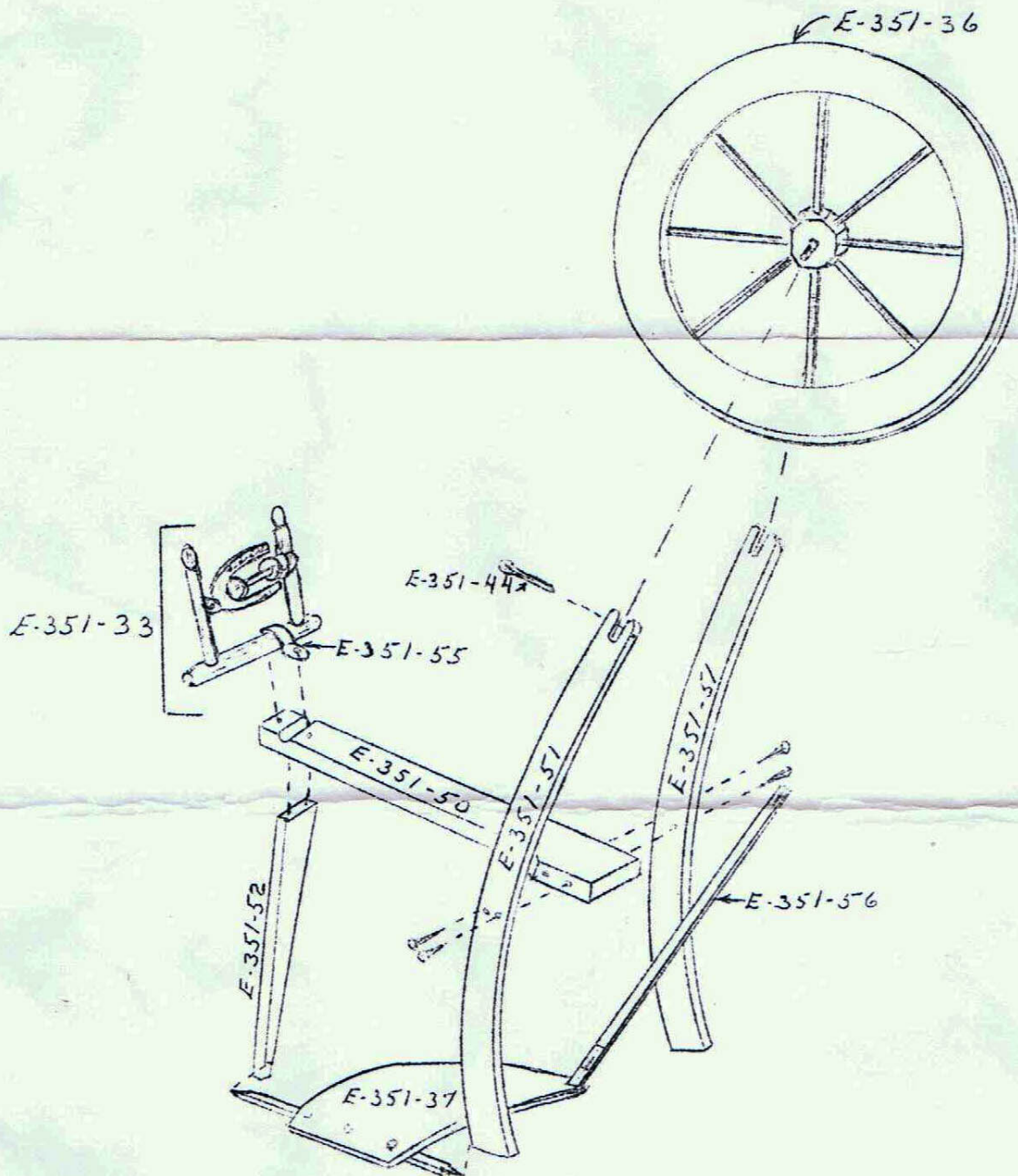


# Spinning Wheel E-351



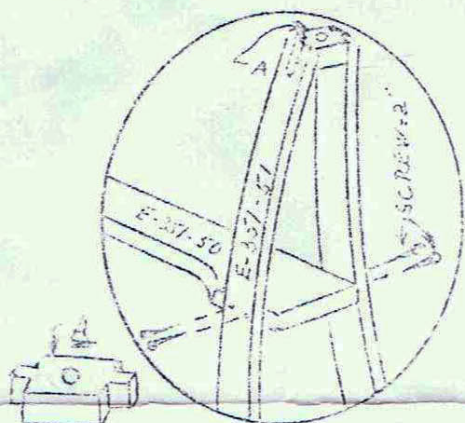


# LECLERC SPINNING WHEEL

NO. E-351

Your leclerc spinning wheel No. E-351 is well polished and finished to match with all Leclerc looms.

