



OHIO WILLOW WOOD  
free the body...free the spirit<sup>SM</sup>

# PATHFINDER II

## PERFORMANCE , FLEXIBILITY, STABILITY, AND COMFORT

The key to the Pathfinder II's performance lies in it's unique construction. A toe spring, a foot plate, and a pneumatic heel spring all connected in a triangular configuration. This design provides shock absorption during heel strike without diminishing the energy return of the toe spring, resulting in optimal flexibility, stability, and comfort. Rubber snubbers at the proximal and distal ends of the heel spring alleviate medial/lateral loading on the pneumatic cylinder.

As an added bonus, the rubber snubbers allow increased inversion/eversion in the foot. Amputee's who have tested this new design and engage in moderate to high activities are thrilled with the increased durability and function resulting from these changes. Additional reinforcement has also been added to the foot shell.



- **Moderate to High Activity**
- **Increased inversion and eversion**
- **Fixed 4-hole option lighter than the original Pathfinder**
- **Improved Durability and 36-month warranty**
- **Comes with reinforced, high activity foot shell**

<b>Includes:</b>	Foot, Foot shell, spectra sock, proximal adapter, hand pump removal tool, valve extension
<b>Weight:</b>	Without slide adjustment 785g With slide adjustment 817g based on 26cm foot without proximal adapter, foot shell, or spectra sock
<b>Patient weight limit</b>	350lb (160kg) for US activity levels 1-3: 300lb (135kg) for US level 4*
<b>Heel Heights</b>	3/8" (10mm), 3/4" (18mm)
<b>Available Sizes</b>	23 to 31 cm
<b>Clearance Range</b>	See Clearance Range Chart
<b>Cosmesis</b>	Unisex in Buff, Tan, or Medium Brown
<b>Toe Spring Stiffness</b>	Seven - see composite Toe spring chart
<b>Warranty Information</b>	Foot - 36 months from invoice date Foot shell - 9 months from invoice date



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# Pathfinder II Ordering Guidelines

Pathfinder II Kit - Part no.PFDR-KIT

The kit consists of one foot and one proximal Adaptor. When ordering a kit, please also provide a foot part number as described in the chart below. For a Pathfinder II without slide adjustment, there is no kit part number, simply provide the foot part number.

To order a Pathfinder II foot, please select the size, side, colour, toe spring stiffness, heel height, and adaptor

SAMPLE PART NUMBER		PFDR-23LB-4L-1
Model:	PFDR - Pathfinder™ Foot	
Size of Foot:	23 to 31 cm	PFDR 23
Side of Foot:	L = Left, R = Right	L
Foot Shell Colour:	B = Buff, M = Medium Brown, T= Tan (special order)	B
Toe Spring Stiffness:	3 to 9 (refer to chart below)	4
Heel Height:	L = Low 10mm (3/8"); M = Medium 18mm (3/4")	L
Proximal Adaptor:	1 - Pyramid Adapter 2 - Pyramid Receiver 3 - Threaded 4-Hole Adapter 4 - Through 4-Hole Adapter with Valve 5 - Without Slide Adjustments (Proximal Connection is a fixed threaded 4-hole)	1

To select proper composite toe spring stiffness:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried)
2. Using adjusted body weight and patient activity level, select toe spring stiffness from the chart below.
3. If the amputee's weight is near the border between two categories;
  - A. Choose the higher of the two categories if the amputee is very active or has a longer residual limb.
  - B. Choose the lower of the two categories if the amputee is moderately active or has a short residual limb.

## Composite Toe Spring Stiffness Chart

Adjusted Body Weight	100-135 lbs. 45-61 kg	136-170 lbs. 62-77 kg	171-205 lbs. 78-93 kg	206-235 lbs. 94-106 kg	236-280 lbs. 107-127 kg	281-315 lbs. 128-143 kg	316-350 lbs. 144-159 kg
Toe Spring	3	4	5	6	7	8*	9*

\*Toe Springs 8 and 9 are not available in sizes 23 and 24.

Clearance Range Chart (from bottom of heel to top of Proximal Adapter)	18mm (3/4") Heel	10mm (3/8") Heel	18mm (3/4") Heel	10mm (3/8") Heel
	With Slide Adjustment	With Slide Adjustment	Without Slide Adjustment	Without Slide Adjustment
With threaded 4-hole Adapter	8.7" (22.1cm)	9.1" (23.1cm)	8.3" (21.1cm)	8.7" (22.1cm)
With through-hole adaptor with valve	8.7" (22.1cm)	9.1" (23.1cm)		
With pyramid Adaptor	9.5" (24.1cm)	9.8" (24.9cm)	9.3" (23.6cm)	9.7" (24.6cm)
With pyramid receiver adaptor	9.2" (23.4cm)	9.5" (24.1cm)	8.9" (22.6cm)	9.3" (23.6cm)