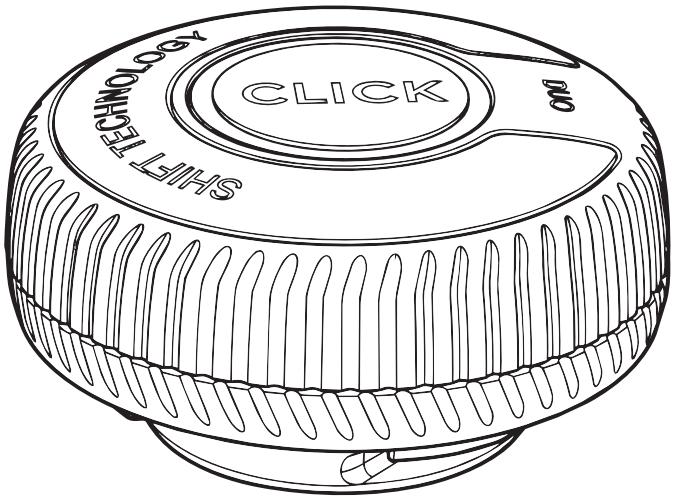
CLICK MEDICAL

ClickFit™
Fabrication Instructions

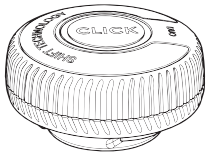
Revised July 2026
For more resources visit:
clickmedical.co/ifu/clickfit

ClickFit™ System with C2 Duo Reel™ (CF-C2D) | ClickFit™ System with C2 Power Reel™ (CF-C2P)

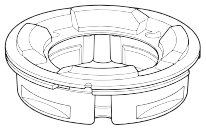
C2 DUO REEL™
CF-C2D

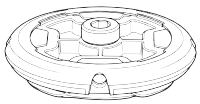


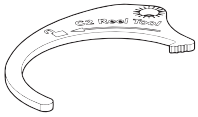
C2 DUO Reel™ Kit Contents (CF-C2D):

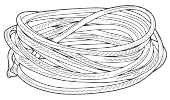


C2 Duo Reel™

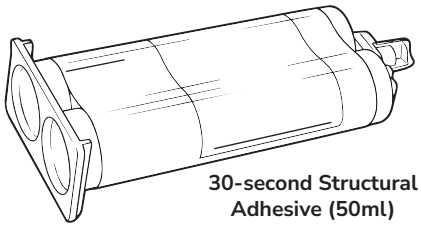

C2 Collar

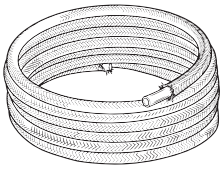

C2 Lamination Base

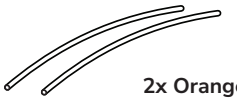

C2 Reel Tool

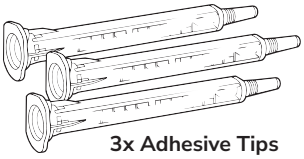

HD Lace (2m)


Lace Feeder

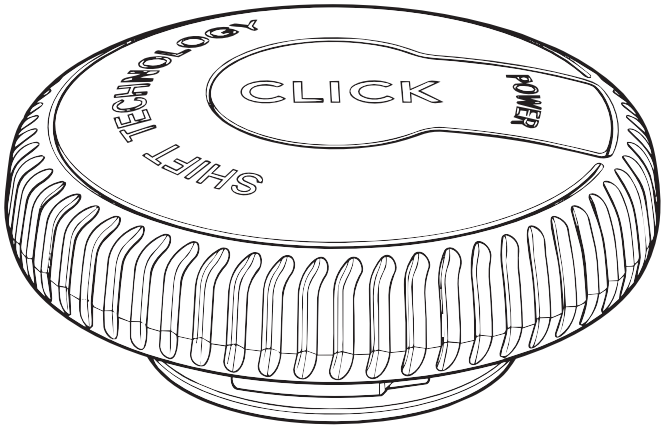

30-second Structural Adhesive (50ml)


Lamination Tube (1.8m)


2x Orange Monofilament (7.5 cm)


3x Adhesive Tips

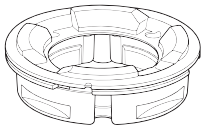
C2 POWER REEL™
CF-C2P

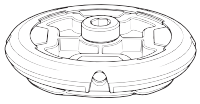


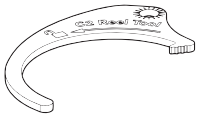
C2 POWER Reel™ Kit Contents (CF-C2P):

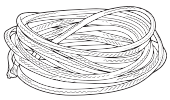


C2 Power Reel™

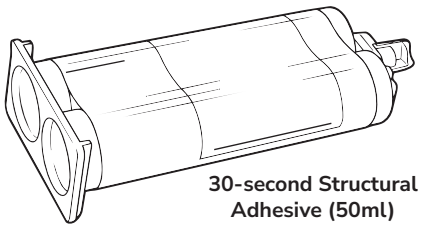

C2 Collar

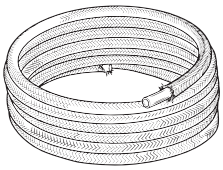

C2 Lamination Base

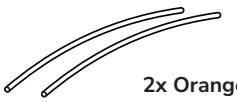

C2 Reel Tool

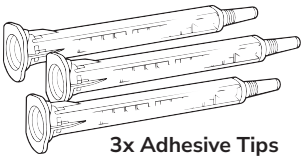

HD Lace (2m)


Lace Feeder


30-second Structural Adhesive (50ml)


Lamination Tube (1.8m)


2x Orange Monofilament (7.5 cm)


3x Adhesive Tips

IMPORTANT INFORMATION

READ BEFORE BEGINNING FABRICATION

Critical Items

Before beginning, make sure you have the **C2 Fabrication Tool Kit** (TL-C2) on hand.

Use included adhesive and dispenser tool.
If not included with kit, dispenser may be ordered through your local distributor.

Do NOT remove clear C2 Masking Sticker from bottom of Collar, or silicone Collar Shield from top of Collar prior to installation.

Attach Lamination Base using provided Adhesive.
Do NOT use Cyanoacrylate glue to attach the Lamination Base.

Thickness of second lamination should not exceed 3mm above C2 Lamination Base.

Make sure to lock Reel into C2 Collar with the C2 Reel Tool prior to delivering the socket.

Monofilament Specification: 0.080 inch diameter round trimmer line.

Recommended Tools:

- C2 Fabrication Tool Kit (TL-C2)
- Permanent Marker
- Razor Knife
- Cyanoacrylate Glue
- Power Hand Drill
- Isopropyl Alcohol

ADVISORY

Must be installed by a licensed professional.

Overtightening could compromise circulation. Do not use on patients with nerve issues.

Lace will wear.

- Routinely check for wear or damage.
- Look for broken fibers around areas of high wear.
- Replace lace if a significant amount of fibers are broken.
- Proactively replace lace every 6 months.
- Keep lace away from open flame and sharp edges.
- Weight Limit: 300lbs / 135kg.

See instructions in other languages:

clickmedical.co/ifu/clickfit

CLICK MEDICAL GUARANTEE

WARRANTY:
www.clickmedical.co/terms/#warranty

U.S. Customers:
Contact Click Medical directly
Help@ClickMedical.co • Help Line: +1 970 670 7012

International Customers:
Please contact your local distributor

UK REP
Parkway House, Palatine Rd, Northenden, Wythenshawe, Manchester M22 4DB United Kingdom

CH REP
MDSS CH GmbH, Laurenzenvorstadt 61 5000 Aarau, Switzerland

MD
EU REP
MDSS GmbH, Schiffgraben 41 30175 Hannover, Germany

CE

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

1 **Surface Preparation:** Prepare the surface of the first lamination for component attachment and second lamination.

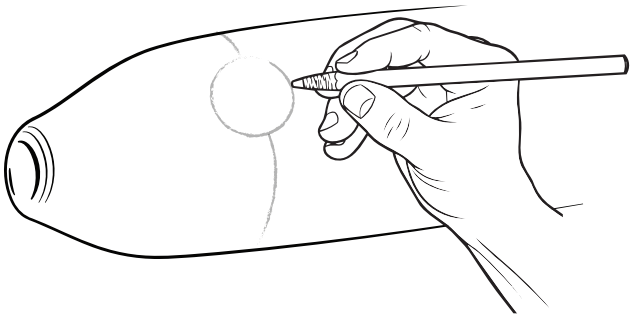
First, sand the lamination to create a rough surface and promote secure adhesion components and second lamination.

When complete, wipe clean with isopropyl alcohol to remove any surface contaminates that may interfere with adhesion.

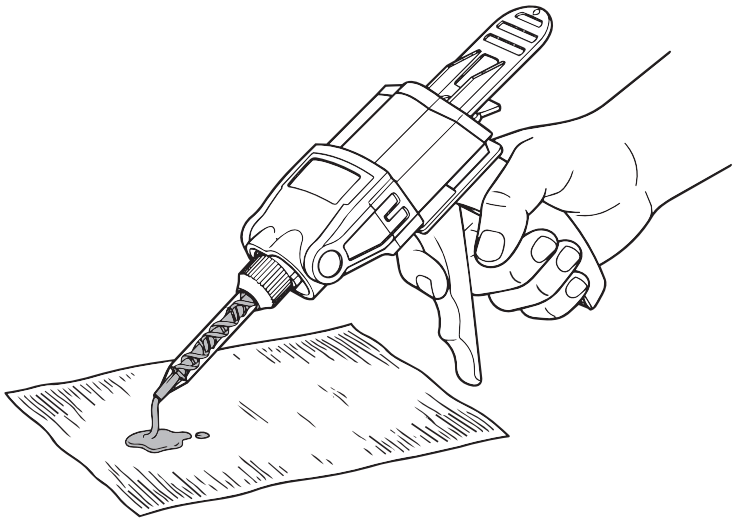
2 **Planning:** Mark location of reel, areas of adjustabilty and lace path(s) onto first lamination. Your design may vary from example image.

