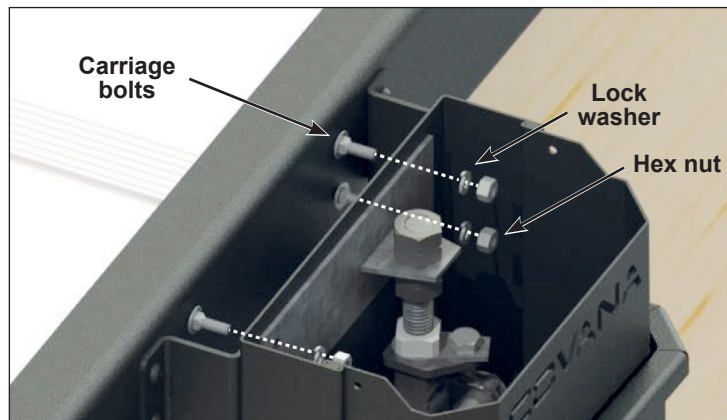


IMAGE 4

- 5) Slide the three (Inner/Middle/Outer) sleeves upward and lay them on a clean flat surface.

**⚠ WARNING**

Slowly and gently pull up the sleeves to prevent injuries.

- 6) Slide the all-weather seal upward and set it aside.

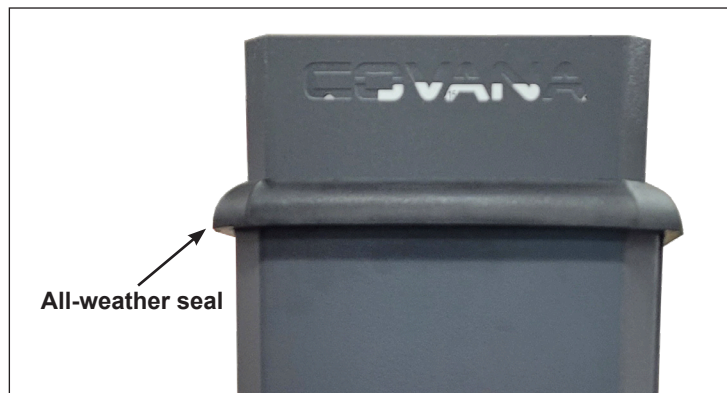


IMAGE 5

**B- REPLACING SHORT STOPPERS ON OUTER SLEEVE**

- 1) Using a Robertson or a Phillips screwdriver, remove the four screws holding the tub mount bracket and the short stoppers in place.



IMAGE 6

- 2) Pull the inner/middle sleeves out to reveal the short stoppers. Remove the defective stoppers and place the new ones in their place. Push the inner/middle sleeves back in making sure the holes in the outer sleeve, tub mount bracket, and stoppers are aligned.

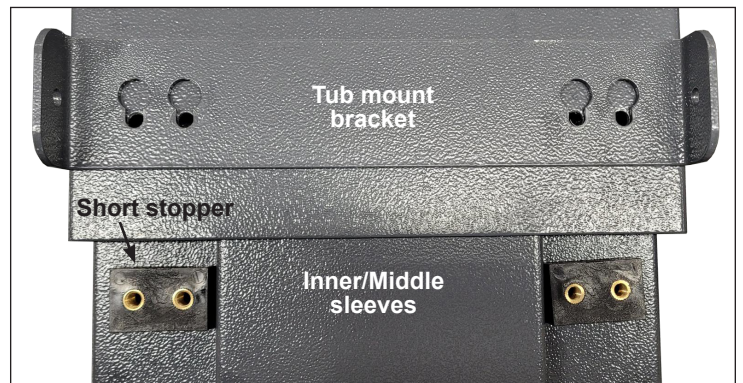


IMAGE 7

- 3) Fasten the tub mount bracket and the stoppers to the outer sleeve with the M6-16 mm screws.

**C- REPLACING WIDE STOPPER ON OUTER SLEEVE**

- 1) Using a Robertson or a Phillips screwdriver, remove the four screws holding the tub mount lower bracket and the wide stopper in place.

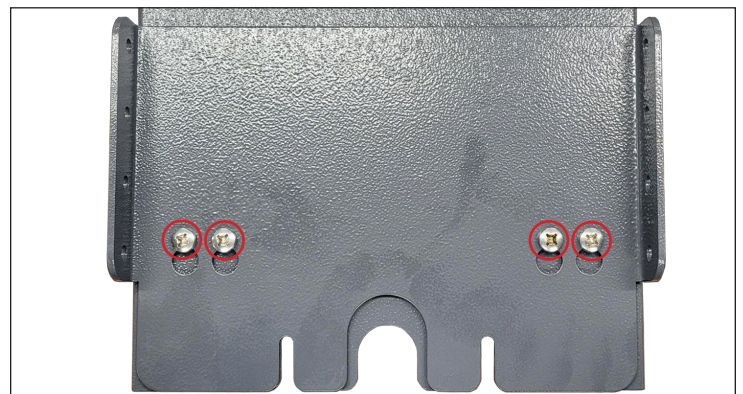


IMAGE 8

- Remove the defective wide stopper and replace with the new one making sure the holes in the outer sleeve, tub mount lower bracket, and stopper are aligned.

