



2024

SIROCCO EXTREME



Installation guide

Measuring the wheelchair

Jaw selection:

Refer to CLASSIFICATION OF WHEELCHAIR FOR CLAMP JAWS to select the jaw model required.

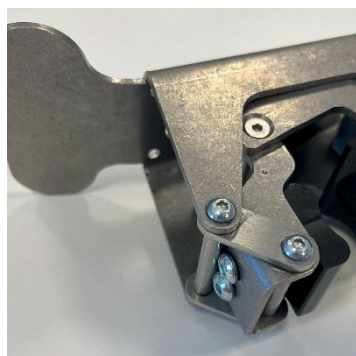
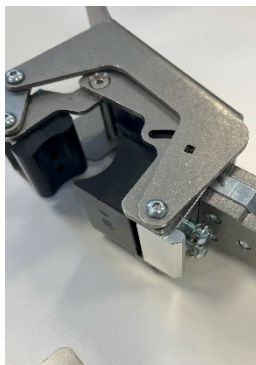
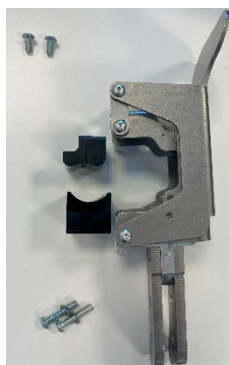
If your wheelchair is not shown on the document, use a caliper to measure the Ø of the stem tube. In the example below, for a value of 29.44 mm, select the lower jaw model, i.e. 28.4mm.-



Installation of jaws in clamps.

Fitt the jaws in the clamps :

- The larger jaw is fitted to the front of the clamp with 2 x M5 * 25 mm screws and 2 M5 overlap washers
- The smaller jaw with the indentation is fitted to the rear of the clamp with 2xM5x12mm screws.



Hexagonal rod length selection

Present the SIROCCO in front of the wheelchair to define the approximate location where the SIROCCO clamps will be attached.



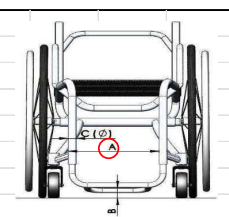
At the approximate height where the clamps will be attached to the wheelchair, measure the distance between the two front tubes using a measure tape. Place the measure tape at the center of each tube to measure the center-to-center distance : here 315 mm.

Refer to the ROD SELECTION CHART document to select the correct stem length for the distance between stem tubes.



315

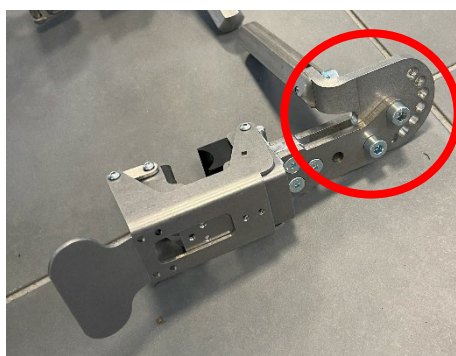
WHEELCHAIR WIDTH (A)	ROD LENGTH
UNDER 240 MM	CUSTOMIZED
240-300 MM	100 MM
300-360 MM	130 MM
360-420 MM	160 MM
420-480 MM	190 MM
480-540 MM	220 MM
OVER 540MM	CUSTOMIZED



In this case, select 130mm rods.

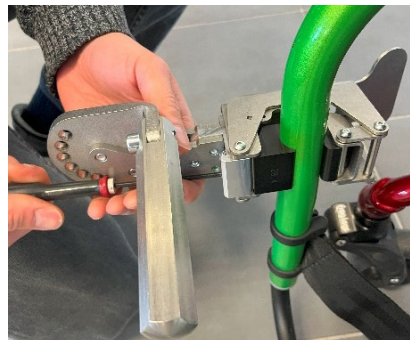
Install snail brackets and hexagonal rods:

- Insert the snail bracket as shown in the photo.
- Secure joints with 2 M8*20 screws (provided)
- Attach the hexagonal rods you've selected to the bracket as shown in the photo. Use 1 M8*20 screws (provided).

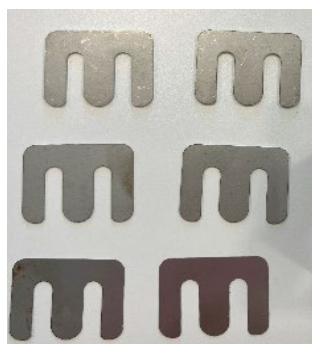


Adjust the clamps on the wheelchair tubes

Close the clamps on the wheelchair tubes.



