



Fluid Concepts
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Pitchfork Type II Rebuild Kit Instructions



The following will guide you through replacing old shock cord (bungee cords) and rubber inserts on your Pitchfork Board Racks. These instructions apply to the older PF1 and PF2 wakeboard racks. If at any time you have a question, please call (480) 609-1182 and ask for technical assistance.

Unpack Contents:

Carefully unpack contents of boxes. Find a suitable area to lay the parts out and assemble (wood shop table or other soft work area). Please identify parts using the list below.

Parts List:

1. Shock Cord (1)
2. Stainless hog rings (5+)
3. Heat-Shrink tubing (4)
4. Rubber Inserts (4) Not shown.
5. Hog Ring Pliers (not included)



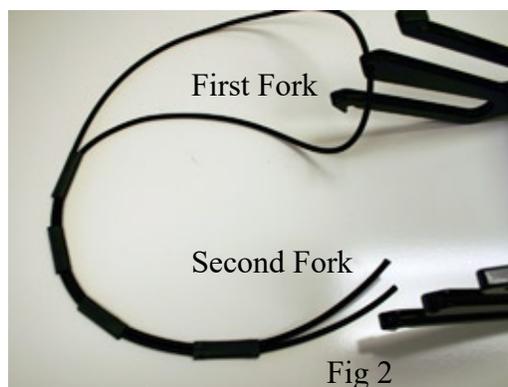
Tools:

1. Cutters (optional)
2. Hog Ring Pliers (optional), or suitable pliers
3. Heat Gun, or other heat source capable of shrinking the tubing such as a cigarette lighter.

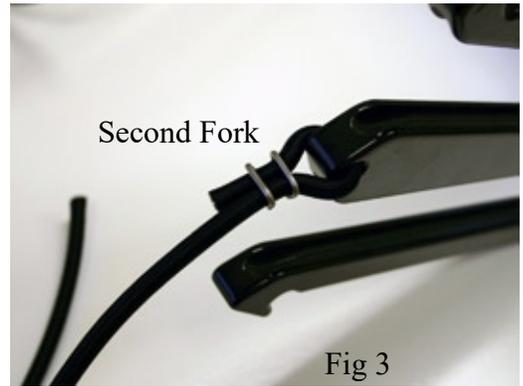
Instructions For Shock Cord:

Step 1: Remove old shock cord (bungee). If possible, pay close attention as to how the cord was assembled since this is exactly how it will be done in the following steps.

Step 2: Route new shock cord through first fork. The Pitchfork utilizes a continuous cord. Route cord through one fork and slide all four pieces of heat shrink over both ends of the cord. See **Fig-1** and **Fig-2**.



Step 3: Route shock cord through second fork. Make sure you have the heat shrink tubing in place (see previous step) before continuing!! See **Fig-3**.



Step 4: Crimp hog rings in place where cord ends meet. There should be two hog rings per cord end as seen in the picture. This joint should be located near the tip of the fork. See **Fig-3** and **Fig-4**.



Step 5: Crimp hog ring on first fork. Before crimping the hog ring, make sure the cord is evenly distanced between the forks. This is done by pulling the cord in the middle until even loops are achieved between both forks. See **Fig-5**.



Step 4: Heat Shrink tube. Slide one heat shrink tubing over the crimped area (near the tip of the fork) and apply even heat to shrink the tubing. **BE CAREFUL not to burn the shock cord as it will melt.** Slide the second tubing over the first and shrink again. Repeat for other side. See **Fig-6**.



Tools:

1. Cutters
2. Heat Gun

Instructions For Rubber Inserts:

Step 1: Remove old rubber inserts. They can be pried out with small screwdriver. Clean grooves of any debris.

Step 2: Preheat rubber inserts. This is key to installing the inserts. Our inserts are designed to press into the groove without the use of glue. However, this can be a difficult task if the rubber inserts are cold. To heat the inserts, try using a heat gun. Alternatively, the inserts can be placed in an oven at the lowest plate warmer setting (120-160 degrees F). Leave them in until thoroughly warm.

Step 3: Installing Rubber Inserts. Once the inserts are at a safe temperature to handle, but still warm and flexible, stretch them by hand. Then press into groove starting on one side and slowly moving around to the end of the groove. This may be difficult and require some significant finger strength. It helps to "roll" the rubber into the groove instead of pressing straight down. See **Fig-7** and **Fig-8**.

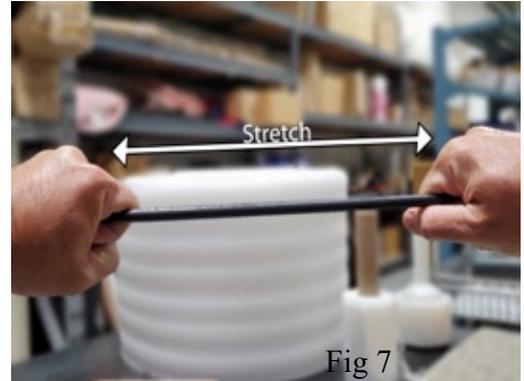


Fig 7



Fig 8

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