



Advisories

Must be installed by a licensed professional.
 Do not use on patients with nerve issues.
 Overtightening could compromise circulation.
 Lace will wear:

- Routinely check for wear or damage.
- Look for broken black fibers around areas of high wear.
- Replace lace if a significant amount of black fibers are broken.
- Proactively replace lace every 6 months.
- Keep lace away from open flame and sharp edges.

Weight limit: 100 kg *per* Click® Reel

See advisories in other languages: clickmedical.co/advisories



WARRANTY

U.S. Customers:

Contact www.clickmedical.co/terms/#warranty
Help@ClickMedical.co

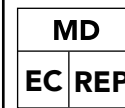
Tel: +1 970 670 7012

International Customers:

Please contact your local distributor.

U.S. PATENT: #8443501

ADDITIONAL PATENTS PENDING

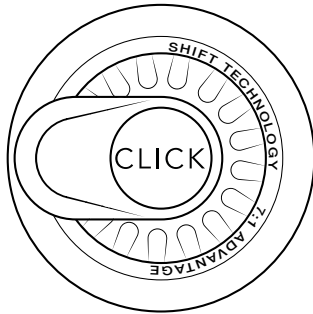


MDSS GmbH
 Schiffgraben 41
 30175 Hannover,
 Germany

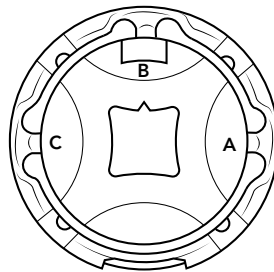


Click Medical, LLC
 1205 Hilltop Parkway, W101
 Steamboat Springs, CO,
 80487, USA +1-970-670-7012

RevoSurface® Kit Contents:



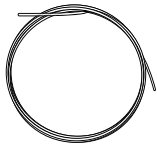
Click® Reel



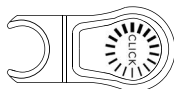
Surface Collar



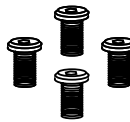
Surface Shim



2.0 m
Indicator Lace



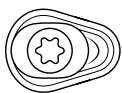
Releasing Tab
x 5



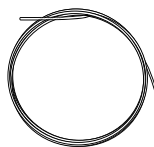
Phillips Head
Screws x 4



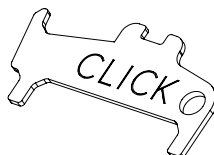
Torx Head
Screws x 4



Surface Guide +
Attachment Screw x 10



Lace Feeder



Reel Tool



Lock Pin

Fabrication Overview:

1. Determine adjustable design or closure type: Strap or Lacer.
2. Determine location of reel and areas of adjustment/closure.
3. Draw areas of adjustment/closure and location of reel onto device.
4. Mount collar to device.
5. Mount guides to device.
6. Lace device and connect to reel.
7. Install Click® Reel.
8. Optimize fit.

For material suggestions and guidelines, please refer to the **Material Data Sheet:** clickmedical.co/mds

Pick a Design:

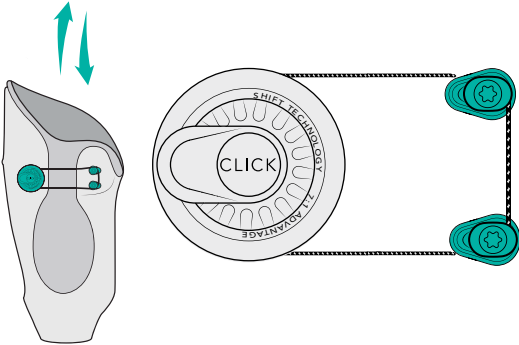
Additional Designs: To learn more about designing adjustable RevoSurface® devices, enroll in [Click Academy](#).

Strap

There are 3 strap configurations to choose from:

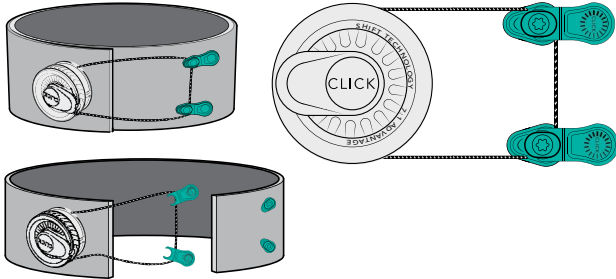
1 Simple Straps

For volume adjustments and simple donn/doff.



