

(4) Housings

(1) 2 mm Hex wrench

(1) 1.5 mm Hex wrench

(3) Velcro coins

(4) Balls

(2) Cables

Cable Replacement Kit

Step 2 - Remove femoral and tibial shell pads

Tibial shell pad

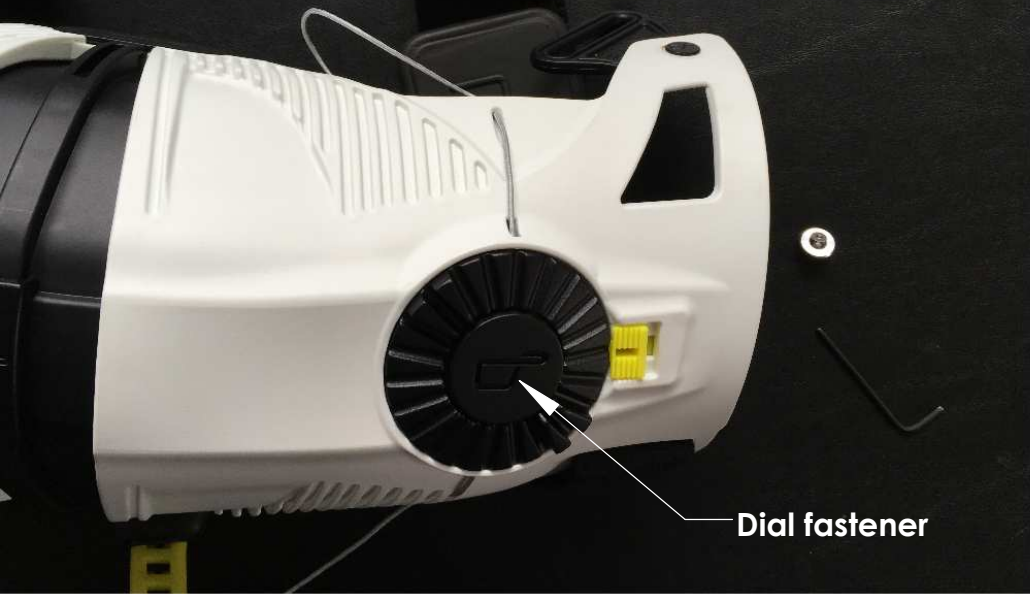
Femoral shell pad

Step 1 - Fully release cable

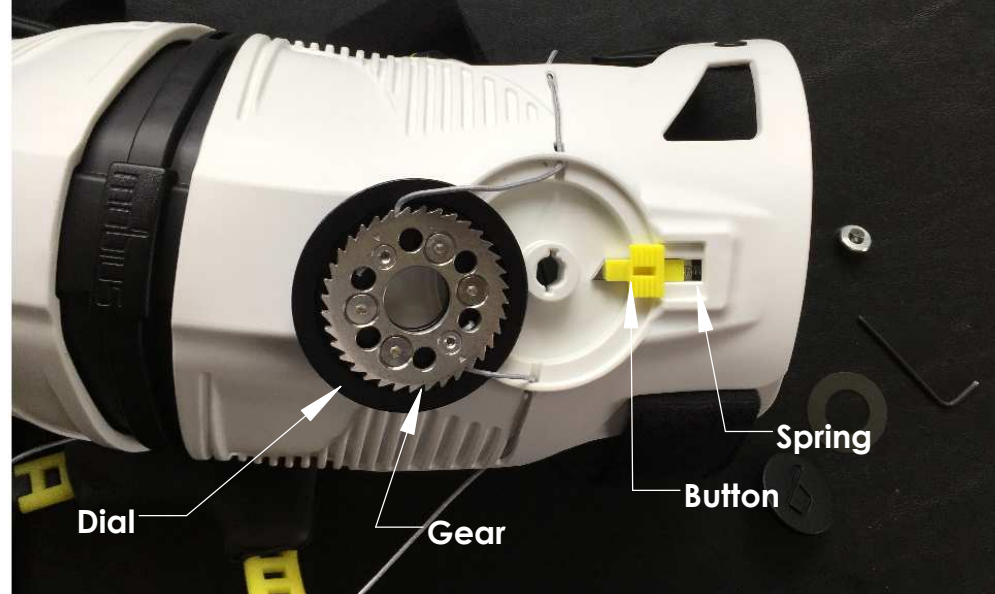
Step 3 - Remove dial fastener screw with 2 mm hex wrench

