

User's Manual

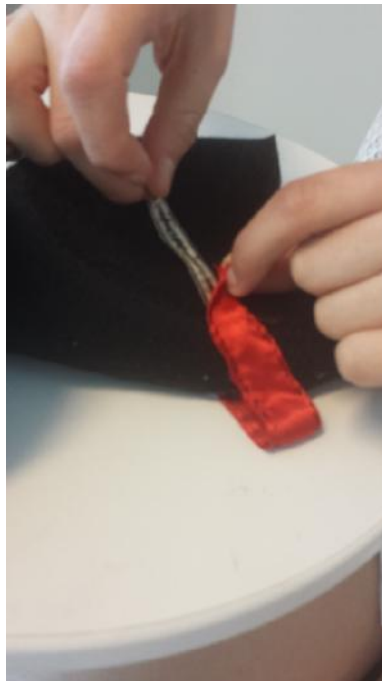


Assembling the Orthotic

1. Ensure lower component housing (LCH) is attached to the orthotic correctly, make sure the Velcro is vertically aligned so the housing is facing to the front of the orthotic.



2. Insert heel sensor into red ribbon with the lettering facing up, then secure with Velcro



3. Insert toe sensor into white ribbon, ensure the sensor is facing



4. Connect the un-tethered quarter inch tubing to the compressed air tank.



5. Place the UCH and compressed air tank into the back pack, ensure the cabling is facing out of the backpack toward the same direction as the leg you are wearing the orthotic on
6. Zip the back pack shut.

Applying the Orthotic

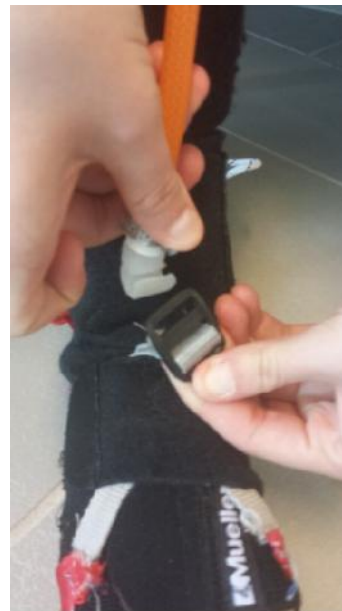
1. Make sure the orthotic is properly assembled before applying it
2. Open the orthotic and place the heel of your foot into the hole of the orthotic, reference the foot picture on the orthotic. Also ensure the toe sensor ribbon is laying flat along the bottom of the orthotic.



3. Pull the Velcro straps across your leg, securing the orthotic to your foot and apply the top strap.



4. Take the McKibben muscle and slide the top end into the upper attachment then clip the hooked end into the black clip on the grey straps, tighten the strap to your liking.



5. Open the backpack then remove and open the UCH
6. Turn on the 12V and 9V batteries, close the UCH and place it into the backpack. the on off switches are circled below.



7. Turn on the valve of the compressed air tank
8. Zip the backpack shut and place on back

Removing the Orthotic

1. Do the applying orthotic steps in reverse

Refilling the Air Tank

1. Make sure the system is empty of all pressurized air. To do this use the orthotic until the muscle does not flex anymore.
2. open the backpack and remove the compressed air tank.
3. Turn off the valve and remove the push to connect hosing
4. Bring the air tank to a paint ball facility to be filled.
5. After the tank has been filled, connect the hosing and turn on the valve
6. Place the compressed air tank back into the backpack and zip it shut

Washing the Orthotic

1. Disconnect all hosing and wiring.
2. remove the LCH from the orthotic
3. Remove the sensors from the orthotic
4. Remove the muscle
5. Wash on delicate setting then hang dry