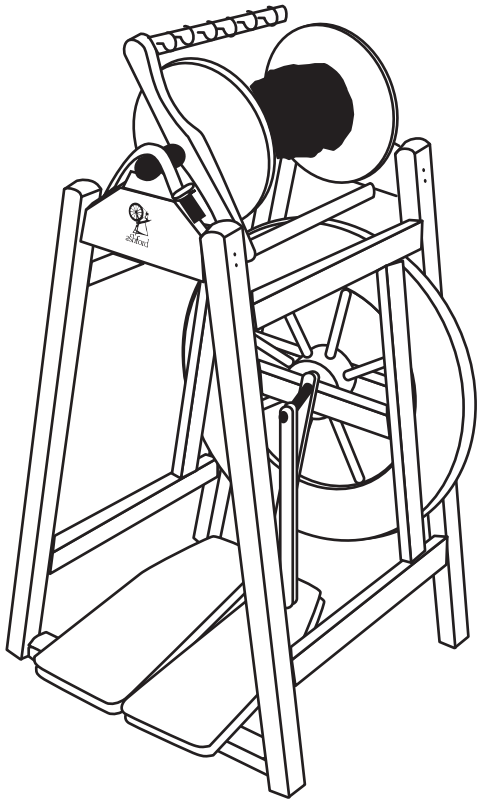
Assembly Instructions for the

ASHFORD COUNTRY SPINNER

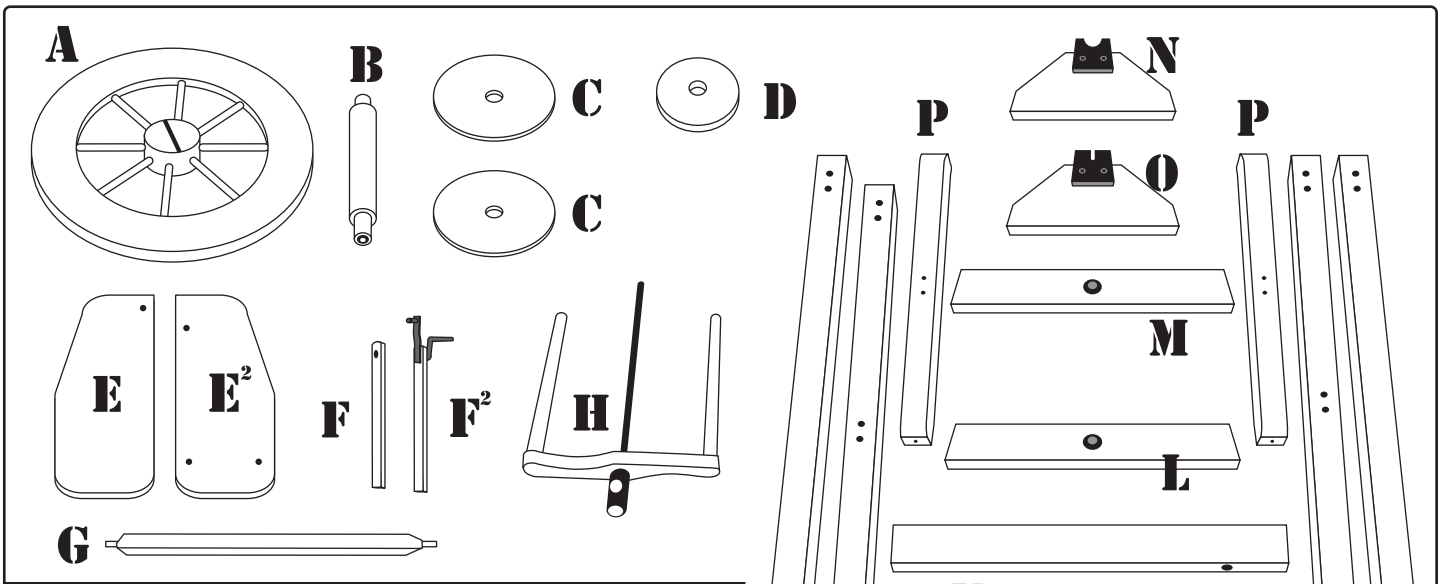


Tools Required: Screwdriver, Hammer, Candle Wax, Oil

Before Commencing - Read assembly instructions completely, identify the parts and note the assembly sequence. Candle wax rubbed on all screws will make assembly easier.