If it's too soft, loosen slightly the 2 screws holding the front jaw and insert the stainless-steel thickness plates below :along with every Sirocco, you will receive 6 thickness plates :



2 strong : +1mm

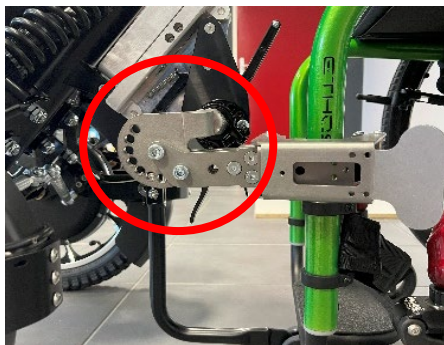
2 medium : +0.5mm

2 light : +0.2mm

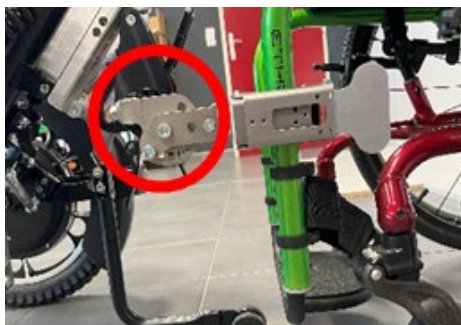


ASSEMBLY ADVICE

By default, when installing a SIROCCO 2.0 or 3.0, position the joint as shown in the photo below.



By default, when installing a SIROCCO VOYAGEUR or EXTREME, position the joint as shown in the photo below.



Adjusting the SIROCCO on the chair

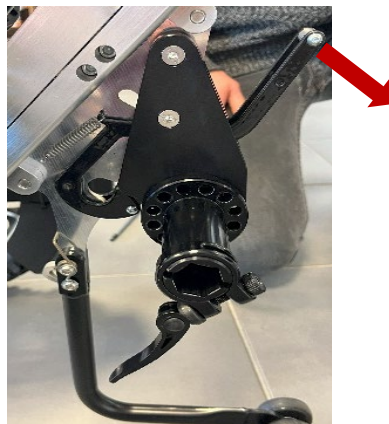
1. Prepare the lifting system

Remove the hexagon tubes screws (2 M8*20 screws) on each side Photo 1

Unlock the lifting system by pulling back the central unlocking lever. Photo 2

Move the dark flanges of the lifting system backwards. Photo 3

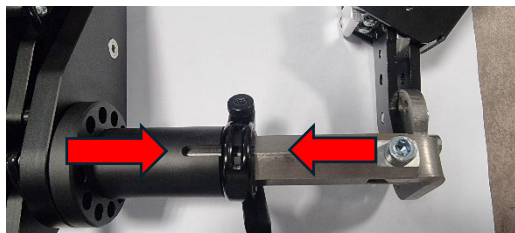
ASSEMBLY ADVICE



By default, when installing a SIROCCO 2.0 or 3.0, position the moving part of the carriage at the front stop of the lifting system.

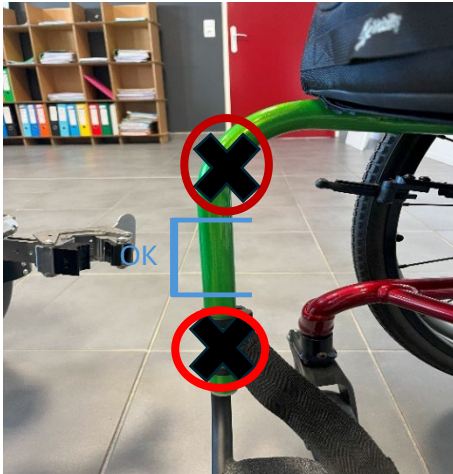
By default, when installing a SIROCCO VOYAGEUR or EXTREME, unfold the mobile part at the rear of the lifting system.

Insert the hexagonal rods into the tubes, make sure the hex screw head aligns with the opening on the tube (photo 1).



Position the clamps on the wheelchair

Approach the wheelchair and check that the clamps are correctly positioned on the tubes, avoiding curved areas.



