

nexo™

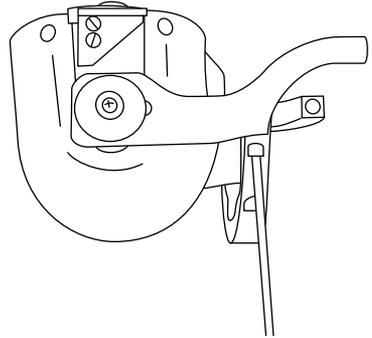
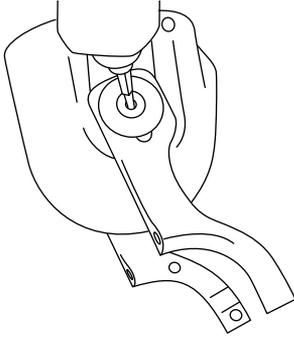
Transhumeral Product Manual

Patent pending

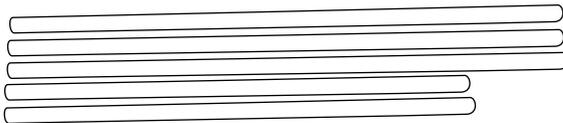
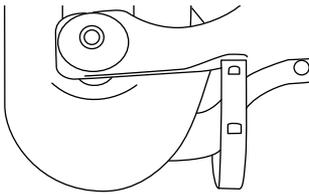
*Fillauer*®

# Transhumeral Fabrication Instructions

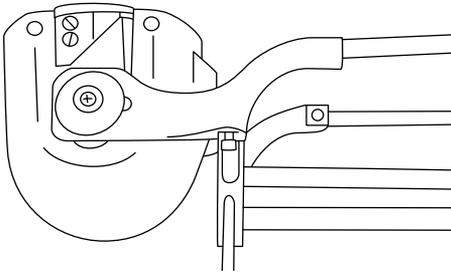
1. Unlock elbow unit and ensure it is in the fully extended position.
2. Attach the saddle uprights to the elbow unit. Then attach upright connector to the saddle uprights.



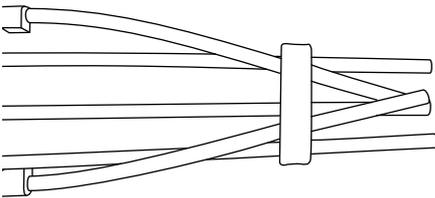
3. Determine desired length of forearm measured from elbow axis to distal end of wrist unit.
4. It is a good idea to leave the PEEK rods a couple of inches longer than desired finished length until patient fitting is performed. This allows for angle and length adjustments. PEEK rods can be cut to length using a hacksaw. The two anterior PEEK rods need to be approximately 1 ¼ in. shorter than the three posterior rods.



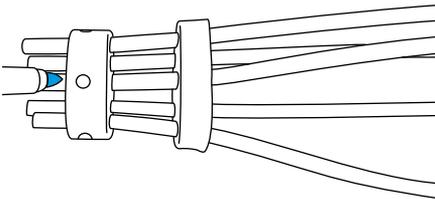
5. Place PEEK rods into saddle assembly and tighten attachment screws to 20 in·lb.



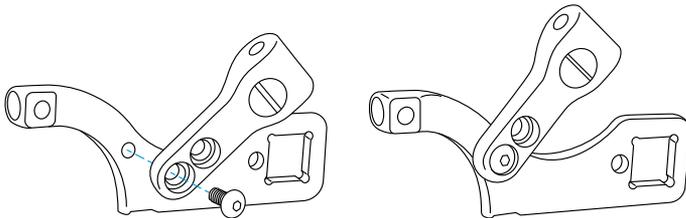
6. Slide damping ring over PEEK rods and then temporarily attach wrist unit.



7. Once the definitive length and angles are determined during patient fitting, mark PEEK rods at the distal end of the wrist unit. Remove wrist unit and then trim excess material away.



8. Re-install wrist unit and tighten attachment screws to 20 in·lb.



9. The provided lift tab is sized for heavy duty housing with Teflon liner and standard cable. It is to be installed in the lateral saddle

upright using the drilled and tapped hole on the medial side with the fastener provided.

- If the tab needs to be moved from the medial to lateral side due to interference from a larger socket, a 1/16 drill bit can be used to drill through the thin lateral wall of the upright and a counter sink can be used on the lateral surface to expose the thread. This assures the best cosmetic finish for the device.
- After the location of the cable housing is determined, use Loctite® 242 and tighten the superior Chicago screw until the star washer underneath firmly grasps the cable housing.

## NEXO Replacement Parts

Model	Description
158280	NEXO Quick Disconnect Wrist, Transhumeral 1/2-20
158281	NEXO Wrist Adapter Ring, Transhumeral
158282	NEXO Friction Wrist, Transhumeral
158162	PEEK Rod, 1/4 × 12 in., Transhumeral
158520	NEXO E-Series Saddle Upright RH
158521	NEXO E-Series Saddle Upright LH
158522	NEXO E-200 Upright Connector
158523	NEXO E-400 Upright Connector
158525	NEXO Lift Tab
158290	NEXO 5-Rod Damping Ring
880092	Screw 6-32 × 1/4 in.
880102	Set Screw, 10-32 × 3/16 in.

## Warranty

12 months from date of patient fitting

*Fillauer*®

[www.fillauer.com](http://www.fillauer.com)

### Fillauer LLC

2710 Amnicola Highway  
Chattanooga, TN 37406  
423.624.0946  
Fax 423.629.7936



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