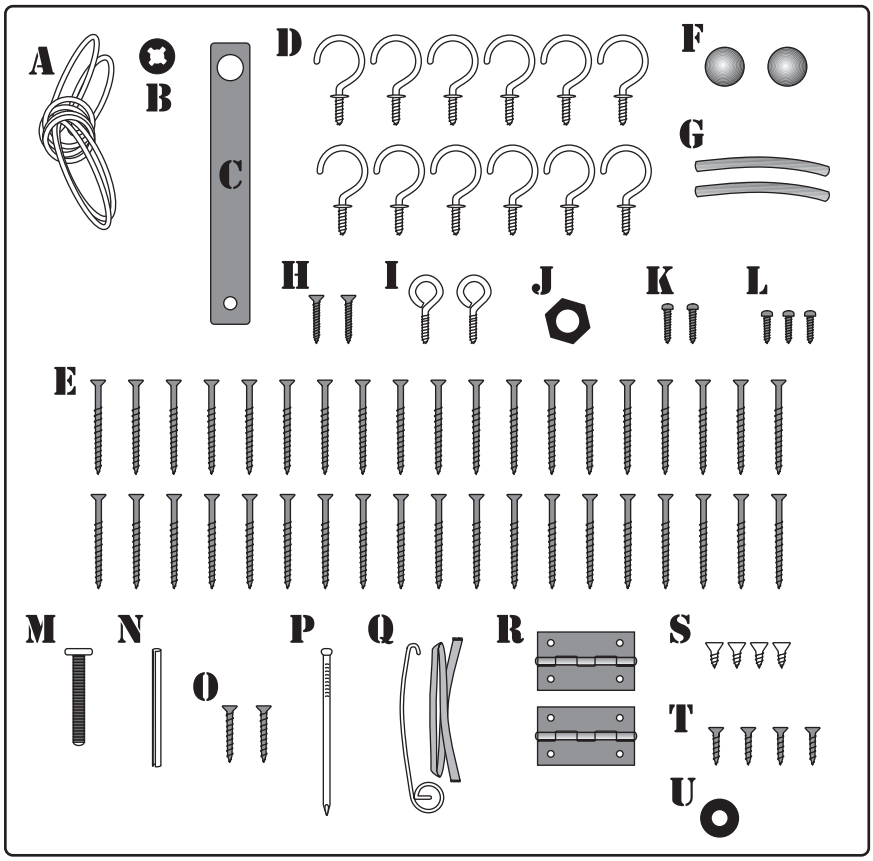
Finishing the Wood - We recommend that the wood surfaces be waxed before assembly. This protects the kiln dried wood from climatic changes and enhances the beauty of the wood.

For the Ultimate Finish - Use the special, natural, new formula Ashford Wax Finish.
The Silver Beech Tree is a native of New Zealand and has a lovely variety of colour and grain.
The Ashford Wax Finish will enhance the natural colours and beauty of the wood. Ashford Spinning Wheels are also available factory finished in clear lacquer or walnut finish.



PARTS LIST

A Wheel
B Bobbin Centre
C Bobbin ends
D Bobbin whorl
E Left Treadle Board
E² Right Treadle Board
F Con Rod
F² Crank Con Rod
G Treadle Rail
H Flyer
I Front Legs (pair)
J Back Legs (pair)
K Side Rails
L Front Wheel Support
M Back Wheel Support
N Front Flyer Support
O Back Flyer Support
P Side Support Rails



HARDWARE LIST

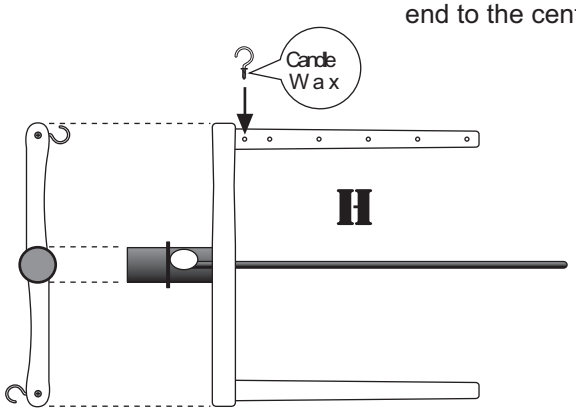
- **A** Drive Belt
- **B** O Clip
- **C** Leather Brake
- **D** Flyer Hooks
- **E** 50mm (2") Screws
- **F** Dome Caps
- **G** Flexible Joints
- **H** 25mm (1") Screws
- **I** Screw Eyes
- **J** Hex Nut
- **K** 19mm (3/4") Pan Head Screws
- **L** 16mm (5/8") Pan Head Screws
- **M** 50mm (2") Bolt
- **N** Hub Pin
- **O** 30mm (1 1/4") Screws
- **P** Nail
- **Q** Threader Hook & Tape
- **R** Hinges
- **S** 13mm (1/2") Screws
- **T** 19mm (3/4") Screws
- **U** Nylon Washer

