

MATCHLESS SPINNING WHEEL

METAL TREADLE SUPPORT BAR EXTERNAL RING CLIP REPLACEMENT

PARTS

External ring clip (e-clip)

REPLACE THE CLIPS

1. Use a long flat screw driver to pop the metal treadle support bar out of the hinges. Slide the screwdriver between the bar and the treadle. Slightly twist upward until the bar pops out of the hinges.
2. Use a 4mm allen wrench to remove the black bolt in the treadle support bar. It is attached to a barrel nut found underneath the center brace in the hole. After the bolt is unscrewed, the barrel nut will usually fall out.
3. Using the external ring clip pliers, remove the old e-clips and place the new e-clips on the treadle support bar.

TOOLS

External ring clip pliers (e-clip pliers)
Flat screwdriver

Insert the tips of the pliers into the holes of the external ring clip (e-clip).

The round part of the e-clip may be up or down on the tips of the pliers. You will find that one way or the other works better in a particular situation.

When placing the new e-clips, gently squeeze the e-clip pliers to spread the legs of the e-clip just enough to slide it on the bar. Don't overstretch the e-clip.

Slide the e-clips into place and remove the pliers.

4. Reattach the treadle support bar to the wheel, screwing the bolt into the barrel nut. Push the barrel nut up into hole with

a finger, aligning the hole in the barrel nut with the bolt.

5. Use a soft rubber mallet or your hand (be careful) to snap the treadle onto the treadle support bar.
6. Position the treadle(s) approximately 1/8" from the rear leg. On double treadle wheels the center edges of the treadles should be parallel.

7. Place the e-clip tight against the hinge. On a double treadle wheel, there should be one e-clip next to the inside edge of each hinge. ■



E-CLIP SLIDING ON TO METAL TREADLE SUPPORT BAR



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