

Version 202402



shade sail install guide.

Wire Edge



- Do not leave the box in direct hot sun or exposed to other heat. The contents are heat sensitive.

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- Do not leave the Shade Sail/s folded or rolled up in the direct hot sun. (once it is installed and stretched our flat, it is fine.)
- If the folded Shade Sail is left in the hot sun (or exposed to other heat) the mesh could shrink or distort. Keep it cool until unpacked for install.

what's in the box.

 <p>shade sail</p>	 <p>sail plan</p>	 <p>fixing hardware</p>	 <p>wire rope grips</p>
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**Images are not to scale and fixing hardware is indicative only.*

tools you need.

 <p>cord/rope(5-10m)</p>	 <p>nulan grease</p>	 <p>crescent wrench</p>	 <p>load lock</p>
 <p>ladder</p>			

**Images are not to scale*

ppe. (personal protection equipment)

 <p>harness</p>	 <p>hi-vis vest</p>	 <p>hard hat</p>	 <p>safety boots</p>
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**Images are not to scale*

shade sail layout.

Unpack your Shade Sail, being careful when unrolling the sail, to lay it out on a smooth flat surface so that the fabric does not snag. Make sure that the hem is on the underside.

The sail should have the corners labeled or numbered to indicate which pole each corner is fixing to. Using these indicators, arrange your sail so that it is the same orientation to match your fixing points.

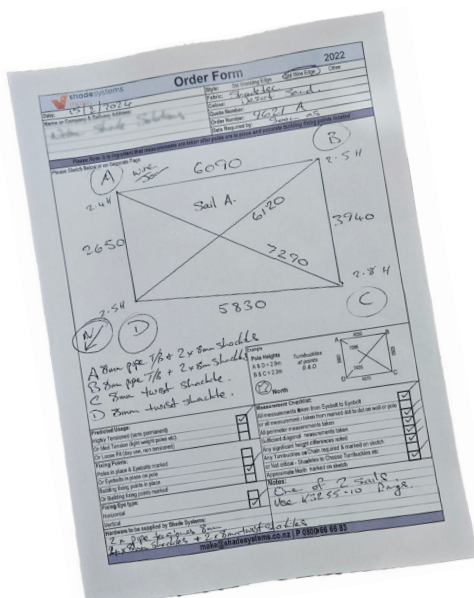
Locate the corner where the wire rope exits. Loosen or remove the wire grips, allowing the wire cable to move freely inside the sail hem.



fixing hardware.

Included in the box should also be a plan or a copy of your order form which indicates what fixing hardware is to go on each corner.

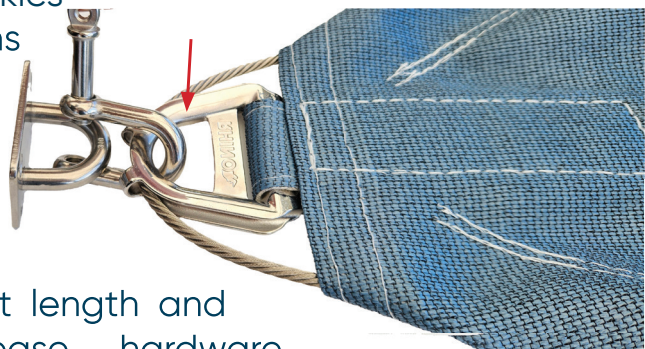
If you were being supplied the fixing hardware with your sail, this will also be found packaged in the box.



attaching the corners.

The first corners should be able to be attached without the aid of a ratchet. You will then need to attach the last turnbuckle corner with mechanical help.

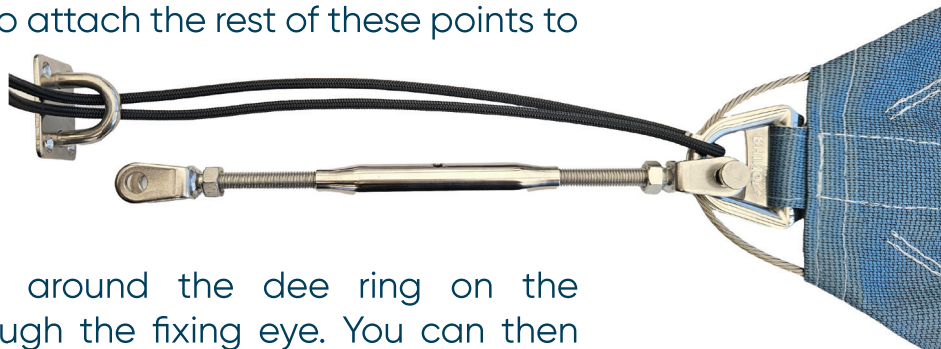
1. Start with the corners which do not require a tensioner, fixing these to the eyes. If using shackles make sure to install these with the pins going in from the top as shown.



2. Extend all turnbuckles to their longest length and grease the threads well. Always grease hardware threads to prevent them from cross-threading when tensioning.



3. Attach one end of the turnbuckle to a corner dee of the sail. At this point you will need to use a strong piece of braided cord or rope to attach the rest of these points to the fixing eyes.



4. Loop the cord/rope around the dee ring on the Shade Sail, then through the fixing eye. You can then tension the rope by hand or use a tensioning device (load ratchet, winch etc). This will allow you to pull the sail close enough to connect the turnbuckle to the eye.



5. Once the corner has been connected put the pin in and secure it with the safety ring. The temporary rope can now be released and removed, then tighten the turnbuckle (approx. halfway).

Repeat the steps until all Shade Sail corners, bar one, are attached.

tensioning the shade sail.