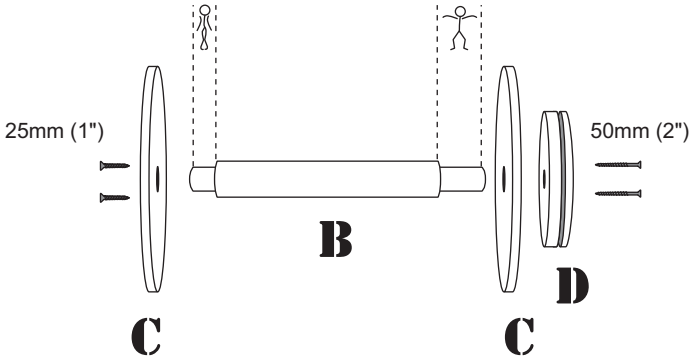
STEP 1

Screw the **Flyer hooks** into the flyer arms.

STEP 2

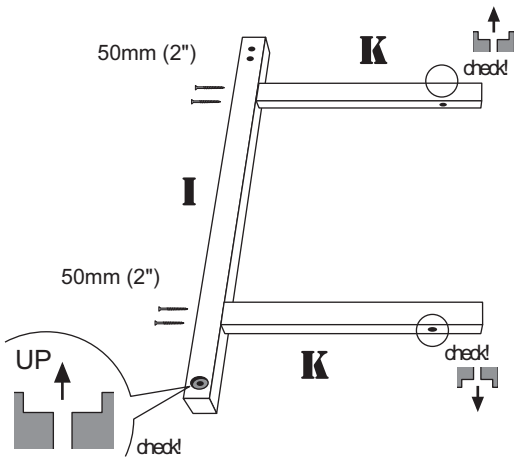
Assemble the bobbin by placing one bobbin end and the bobbin whorl over the long end of bobbin centre. Secure with **50mm (2")** screws. Secure other bobbin end to the centre with **25mm (1")** screws.

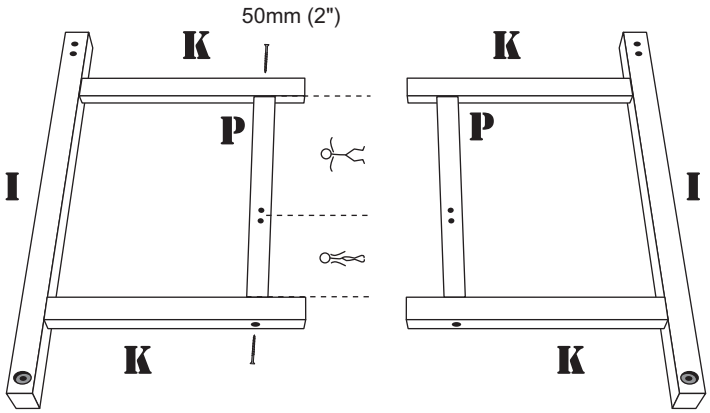




STEP 3

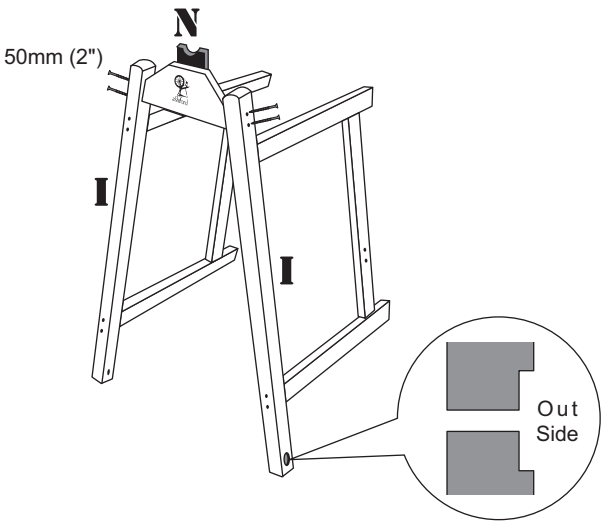
Use **50mm (2")** screw to assemble rails **K** to the front legs **I**. Then secure support rails **P** between rails **K** with **50mm (2")** screws.





