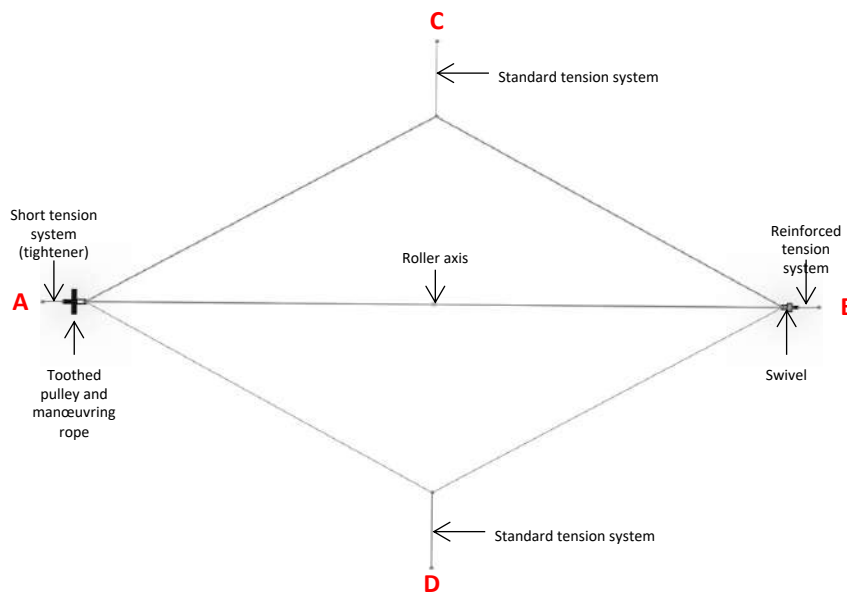


SHADE SAIL PLACEMENT

1. Place the shade sail on a flat surface in the position you would like to obtain after mounting it.
2. Identify the roller axes to determine the A and B attachment points and ensure you have a tension of 35cm minimum on the side of the cleat pulley and 45cm on the side of the swivel. For the other angles, a minimum of 45cm or more is necessary depending on the size of the sail and/or personalized proposal.
3. It is preferable to place the cleat pulley and manoeuvring rope on the side of the wall and/or according to the choice made during the personalized proposal.
4. Ensure the anchor points (mast, piton, u-shaped holding fixture) are solid enough to bear the shade sail tension on the roller axis.
5. Determine the attachment point or points that will retract (C and D for a quadrilateral sail and C for a triangular sail) during the rolling and check that they can be installed **while respecting the tension axis**.
6. Identify the diagonal with a rope (for a quadrilateral sail) or the median (for a triangular sail) by passing through the C and D angles (or C for a triangle) then reserve the necessary tension distance to identify and place the anchor points (mast, piton, u-shaped holding fixture).

Reminder: For a triangle shade sail, the tension axis is the triangle's median. For a sail with four corners, it is the diagonal.



INSTALLING THE ROPE IN THE PULLEY

- Pull on the red string while pressing on the check ball kit to remove the black stopper. (Cf Figure 1).
- Turn the pulley so the pulley notch coincides with the crankcase then make a loop with the rope and pass it in the notch (you can also use a screwdriver), then make it bigger. (Cf Figure 2)
- Then, turn the pulley with a piece stuck in the notch until it is fully slipped into the roller. (Cf Figure 3 et 4)
- Then, extend the rope and put it into the wedge. (Cf Figure 5)



Figure 1

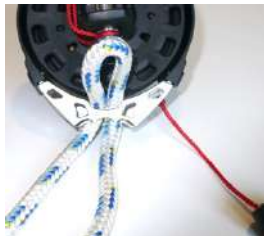


Figure 2



Figure 3



Figure 4



Figure 5



You can use the tutorial video for the roller shade sail.

Feel free to share your installation photos on Instagram and Facebook with #espaceombrage @espaceombrage or by sending them directly to our email address: contact@espace-ombrage.com

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INSTALLING THE PULLEY AND THE SWIVEL ON THE SAIL



- Start by removing the triangle to insert the sail into it later.
- To do this, press on the tip of the triangle while pulling on the red string as pictured.



- Then, insert the sail loop then close it: you will hear a clip.

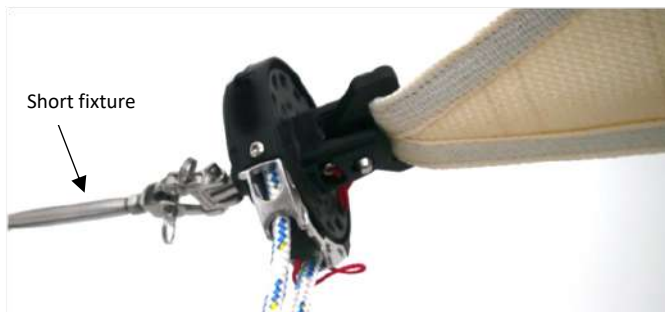


- Repeat the previous steps on the swivel.
- Remove the rod by pulling on the string and simultaneously pressing on it.



- Then insert the hoop from the sail strap in the manillon and close it: you will hear a clip.