Dial fastener screw

Step 4 - Remove dial fastener

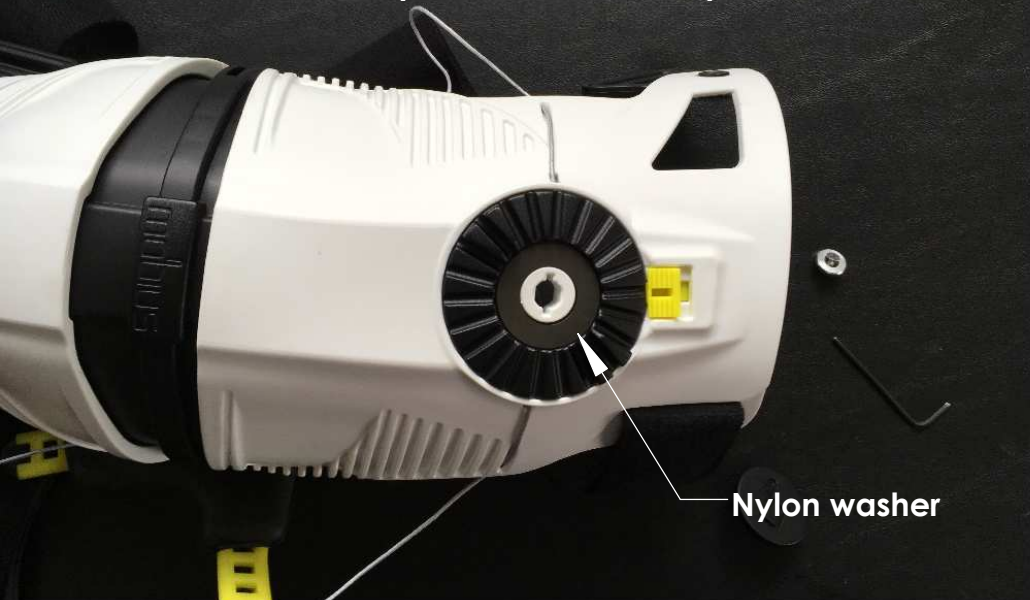


Step 6 - Pull out dial and gear and remove button and spring

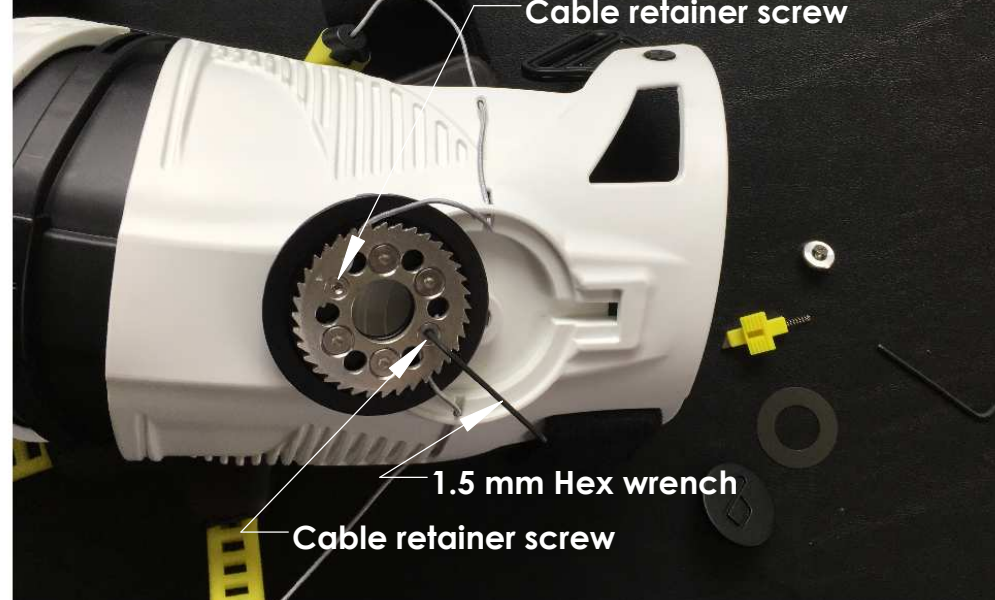


Step 5- Remove nylon washer

Note: Your braces may not come with a nylon washer



Step 7 - Loosen cable retainer screws with 1.5 mm hex wrench



Step 8 - Remove dial and gear



Step 10 - Remove cable



Step 9 - Remove tendon back plate



Step 11 - Push cable through hole in outside of fibial shell as shown



Step 12 - Loop cable and push through holes in tibial shell as shown



Step 13 - Pull cable to remove loop as shown



Note: Take care not to kink cable

Step 14 - Push cable through hole in tibial shell as shown



Step 15 - Push cable through hole in tibial shell as shown



Step 16 - Push cable through holes in tibial shell as shown



Step 18 - If your braces have (1) one hole in tibial shell, push cable through hinge plate as shown



Step 17 - If your braces have (2) two holes in tibial shell as shown, go to Step 20 on Page 6



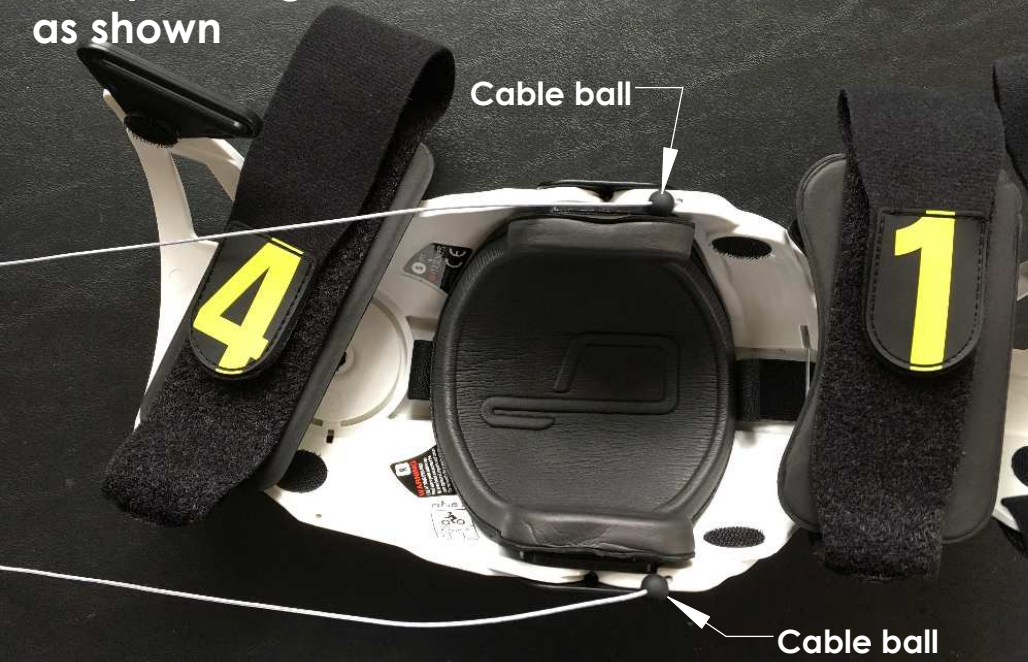
Step 19 - Pull ends of cable until both sides are of equal length, then slide on cable balls as shown. Skip from here to step 22 on page 6



Step 20 - If your braces have (2) two holes in the fibial shell, loop cable and push through hole in inside of fibial shell as shown



Step 21 - Pull ends of cable until both sides are of equal length, then slide on cable balls as shown



Step 22 - Remove old cable housings from tendon back plate as shown



If your braces came with cable balls skip to Step 26 on Page 7

Step 23 - If your braces came without cable balls, remove the end cap attachments and end caps from the two lower legs of the tendon back plate



Step 24 - Cut one segment off each lower leg of the tendon back plate as shown



Using a utility knife with razor blade cut against a hard surface as shown

Step 26 - Cut new cable housing to length as specified on page 13



Step 25 - Replace end caps and end cap attachments as shown



Step 27 - After cutting cable housings, open the ends with a ball point pen as shown. This will ensure the opening is round and not collapsed