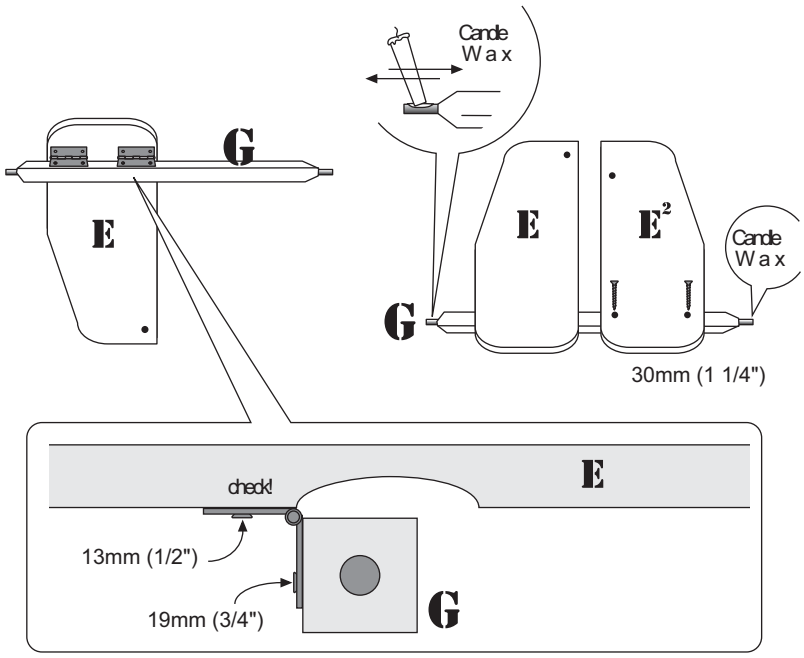
STEP 4

With the bearing facing inwards locate the front flyer support **N** between legs **I** and secure with **50mm (2")** screws. Partially tighten.



STEP 5

Secure **2 Hinges** to treadle rail **G** with **19mm (3/4")** Screws, and use **13mm (1/2")** Screws to secure left treadle board **E** to Hinges. Then secure right treadle board **E²** to treadle rail **G** with **30mm (1 1/4")** Screws.

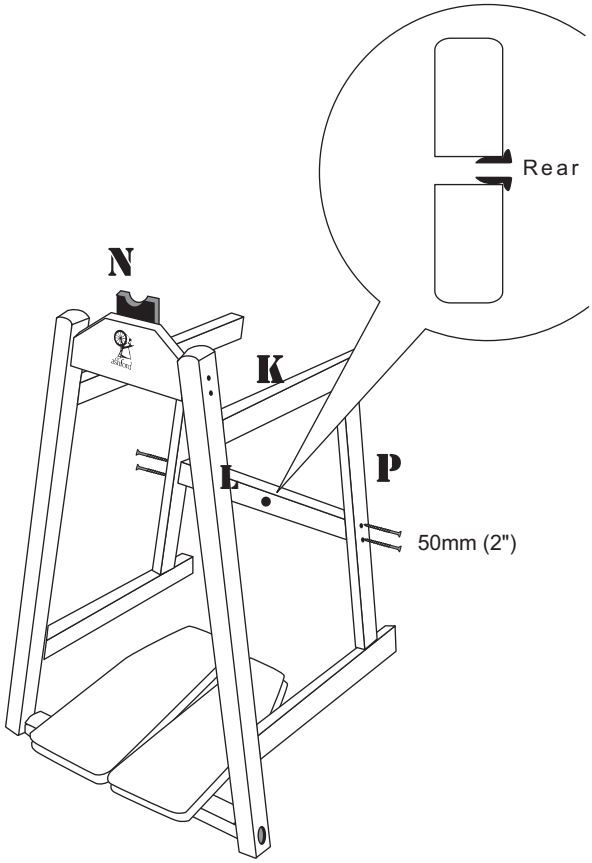


STEP 6

Place treadle assembly between legs **I** and tighten the screws into **N**.

