

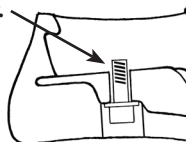
## IMPORTANT INFORMATION CONCERNING THE EARTHWALK™ 2 ANKLE

### Please read thoroughly before using the Earthwalk 2 Ankle.

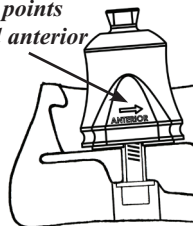
#### Installation and Alignment

The Earthwalk 2 Ankle provides an extremely natural loading pattern and a high level of response for the amputee. The goal of this ankle is to provide the amputee not only the desired motion, but also the feeling of feedback associated with the human foot. In order to achieve the optimum level of performance, Ohio Willow Wood recommends the alignment procedure specified in Steps 4 through 8.

*Bolt should extend at least .393 (10mm) but no more than .512" (13mm) above the foot.*



*Arrow points toward anterior*



1. Insert the M10 x32mm foot bolt and lock washer that were included with the ankle into the foot, and check to make sure that the bolt extends at least .393 (10mm) but no more than .512" (13mm) above the foot. If the bolt is too long, then it will bottom out in the ankle before it can be properly tightened; if the bolt is too short, then the threads could strip. In either case, failure could result.

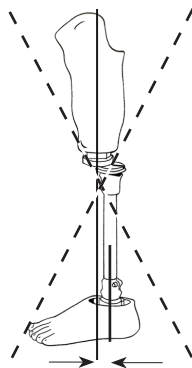
**Note: if using a non-Ohio Willow Wood foot with an Earthwalk 2 Ankle, order the longest available 10mm foot bolt from Ohio Willow Wood, and cut the bolt to the appropriate length as indicated above.**

2. Place the Earthwalk 2 Ankle onto the foot so that the arrow underneath the word "Anterior" on the ankle is pointing toward the anterior direction, and so that the ridge on the bottom of the ankle fits into the slot on the top of the foot.

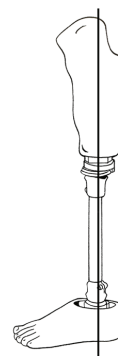
**Note: The Earthwalk™ 2 Foot has a slot on top of the foot to accommodate the ankle. If using another manufacturer's foot, check to see whether the foot has a slot on the top that is at least 1/16" (1.5mm) deep and 3/32" (2.1mm) wide. If not, install the fiberglass Interface Plate (included with each Earthwalk 2 Ankle) between the ankle and the foot so that the ridge on the bottom of the ankle fits into the slot on the top of the Interface Plate. If using the Earthwalk 2 Foot or any other foot with a slot on top that is 1/16" (1.5 mm) deep and 3/32" (2.1 mm) wide, then the interface plate should not be used.**

3. Apply Loctite 242 Removable Threadlocker (or equivalent) to the foot bolt. Insert the bolt through the foot and into the ankle, and tighten the foot bolt to 30 ft-lbs (41Nm).
4. Begin with a standard bench alignment, but slide the foot and ankle 1/4" to 1/2" (6 to 13mm) in the anterior direction from where the foot and ankle would normally be in a traditional alignment. 3/8" (10mm) in the anterior direction is a good starting point.

*Standard Alignment  
(center of ankle  
1/4 - 1/2" posterior  
to midline of socket)*



*Recommended  
Earthwalk 2 Ankle  
Starting Alignment  
(center of ankle in  
line with midline of  
socket)*



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5. Complete a dynamic alignment, including slide, to achieve the optimal alignment for the amputee.
  6. Allow the amputee to walk for 15 to 30 minutes, especially on ramps and uneven surfaces.

**Note: It is not unusual for the amputee to initially feel that the foot or ankle might be somewhat stiff. Do not instantly assume that the foot or ankle is too stiff for the patient, and do not dorsiflex the foot or slide the foot in a posterior direction. Only after 15 to 30 minutes of walking will the amputee be able to fully appreciate and evaluate the performance of the foot and ankle, and the placement of the foot with respect to the socket or shin.**

7. Ask the amputee for feedback. If the amputee feels that there is too much energy return, slide the foot slightly posterior. If the amputee feels that there is not enough energy return, slide the foot slightly anterior. An adjustment of 1/4" (6mm) should make a noticeable difference.
8. If the amputee still feels that the toe does not feel smooth, you may need to select a foot with a softer toe. Please call an Ohio Willow Wood certified prosthetist at 877-699-2574 or 740-869-3377 for assistance.

### **Maintenance**

There is no required maintenance for the Earthwalk 2 Ankle. During annual check-ups, simply check to make sure that the foot bolt is still torqued to 30 ft-lbs (41Nm), and visually inspect the ankle for structural integrity.

### **Warranty**

Ohio Willow Wood warrants each Earthwalk 2 Ankle from the date of purchase for a period of one year against defects in materials and workmanship (allowing three weeks for installation). A product returned during the warranty period will be evaluated and repaired or replaced at Ohio Willow Wood's discretion. Use of the Earthwalk 2 Ankle for amputees whose adjusted body weight is more than 250 pounds (115 kg) or who engage in extremely high and abusive activities is against Ohio Willow Wood's recommendation and will void the one-year warranty. Adjusted body weight is defined as the weight of the amputee plus any loads normally carried by the amputee. "Extremely high and abusive activities" are defined as activities such as skydiving, karate, and judo; activities that could result in an injury to an individual's natural foot; and activities that expose the prosthesis to corrosives such as salt water.

### **Warranty Disclaimer**

Ohio Willow Wood warrants that each product manufactured will, at the time of delivery, be of workmanlike quality and substantially free of defects. **OHIO WILLOW WOOD MAKES NO OTHER WARRANTY, IMPLIED, OR EXPRESSED, AND MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** This warranty shall terminate immediately upon an action to combine our products with other materials or in any manner to change the nature of our products. The sole remedy is replacement of the products or credit for the products. Ohio Willow Wood's liability shall not exceed the purchase price of the product. **Ohio Willow Wood shall not be liable for any indirect, incidental, or consequential damage.**

### **Ohio Willow Wood Retention of Rights**

Ohio Willow Wood retains all intellectual property rights reflected or incorporated in its physical products, regardless of the transfer of the physical products to another party or parties.

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