For examples of foundational adjustability designs, please review CLICK's Design Guidelines here:

https://clickmedical.co/ifu/clickfit/#rules



3 **Prepare Adhesive Dispenser:** Before using Adhesive, dispense a small amount of Adhesive through the Mixing Tip onto a paper towel or other waste surface. This ensures the Adhesive is fully mixed before application and helps prevent bond failures caused by improperly mixed materials.

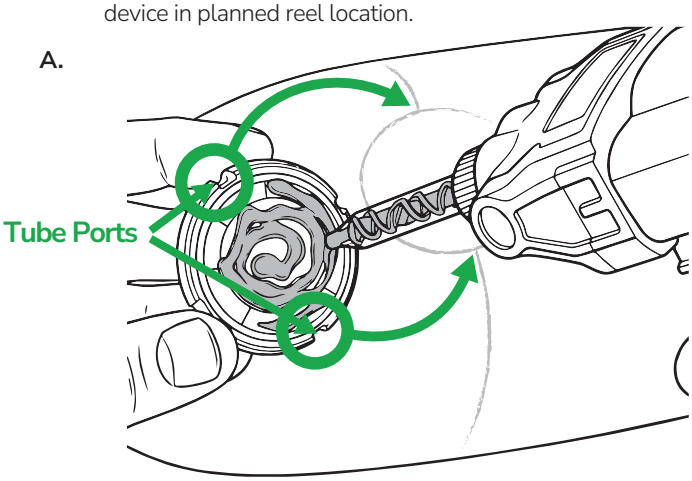


4 **Attaching Lamination Base:**

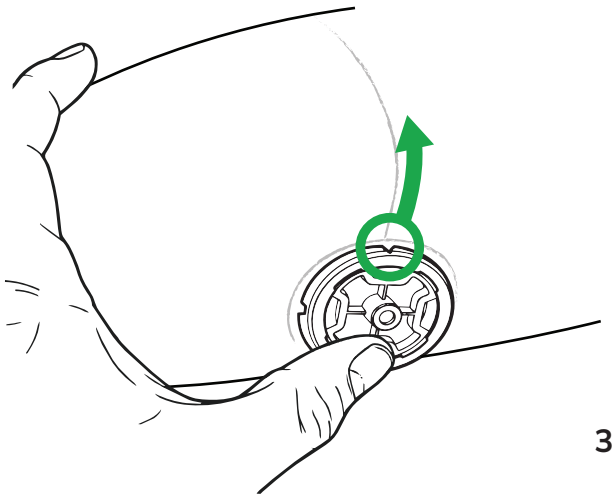
A. Apply provided adhesive to bottom of Lamination Base (the side without the bolt). Do **NOT** use cyanoacrylate glue to attach the Lamination Base.

B. With bolt facing out, align the tube ports of the Lamination Base with the planned and marked lace paths. Bond Lamination Base onto device in planned reel location.

A.

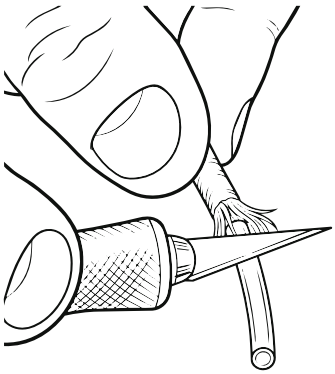


B.

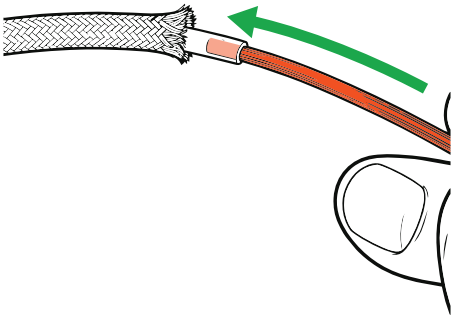


5 A. Cut one end of the tube with a sharp razor blade for a square end.
B. Insert orange Monofilament into Tube. If using a full length of Monofilament to fill the entire Tube, insert it now. If using short Monofilament end-plugs, insert 1 end-plug now.
C. Pro Tip: Leave ~1 cm of Monofilament exposed; this will help guide Tube into Lamination Base in next step.

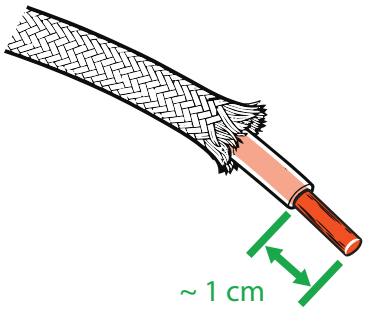
A.



B.

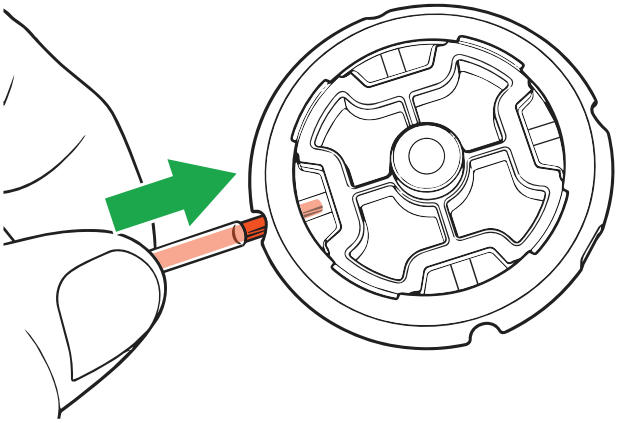


C.

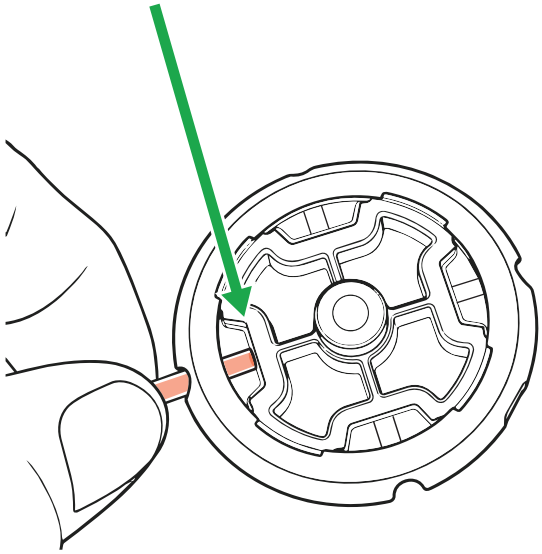


6 A. Insert Monofilament into the proper tube port of Lamination Base.
B. Push Tube fully into the silicone window. **Ensure Tube is completely seated against white inner wall on Lamination Base.**

A.

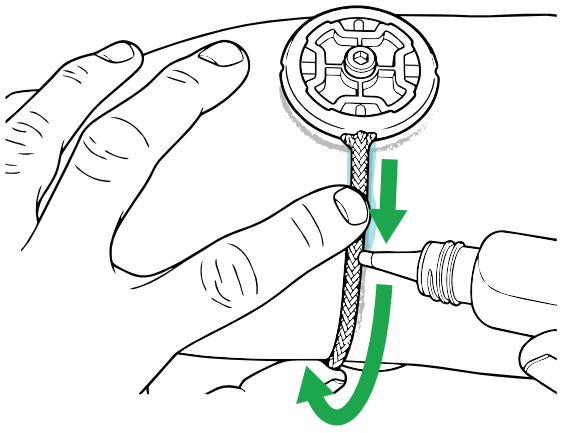


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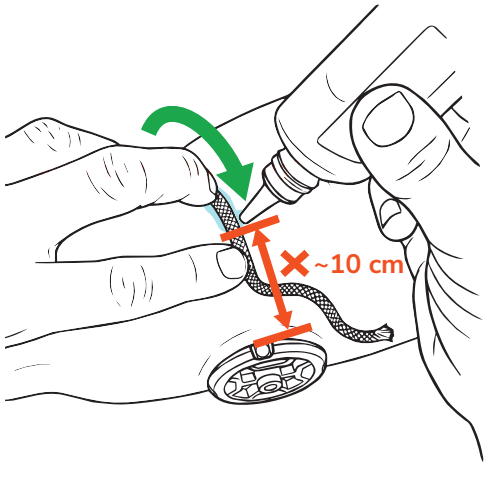


7 A. Using cyanoacrylate glue, attach the Tube to ensure it is secured to the device and follows designed path.
B. STOP GLUING approximately 10 cm before Tube returns to Lamination Base.

A.



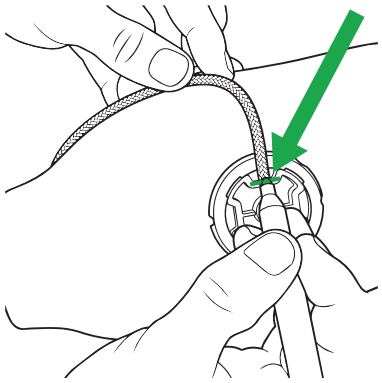
B. **STOP GLUING** ~10 cm from Lamination Base



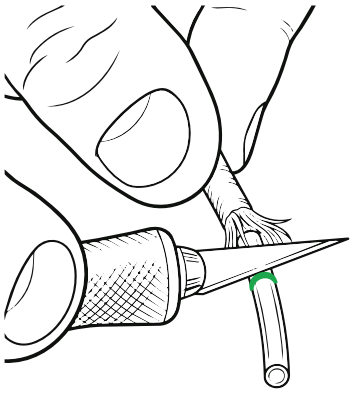
8 A. Mark distance to the end of the silicone window in Lamination Base on Tube. **Tube must be long enough to reach and abutt white inner wall on Lamination Base.**
B. Cut Tube to length using a razor blade for a square end. If using a full length Monofilament, you will cut Monofilament with Tube.
C. If using short Monofilament end-plugs, insert end-plug now.

Pro Tip: Leave ~1 cm of Monofilament exposed to assist insertion in next step.

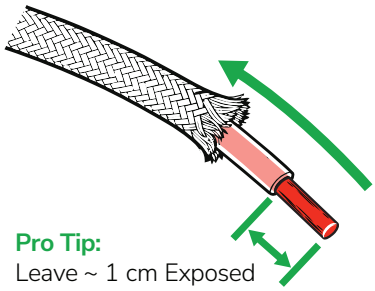
A.



