



OCEAN
GUARDIAN

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Shark Shield® Technology

INSTALLATION GUIDE

FREEDOM+ Surf TAIL PAD / ANTENNA

FREEDOM+ Surf TAIL PAD / ANTENNA - SHORTBOARD

WARNING AND SAFETY INFORMATION

Visit ocean-guardian.com/pages/user-manuals to download the latest user manual.
Read all Warnings and Safety Information in the user manual before use.

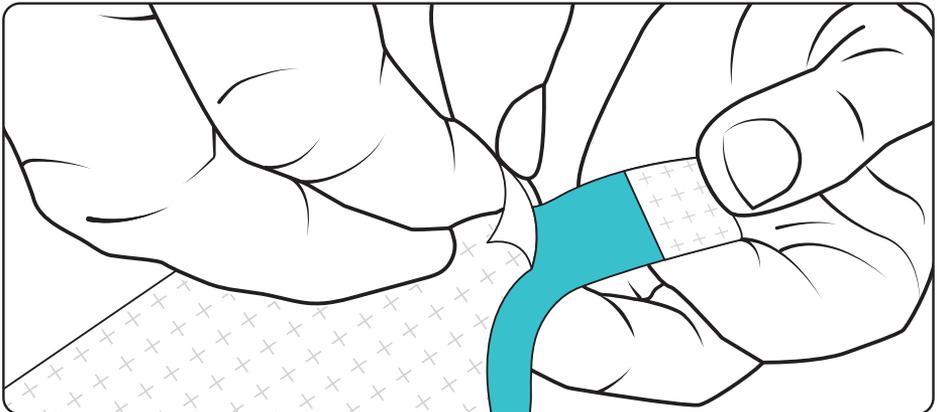
ANTENNA - IMPORTANT INSTALLATION NOTICE

The same as installing a tail pad, be careful that you only peel off the 3M backing tape from the antenna and not the backing tape and the glue. Pull it horizontally. Not vertically.

Take your time to ensure that you only peel the backing tape off.
This may require using your fingernail to get under the edge of the backing tape.

If the backing tape is not coming off cleanly, **stop immediately** and try peeling the backing tape off from another edge, to ensure the backing tape is removed cleanly without damaging the glue.

Note: Apply plenty of pressure to the electrodes and ribbon cable after application to ensure they adhere well to the board.



Visit ocean-guardian.com/pages/how-to-videos to watch videos about how to remove an existing tail pad and how to install the new tail pad and decal antenna.

Nothing is more effective.

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STEP 1

Thoroughly clean the board, the tail pad area, the underside of the board where the antenna is to be positioned, and the rail area where the antenna rolls around. Use a solvent such as acetone (follow safety instructions) to remove all traces of wax, dust, dirt, etc. Remove all traces of the solvent and allow to dry completely before application. Even new surfboards must be cleaned.

Check FAQ's at ocean-guardian.com for epoxy or PVC boards which require special consideration.

STEP 2

Place the stainless steel electrodes (A & C) and antenna (B) in the centre of the underside of the board. Use the stringer to align the centre of the stainless steel electrodes.

STEP 3

Slide the electrodes (A & C) and antenna (B) down the board and ensure the part of the ribbon cable (D) that wraps around the board rail to the tail pad is no more than 25mm (1") in front of the most forward right fin. Now carefully peel the backing tape off the bottom electrode (C) and apply to the board.

STEP 4

Remove the backing tape from the centre ribbon cable (B). Apply using the stringer as a straight line.

STEP 5

Remove the backing tape from the top electrode (A). Apply.

STEP 6

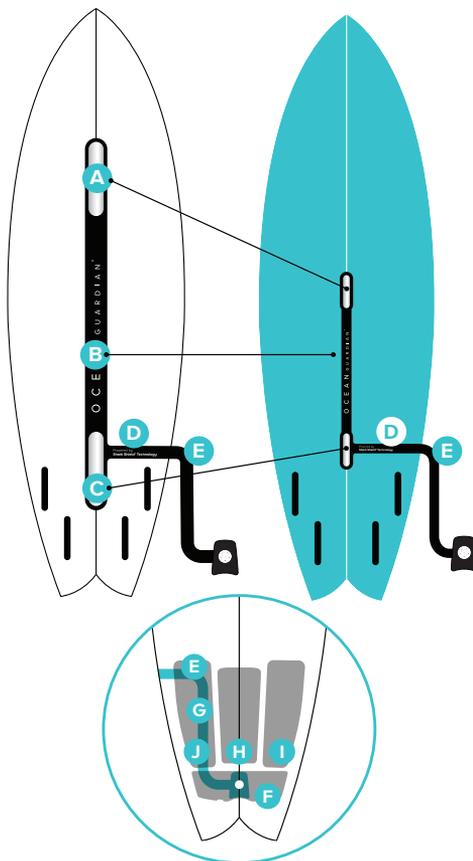
Remove the backing tape from the ribbon cable (D) to roll around the rail. Hold tightly and apply as you roll around the rail ensuring no gaps or folds as you roll around the rail ensuring no gaps or folds as you roll the ribbon around the rail to the top of the board. Remove the backing tape from the elbow section (E) and apply.

STEP 7

With your board rolled over to the top (wax facing up), position the tail pad housing (F) that holds the transferable Power Module slightly forward of your leg rope attachment. Ensure it is centred and that you do not have a twist in the ribbon cable. Remove the Foam Kicker Support before installing to enable the deck housing to bend to the curve in the boards tail area. Now remove the backing tape from the deck housing (F) and apply.

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Important note: Please insert the supplied foam Tail Pad Kicker Support when the FREEDOM+ Surf Power Module is not fitted to the kicker.

STEP 8

Now remove the remaining adhesive from the section of the ribbon cable marked (G) and fold any excess of the ribbon cable so that it fits flat and neatly under the tail pad. Folding does not damage the cable.

STEP 9

Remove the backing tape from the centre tail pad (H) and apply carefully, starting at the top of the deck housing aligning with the centre of the deck housing, rolling forward slowly pressing down and ensuring it is centred. Then apply both sides of the tail pad (I & J).

Allow 24 hours for maximum bond of all tail pad antenna components before use - strongly recommended.