

# MATCHLESS SPINNING WHEEL

## SCOTCH TENSION ROD REPLACEMENT

### PARTS

Scotch Tension rod  
spring

### REMOVE THE OLD ROD

1. If your wheel has a thumbscrew under the mother-of-all to hold the scotch tension rod, make sure the thumbscrew is loose.
2. Grasp the scotch tension rod knob and pull it straight back toward you. A spring recessed in the hole in the mother-of-all allows the scotch tension rod to move toward you until the end of the rod comes out of the rear hole. A spare spring is included in case your original spring is lost.
3. Move the back end of the rod out and away from the spinning wheel.
4. Pull the front end of the rod out of the mother-of-all.

### INSTALL THE NEW ROD

1. Hold the new rod with knob end towards you.
2. Insert the rod in the front hole (hole closest to you) in the mother-of-all.
3. Pull the rod toward you until the back end of the rod can be lined up with the rear hole.
4. Push the back end of the rod securely into the rear hole.

### IF THE ROD IS TOO TIGHT

If the scotch tension rod is too tight, that is, it is difficult to turn, it could be bent. Leave the

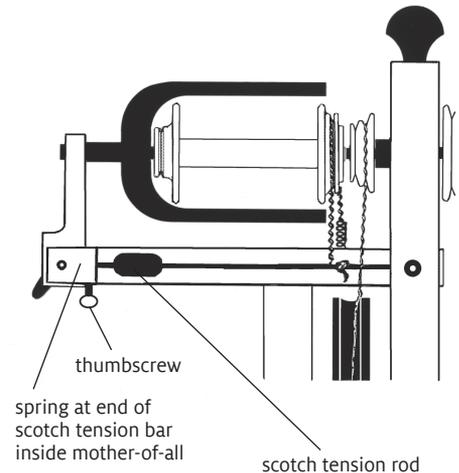
### TOOLS

Phillips screwdriver

rod in place and attempt to straighten along the rod at the pair of tension spring holes. If the rod is still too tight, remove it following the above instructions and sand the end that goes into the rear leg.

### IF THE ROD IS TOO LOOSE

Matchless wheels built prior to March 2003 do not have a thumbscrew under the mother-of-all to hold the scotch tension rod. If your wheel does not have a thumbscrew to hold the scotch tension rod, remove it from the wheel following the above instructions. Using an awl or nail set and a hammer, tap the ends to spread out the tip and refit. Repeat until the rod holds tension.



Find out more at [schachtspindle.com](http://schachtspindle.com)  
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