

INSTRUCTIONS FOR ASSEMBLY AND CARE OF YOUR SPINNING WHEEL

On the body and legs you will find red marks and the legs should be fitted to the corresponding holes, making sure the marks are in line. Be sure the legs are driven into the holes as far as they will go. If the legs come loose after a period of time just glue them in place.

In the case of the spinning wheel being unstained or in the raw wood, now is the time to have it stained or varnished before assembly. This is a must.

Next attach the treadle by inserting screws through eyes on the two legs. Make sure the plastic bushes are in place to separate the metal surfaces of the screws and eyes. Tighten screws until all up and down movement in eye is lost.

To place driving wheel in position first remove small bolts from uprights then put double belt around groove in wheel before pressing shaft (with crank to rear) into slots until it reaches the bearing position. Now replace bolts, washers and nuts and tighten same until there is no up and down movement. If the wheel does not revolve freely slacken nut slightly. In the event of wear in the future, this can be overcome by tightening nuts slightly. This also applies to the two bearings which have bolts through them in the spinning head.

Before placing spinning head in position remove large bolt and wing nut. Place head (with long shaft toward front of machine) so that holes are in line in body and head. Push bolt through from back to front and place washer and wing nut in place. Swing head into position as shown in photo, then tighten wing nut. Before sliding spool on to shaft, place a few drops of engine oil (20/40) on shaft to ensure smooth silent running.

The driving groove in spool must be near the driving pulley which is fixed to the shaft. The flyer which is similar to a horseshoe is now pressed on taper end of shaft very firmly. To make sure that the flyer does not fly off when in use, hold driving pulley firmly in left hand and give flyer a twist while pressing on to shaft with right hand. When removing flyer it must be given a slight twist while being pulled off the shaft. It is very essential that the flyer should be firmly in position before starting to spin.

The driving belt or cord is now placed in position by putting one strand in large diameter groove of driving pulley, the other strand being placed in groove of spool.

The head is now swung into position where the belt is tight enough to drive flyer when main driving wheel is revolved. Tighten wind nut so that head cannot be moved without some effort.

The connecting rod between the treadle and crank must now be attached. This done by screwing screw into narrow end of treadle as far as it will go without impeding movement of connecting rod. Remove bolt from slotted end and insert wedge or screwdriver in slot to open it enough to slide rod over end of crank. Replace bolt, washer and nut and tighten to remove all slackness in bearing.

Place a couple of drops of oil on each bearing (5) that has an adjusting bolt and your wheel is ready for use.

The type of spinning you desire is controlled by the tension on the belt. Loose belt gives tight twist and tight belt gives a loose twist or spin. The adjustment is made by raising or lowering very slightly the spinning head. For easy threading place wool against pigtail and give two turns to right which brings it into centre.

When plying the wool the two full spools are placed on the steel pins provided on the body and from there the two strands of wool are fed up to the flyer.