

# ASSEMBLY INSTRUCTIONS FOR ASHFORD TRAVELLER SPINNING WHEEL

## FINISHING YOUR WHEEL

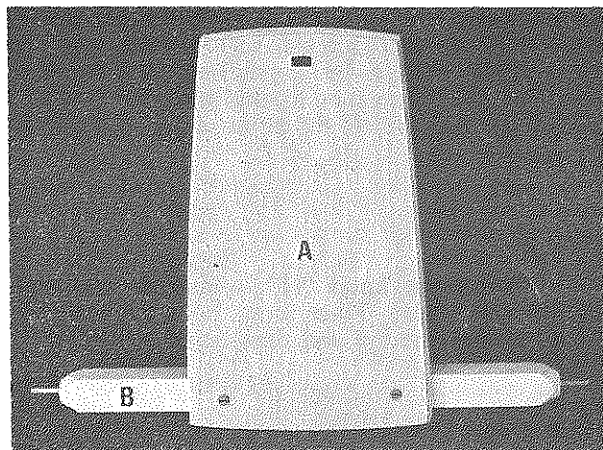
The timber used in all Ashford Spinning Wheels is kiln dried, and due to possible difference in climatic condition, it is important to thoroughly "seal" (i.e., apply the finishing surface) as soon as possible after arrival. As well as enhancing the appearance this also protects the wood from absorbing grease from the wool. It can be easier to apply the finish before assembling, but this is up to you. All rough surfaces should first be smoothed with the garnet paper supplied then all dust brushed off. Silver Beech varies a lot in the colour and although we try to evenly match all the pieces some variation is always likely. A medium to dark stain will usually cover these differences. We recommend an oil stain followed by several coats of clear lacquer. In between each coat, rub down with steel wool. Alternatively french polish can be applied with a brush or pad. Linseed oil can be rubbed into the wood and then polished well with a wax polish.

## GENERAL

Read each step right through before commencing. Wax or soap rubbed on to screws will make assembling easier.

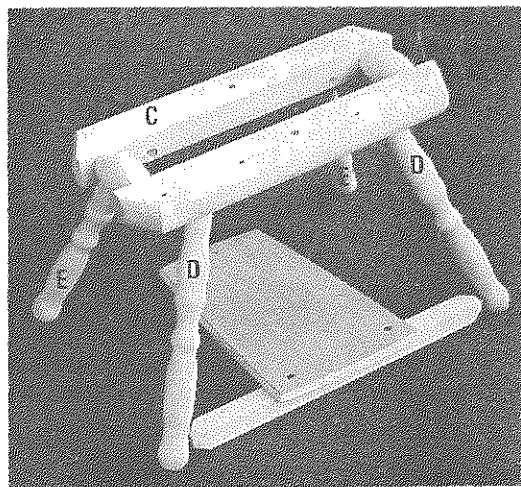
## STEP 1

With  $\frac{3}{4}$ " screws, fit the treadle board "A" to rail "B" 95mm from end of timber and keeping the screws in the centre of the rail.



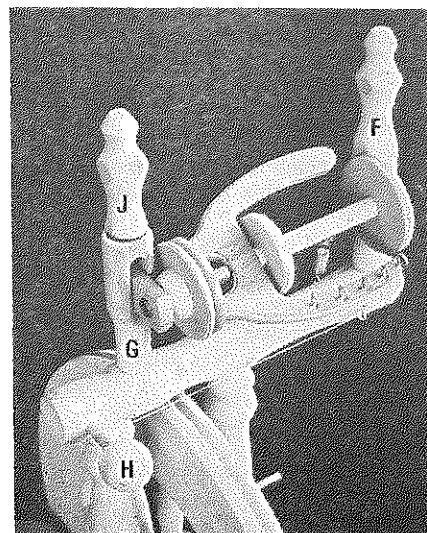
## STEP 2

Take the base section "C" (factory assembled) place the two drilled legs "D" with treadle assembly in holes, and tap into rail of "C" that has the 3 drilled holes for the bobbin holders. Next tap the two back legs "E" in other rail. Tap all legs **right in** and make sure that this sits level. Twist front legs to ensure treadle board does not bind in legs. Using  $\frac{3}{4}$ " screws, screw through rail into legs.



## STEP 3

Wax the spigot of the upright "F" (small bearing hole) and place in position at the back of the maiden arm. Place the upright "G" at the front, but do not wax. With  $1\frac{1}{4}$ " R.H. screws and washers, screw through the underside of maiden arm into each upright leaving "F" firm but not too tight.

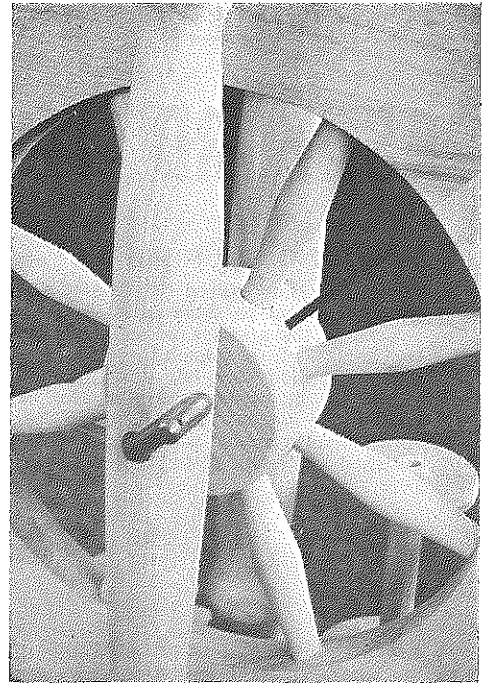


#### STEP 4

Set the wheel and if included, nylon drive band in place on this framework. Fit the wheel supports and maiden arm assembly in position with the maiden arm pointing to the back and tighten with washers and nuts from underneath.

#### STEP 5

Lift the wheel into position between the wheel supports and insert the crank. This has deliberately been made a tight fit in the hub so do not lubricate or ream out the hole. To secure the wheel, first locate the hole in the crank by pushing the nail, supplied in the hardware, through the hub, twisting the crank backwards and forwards until the hole is located. Next tap home the tension pin through the hub and crank, taking care not to damage the spokes. To simplify this, place a flat surfaced object (i.e., a large screwdriver) between the spokes, over the pin, and tap right in by hammering on a flat surface. Test the wheel to make sure that it runs smoothly. If it is necessary to remove the pin, file off the point of the nail and punch out from the opposite side.



#### STEP 6

Fit tension knob "H" to maiden arm and screw eye at rear on same side. Place screw hook on opposite side. Thread nylon through the eye and then tie on spring.

#### STEP 7

With 5/8" screw, fit the leather to the connecting rod and then through the slot in the treadle board with nylon bearing facing out and secure to the underside with 1/2" screw and washer keeping the screw as close as possible to the slot.

#### STEP 8

Fit hooks into flyer and place flyer in position with bobbin on. Attach spring to screw eye over bobbin.

#### STEP 9

If cord driving band included, slacken adjusting knob "J" in flyer upright "G" and then tie around wheel and flyer pulley.

#### STEP 10

Trap the three rods into position on the front rail for bobbin holders, rounded end up.

#### THREADER HOOK

Thread the tape through the eye of the hook and tie into loop. Hang this over tension knob "H" for easy location.

#### ASHFORD LABEL

Place this label in a conspicuous position on base section "C."

