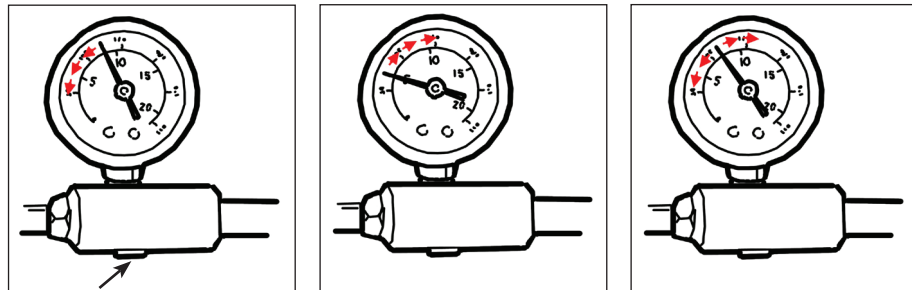


7

Pneumatic Heel Spring Adjustment with Air Pump



If you observe, and the amputee confirms, that the pneumatic heel spring is too soft or too stiff, adjust accordingly until you observe balance and the amputee confirms.

Record that pressure on the amputee's record.

8

Using Loctite 242 Removable Threadlocker (or equivalent), tighten all adjustment points according to the following torque values:

A/P slide adjustment setscrew:	7.7 Nm	68 in-lbs
Toe-out adjustment screw:	24.4 Nm	216 in-lbs

Permanent Adjustments

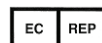
9

After the amputee has walked with the Pathfinder II for at least a week, review steps 6 and 7.

Make certain the amputee understands that each time the pneumatic heel spring pressure is checked, 3-5 psi (.2-.35 bar) may be lost during disconnection.



provided by
OHIO WILLOW WOOD®
free the body...free the spirit®
 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



U.S. Patents 6,602,295 and 6,863,695
 International Patents Pending

PN-1381-F 13 AUG 2009



Pathfinder® II

Quick Reference Guide

This guide is intended to provide you with an overview of the recommended techniques for using the Pathfinder II. A detailed set of instructions is included in the *Pathfinder II Instruction Manual*, which is available upon request from Ohio Willow Wood.

Suggested Tools for Alignment —

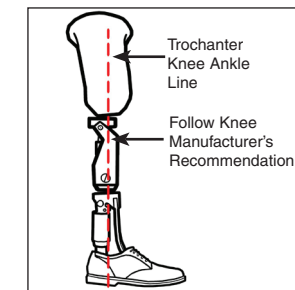
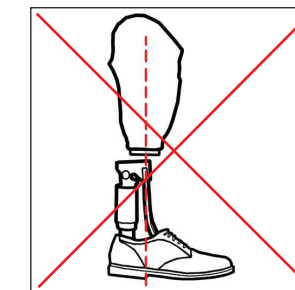
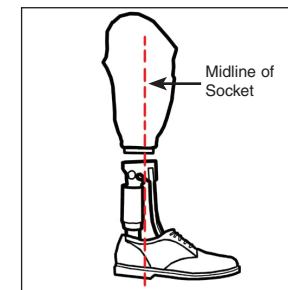
- Torque wrench
- Loctite Removable Threadlocker 242 (or equivalent)
- 3, 4, 5mm Hex wrench