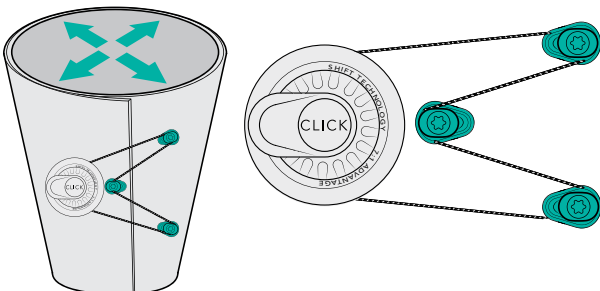
2 Releasing Straps

For fully opening.



3 Dynamic Straps

For fitting conical shapes or closing a larger device.



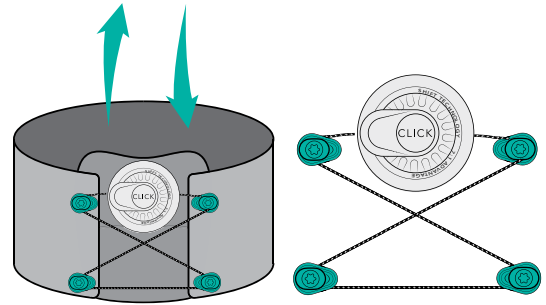
Dynamic strap can also be made with releasing guides to fully open.

Lacer

There are 2 lacer configurations to choose from:

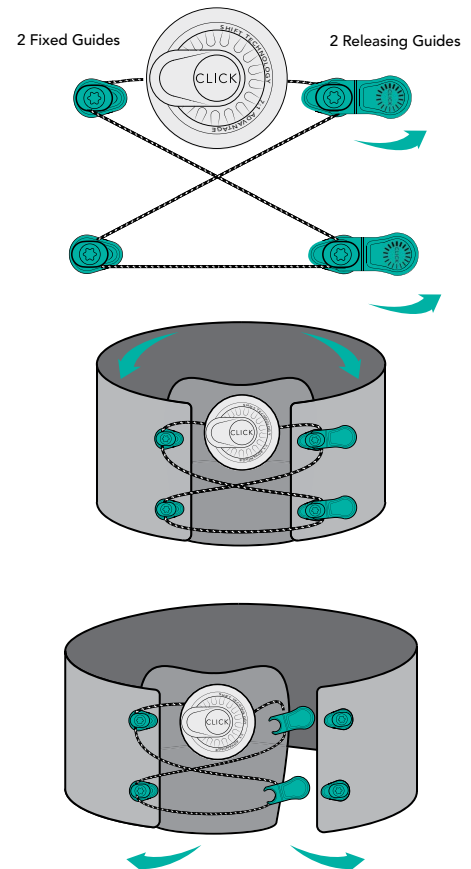
1 Fixed Lacer

For easily slipping on/off the body.



2 Releasing Lacer

For fully opening a device.

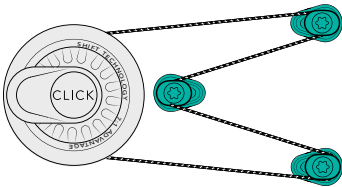


Planning the Configuration:

- 1 For all designs, first determine the trim lines of the device and sketch on device.
- 2 Next, determine where you want to place the Click® Reel:
 - a. Make sure it is in line with your likely lace path.
 - b. Ensure that the reel will be easily accessible by the patient.
 - c. Place the Click® Reel so it will not protrude and catch on clothing or edges.
- 3 Plan the lacing configuration:
 - a. Determine likely lace guide placements and mark their location on the device.
 - b. Optimize the lace angles.
 - c. Pair guides where possible to span larger areas.

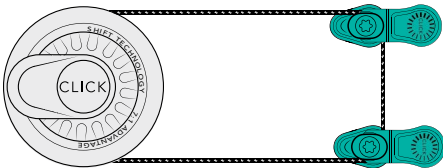
For the Dynamic Strap:

Place the middle guide close to the reel to create optimal lace angles.