Step 28 - Push cable through tendon back plate as shown



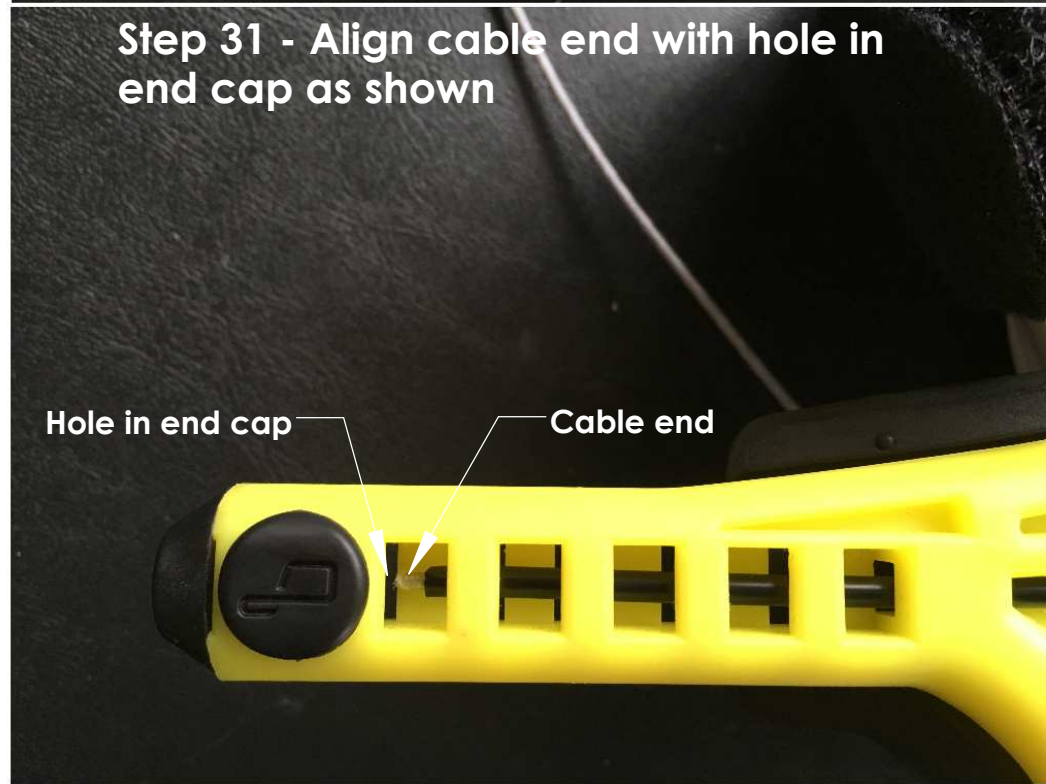
Step 30 - Push cable and cable housing through tendon back plate as shown



Step 29 - Push cable through cable housing as shown



Step 31 - Align cable end with hole in end cap as shown



Step 32 - While pressing on end cap push cable through end cap as shown

Hint: It helps to twist cable while pushing



Step 34 - Push other end of cable through tendon back plate as shown



Step 33 - Push cable housing through lower leg, and pull cable and housing back through tendon back plate as shown



