Advisory and Weight Limit

Must be installed by a professional trained in RevoFit™ fabrication.
Lace will wear. At minimum, inspect monthly and replace every 6 months.
Overtightening could reduce circulation.
Do not use on patients with nerve issues.
Keep lace away from open flame and sharp edges.
Limit patient weight to 100kg per system.
See advisories in other languages: clickmedical.co/advisories
Diagnostic Kit Contents:

- 6ft RevoFit™ Tubing
- High Power Boa® Reel
- Lace Feeder
- 7ft Lace
- RevoFit2™ Diagnostic Reel Base

Recommended Designs:

- **Below Knee**: 3-Panel Design or Symes Door
- **Above Knee**: 2-Dial System with Medial/Lateral Panels + Adjustable Strap

Recommended Suspension Solution:

- **Additional Kit Required**: RevoLock™ Lanyard Kit PK3000-220-05
Design Overview:

1. Determine location of panels or areas of adjustment.

2. Choose location of reel.

3. Choose lace route through lamination dummy.
   For inline routing, use port II and III.
   - Inline—mounted on panel
   - Inline—mounted on socket frame

   For remote routing, use port I and II.
   - Remote—mounted on socket frame
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Diagnostic Instructions:

1. Pull plastic.

2. Prepare socket for RevoFit™ components:
   a. Roughly sand socket.
   b. Draw in trim lines.
   c. Determine dial and panel locations.
   d. Roughly draw in tube guidelines.

3. Draw tube guidelines:
   a. Ensure that tube path crosses all panels with ¼ spacing rule.
   b. Ensure tubing remains perpendicular to panel edges.
   c. Don’t turn tubing until 1cm past any panel edge.

4. Mount reel base:
   Frame mount option: use ports I and II
   Panel mount option: use ports II and III

5. Peel backing paper and stick to check socket.

6. Glue on tubing:
   a. Glue on tubing according to the tube guidelines.
   b. Cut second end of tubing to length, plug and insert second end into dial base.

NOTE: Take photo of trim lines and panel locations now for reference after wrapping in cast tape.
Diagnostic Instructions (continued):

7. Wrap all parts of system in cast tape.

8. Mark location of the panels to be cut out.

9. Cut out the panels:
   a. Sand edges
   b. Clear tube holes
   c. Finish sanding exit holes by hand until smooth

10. Prepare reel base:
    a. Grind to remove dummy.
    b. Grind to top of plastic base. Do not damage reel base.
    c. 1. Trim tube ends to edge of reel base.
       2. Clear all debris.

11. Drill pilot hole to access tab to remove the reel:
    a. Locate inner location.
    b. Drill through lamination at an angle, creating a tunnel to access the pilot hole & release tab (2mm drill bit).
    c. Test and clear hole before installing reel.

IMPORTANT: Do not skip this step.

Hint: Immediatly follow with packaging wrap to ensure a tight bond and smooth finish.
Diagnostic Instructions (continued):

12 **Fabricate and install pads.**
Use pad thickness, material, and shape to refine pressure and fit.

- **Pad Material:**
  Medium density pads (shore: 35)

- **Pad Thickness:**
  Average 3/16” (4.75mm)

**INCORRECT:** Pad is too thin when panel is flush with socket.
![Incorrect image]

**CORRECT:** Pad is the correct thickness when panel sits above socket and is fit snug to patient.
![Correct image]

13 **Feed lace:**
   a. Starting at reel base, feed lace through socket.

   ![Feeding lace through socket]

   b. Feed lace through spool.

![Feeding lace through spool]

Note: Feed lace into the small hole and out the big hole. The knot lives in the big hole.

14 **Attach lace to reel:**
   a. Insert laces into smallest end of pass-through on spool. Tie double overhand knots on each end. Burn ends and seat knots into recess. Leave 8cm of lace on both ends before tying knots.

![Attaching lace to reel]

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  a. Starting at reel base, feed lace through socket.

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  Medium density pads (shore: 35)

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  Average 3/16” (4.75mm)

**INCORRECT:** Pad is too thin when panel is flush with socket.

**CORRECT:** Pad is the correct thickness when panel sits above socket and is fit snug to patient.

**Pad Shape:**
Slight convex shape allows for better application of pressure.

**Critical Distance:**
5-10mm

**Pad Shape:**
Slight convex shape allows for better application of pressure.

**Panel**

**Convex pad**

**Skive edges**

**Frame**

**Panel**

**Pad**

**Weak closure force**

**Good closure force**

**Critical Distance:**
5-10mm
Diagnostic Instructions (continued):

15 Insert reel into base, and turn counterclockwise 5mm to lock.

How to remove reel:

a. Open dial.
b. Use T6 tool to press inward on tab.
c. Simultaneously turn reel housing clockwise.

If no pilot hole, use vise grips to remove reel:

If you inserted the reel PRIOR to drilling an access hole, use vise grips to remove dial.

a. Locate release tab.
b. Lock onto housing of reel with needle-nose vise grips at tab location.
c. Rotate clockwise 5mm to remove.
Show us your socket!

Follow us to see other designs and gather great fabrication ideas.

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#RevoFit  #AdjustableSocket
Ready to adjust?

Start here: clickmedical.co/cya
Sign up for Click Medical’s CAN YOU ADJUST? Educational Series. Based on our innovative RevoFit™ adjustable technology, you will:

- Become a prosthetic adjustability expert.
- Get free check socket kits.
- Improve patients’ lives.
- Make more money.

“Providing a patient with adjustability empowers them to make minor adjustments themselves. This means we can see more new patients.”

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