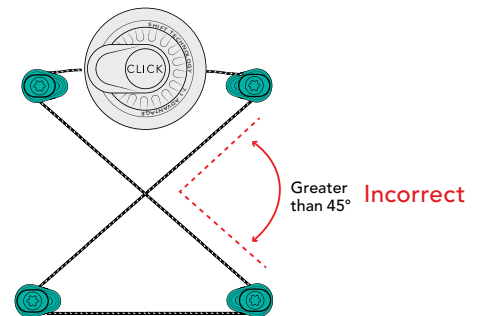
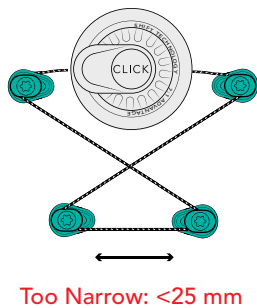
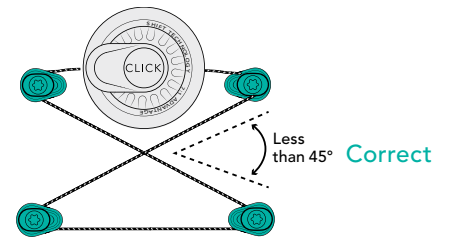
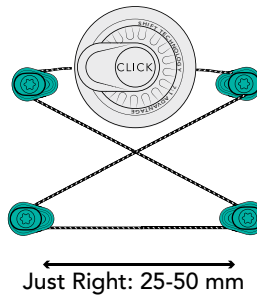


For the Simple Strap:

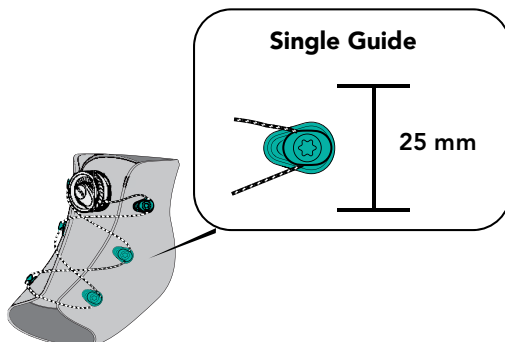
Parallel laces are best.



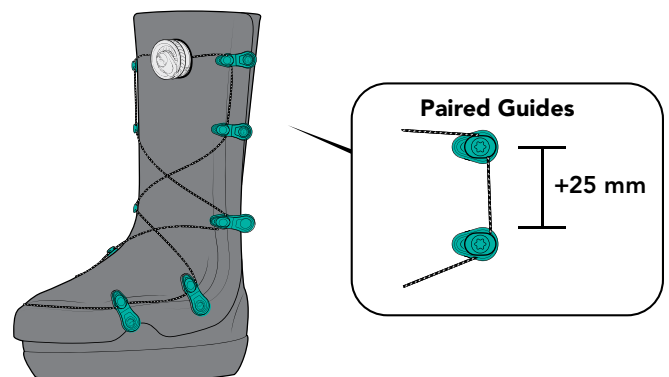
Place guides such that the lace angles are as minimal as possible to create optimum closure force.



Single guides create closure over a smaller area.



Paired guides span larger distances.



! Plan your configuration well before starting to mount components!
It will save you time later.

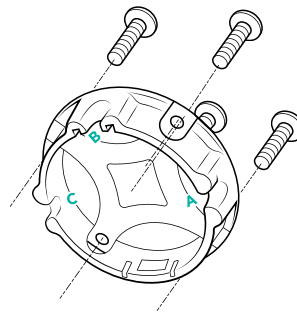
Fabricating the Device:

1 Mount the Surface Collar:

- Determine ideal placement.
- Grind a small flat area or apply the Surface Shim.
- Mark and drill the necessary holes using a 3 mm bit.
- Attach with the included hardware or attach using rivets (not included).

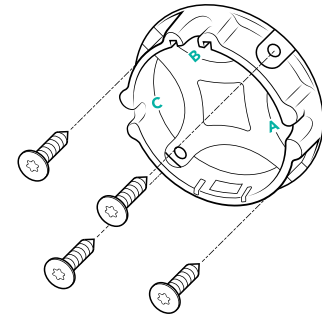
Note:

- If running laces in parallel, use lace ports **B** and **C**
- If running laces opposite, use lace ports **A** and **C**.



Mount from the **inside** of device with the Phillips Head Screws.