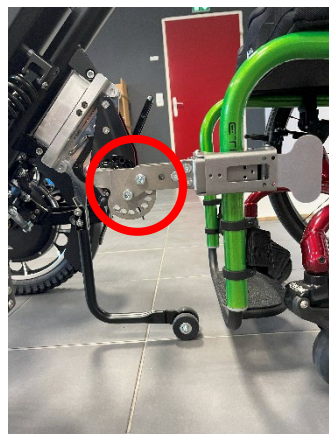
In red, the area to avoid,

In blue, the possible clamp attachment area

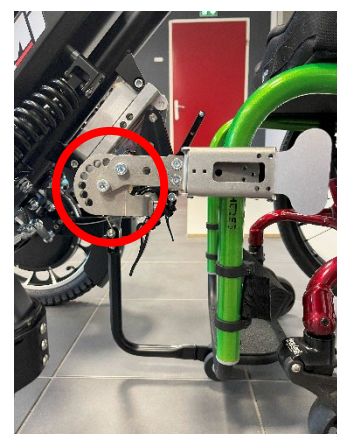
If necessary, adjust the height of the clamps by modifying the clamp snail bracket adjustment. Here are some possible clamp settings depending on user morphology or wheelchair architecture:



Low position



Long intermediate position



High position



Short intermediate position

Make the Sirocco closer / farther from the wheelchair

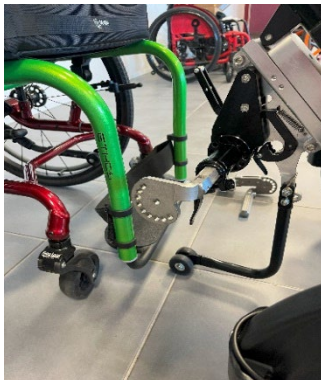
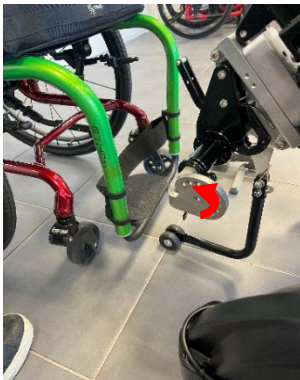
Reverse left/right clamps to raise or lower clamp mounting height

You can further optimize the adjustment by turning the snail bracket to move the SIROCCO closer to or further away from the wheelchair.

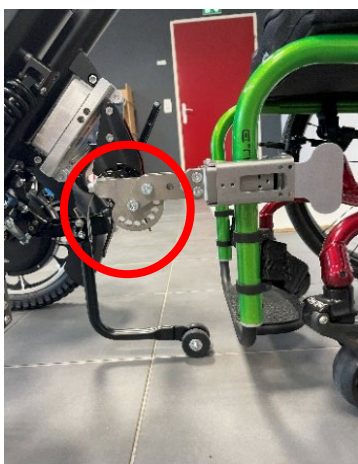
Remove the clamp from the snail bracket



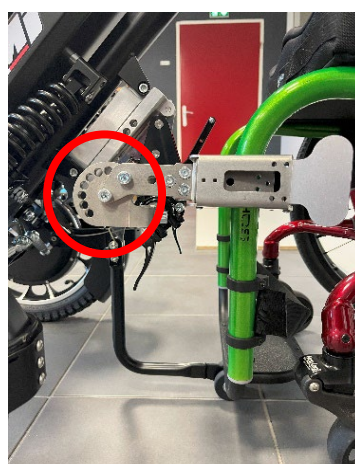
Rotate the bracket to suit your needs



 *Hint: Depending on the desired distance between the chair and the SIROCCO, turn the bracket as required and use the appropriate hole combination.*



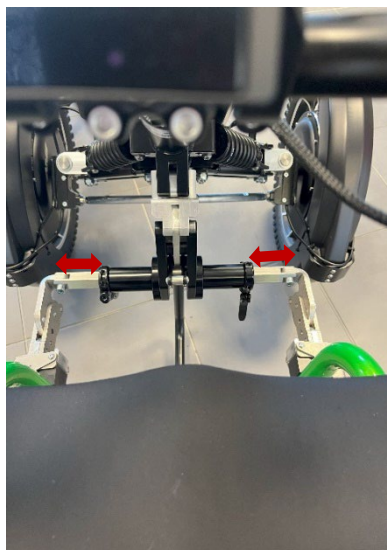
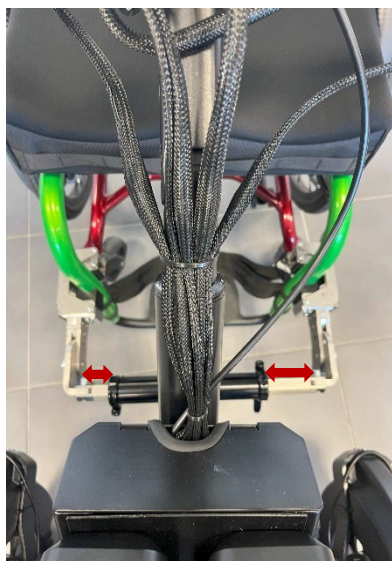
Adjustment for large distance
between wheelchair and SIROCCO,
fully unfold joint