B.

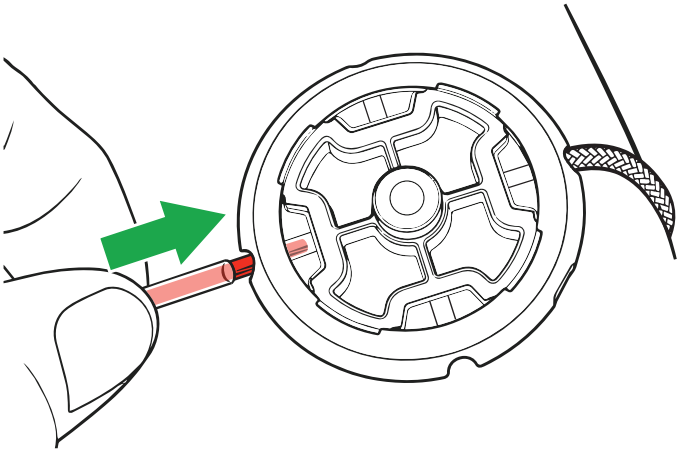


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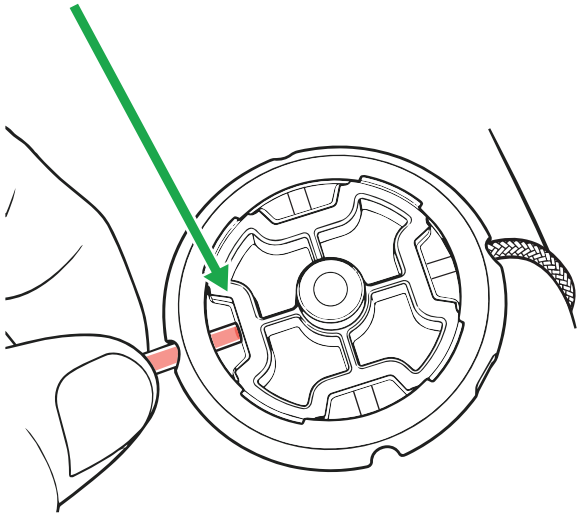


9 A. Insert Tube into silicone window on Lamination Base. If Monofilament protrudes, it will help guide Tube.
B. Ensure Tube is completely seated against white inner wall on Lamination Base.

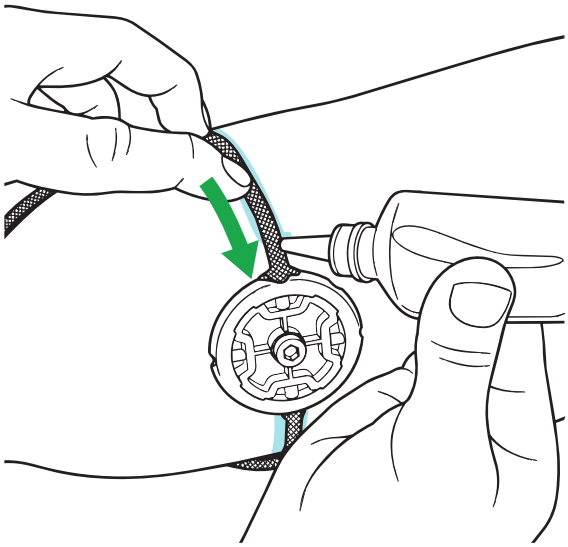
A.



B.



10 Glue last 10cm of Tube to device.



11 **Install and prepare a new Adhesive Tip on Adhesive Dispenser:** Before using new Adhesive Tip, dispense a small amount of Adhesive through the mixing Tip onto a paper towel or other waste surface. This ensures the Adhesive is fully mixed before application.

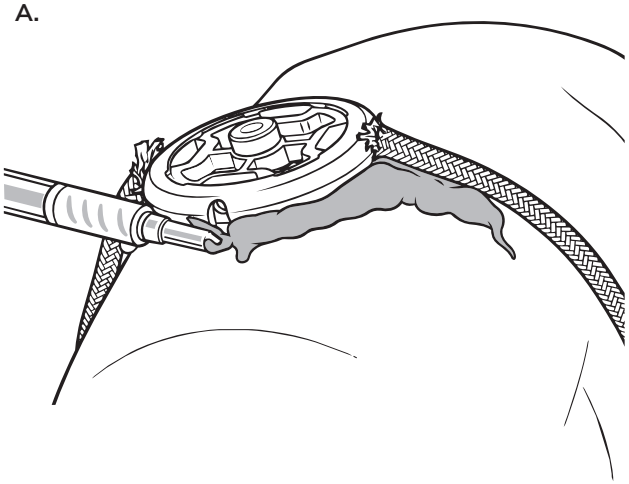


12 **Use Adhesive to create a smooth transition between the device and the Lamination Base:**

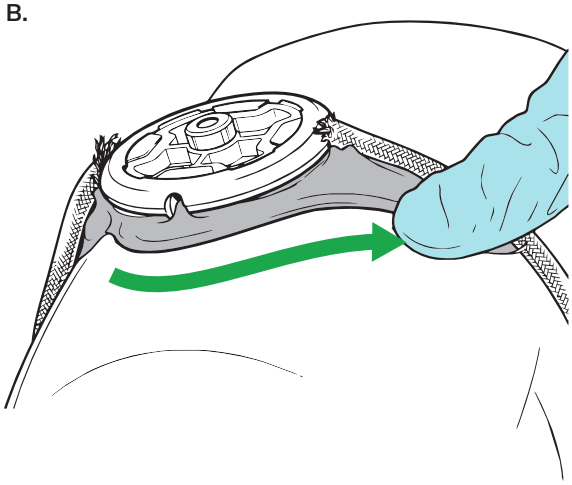
A. Fill in gaps under Lamination Base and Tube entry points with Adhesive, using a new tip.

B. Smooth the Adhesive with a gloved finger.

A.

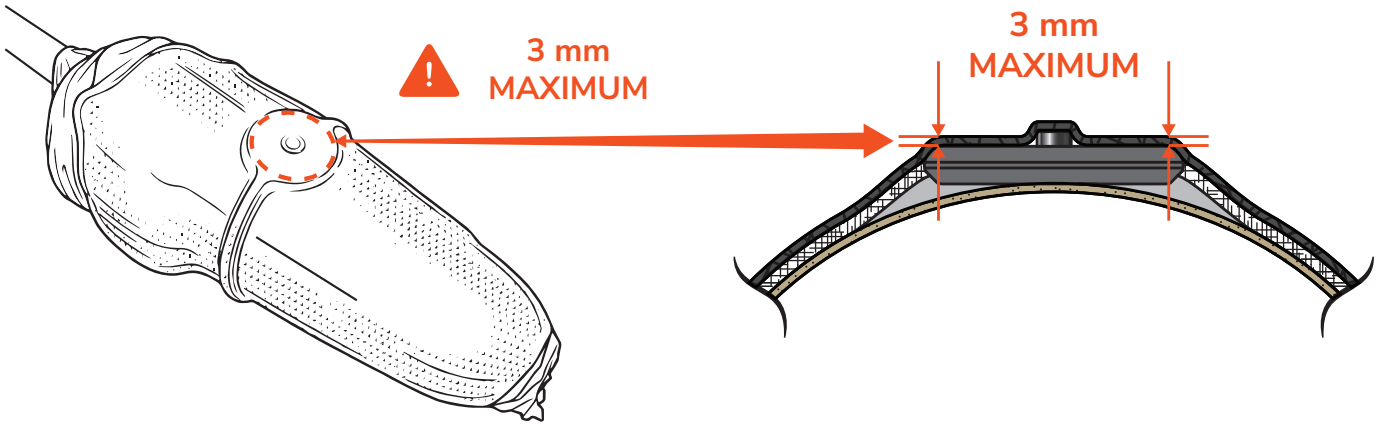


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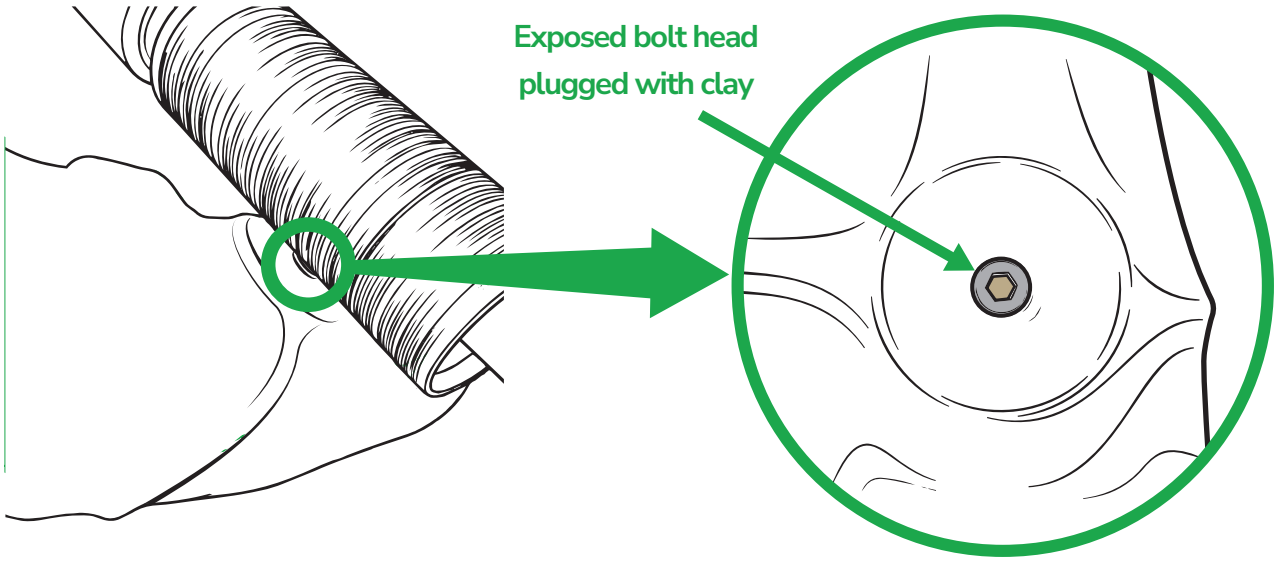


13 Add final layers of composite materials and complete second lamination layer.

Second lamination **MUST NOT** exceed 3 mm of material thickness above the perimeter of the Lamination Base.