OR

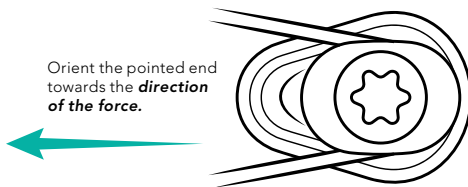


Mount from the **outside** of the device, using Torx Head Screws

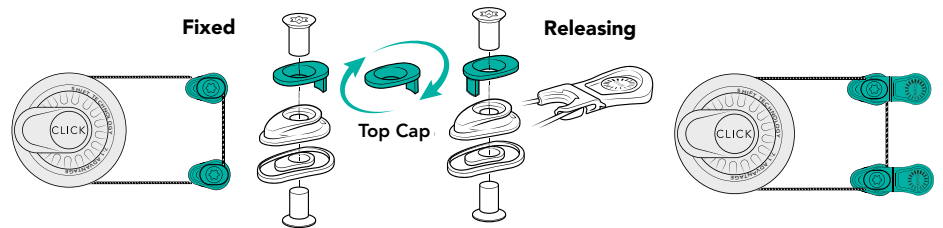
Note: Make sure screw heads don't interfere with reel installation.

2 Mount the lace guides:

- Drill 5 mm holes into device at desired guide locations.
- Orient the guides.



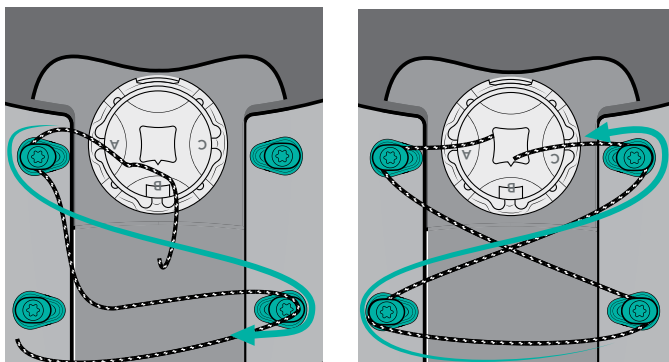
- Arrange the top cap into the **Fixed** or **Releasing** position.



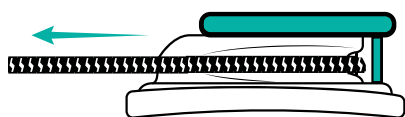
- Attach with included hardware or rivet (not included).

3 Lace the device.

Start at the collar and lace through guides.

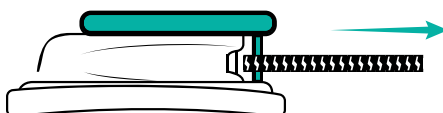


PROPER fixed guide lacing:



Lace is locked behind keeper.

IMPROPER fixed guide lacing:



Lace is pulling directly on keeper.

For releasing guides, simply wrap lace around guide until you install the releasing handle.

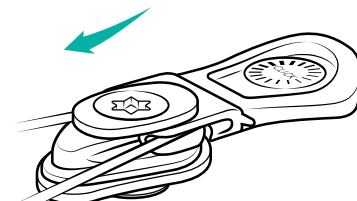


Add releasing handles to the lace (if configuring releasing guides).

Feed lace through **OR** Snap handle onto the lace



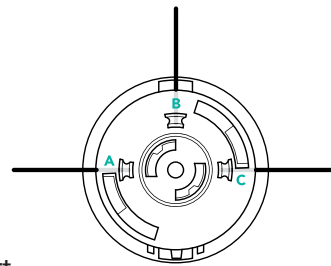
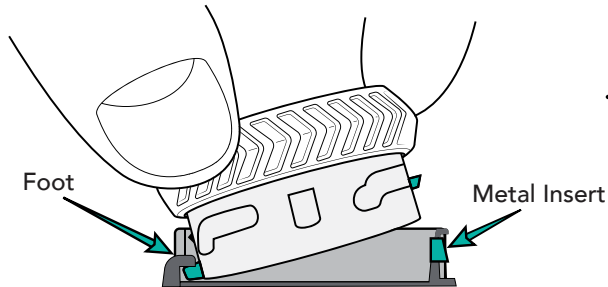
Then slide the handle onto each releasing guide base.



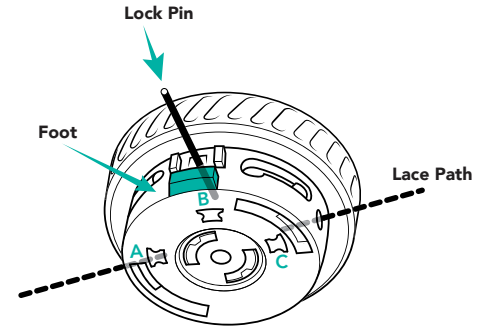
4 Attach lace to the Click® Reel.

Step 1

Orient the reel so that the foot of the reel aligns with the void in the lamination collar opposite of the metal insert. Then determine which lace hole(s) align with your lace path.



