

Foundation System Stainless Steel AK Rotatable Pyramid Receiver/Adapter Instructions

WHAT'S IN THE BOX

One of the following:

Stainless Steel AK Rotatable Pyramid Receiver (FND-268000)

Stainless Steel AK Rotatable Pyramid Adapter (FND-268001)

Lamination Plug

Instructions

ADDITIONAL MATERIALS REQUIRED

1" (2.5 cm) wide carbon tape

3" (76 mm) wide carbon tape

Petroleum jelly or paste wax, putty, masking tape (optional)

MODIFYING AN AK ROTATABLE PYRAMID RECEIVER OR ADAPTER

The shape of the three prongs may be adjusted with "bending bars" or other appropriate tools (vise grips, etc.) if desired to achieve a closer fit to the shape of the socket.

INSTALLATION

For use with an existing socket

1. Thread 1" (2.5 cm) wide carbon tape through the holes in each of the three prongs of the AK Rotatable Pyramid Receiver or Adapter.
2. Remove the M6 x 25 clamp bolt and the Pyramid Receiver or Adapter.
3. Temporarily attach the 3-pronged base to the existing socket in the desired orientation, placing the 1" wide carbon tape alongside the socket.
4. Apply petroleum jelly or paste wax to the threads of the the Lamination Plug, and insert the Lamination Plug into the center of the 3-pronged base to prevent resin from entering during lamination. Apply petroleum jelly or paste wax to the threads of the clamp bolt, and reinstall the clamp bolt. Hand-tighten the clamp bolt, and cover the clamp area with masking tape or putty. Fill the hex on top of the Lamination Plug with putty.
5. Cut two 12" (300 mm) lengths of 3" (76 mm) wide carbon tape.
6. Cut a 2" (50 mm) long slit along the midline of each strip of carbon tape at the middle of its length.
7. Place the strips of carbon tape on the adapter so that the center of the 3-pronged base protrudes through the slits. Orient one strip of tape A-P and the other M-L. Each strip of tape should make contact with at least 1" (2.5 cm) of socket wall that has been prepared for relamination in the standard manner.
8. Pull the desired layup down over the socket.
9. Tie off the layup at the base of the 3-prong base.
10. Pull the remainder of the layup down to create a double layer of stockinette over the socket. Make sure that all of the carbon tape stays underneath the layup.
11. Laminate the socket. While the lamination is still warm, remove the masking tape from the 3-pronged base.
12. Reattach the Pyramid Receiver or Adapter, making sure that it is fully engaged. Reinstall the M6 x 25 clamp bolt.

For use with a new socket

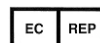
Begin by applying the desired layup. Before pulling the rest of the desired layup over the cast, apply the AK Rotatable Pyramid Receiver or Adapter and laminate using the above procedure.

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PN-1456-F 06 JUN 2013

MAKING ROTATIONAL ADJUSTMENTS

1. Loosen the M6 x 25 clamp bolt.
2. Rotate the Pyramid Receiver or Adapter to the desired position. For the Pyramid Receiver, it may be necessary to screw the setscrews far enough into the Receiver to allow the desired amount of rotation.

Note: Be careful not to rotate the Pyramid Receiver or Adapter more than a quarter turn from full engagement. Loosening the Pyramid Receiver or Adapter too much can cause it to become disengaged from the base of the adapter.

3. Apply Loctite 242 (or equivalent) to any setscrews that were loosened, and tighten the setscrews to 11 ft-lbs (15 Nm).
4. Apply Loctite 242 (or equivalent) to the M6 x 25 clamp bolt and tighten the screw to 9 ft-lbs (12 Nm).

WARRANTY

The warranty for AK Rotatable Pyramid Receivers and Adapters is one year from the date of invoice. Use of an AK Rotatable Pyramid Receiver or Adapter for amputees whose adjusted body weight is greater than 250 lbs (115 kg) or who engage in extremely high and abusive activities is against WillowWood's recommendations and will void the one year warranty. Adjusted body weight is defined as the weight of the amputee plus any loads carried by the amputee. "Extremely high and abusive activities" are defined as activities such as skydiving, karate, and judo; activities that could result in injury to an individual's natural limbs; and activities that expose the prosthesis to corrosives such as salt water.

WARRANTY DISCLAIMER

WillowWood warrants that each product manufactured will, at the time of delivery, be of workmanlike quality and substantially free of defects. WILLOWWOOD 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. WillowWood's liability shall not exceed the purchase price of the product. WillowWood shall not be liable for any indirect, incidental, or consequential damage.

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