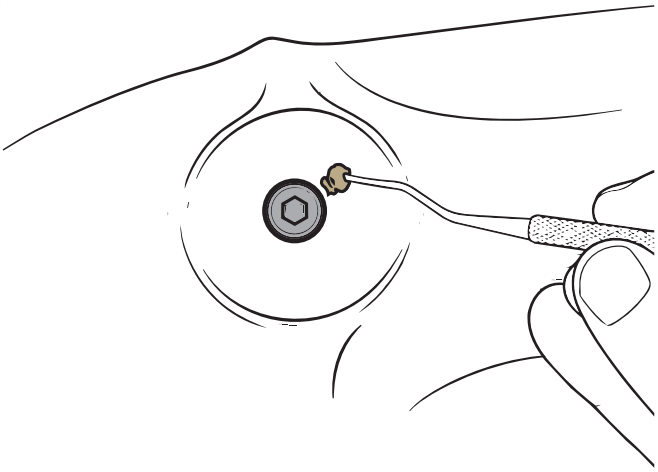


14 Grind lamination to expose the bolt head in the Lamination Base.

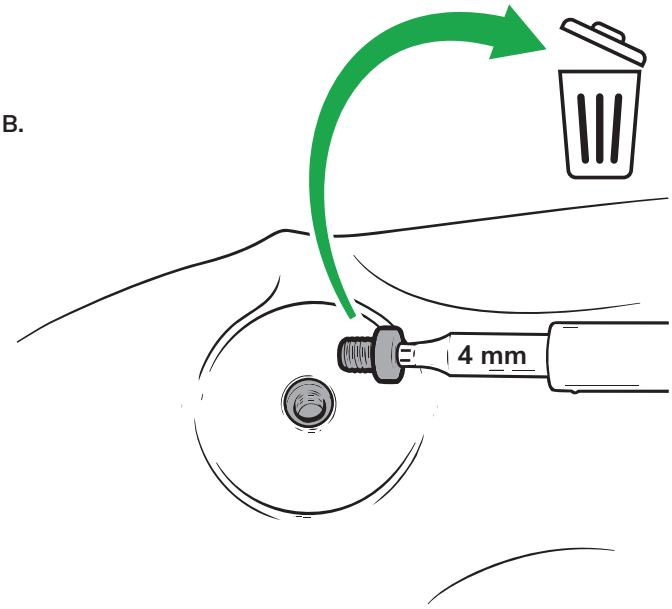


15 A. Remove clay.
B. Then remove the bolt with 4 mm hex. Discard bolt.

A.

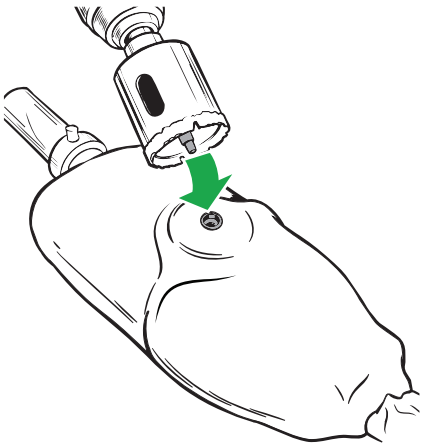


B.

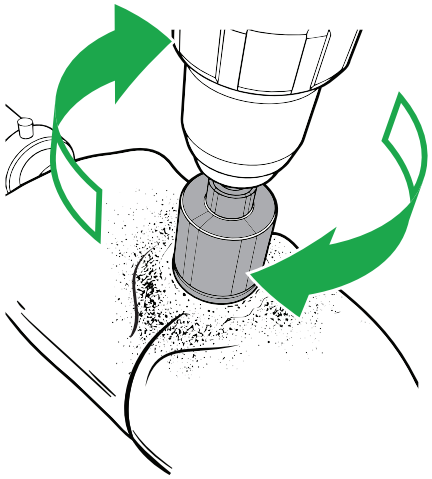


16 Use Diamond Hole Saw from Fabrication Tool Kit (TL-C2) to cut top surface of lamination, and remove material covering top of Lamination Base.
A. Insert the center post of Hole Saw into exposed threaded brass insert in Lamination Base.
B. Hole Saw has an integrated stop built into the center post that will stop the bit at the correct depth. Avoid rocking the Hole Saw and cutting through Tube.

A.

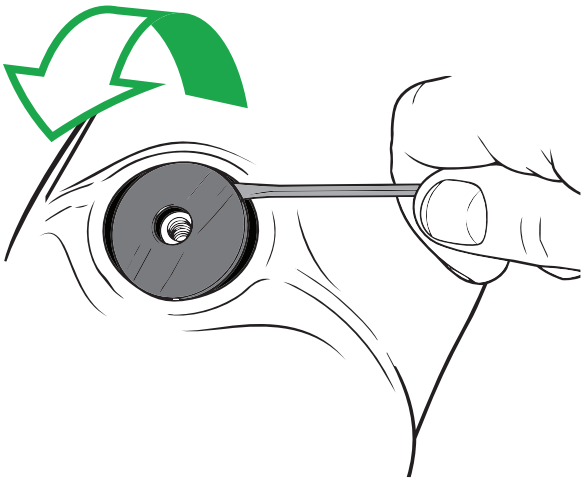


B.

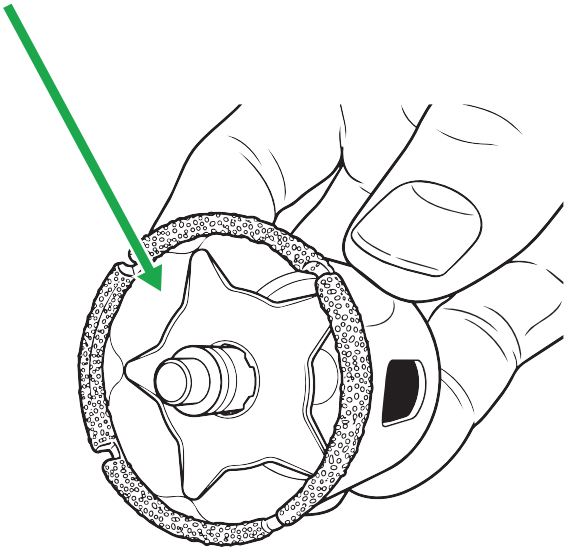


17 A. If carbon disk remains in device, remove disc with appropriate tool, exposing the Lamination Base.
B. If carbon disk remains in Hole Saw, **remove carbon disc from underside of Hole Saw.**

A.

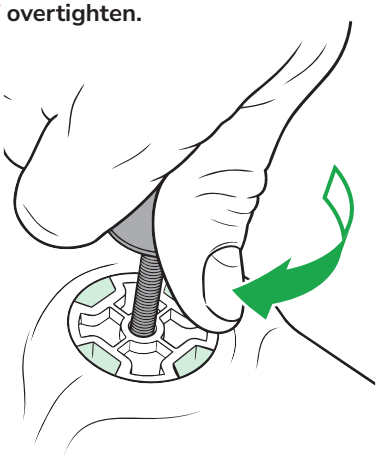


B.

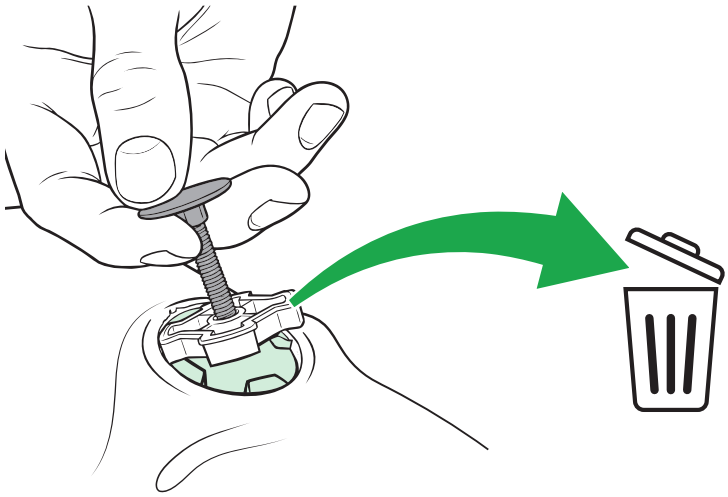


18 A. Twist the Extraction Tool from the Fabrication Tool Kit clockwise into the threaded brass insert until resistance is felt.
DO NOT continue twisting the Extraction Tool after resistance is felt, as you may damage the first lamination.
B. Then pull to remove white insert. Dispose of white insert; **save Extraction Tool for reuse.**

A. DO NOT overtighten.

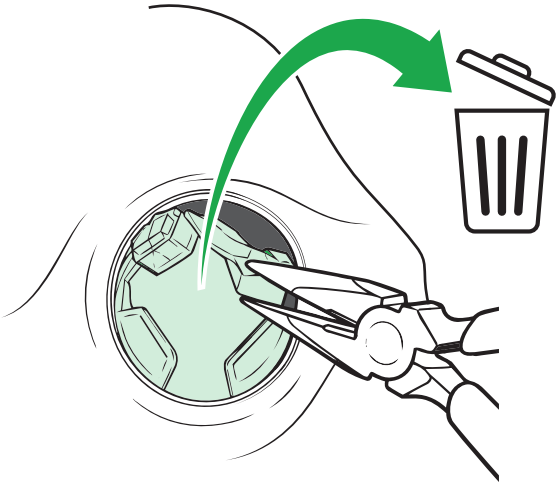


B.