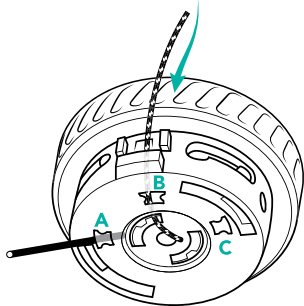
3 possible lace ports.
(A, B, C)



Note: If the lock pin occupies one of the lace holes you need to use, then insert another lock pin in the hole you are not using, and remove the original lock pin to free up that lace hole.

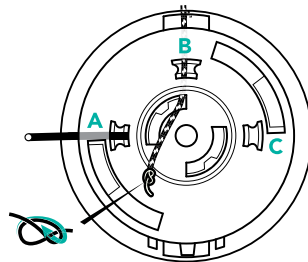
Step 2

Insert lace through lace exit and out of u-shaped hole in the bottom-center of the reel.



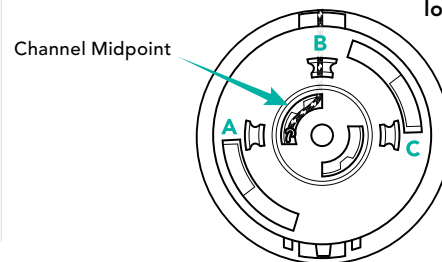
Step 3

Tie an overhand knot at desired length and trim tail.



Step 4

Pull lace to seat knot on the far side of the channel midpoint. Push knot into hole with a flathead screwdriver.

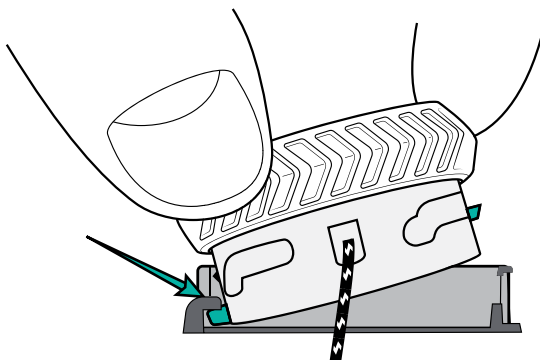


Step 5

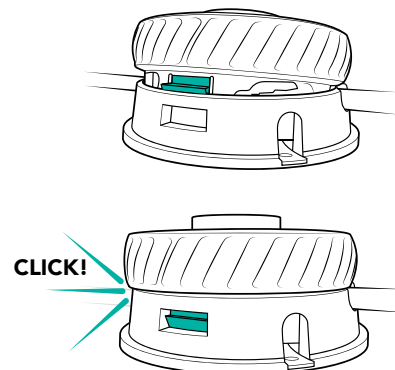
Repeat process for the other end of lace. Ensure that the reel does not need to wind up more than 40 cm of total lace. **Remove any remaining lock pins.**

5 Install the Click® Reel.

1. Insert the foot of the reel into the void in the bottom of the collar opposite of the metal insert.



2. Press the reel firmly into the collar (you should hear a "CLICK" when secure).

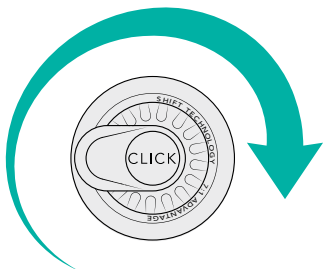


6 Test function.

Cycle the system 3 times before delivering to verify proper function.

How to use the Click® Reel

- 1 Turn reel to quickly take up lace.



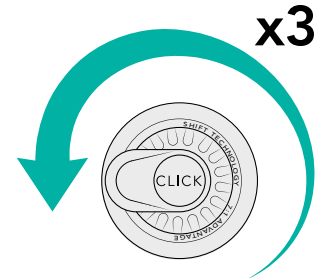
- 2 Reel will automatically shift to high power mode as it tightens.



- 3 Micro-adjust by turning forward or backward.



- 4 To fully release lace tension, turn backwards 3 full turns.