INSTALLING THE TOOTHED PULLEY INTO THE ATTACHMENT POINT

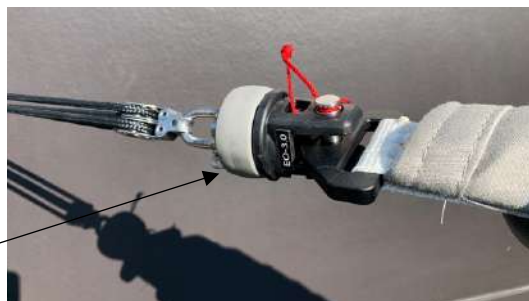


- If your layout allows it, install the toothed pulley into position A.
- The turnbuckle is installed between the attachment point and the toothed pulley (turnbuckle in "open" position).
- Make sure you adjust the cage so the rope is placed vertically and directed downwards.
- The placement should be similar to the one pictured, the toothed pulley placed between the sail and the tension system.

INSTALLING THE SWIVEL ON THE ATTACHMENT POINT

- The swivel is positioned on the other side of the toothed pulley on the rolling axis.
- Between the attachment point (wall or mast) and swivel, install the reinforced tension system.

Swivel



You can use the tutorial video for the roller shade sail.



ROLLER TENSION AXIS

- After the previous steps, ensure the roller axis is tense meaning it is straight.
- Start by adjusting the tension with the tension system with the pulley and rope on the swivel side. Then, adjust the sail with the help of the turnbuckle on the side of the pulley.

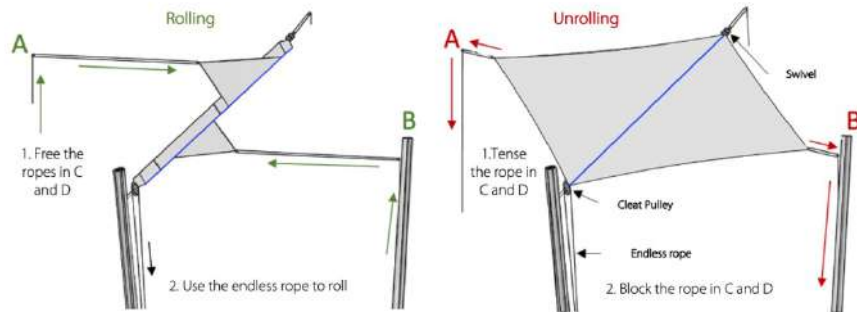
INSTALLING THE RETRACTABLE ANGLE(S) TENSION SYSTEM(S)

- Then, attach the tension system(s) at point C (triangle sail) or C and D (if your sail has four sides). These are the retractable sides during rolling and unrolling.
- Make sure to follow the instructions for the standard tension system(s) while using the 20ml ropes.
NB: At the end of the installation, you will have one or two 5 ml ropes leftover.
- Be careful with the attachment point(s) : it/they must be at least 45cm from the side of the sail to maintain a sufficient tension margin. This/these must be placed in **alignment with the sail tensions axes**.
- Adjust the sail tension until it is tight. Then, block the rope in the pulley cleat.

ROLLING AND UNROLLING PRINCIPALS

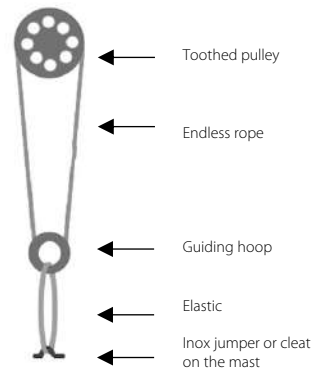
- At this step, after tightening the sail according to the roller axis, you can test the rolling/unrolling.

Tip: to obtain a nice sail rolling, you must "brake" the sail rolling with the C and/or D ropes.



FIXING THE ENDLESS ROPE

- Put the elastic on the cleat delivered with an elastic by creating a knot after passing it through the cleat hole.
- Place the guiding hoop on the "endless rope" (Cf. sketch).
- Pass the elastic through the hoop and make a loop with it between the hoop and jumper that should be fixed in line with the pulley or between the hoop and mast cleat if the toothed pulley installation is on a mast. The endless rope must be tightened with the tension from the elastic.
- Block the elastic in the clip cleat to finish the loop.



BLOCKING THE SAIL



- You will also find one or two "Ball Bungee Cords" in your package. They maintain the sail rolled up and avoid it unrolling during strong winds.
- Covers for rolling axes are available on order to protect your sail when rolled up on its axis. You will need the rolling axis and the area's dimension.

You can use the tutorial video for the roller shade sail.



LIST OF MATERIAL DELIVERED WITH A ROLLER SHADE SAIL

In 1 bag:

- An endless rope
- A toothed pulley
- A swivel



In 1 bag:

- An elastic + blocker
- A sliding hoop
- An inox jumper
- 2 jumper screws (45 x 4.5)



Also delivered:

- 2 ball bungee cords
- 20 ml rope (1 for triangular sails, 2 for quadrilateral sails)
- Set of 3 M8 carabiners
- Set of 3 M6 carabiners
- 1 sail: Depending on the ordered quality and shape.



Be careful: The tension systems are not part of the roller shade sail. They are essential and should be ordered separately. For the proper functioning of the roller shade sail, we recommend:

- 1 short fixing system (turnbuckle)
- 1 long reinforced fixing system (rope + 2 double pulleys)
- 1 or 2 standard long fixing system(s) for triangular sails and 2 for quadrilateral sails (rope + 2 simple pulleys)



You can use the tutorial video for the roller shade sail.