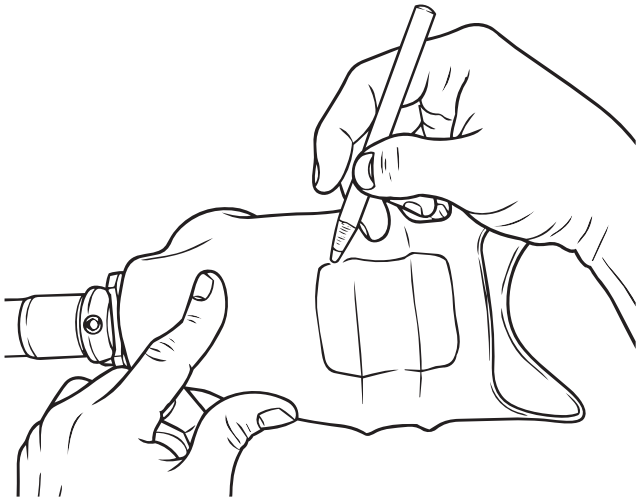


19 Pull silicone plug out of Lamination Base and clear all debris from cavity.
Dispose of silicone ring.

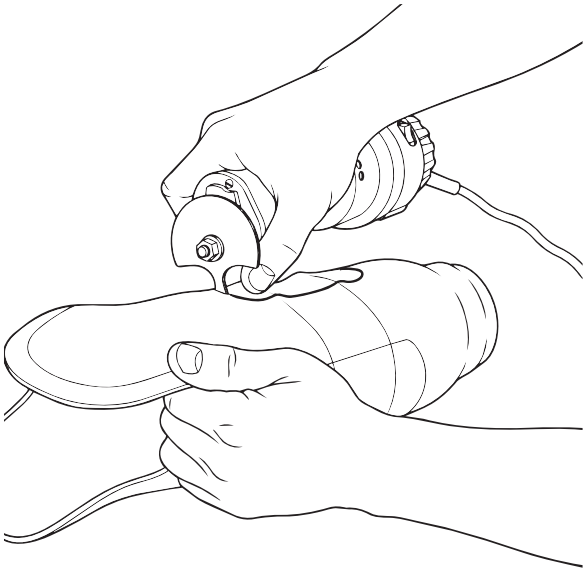
DO NOT TRIM TUBE or MONOFILAMENT.



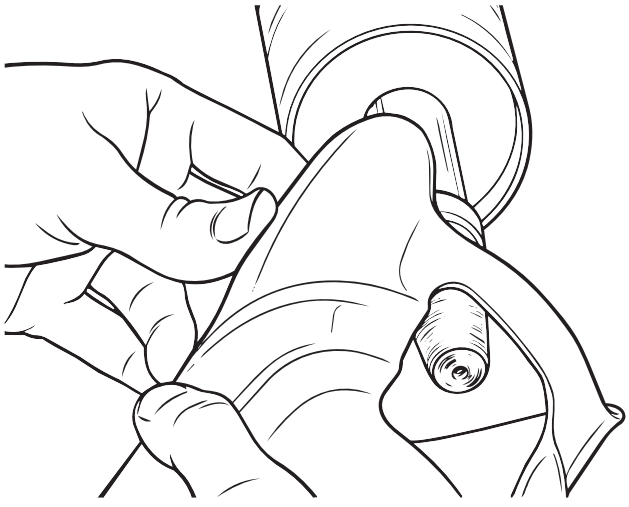
20 After removing the laminated socket from the plaster cast, and establishing your proximal trim lines, mark your trim lines for panels, gaps, or hinge areas.



21 Cut out your ClickFit design using an oscillating tool.



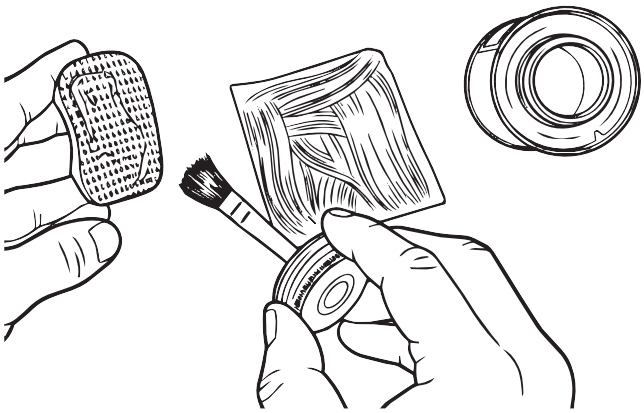
22 Grind and buff the edges of both the panels and socket, removing any rough edges.



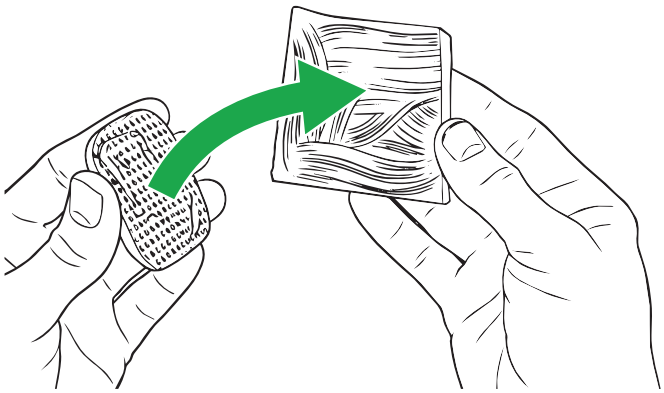
23 Apply adhesive to both the panel and pad (A), then adhere padding to panel (B).

Recommended padding thickness is 6-10 mm, using a medium density foam of ~35 Shore A durometer.

A.



B.

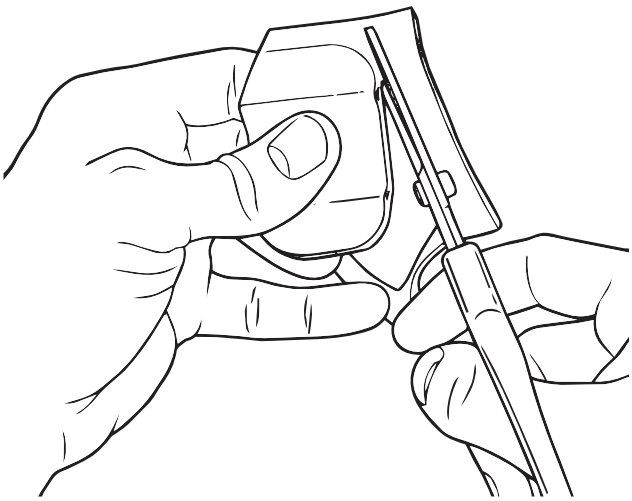


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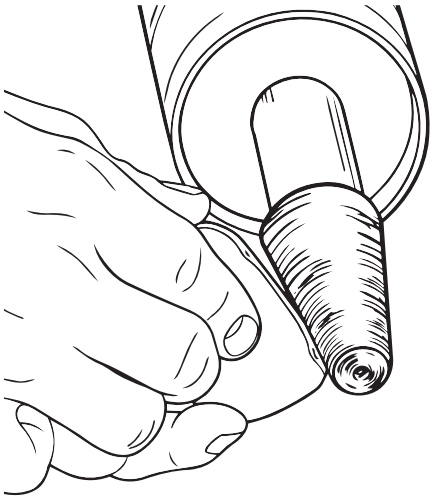
24 Cut (A) and scive (B) padding to match panel shape and create a convex shape in the center of the panel.

Pad thickness and shape can be fine tuned to optimize pressure and fit.

A.



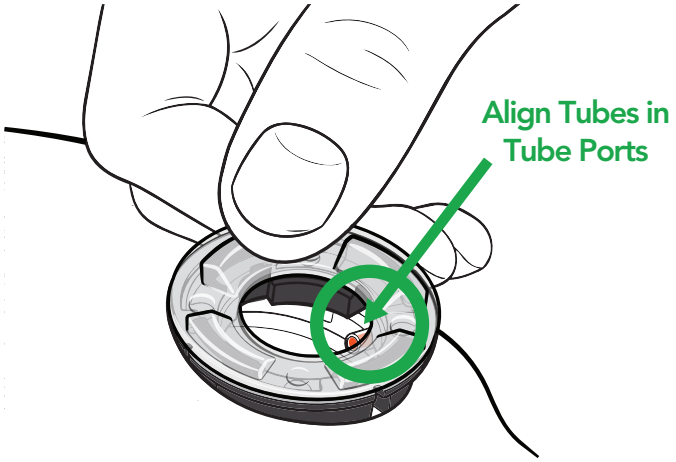
B.



---

25 Place C2 Collar in Lamination Base cavity, aligning Tubes with tube port archways in Collar.

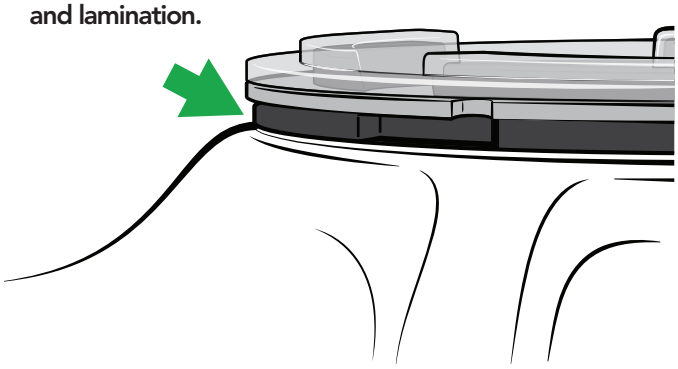
DO NOT TRIM TUBE or MONOFILAMENT.



26 Visually confirm that collar is fully seated into lamination, with no gap between C2 Collar and lamination surface.

NOTE: Ensure Tubes are not lifting C2 Collar out of position.

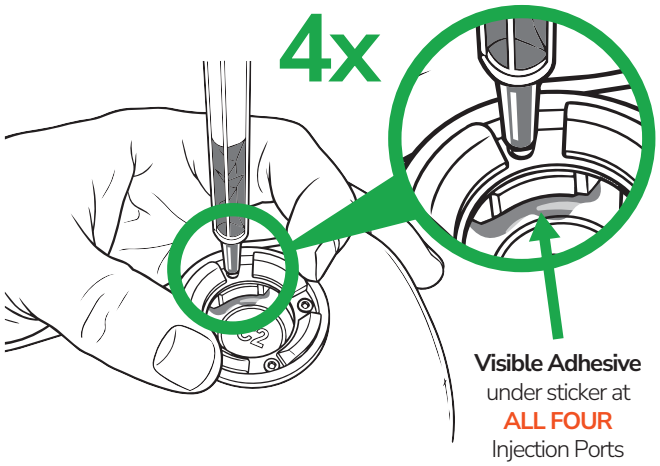
NO GAP
between C2 Collar and lamination.