Safely manage lace tension with the Click® Reel Clutch:

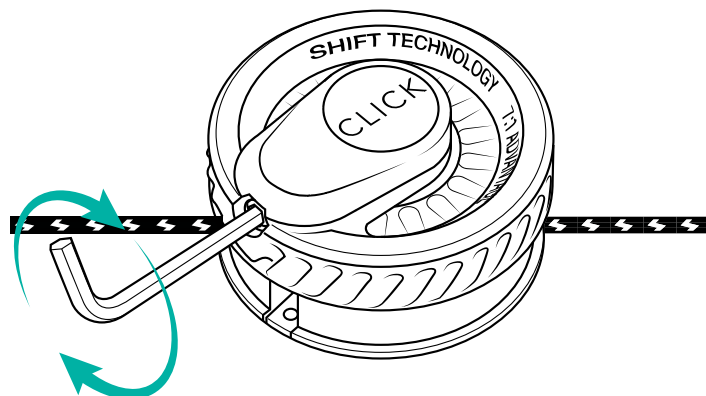
Prescribe the exact level of tension for any device.

Using an Allen Key, simply turn the clutch set screw to set tension.

- Right to increase maximum tension
- Left to decrease maximum tension

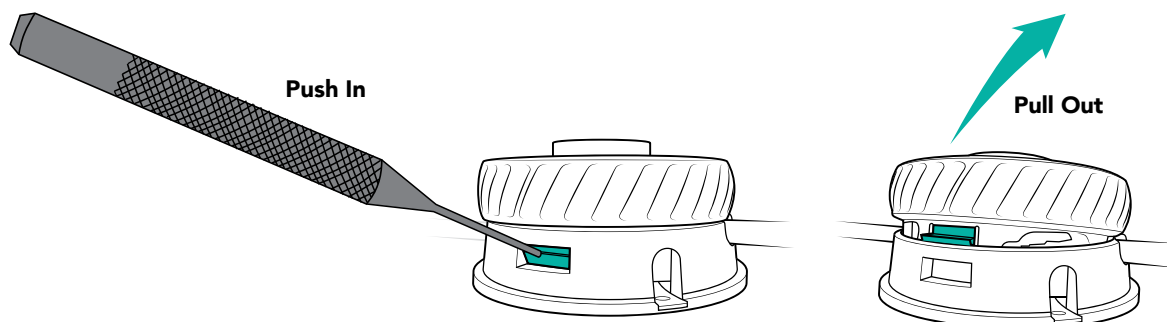
Why would you use the clutch safety feature?

- Limited tension:** Limit the amount of tension the reel can produce to prevent over-tightening.
 - For users with: neuropathy, circulatory issues, sensitive skin (grafts) or non-compliance issues.
- Repeatable tension:** Set a repeatable tension level that allows the user to adjust to the same tension level every time.
 - Useful for: non-compliant patients, or new amputees just learning to manage volume and fit. Convenient for users who just want to know their socket is fitting as you prescribed.



To remove the Click® Reel:

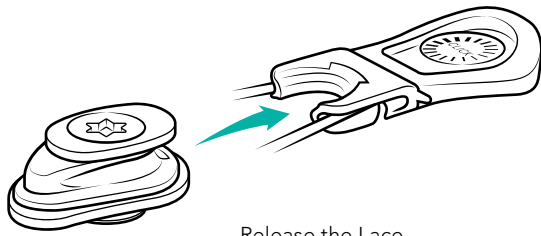
Insert a small tool into pilot hole and push to disengage lock while pulling the dial upwards.



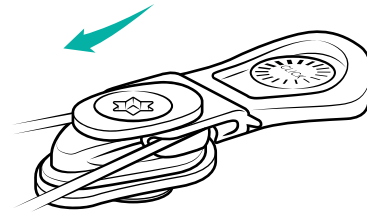
WARNING: DO NOT PRY THE TOOL UPWARDS - DAMAGE TO COLLAR CAN OCCUR!

See clickmedical.co/instructions for detailed instructions for replacing/re-lacing a reel.

Teach your patients how to release and reconnect the releasing guides:



Release the Lace.



Reconnect the Lace.

Teach your patients to care for and maintain their RevoSurface® system:

Regularly inspect your RevoSurface® system.



Inspect lace:

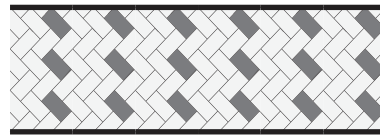
- ✓ Check for wear or damage routinely
- ✓ Replace at any sign of wear
- ✓ Replace lace every 6 months



This product is waterproof and submersible. Rinse with fresh water after use in saltwater, sand, or mud.

Have your patient register their RevoSurface® device: <https://clickmedical.co/register/>

NEW LACE



WORN LACE

look for broken **black** fibers



Look for broken black fibers for areas of high wear. If a significant amount of black fibers are broken, then replace the lace.