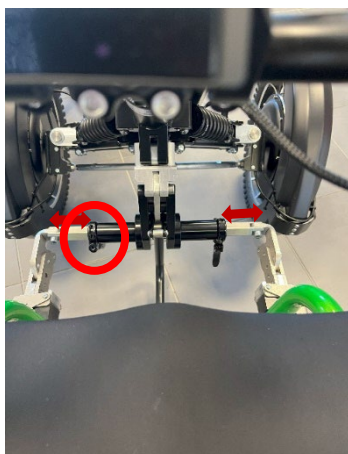
Adjustment for shorter distance
between chair and SIROCCO

Center the attachment on the wheelchair

Move the Sirocco on the appropriate side to center the attachment with regard to the wheelchair



Tighten the collars after having centered the assembly.

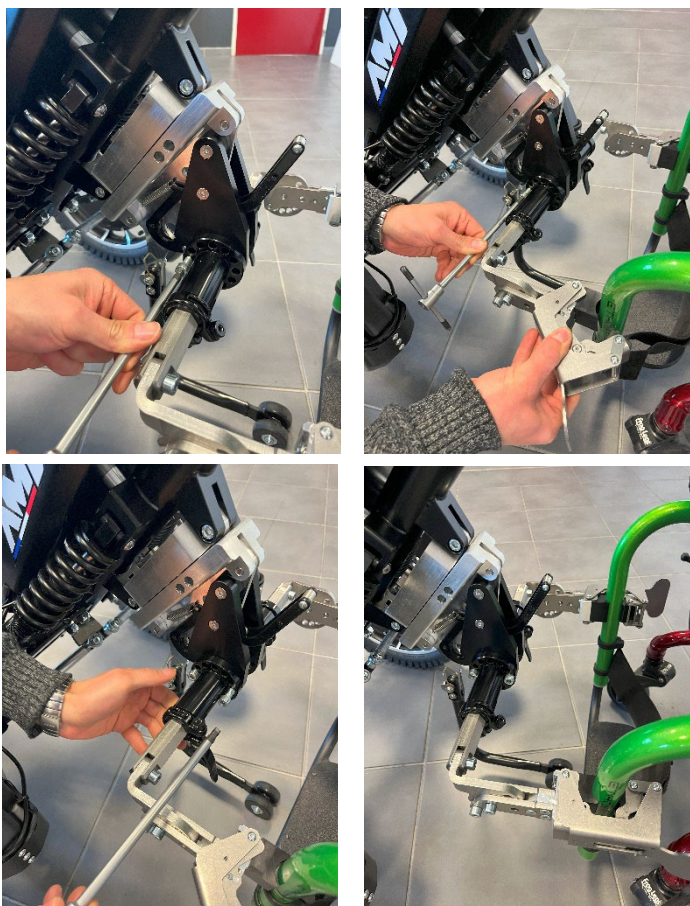


Set-up the lifting system

Move the dark flanges of the lifting system backwards, to the maximum stop, keeping the clamps attached to the wheelchair.

Looking through the holes in the hexagon tubes, you'll notice that one of the 12 holes is about centered with a thread in the dark flanges.

Using an M8*20mm screw, mark the holes corresponding to the alignment of the assembly (photo1 and 2) and screw in the M8*20mm screw (photo2). Screw the second M8*20mm screw opposite the first (photo3). Position the screws on the other side of the carriage in the same holes as those used on the first side.



💡 *Tip: To make tightening the screw easier, do as in the top right image, loosen the clamp to give clearance to find the hole corresponding to the screw pitch more easily.*

Finalization

1. Tighten all screws securely.
2. Check that the clamps on the cart tubes are in place and tight.
3. Turn the screws connecting the snails to the hexagonal rods outwards to facilitate tightening.



Final checks



1. Lock the lifting system in upright position.
2. Check that the SIROCCO is centered and securely fastened to the wheelchair.
3. Test movements and adjust if necessary.

 **Congratulations, installation is complete!** You can now use your SIROCCO in complete safety.