Step 35 - Push cable through cable housing as shown



Step 36 - While pressing on end cap push cable through end cap as shown



Hint: It is helpful to twist cable while pushing

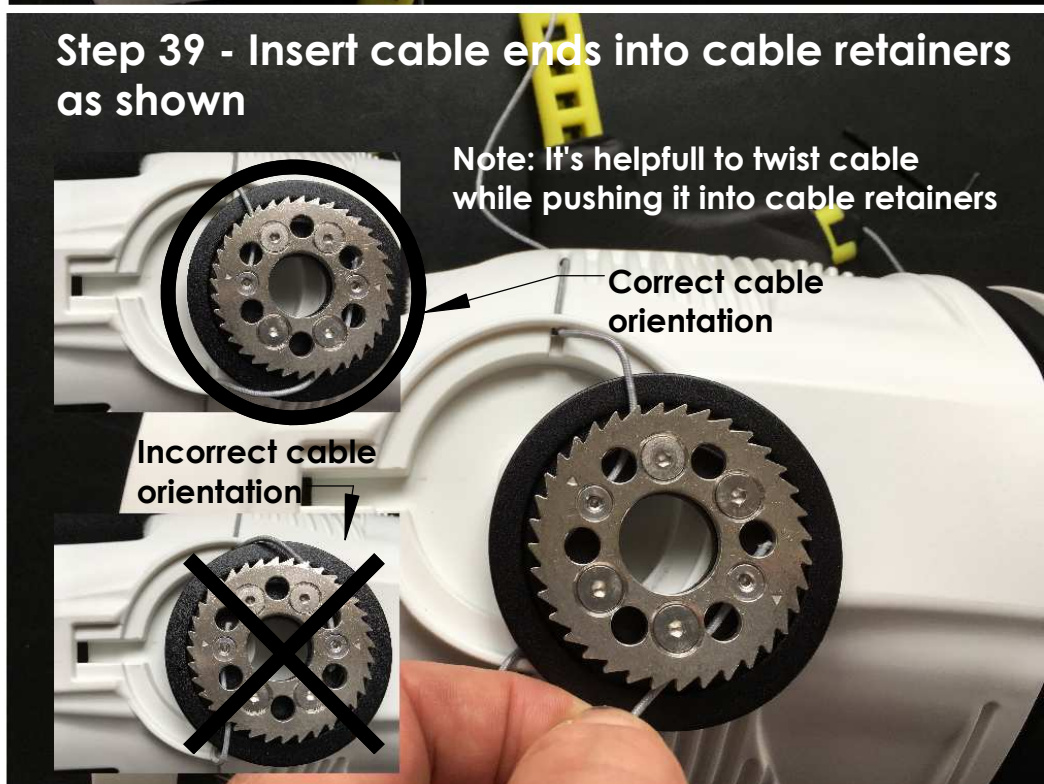
Step 38 - Push cable ends through holes in femoral shell as shown



Step 37 - Push cable housing through lower leg, and pull cable and housing back through tendon back plate as shown



Step 39 - Insert cable ends into cable retainers as shown



Step 40 - Tighten cable retainer screws with 1.5 mm hex wrench as shown

Cable retainer screw

1.5 mm Hex wrench

Cable retainer screw



Step 42 - While holding back button, pull on cables to bring dial and gear into place as shown

