

MATCHLESS SPINNING WHEEL

T-KNOB AND BOLT REPLACEMENT

PARTS

- 1 - T-knob
- 1 - 1/4" x 4" carriage bolt
- 2 - 1/4" washers

REMOVE THE OLD BOLT AND BRONZE INSERT

1. Remove the flyer, bobbin, and whorl.
2. Remove the Scotch tension bar by standing in front of the spinning wheel and grasping the Scotch tension bar knob. Pull it straight toward you to compress the spring in the front hole until the bar comes out of the rear hole. Then pull the bar out of the front hole. Remove spring.
3. If your wheel has a bronze insert (on the right side), you will need to remove it. To do this, slide the carriage bolt into the mother-of-all. Tap it gently into the hole, and if possible, screw the tip of the bolt directly into the bronze insert. Lay the spinning wheel across the edge of a table so the mother-of-all is supported by the table. Support the spinning wheel at the rear legs and just behind the bronze insert

of the mother-of-all. Carefully tap the bolt with a rubber mallet until the bronze insert comes out. Enlisting a helper to support the wheel will make this step easier. (Figure 1)

4. If your wheel has a T-knob, loosen and remove the black T-knob and the bolt from the mother-of-all. The front maiden will come off.

INSERT THE NEW BOLT AND T-KNOB

Note: the bolt head of the 4" carriage bolt takes the place of the bronze insert, and the T-knob now attaches directly to the 4" carriage bolt.

1. Insert the bolt through the right side of the mother-of-all, through the front maiden and out through the left side of the mother-of-all. (Figure 2)

2. Place two washers on the left end of the carriage bolt, attach the T-knob to the bolt, and tighten until the bolt head fits against the mother-of-all.

3. Replace the spring and the Scotch tension bar.
4. Replace the flyer, bobbin, and whorl.

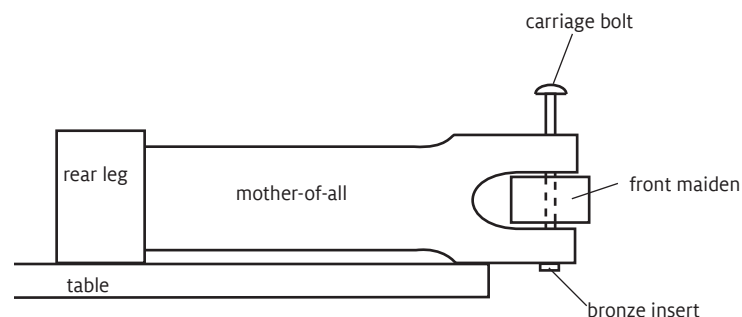


FIGURE 1 - REMOVE THE BRONZE INSERT AND BOLT

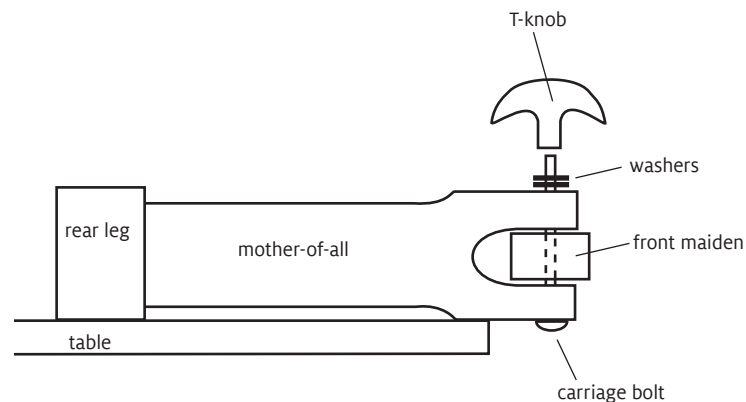


FIGURE 2 - INSTALL THE T-KNOB AND BOLT



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