Before Putting the Prosthesis on the Amputee

1

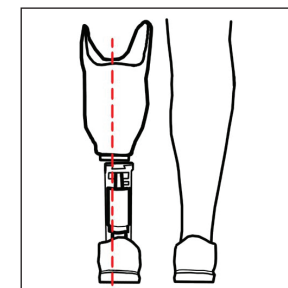
Anterior/Posterior Positioning



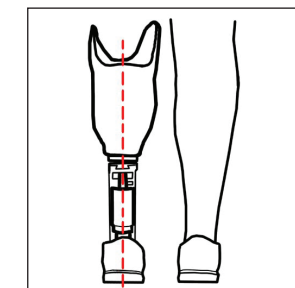
For above knee amputees

2

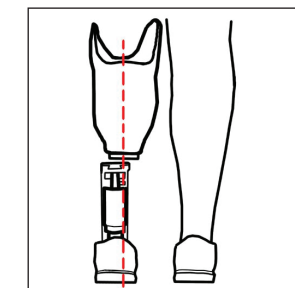
Medial/Lateral Positioning



Traditional lateral alignment



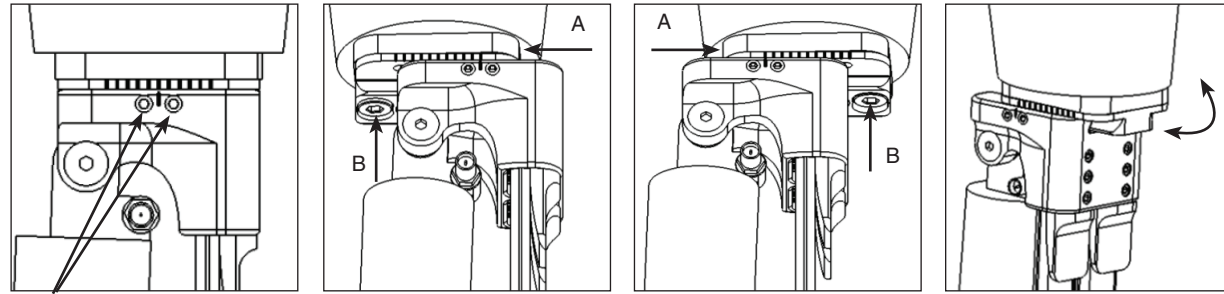
Centered



Lateral alignment for active amputees

Before You Walk The Amputee: Static Alignment

3 Check overall height of prosthesis. Then adjust foot rotation as shown.



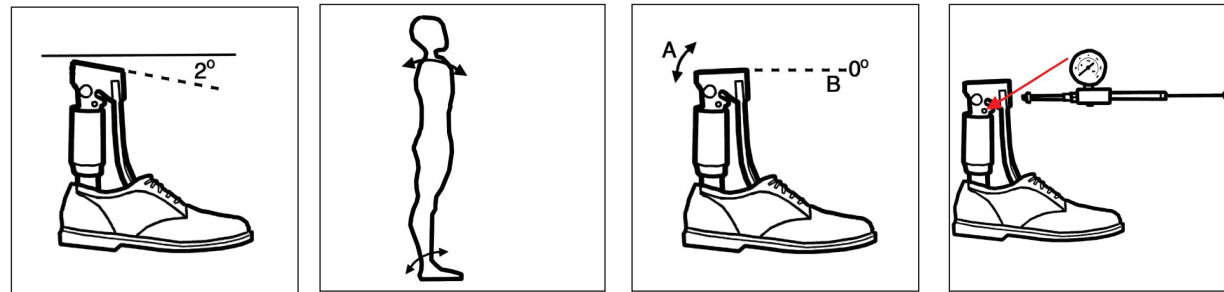
Mark position of slide, then loosen both slide adjustment screws.

(A) Slide foot forward.
(B) Loosen toe-out screw 1/2 turn.

(A) Slide foot backward.
(B) Loosen toe-out screw 1/2 turn.

Rotate Proximal Adapter. Return slide to mark. Re-tighten screws.

4 Posterior Pneumatic Spring Neutral Setting



When Pathfinder II carries no weight

Ask the amputee to stand tall without bending the knees.

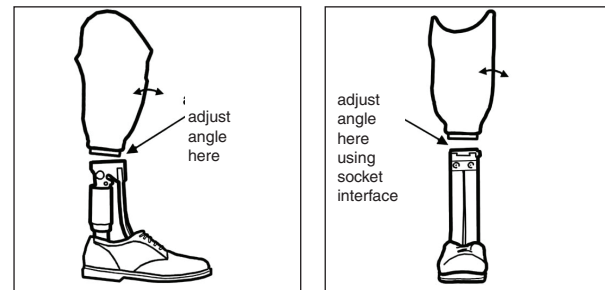
Amputee stands with weight equally on both feet.
(A) Small compression.
(B) Top should be horizontal.