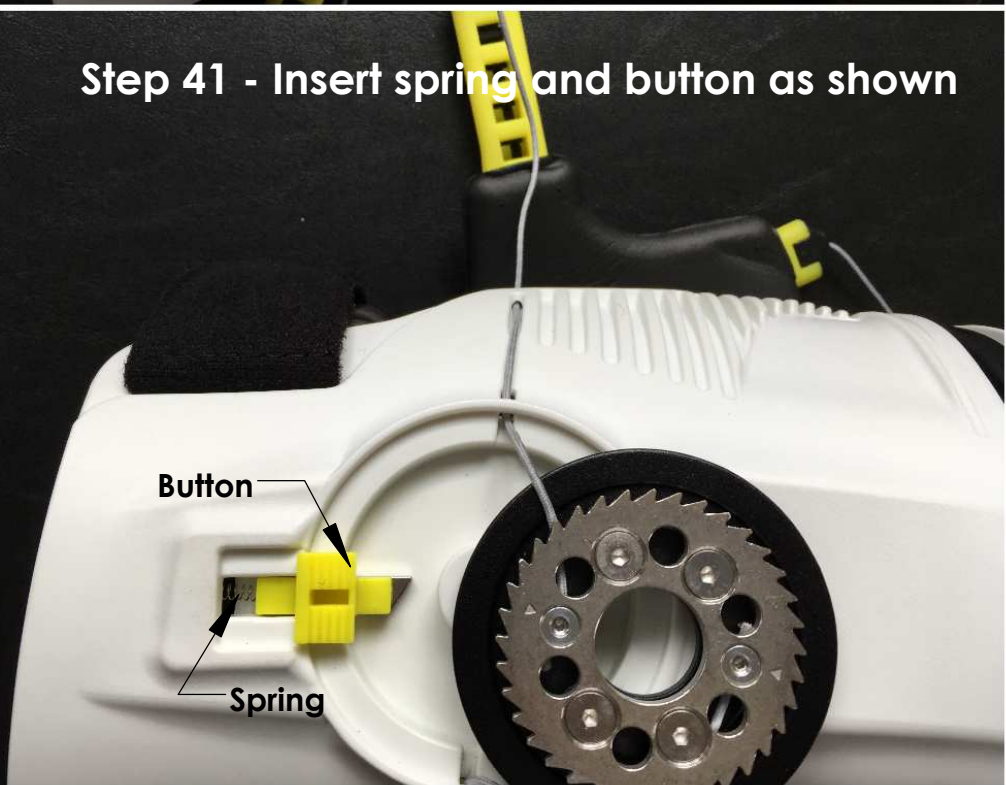
Dial and gear



Step 41 - Insert spring and button as shown

Button

Spring



Step 43 - Install nylon washer as shown

Note: Your braces may not come with a nylon washer

Nylon washer



Step 44 - Install dial fastener as shown



Step 46 - Install tibial and femoral shell pads



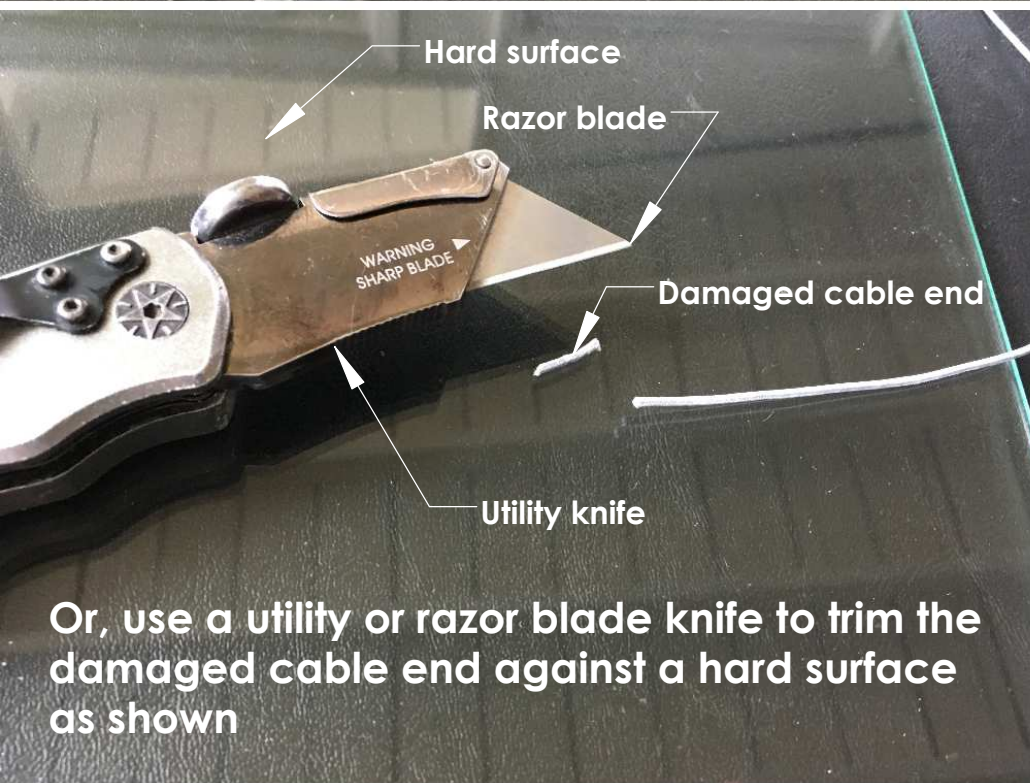
Step 45 - Reposition elastic tendon, dial fastener washer and screw, and tighten with 2 mm hex wrench as shown



Step 47- Turn dial and tighten cable, then loosen the cable and tighten it again. Do this a few times to make sure the brace is functioning properly



Tip: If the cable end becomes damaged while installing it, use bicycle cable cutters to trim the cable end as shown



Size

Length of cable housing

XX-Small	6 Inches (16 cm)
X-Small	7 Inches (18 cm)
Small	8 Inches (20 cm)
Medium	9 Inches (23 cm)
Large	10 Inches (26 cm)
X-Large	11 Inches (28 cm)
XX-Large	12 Inches (31 cm)