

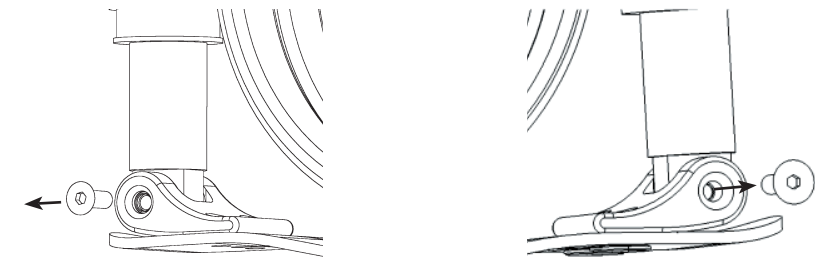
PATHFINDER® II PNEUMATIC HEEL SPRING REPLACEMENT INSTRUCTIONS

Perform the following procedure to replace a Pneumatic Heel Spring (PHS) that has developed a drop in performance, or to replace the PHS Thrust Bearings or Rubber O-Rings.

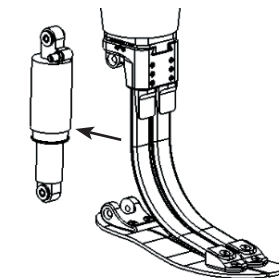
Note: two sizes of replacement Pneumatic Heel Springs are available. Order PFD-1 108 for use in the standard Pathfinder II, and PFD-1 109 for use in the Low Profile Pathfinder II.

Tools needed: One 4mm hex wrench

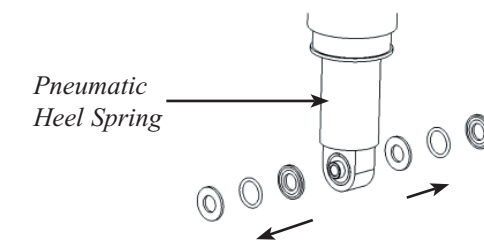
1. Using a 4mm hex wrench, remove the two screws at the distal end of the Pneumatic Heel Spring.



2. Repeat Step 1 for the two screws at the proximal end of the Pneumatic Heel Spring.
3. Remove the Pneumatic Heel Spring from the foot.

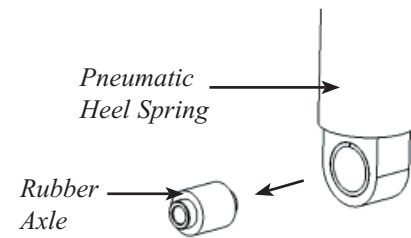


4. Remove the Thrust Washers and O-Rings from either side of the distal end of the Pneumatic Heel Spring.

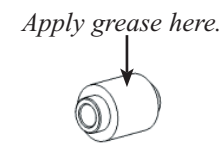


OHIO WILLOW WOOD®
free the body...free the spirit®
15441 Scioto Darby Road
Mt. Sterling, OH 43143
phone 740.869.3377 / 800.848.4930
fax 740.869.4374
www.owwco.com

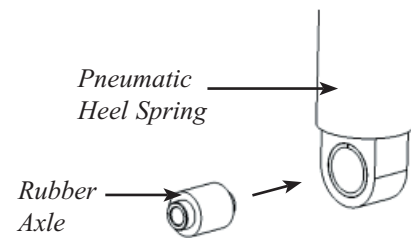
-
5. Press the Shock Pin with the Rubber Axle out of the distal end of the Pneumatic Heel Spring.



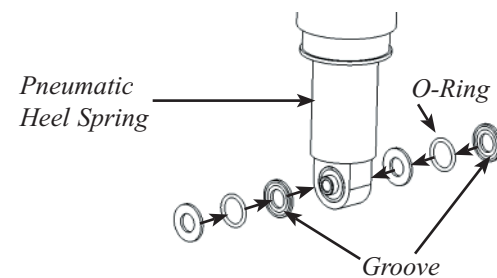
6. Repeat steps 4 and 5 for the proximal end of the Pneumatic Heel Spring.
7. Apply the grease that was included with the replacement kit to each of the Rubber Axles.



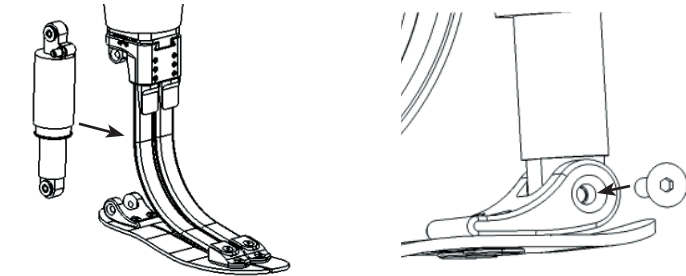
8. Press one Shock Pin with a Rubber Axle into the replacement Pneumatic Heel Spring at the distal end, and one at the proximal end.



9. Place the Thrust Washers and O-Rings onto the Pneumatic Heel Spring. Make sure the O-Ring fits into the groove on the inner surface of each Thrust Washer.



10. With the Schraeder Valve oriented toward the anterior side and insert the proximal end of the Pneumatic Heel Spring into the proximal connector. Apply Loctite Removable Threadlocker 242 (or equivalent) to the two screws, then reinstall the two screws at the proximal end. Repeat this process for the distal end. This will be a tight fit. Compression of the Pneumatic Heel Spring may be required.



11. Tighten each of the four screws to 110 in-lbs (12 Nm).
-