For shipping facility and to prevent breakage after having been set-up, it has been disassembled. To set it up again, first read complete instructions, then follow step by step. As the spinning wheel is pre-finished and to prevent screw-driver to slip off and damage the wood, we use a special screw and supply the screw-driver to assemble it. Rub screws with soap for easier screwing.

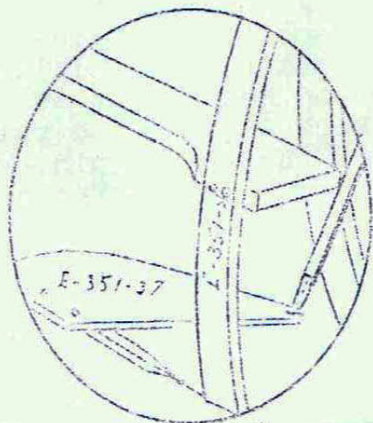


## STEP 1

Screw the two front legs No E-351-51 each side of table No E-351-50 with two screws 2" long.

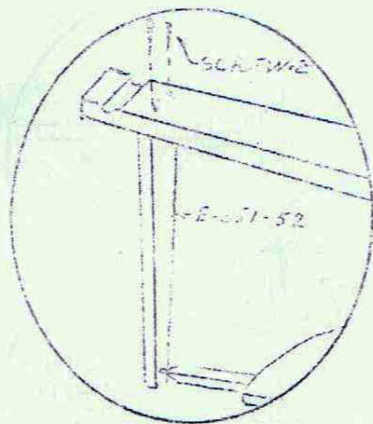
Screw the first leg onto the notch. Put gauge (the unfinished block) A in between the top of two legs.

When screwing the second leg, in order to have the right opening at top for the wheel, press firmly against each leg.



## STEP 2

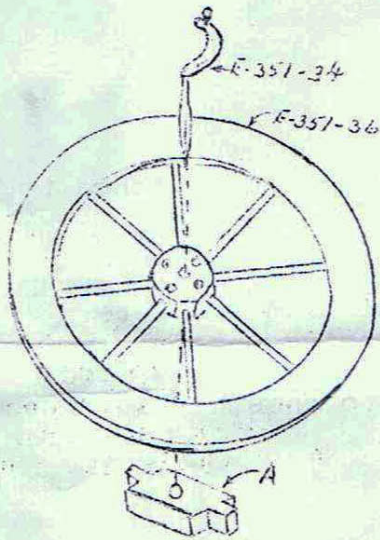
Take the treadle set, No E-351-37 put the footman between the two legs. Insert the pin at end of treadle bar in the hole at bottom of leg, on curved side of table.