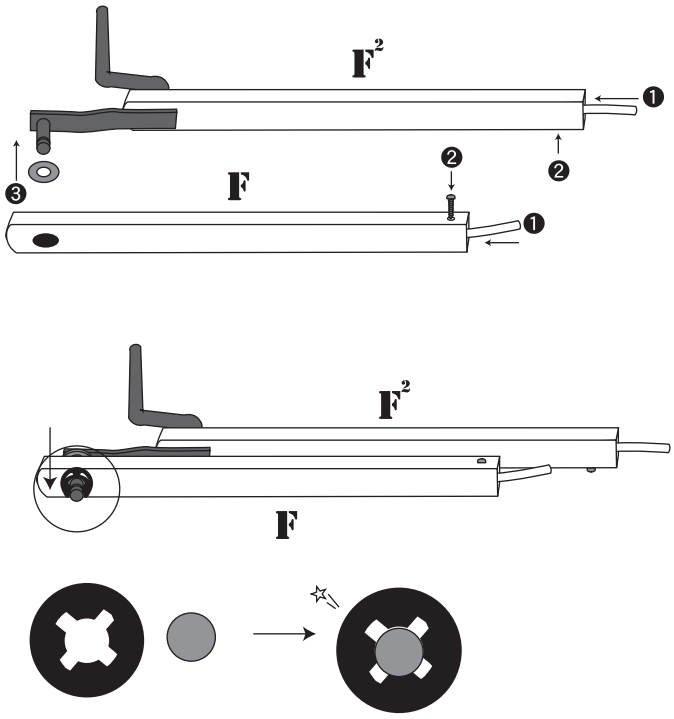
STEP 7

With **50mm (2")** screws, secure the front wheel support **L** between support rails **P**. Keep the bearing facing rear.



STEP 8

Secure one flexible joint into the bottom of each con rod **F** and **F²** with **16mm (5/8") pan head** screw. Put the **nylon washer** onto the crank, and then place the con rod **F** on the crank with the bearing facing out, and secure with the **O clip** (to remove, prize off with a screwdriver).



STEP 9

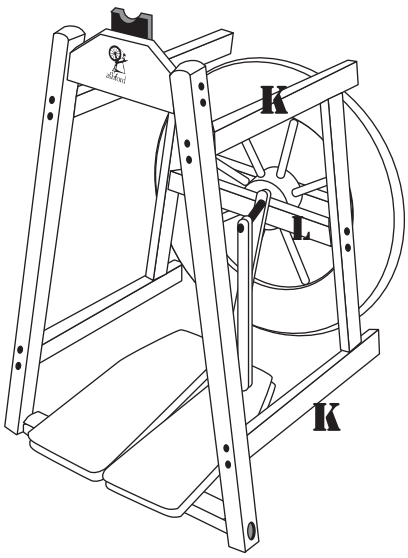
Push the crank through the front of the wheel support **L**. Then place the wheel on the crank with the tension pin slot to the rear. Place drive belt around the wheel.

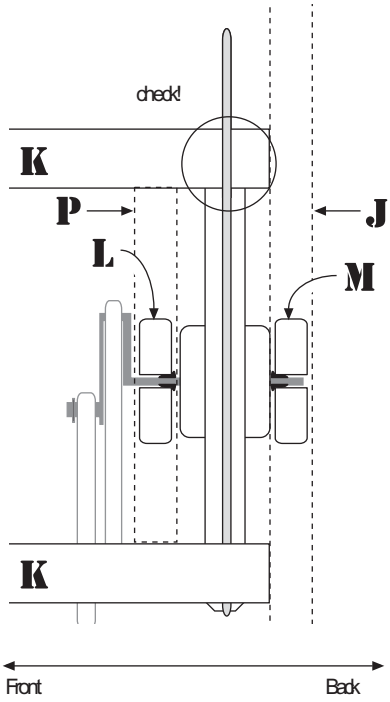
STEP 10

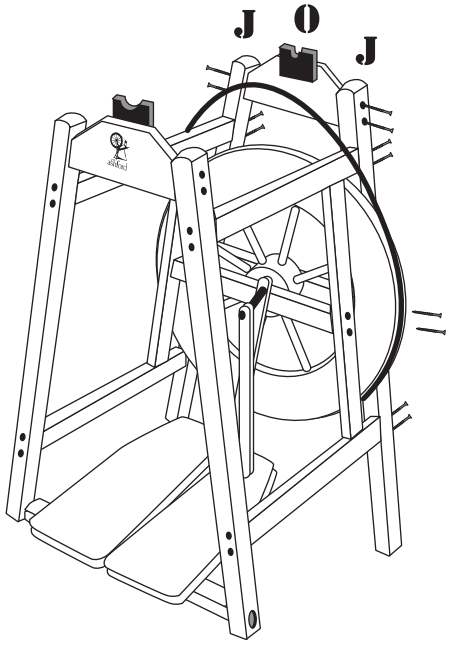
Make sure the drive belt is outside the top side rails **K**. Then secure the back legs **J** to the top and bottom rails **K** using **50mm (2")** screws.

STEP 11

With the bearing facing the wheel place the wheel support **M** on the crank and secure between legs **J**, with **50mm (2")** screws. With the bearing facing inwards locate the rear flyer support **O** between legs **J** and secure with **50mm (2")** screws.

