

Assembling the Wrist Disarticulation Myoelectric Hand

There have been a lot of questions lately about how to correctly assemble the Wrist Disarticulation Myoelectric Hand. This Academy Tech Tip provides step-by-step instructions.

Figure 1 provides an exploded view of the hand chassis to help determine orientation of components for assembly.



Step 1 - Place friction ring (Fig. 1, 1.3) on hand chassis (Fig. 1, 1.1) so serrations line up. Make sure the built in rubber gasket is placed toward the hand chassis.

Step 2 – Place 4 plastic spacing washers (1.4) into groove of the friction ring (Fig. 1, 1.3).

Step 3 – Place O-ring (Fig. 1, 1.5) on the lamination ring (Fig. 1, 1.2).

Step 4 – Start to thread lamination ring (Fig1, 1.2) onto hand chassis (Fig1, 1.1). Be very careful not to cross thread the lamination ring (Fig. 1, 1.2) to the hand chassis.

Step 5 - Once the lamination ring (Fig. 1, 1.2) has started to thread onto the hand chassis (Fig.1, 1.1), use the 709H1 Spanner wrench (Fig. 2) to turn the friction ring (Fig. 1, 1.3). It will turn the threaded portion of hand chassis to secure it to the lamination ring.

Warning: Keep the hand and forearm from rotating when securing with the Spanner wrench. This will prevent the cable from becoming damaged or twisted.



Fig. 2 This is a picture of the older version of the spanner wrench (709H1)



Fig. 3 This shows the newer version (706Z10) Pincer to be used with the black plastic friction ring (1.3) of the Greifer.

Please contact our Product Support Specialty Team at 800.328.4058 with any questions.