Add air (10 psi/.7 bar at a time) if amputee reports a feeling of "standing in a hole" or drifting backward.

You will need to add air for most amputees. Foot is shipped with 40 psi (2.8 bar) of air.

5 Anterior/Posterior and Medial/Lateral Angulation of the Socket

Goal: Make sure that amputee's Pathfinder II is flat on the floor when standing in a neutral position.



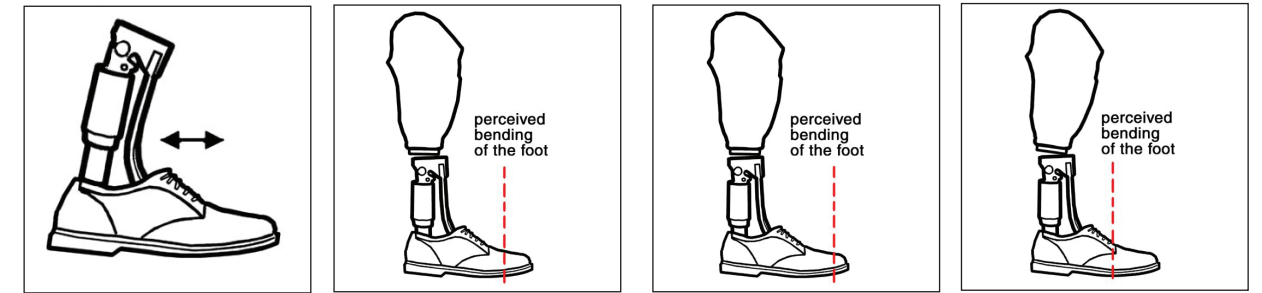
Walking The Amputee - Dynamic Alignment

6 Toe Spring Evaluation and Anterior/Posterior Positioning

Notice — The settings achieved during static alignments (steps 4 and 5) should be very close to the final settings. All adjustments from this point on should be only a few millimeters.

As the amputee walks, say "Without looking down, feel where the toe springs are bending, then show me that point on your shoe."

You have selected the CORRECT Pathfinder II if:



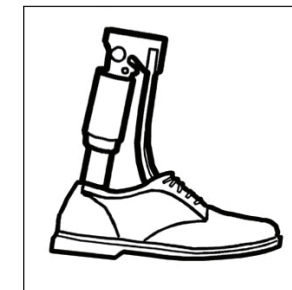
you can see the toe spring bend during each stride.

Ideal perceived bending point (metatarsal joint)

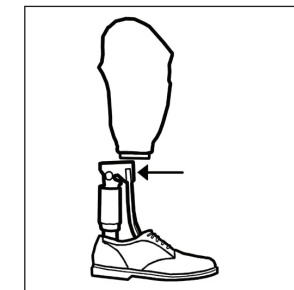
Slide Pathfinder II anterior to socket.

Slide Pathfinder II posterior to socket.

The Pathfinder II is TOO STIFF if:



the amputee feels that the Pathfinder II resists forward motion or gives the feeling of walking up hill; and



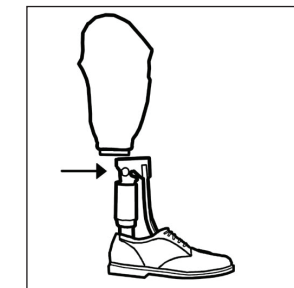
In this case, call your supplier for a lower stiffness Pathfinder II.

you do not see the toe springs bend during each stride;

you have to move the Pathfinder II a great distance posterior to the socket to obtain a smooth stride.

The Pathfinder II is TOO SOFT if:

the amputee feels that the toe springs are bending too easily, causing a feeling of falling forward; and



In this case, call your supplier for a higher stiffness Pathfinder II.

you have to move the Pathfinder II a great distance anterior to the socket to obtain a smooth stride.