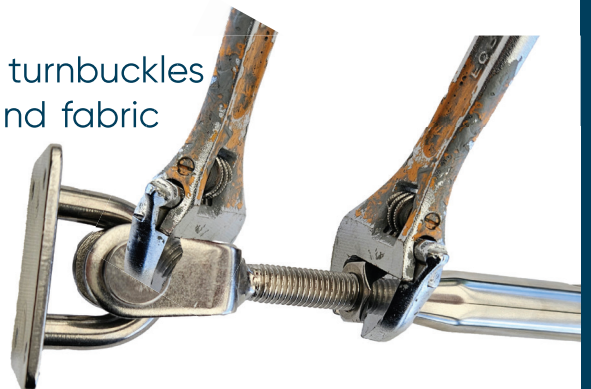
Now that all corners, bar one, of the Shade Sail are attached, the rope grips need setting in place and turnbuckles need to be tightened to keep your Shade Sail taut.

1. For the last corner, follow step 4, but stop when the turnbuckle is 100mm from the fixing eye. Now fully tighten the lock nuts on the wire rope grips to lock the wire in place.



2. Once the wire is secured, you can tension the rope pulling the turnbuckle the rest of the way so you can connect it to the fixing eye. Make sure to secure the pin with the safety ring.

3. Using adjustable crescents, tighten the turnbuckles (approx. halfway) until both the wire and fabric become snug.



4. Lastly, use 2 crescent wrenches, one to hold the turnbuckle end and the other wrench to tighten the lock-nuts up against the turnbuckle body. This will lock the turnbuckle to prevent it unwinding overtime.

Repeat steps 3 & 4 for all turnbuckles.

Tip for Perfect Tension:

The key to a good fit is the relationship between wire tension and fabric tension. If the perimeter wire is too tight, the sail will sag in the middle. If the perimeter wire is too loose, the edges will be limp and too much pressure will be applied to the fabric. Remember, there is only 2% stretch in the wire, but approx. 5% stretch in the fabric.

aftercare
for your
wire edge
Shade Sail.



removing your shade.

To remove your shade for storage during the winter months or in advance of bad weather, just reverse the order of the installation. Make sure to fit each corner with the tensioned rope before removing the hardware. This will hold the corner secure and allow you to slowly release and lower the corner.

Once you have the Shade Sail down, make sure to add a mark to each corner so you can easily layout the sail for re-installation. (E.g. deck post, north corner.)

Make sure your sail is dry before folding it up, and store in a dry, sheltered place. Remember to grease the hardware again prior to re-installation.



cleaning instructions.

To clean your Shade Sail, you can do this in-situ or remove the shade. If removing the shade, make sure to lay it out flat on a non-abrasive surface and keep all fixing hardware separate. A water blaster or cold water pressure washer should remove most the dirt but if it hasn't been cleaned for a while, a mild mould remover. Do not use products such as wet and forget solution which contains Benzalkonium Chloride as this does not suit Shade Sails.



tightening your shade.

Occasionally a Shade Sail may become loose or wrinkly if the sail has loosened off overtime. If you notice this on your Sail, you can tension the turnbuckles tighter, to pull the sail out tight again. If you don't have enough room on the turnbuckles, you may need to reset the wire. You will need to tighten each turnbuckle on the sail, by the same amount.



workmanship warranty.

Custom Made Shade Sails (Supply Only) 18.05.22

Shade Systems NZ Ltd ("The Supplier") warrants the integrity of the workmanship of your shade sail ("the product") and will remedy any defects arising from workmanship or materials used in the manufacture of the product on the basis of the conditions set out in the conditions of warranty below.

- 1.** This workmanship warranty is effective as per the warranty specified for the particular fabric used in the manufacture of the completed shade product. See separate fabric warranty.
- 2.** This warranty is void if the product has been subject to mistreatment, alteration or vandalism, if the product has been used for a purpose other than it has been designed for, or the product has been damaged by extreme weather conditions or an act of God. Any damage caused by improper installation (including, but not limited to poor design, engineering, permitting, support construction, faulty materials, over or under tensioning the shade sail etc) is specifically excluded from any warranty claim.
- 3.** This warranty is void if the product has not been properly cared for or maintained. See care instructions for the specific fabric used in the product.
- 4.** This warranty does not cover colour fading due to exposure to ultra-violet rays, damage to the shade sail due to exposure to chemicals or placement near open flame.
- 5.** Please note that with many shade products, joins or seams are necessary due to available fabric widths. There can also be slight colour variations through the fabric rolls due to the knitting or coating process. Our manufacturers

are trained to minimise seams and avoid major colour variations; however some seams and colour variations are inevitable and will be visible. This is quite normal, should be expected and is not covered by this warranty.

6. The warranty excludes alterations or repairs if incorrect measurements were supplied to Shade Systems NZ Ltd

7. We do take extra care to package all shade products, however the warranty does not cover any product damage during transit with a freight company. This is the freight companies responsibility should any damage occur, please check the product upon arrival.

8. Once installed correctly, it is the Customers responsibility to check the tension of the shade sail or organise for it to be checked by a professional. It is normal for a shade sail to require re-tensioning annually. This warranty does not cover any gradual sagging.

9. The Supplier's maximum liability to you under this warranty is limited to an amount not exceeding the invoiced value of the work. Some fabric manufacturers warranties have a reducing pro rata warranty and that will apply to the workmanship. The Supplier shall not be liable to you for any indirect or consequential loss or damage of any kind out of any warranty claim.

10. If you discover a defect in the shade sail during the warranty period and wish to obtain a replacement or repair, please contact the Installer and provide photographic evidence of the defect within 90 days along with a written description of the claimed defect. Shade Systems shall determine if the warranty applies, and shall then, at their discretion, either repair or replace the product.



we believe shade
has the power to
activate better,
healthier space
for living.

available from:

Manufactured by: www.shadesystems.co.nz/wholesale/