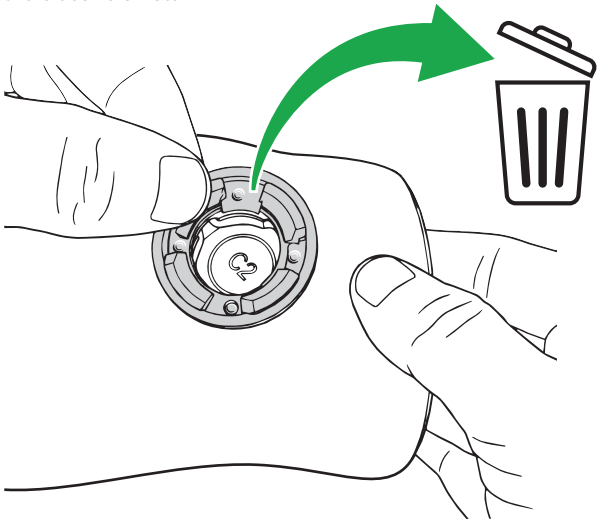
27 **Install and prepare a new Adhesive Tip on Adhesive Dispenser:**
Before using new Adhesive Tip, dispense a small amount of Adhesive through the Mixing Tip onto a paper towel or other waste surface. This ensures the Adhesive is fully mixed before application.



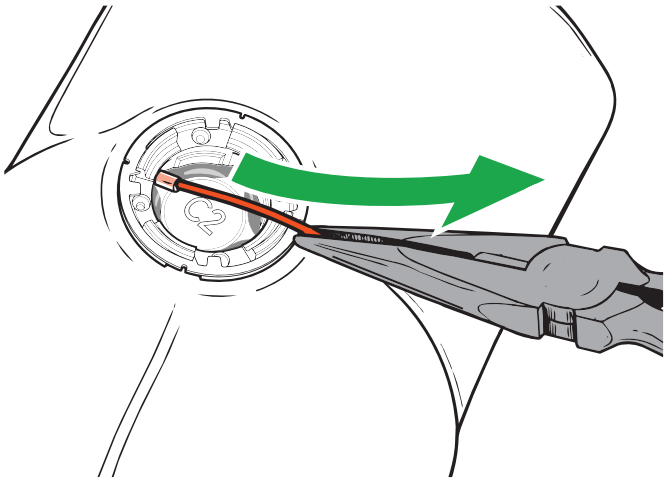
28 Using the new Adhesive Tip, place the Tip into one of the ports in the Collar Shield and hold it perpendicular to the Collar. Inject Adhesive slowly into each of the four ports (~0.4ml per port), stopping as soon as Adhesive becomes visible under the clear sticker.



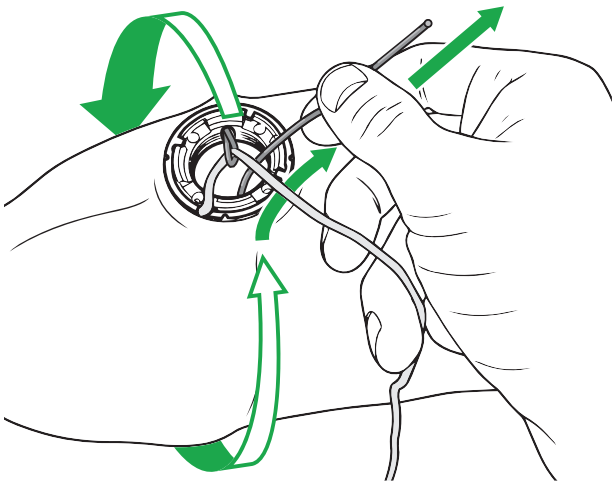
29 Remove silicone top shield. Clean off any excess Adhesive on the injection surface and under the lock ring – discard silicone shield.



30 Carefully remove all monofilament from device without damaging tube.



31 Guide the metal Lace Feeder through the device with Lace attached, pulling Lace through device with Feeder; follow the Tube path according to your design.



Congratulations!

You've successfully crafted a beautiful device.

Now let's lace up the Reel and give it some adjustability!

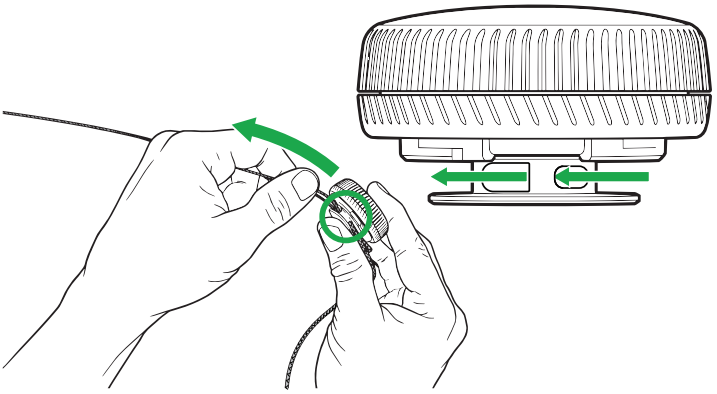
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Why do Prosthetists make terrible poker players?

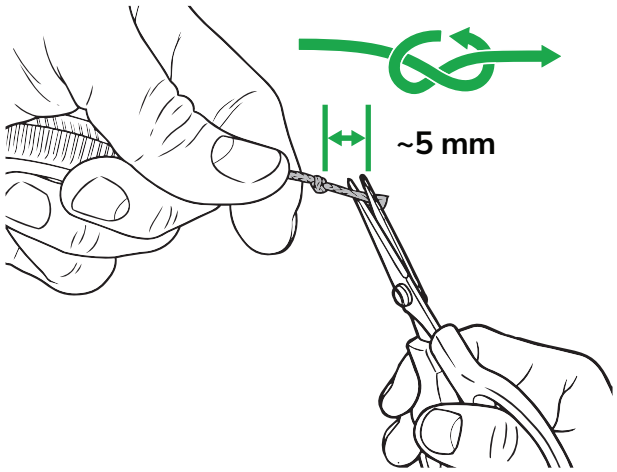
They always give away their hands!

32 **Lacing the C2 Duo Reel™:** If lacing a C2 Power Reel™, skip to Step 33.

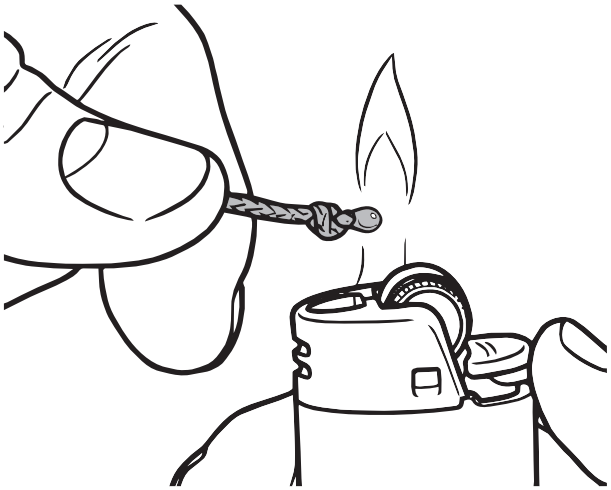
A. Using your metal Lace Feeder, lace the Duo Reel by feeding one end of the Lace through one of the small holes in the spool, exiting the larger hole.



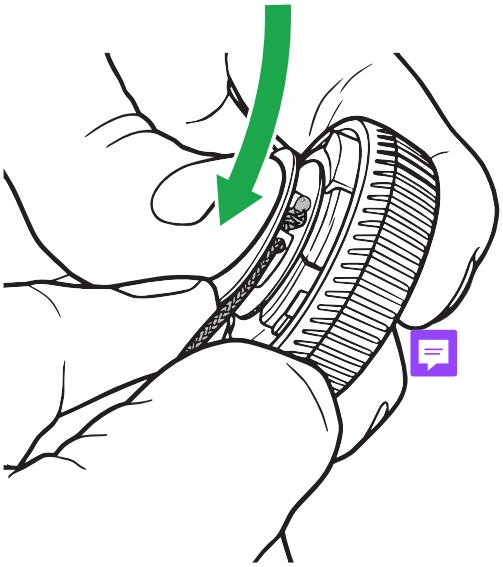
B. Tie the end of the Lace using a single overhand knot. Cut excess Lace, leaving **~5 mm** from knot to lace end.



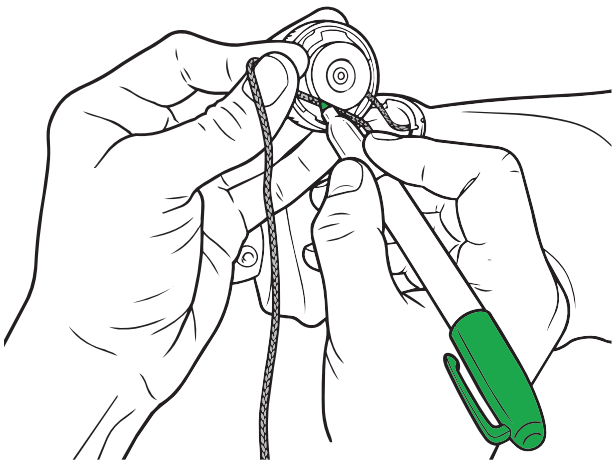
C. Melt the excess lace, creating a cap which will prevent the knot from backing out.