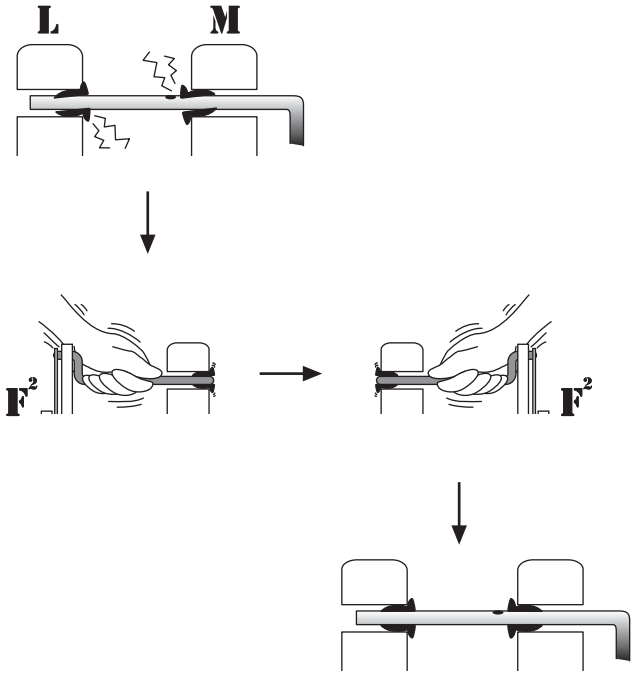






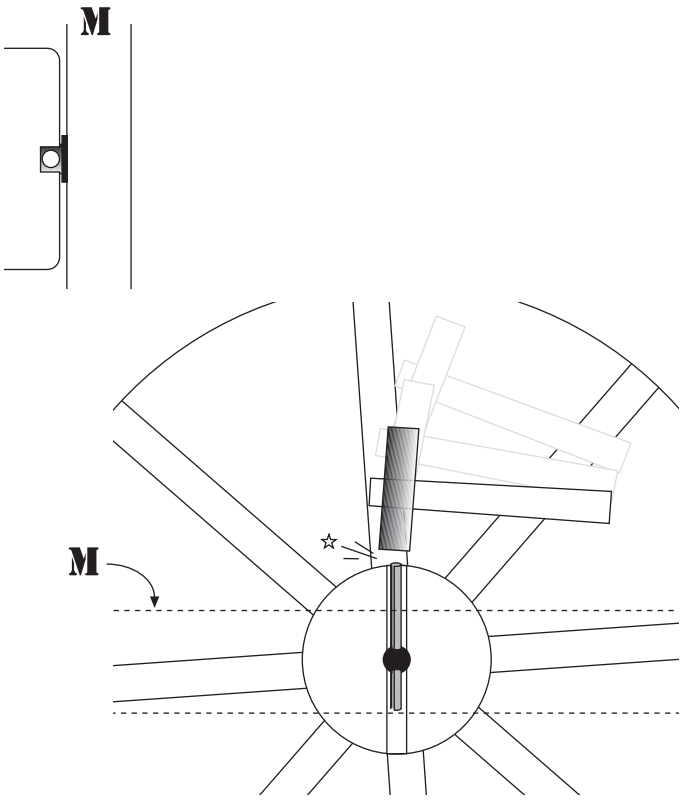
STEP 12

If the crank does not rotate freely , remove the crank, let the wheel rest down on rails **K**. Insert the top end of the crank into one bearing and move it vertically or horizontally. Then repeat for the other bearing testing the alignment of the two bearings as you proceed (*See illustration)* until the crank rotates freely.