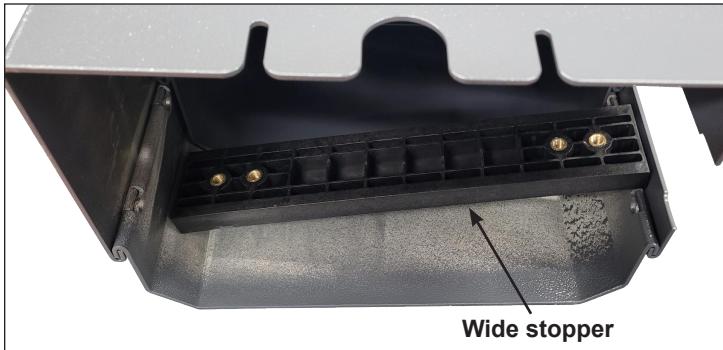


IMAGE 9

- If the long stopper doesn't need to be replaced (step D), fasten the lower tub mount bracket and the stopper to the outer sleeve with the M6-16 mm screws.

#### D- REPLACING LONG STOPPER ON INNER SLEEVE

### NOTE

The wide stopper has to be removed in order to get access to the long stopper (see step C).

- Position the sleeves to see the side with the Covana cut-out logo.
- Using a *stubby* Phillips or Robertson screwdriver, remove both screws holding the long stopper in place.

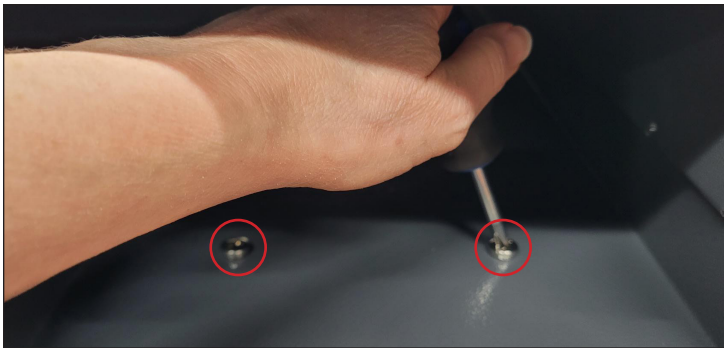


IMAGE 10

- Push the inner sleeve upward to reveal the long stopper. Remove the defective stopper and place the new one in its place. Pull the inner sleeve back down making sure the holes in the inner sleeve and stopper are aligned

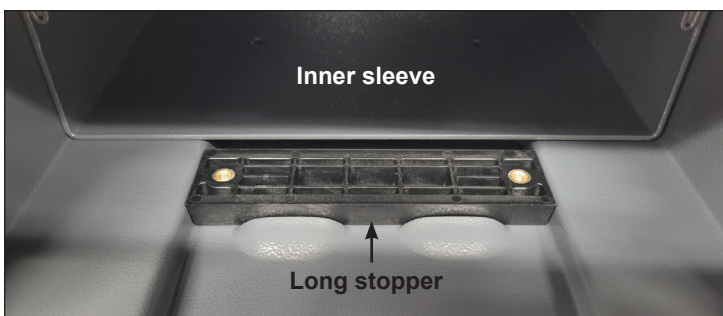


IMAGE 11

- Fasten the long stopper to the inner sleeve with the previously removed screws.
- Fasten the lower tub mount bracket and the wide stopper to the outer sleeve with the M6-12 mm screws.

#### E- REINSTALLING SLEEVE ASSEMBLY

- Reinstall the all-weather seal over the sleeves.
- Slide the three sleeves over the jack and use a 7/16" socket and spanner to fasten them using the 1/4-20 x 3/4" carriage bolts at the top with 1/4" lock washers and 1/4-20 nuts (see image 4).

### WARNING

Slowly bring the sleeves back down to prevent either hand injuries or damaging the unit.

- Retighten the 1/4-20 hexagonal bolts at the bottom of the sleeves. Use a 7/16" socket wrench or spanner if there's not enough space. Ensure that the washer is outside of the outer sleeve. This will ensure the sleeve is held correctly (see image 3).
- Use a 5/32" Allen key and 7/16" spanner to attach the top mount bracket arms to the tub mount brackets using the 1/4-20 hex drive bolt and 1/4" flat washer on the outside. Use a 1/4" lock washer and 1/4-20 nut on the inside. Then, do the same for the bottom mount bracket (see image 2).
- Use the 48" level to make sure the post is still level in both axes. If not, unscrew the mount arms and reposition the sleeve. Use the outer sleeve as a reference (see image 12).



IMAGE 12

- Use both previously removed Robertson no. 8 x 1/2" self-drilling screws to attach the top cover on the post (see image 1).
- 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.