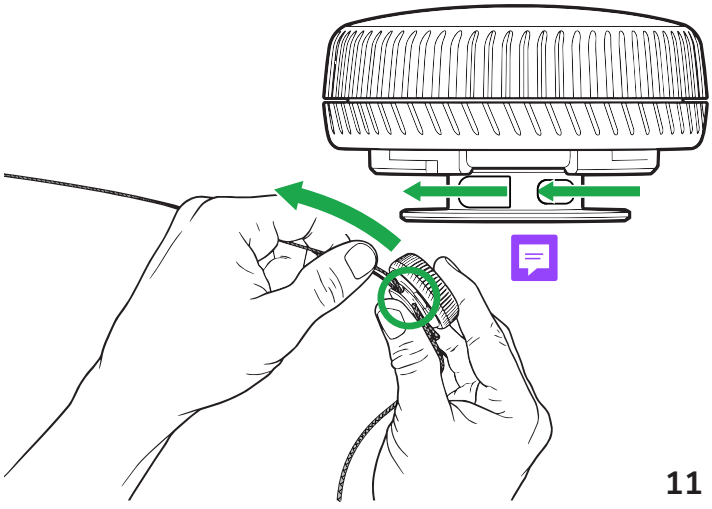
D. Pull firmly on the lace to seat the knot into the spool.



E. **Measure Lace at opposite end and mark length. Use only the amount of Lace needed to allow the device to fully expand. Excess Lace can interfere with proper functioning of the Reel.**

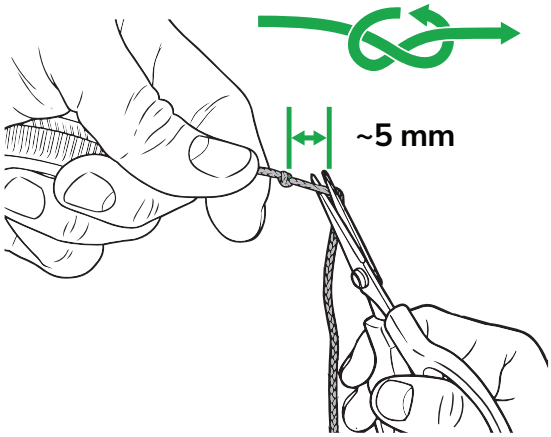


F. Feed second Lace end through remaining small hole in spool, opposite first Lace end, exiting larger hole.

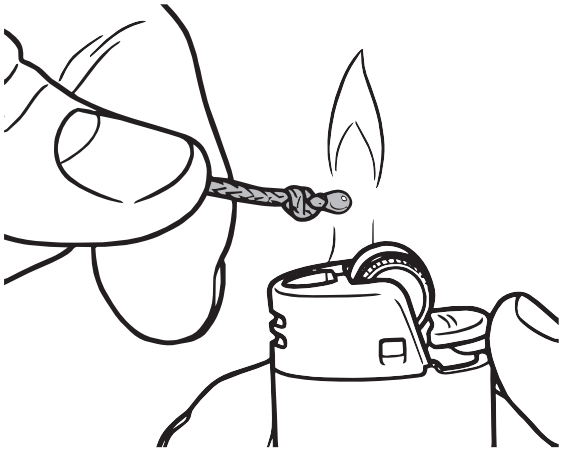


32 **CONTINUED - Lacing the C2 Duo Reel™:** If lacing a C2 Power Reel™, skip to Step 33.

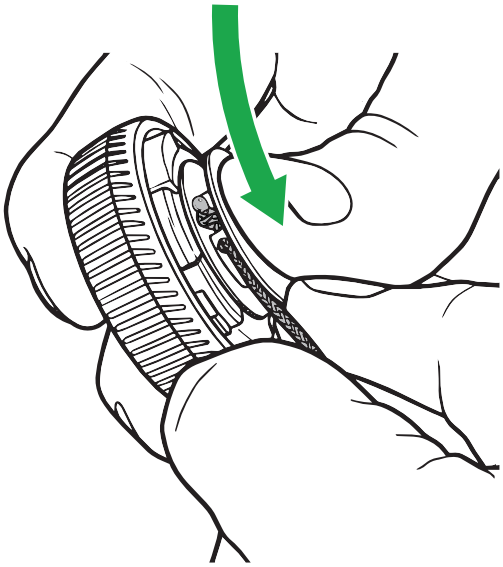
G. At your mark, tie the second Lace end, using a single overhand knot. Cut excess lace, leaving **~5 mm** from knot to lace end.



H. Melt the excess Lace, creating a cap which will prevent the knot from backing out.



I. Pull firmly on the second Lace, seating the second knot tightly into the spool.



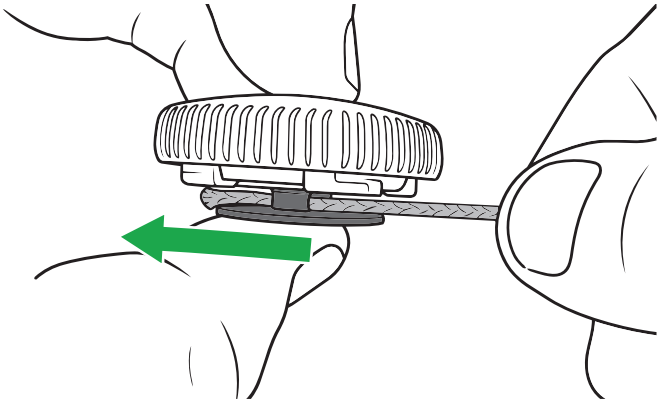
You've completed lacing the C2 Duo Reel™.
Proceed to the next step: Installing the Reel into the C2 Collar.

What did the pirate call his carbon-fiber prosthesis?

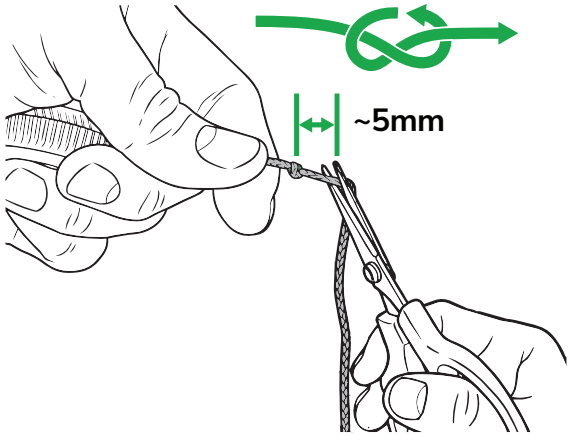
His Arrr-tificial limb.

33 **Lacing the C2 Power Reel™:** If lacing a C2 Duo Reel™, return to step 32. If lacing is complete, proceed to step 34.

A. Lace the Power Reel by feeding one end of the Lace either direction through the central hole in the spool.

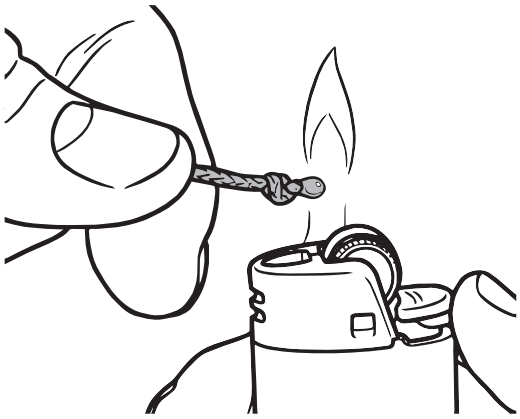


B. Tie the end of the Lace using a single overhand knot. Cut the Lace tail leaving **~5mm** from knot to Lace end.

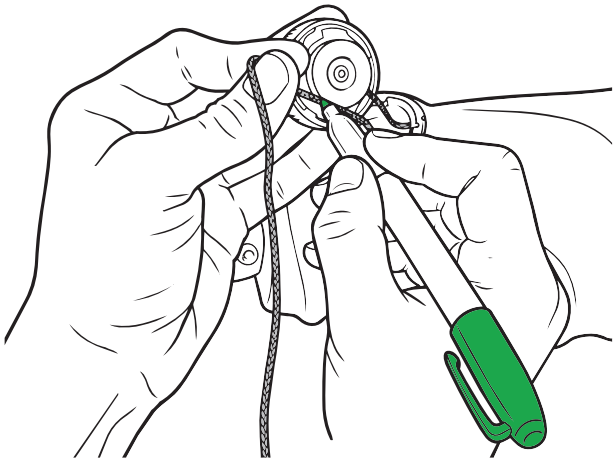


C. Melt the excess Lace, creating a cap which will prevent the knot from backing out.

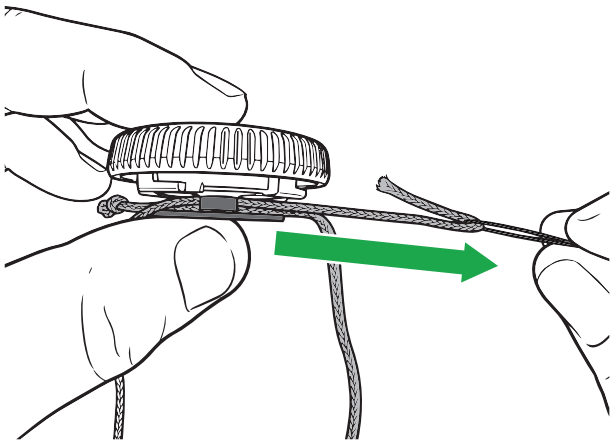
DO NOT pull the knot back into the spool until after second Lace end is attached. This will allow you to feed second Lace into spool hole.



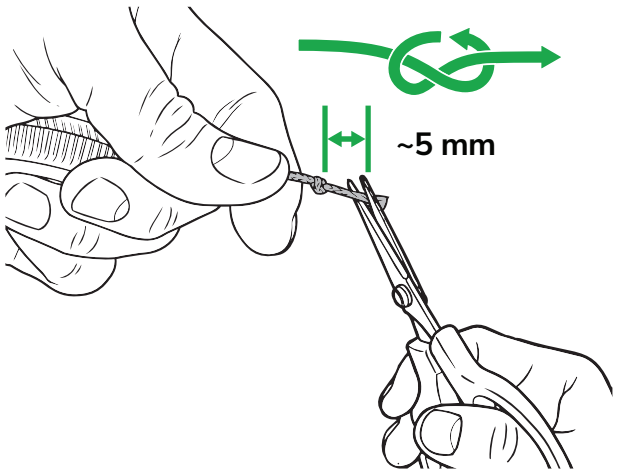
D. **Measure Lace at opposite end and mark length. Use only the amount of Lace needed to allow the device to fully expand. Excess Lace can interfere with proper functioning of the Reel.**



E. Feeding in the opposite direction of the first Lace, guide the second Lace end through the center spool hole, using the metal Lace Feeder.