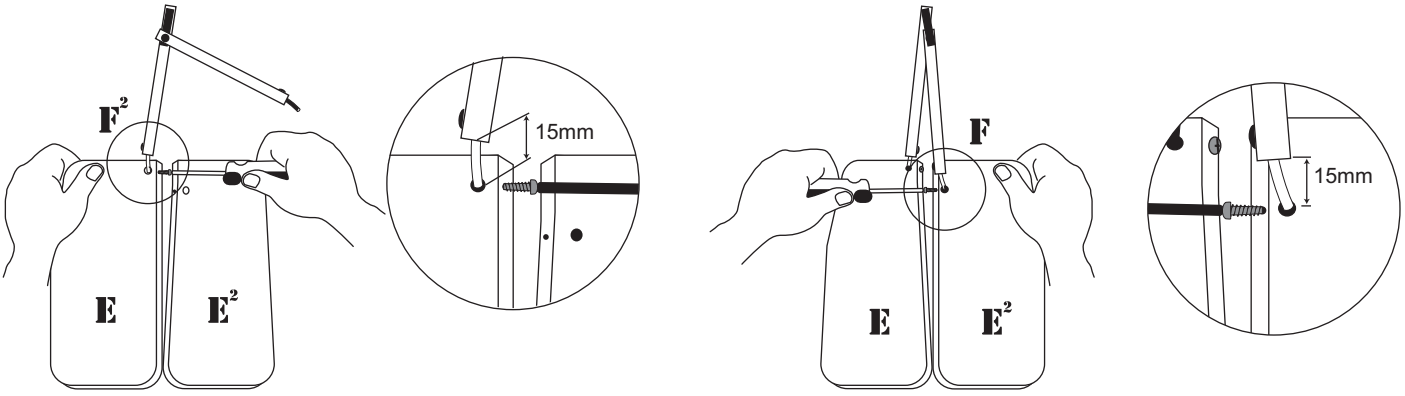
STEP 13

Line up the hole in the crank and slot in the hub with the **nail** provided. Remove the **nail** and carefully tap in the tension pin.



STEP 14

Attach each **flexible joint** to the treadle boards using a **19mm (3/4") pan head** screw. Leave approximate **16mm (5/8")** gap between the con rod and treadle board.

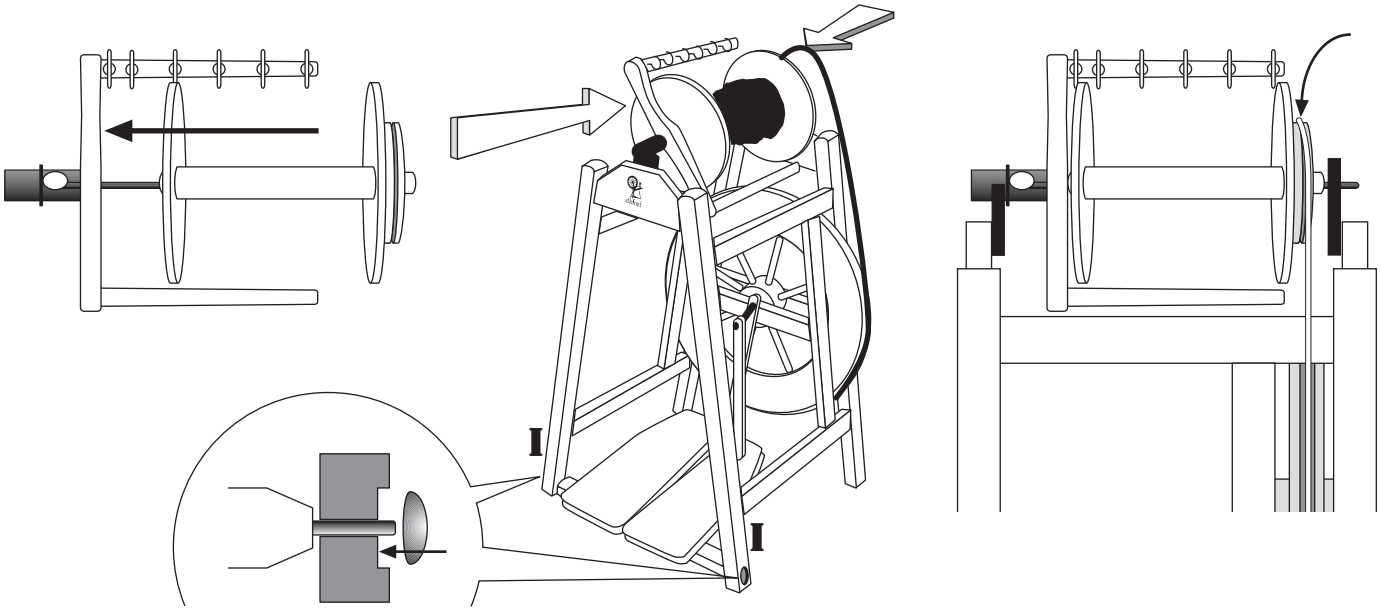


STEP 15

Place the bobbin on the flyer shaft and insert it between the bearings, placing drive band on the pulley at the same time.

STEP 16

Push the dome caps onto the steel treadle pins protruding through legs **I**.



