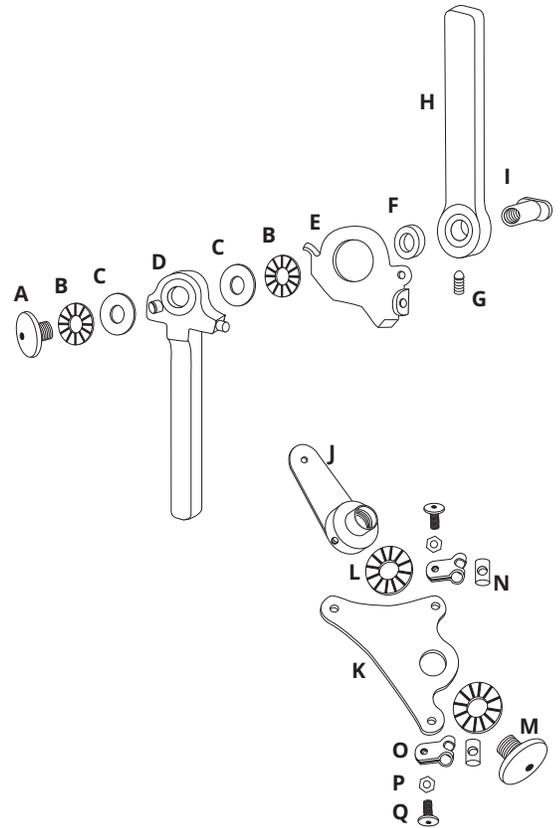


Horizontal Cable RGO Assembly Instructions

Notice: The following instructions assume you are experienced with the fabrication of RGO's. If you are not, or if you need additional assistance, please contact Fillauer LLC and request the technical manual "Reciprocating Gait Orthosis: A Pictorial Description and Application Manual." Fabrication courses are also available.

RGO Assembly

1. Insert joint nut (I) into upper hip joint bar (H) on slotted side of bar.
2. Lube spacer (F) and then slide onto end of joint nut (I).
3. Slip coupling plate (E) onto spacer (F), making sure flat side of plate is against bar (see figure).
4. Lube thrust bearing (B) and slide onto end of joint nut (I).
5. Slide thrust race (C) and place it into counter bore area of lower bar assembly head (D).
6. Place flat side of lower bar assembly (D) onto end of joint nut.
7. Lube thrust race (C) and place it into counter bore area of lower bar assembly head (D).
8. Place remaining thrust bearing (B) on top of thrust race (C).
9. Coat threads of joint screw (A) with Loctite #242 and screw into joint nut (I) until it reaches bottom, then turn joint screw (A) an additional one-quarter turn. Some additional adjustments may be needed to eliminate any "play" between the upper and lower bar assemblies and to ensure that bars rotate freely without binding.
10. Coat threads of set screw (G) with Loctite #242 and then screw into upper hip joint bar (H) to secure joint screw (A).



Rocker Arm Assembly to RGO

11. Lube flat circular area around outside of spindle on rocker arm base (J) and lube one side of thrust bearing (L).
12. Slide un-lubed side of thrust bearing (L) onto spindle area of rocker arm base (J).
13. Place rocker arm (K) onto spindle area of rocker arm base (J).
14. Lube area around opening in rocker arm (K) and place un-lubed thrust bearing onto rocker arm (K) at spindle location.
15. Coat threads of joint screw (M) with Loctite #242 and screw into rocker arm base (J).
16. Coat threads of set screw that is located on side of rocker arm base (J) with Loctite #242 and tighten to secure joint screw (M)
17. Attach swivel couplings (O) to each side of rocker arm (K) with the provided screws (P) and nuts (Q).

Fillauer®

www.fillauer.com

Fillauer LLC

2710 Amnicola Highway
Chattanooga, TN 37406
423.624.0946
Fax 423.629.7936



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