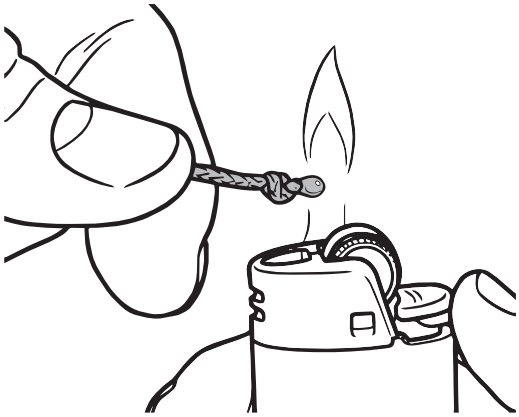


F. Tie second knot as close to the Lace end as practical. Then cut the Lace tail leaving **~5 mm** from knot to Lace end.

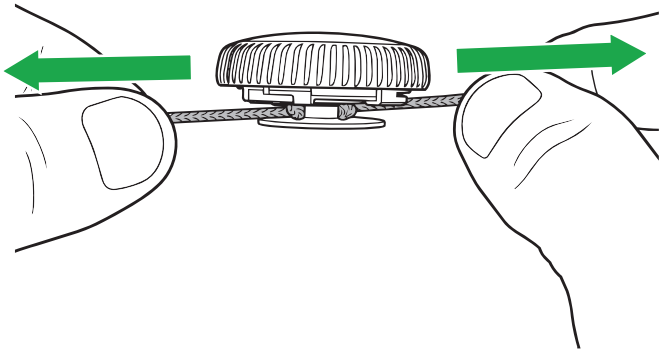


33 **CONTINUED - Lacing the C2 Power Reel™:** If lacing a C2 Duo Reel™, return to step 32. Or, if lacing is complete, proceed to step 34.

G. Melt the second tail down until the ball of melted Lace meets the knot, as you did on the previous lace end.



H. Pull on both Laces to retract the knots and seat them both tightly against the spool.

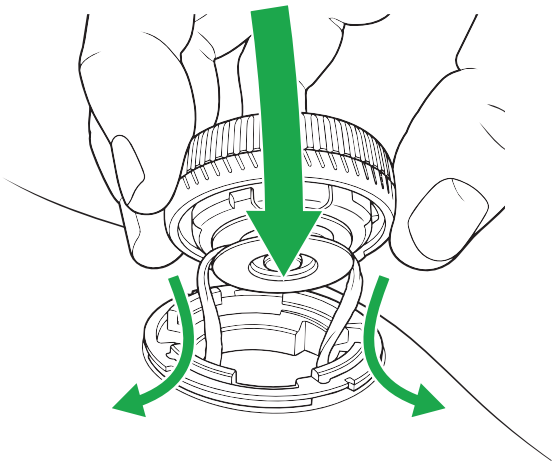


You've completed lacing of the C2 Power Reel™.
Proceed to the next step: Installing the Reel into the C2 Collar.

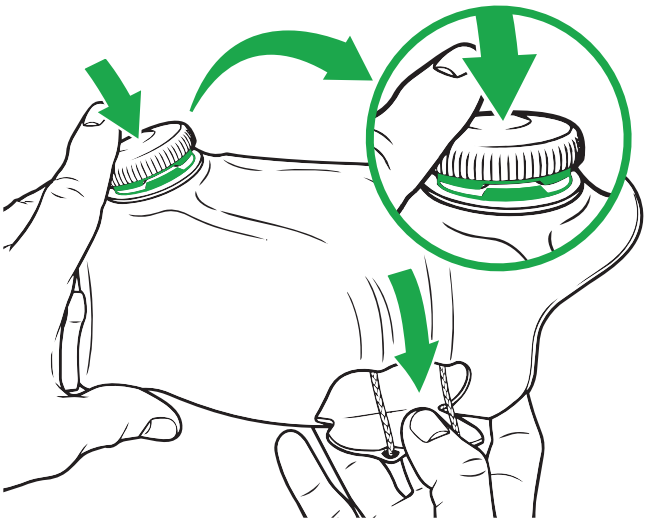
This needs a joke to put here.

(Get it? Hehe.)
Just kidding.

34 Remove excess Lace from adjustable areas in device, pulling Reel into the cavity. Ensure lace does not get caught or run under the spool.

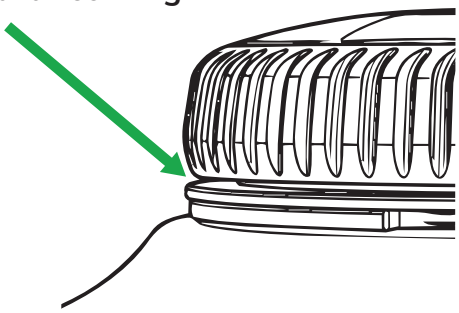


35 Align castle teeth on Reel with teeth on C2 Collar and fully seat Reel.



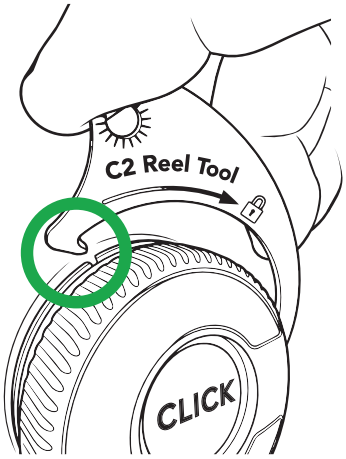
36 Confirm that there is a tight, even fit all around between dial and Lock Ring.

TIGHT, EVEN FIT ALL AROUND
between dial and Lock Ring.

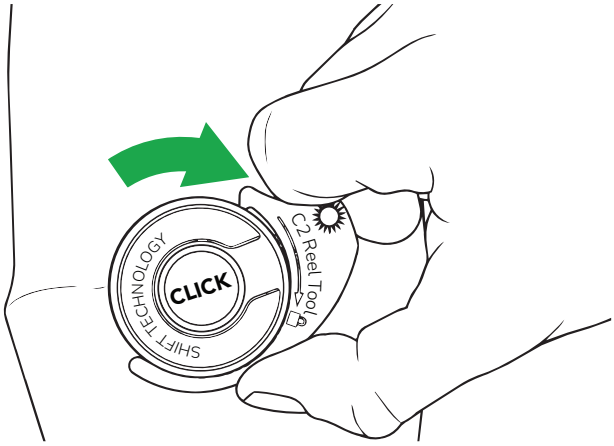


37 Orient C2 Reel Tool with “Lock” icon facing up. Then, insert tooth on C2 Reel Tool into one of four notches in Lock Ring.

C2 Reel Tool engages one of the four notches.



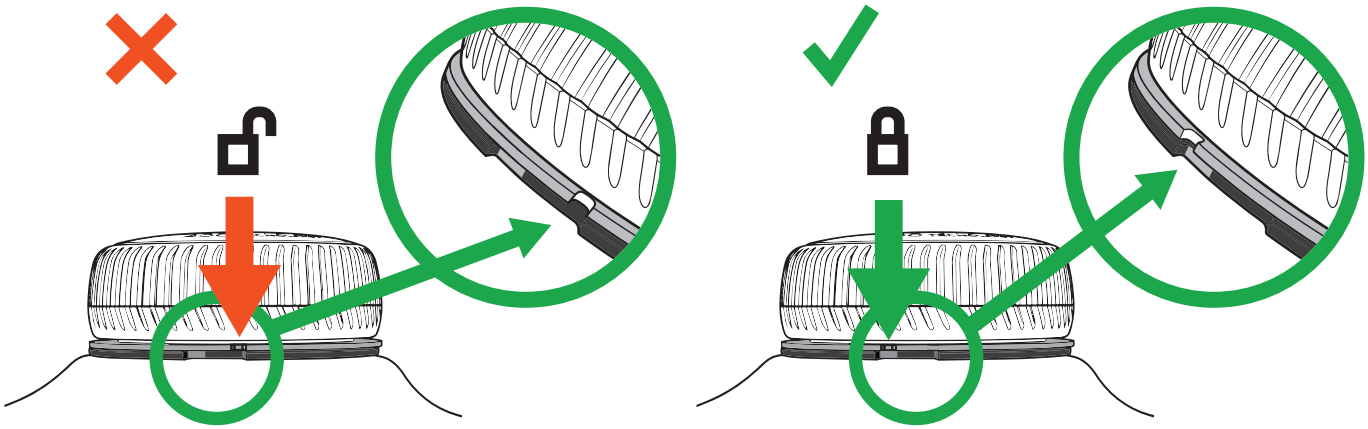
38 Rotate Lock Ring ~1/8th of a rotation clockwise to lock Reel into C2 Collar.



What does a prosthesis rental service do?

They lend a hand.

39 **Check that reel is locked into collar:** Visually check the Lock Ring notch is aligned with the silver mark on the C2 Collar. Ensure the Reel is locked in place by pulling up on the Reel.



---

40 **Cycle the Reel multiple times to confirm full functionality.**

C2 Duo Reel™:

1. Turn dial clockwise to take in Lace and counter-clockwise to release Lace. Test and confirm operation of both the lower Rapid Dial and the top Power Dial.
2. Fully release Lace by pushing in the quick release button.
3. Test operation multiple times and confirm that the Reel operates smoothly to both take in and release Lace.

C2 Power Reel™:

1. Turn dial to take in and release Lace. When spool is empty, dial can take in Lace by turning clockwise or counterclockwise. Lace is then released by reversing direction.
2. Test operation multiple times in both directions and confirm that the Reel operates smoothly to both take in and release Lace.

Great Job! You're done!

Don't forget to check out other innovative solutions from Click Medical:
https://clickmedical.co/