## STEP 3

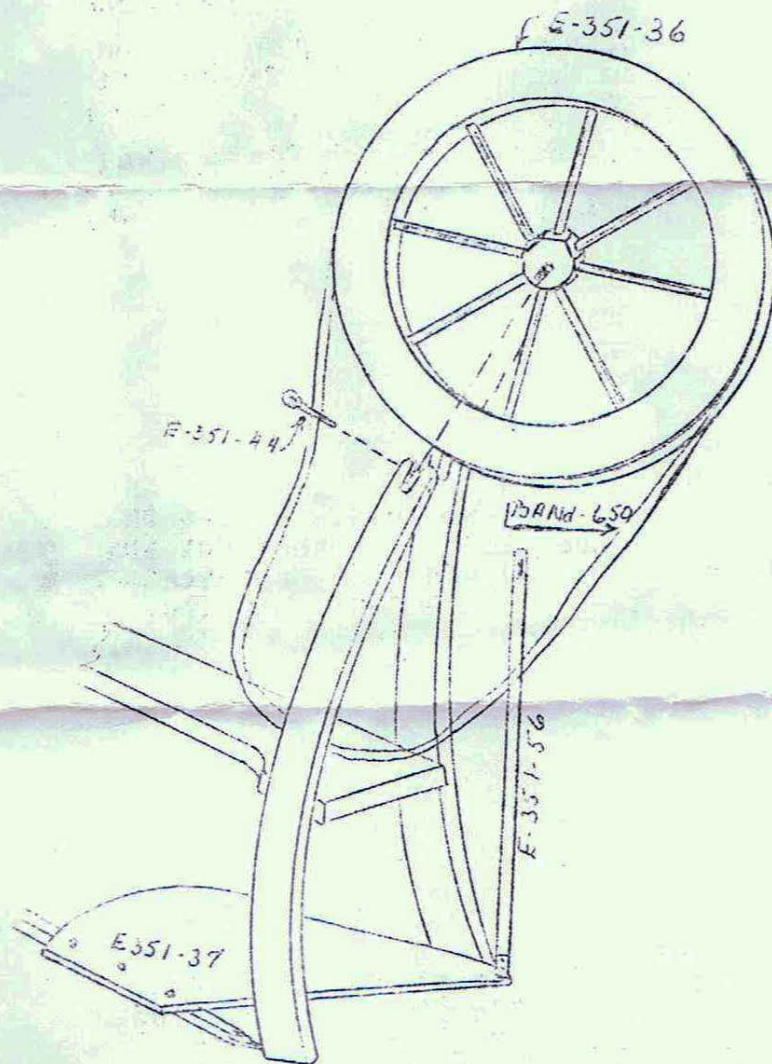
Insert end of third leg No E-351-52 on mortise under the table and the other end of treadle bar in hole at bottom of the leg. Screw leg firmly from top with two screws 2" long.





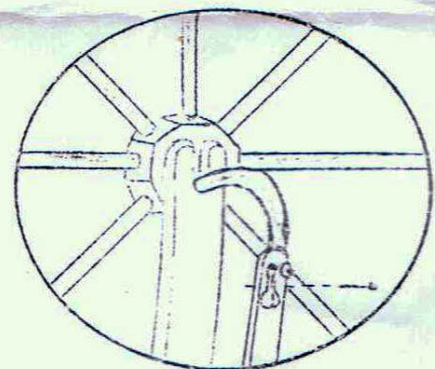
STEP 4

Remove the gauge A from top of front legs. Place it on table, hole on top. Insert shaft with axle crank No E-351-34 in center of wheel. Put wheel flat on gauge and press or knock slightly with hammer up to the time the shaft reaches bottom of hole in gauge A. Note that part of shaft is hexagonal also the hole. Direct it properly to fit with the shape of hole.

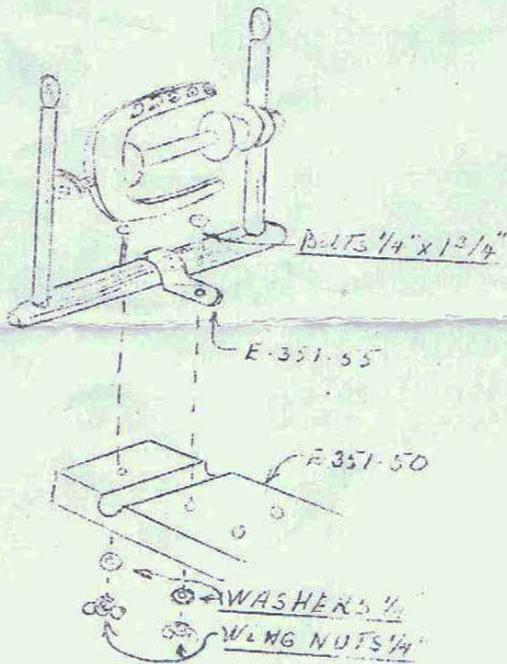


STEP 5

Put the double linen band No 650 around the wheel and place wheel in notch, top of bearing crank on back side. Fix the footman No E-351-56 on the round head rivet of crank. Lock it with the thin nail. Put the wooden pin No E-351-44 on top of front leg to hold the wheel.







