

ASSEMBLY INSTRUCTIONS FOR THE OWW ENDOSKELETAL SINGLE AXIS FOOT

Please read instructions thoroughly before assembling.

Components included with the Single Axis Foot:

- 1 Ankle Pin
- 2 Pin Hole Plugs
- 2 Ankle Joint Bushings (factory installed on the foot)

Components to be ordered separately:

- 1 Endoskeletal SA Ankle (includes pre-installed Ankle Pin Retaining Screw)
- 1 Anterior Deflection Bumper: soft (blue), medium (black), or firm (white)
- 1 Posterior Deflection Bumper: soft (yellow), medium (green), or firm (red)

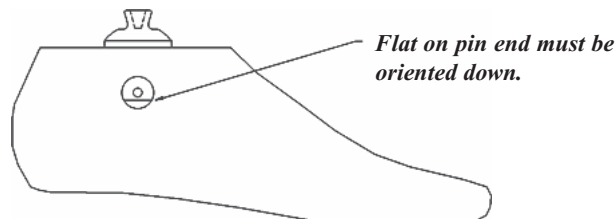
Additional materials needed: Rubatex Adhesive or equivalent

1. Place the 1.5" (38mm) long Posterior Deflection Bumper onto the rivet at the rear of the foot.
2. Place the 1" (25mm) long Anterior Deflection Bumper onto the rivet at the front of the foot.
3. Place the Endoskeletal SA Ankle on top of the foot and Deflection Bumpers so that the thicker end of the ankle is located anteriorly. Push the Endoskeletal SA Ankle down so that the hole in the Endoskeletal SA Ankle lines up with the holes in the sides of the foot.
4. Insert a 4mm Allen wrench into the hex head on the end of the Ankle Pin.
5. Holding the Allen wrench so that the flat surface on the Ankle Pin is facing down, insert the Ankle Pin into the foot through either one of the holes in the sides of the foot. Rotate pin with wrench until end of pin appears as shown in the diagram below.
6. Insert a 4mm Allen wrench through the hole in the bottom of the foot into the hex head of the Ankle Pin Retaining Screw.
7. Tighten the Ankle Pin Retaining Screw against the flat surface of the Ankle Pin. Torque to 5 ft-lbs (7 Nm).

Caution: Tightening the Ankle Pin Retaining Screw higher than 5 ft-lbs (7 Nm) may damage the screw.

8. Check the pin tightness by inserting the 4mm Allen wrench into the hex head of the Ankle Pin and wiggle the wrench. If the Ankle Pin moves, then the Ankle Pin Retaining Screw has not been firmly tightened against the flat surface of the Ankle Pin, and must be re-tightened.
9. To change the Deflection Bumpers:
 - a. Loosen the Ankle Pin Retaining Screw three turns through the hole in the bottom of the foot.
 - b. Press the Ankle Pin out of the foot.
 - c. Lift off the Endoskeletal SA Ankle.
 - d. Remove one or both Deflection Bumpers and repeat Steps 1 - 8.
10. Once alignment has been achieved, insert the two Pin Hole Plugs into the holes on the sides of the cosmesis and secure them with Rubatex or a similar contact cement.
11. Sand the Pin Hole Plugs until they are flush with the foot cosmesis.

Note: If the two Ankle Joint Bushings in the keel need to be replaced, use the Ankle Pin to press them out of the keel. Replace them with new Ankle Joint Bushings (Part No. SAF-00120).



OHIO WILLOW WOOD®

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15441 Scioto Darby Road

Mt. Sterling, OH 43143

phone 740.869.3377 / 800.848.4930

fax 740.869.4374 www.owwco.com



Ohio Willow Wood Company B.V

Keizersgracht 62/64

1015 CS Amsterdam

The Netherlands



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