#### STEP 6

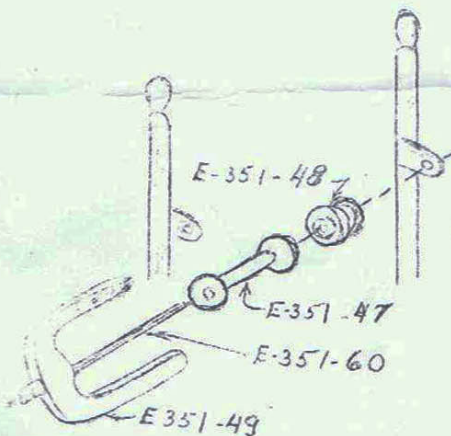
Place the maiden No E-351-33 in the groove of table, the spindle wharve in straight line of large wheel. Fix the half metal hardware No E-351-55 on top. Insert the two bolts in holes of table and put the washers and wing nuts under the table.

#### STEP 7

Remove the large shaft from leather bearing. Put the double linen band, one on bobbin, and the other on spindle wharve, then to the large wheel by moving maiden No E-351-33 left or right up to the time it is in perfect line, and remains on wheel.

You are now ready to spind or twist thread by introducing carded threads or wool in the hole of shaft, and to hooks of flyer then fixing to bobbin by making a few turns by hand.

Control the twist by the speed of bobbin by placing the band on large or small wheel of spindle wharve and by the tension on band by turning the maiden towards the wheel side for less tension or opposite side for more tension.



To remove the bobbin, take out flyer and bobbin of maiden by forcing the leather bearing, unscrew the spindle wharve and remove the bobbin.



### STEP 8

If you like to use your spinning wheel with a single band system, put the double linen band to the same wheel on spindle wharve.

Place the small wooden tapered dowel No E-351-39 which has a cord and a rubber elastic band in the hole of maiden.

Place the rubber band on peg before placing in hole. Place the cord in the little groove of the bobbin.

To control tension, turn the peg and press it in the hole.

When placing threads in the hole of shaft and on hooks of flyer, and making a few turns around bobbin, the flyer will wind and twist threads around the bobbin. Then tension will allow to control the speed of the bobbin and twisting.

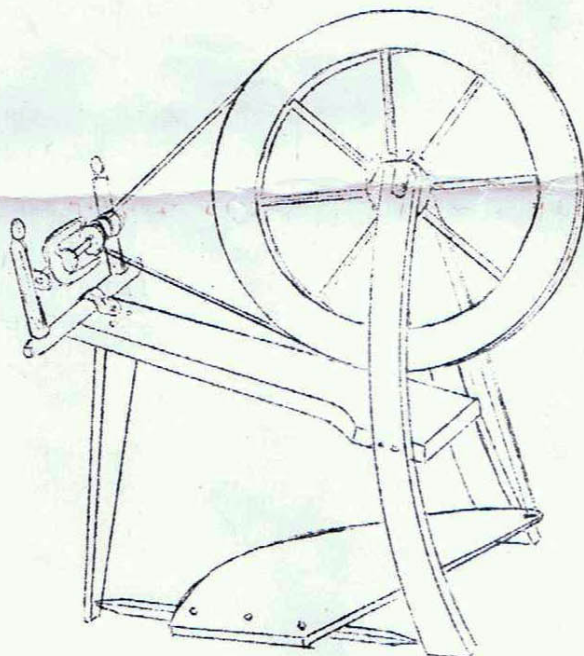
### MAINTENANCE

As a piece of machinery this spinning wheel needs to be lubricated. We suggest to use vaseline for the best result, but any machine grease or oil will do.

Parts to be lubricated are as follow:

- a) Wheel shaft.
- b) Inside of bobbin, it needs to be removed from shaft.
- c) Shaft on the leather bearing.
- d) Treadle bar on pins which are introduced to legs. (Sewing machine oil will be easier than grease to introduce at that point)

Greasing should be made at every 40 hours of work or when it has been out of operation for a long time. As any new machine, it will need few hours of operation to become smooth. More you will use it, smoother it will become.



E 351-39