STEP 17

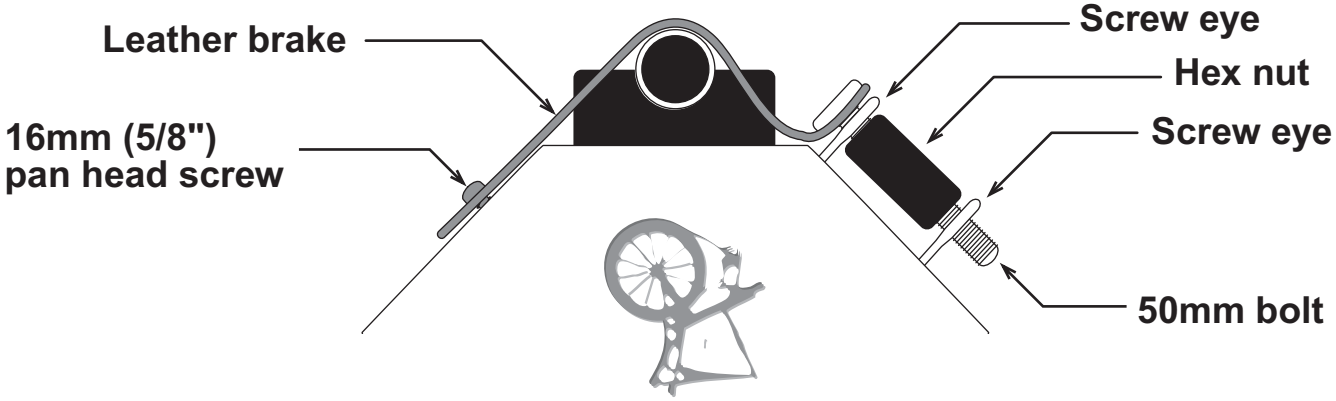
Screw the **leather brake** to the left side of the front flyer support with a **16mm (5/8") pan head** screw.

STEP 18

Screw the **two screw eyes** into the pilot holes in the right hand side of the front flyer support.

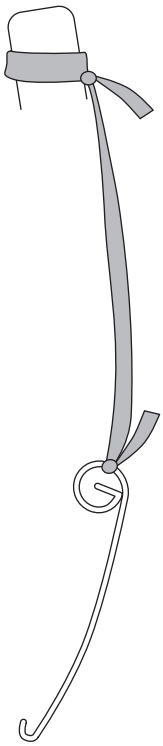
STEP 19

Push the **50mm (2") bolt** through the leather brake. Feed through the top screw hook, thread the **hex nut** on and then continue through the 2nd **screw eye**.

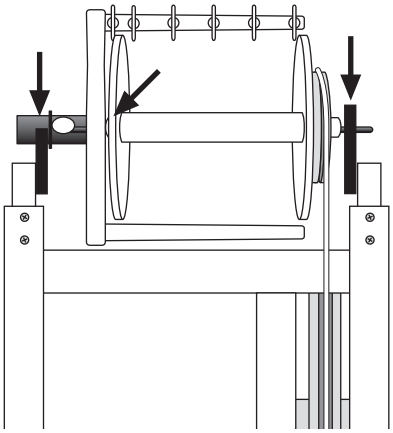


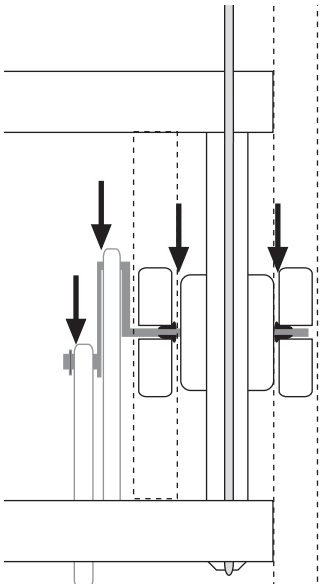
STEP 20:

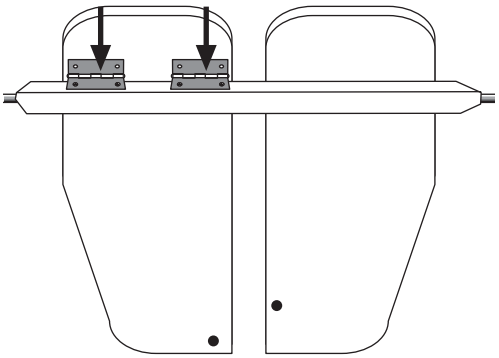
Threading hook assembly: thread tape through looped end of threading hook then tie ends together. This may now be hung on a convenient place on your spinning wheel for easy location.

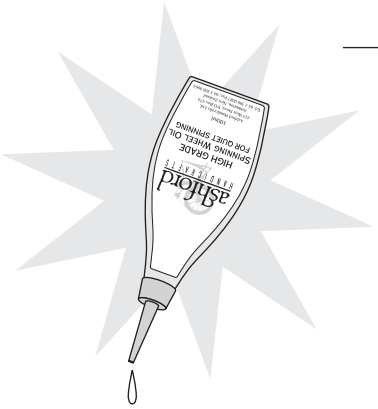


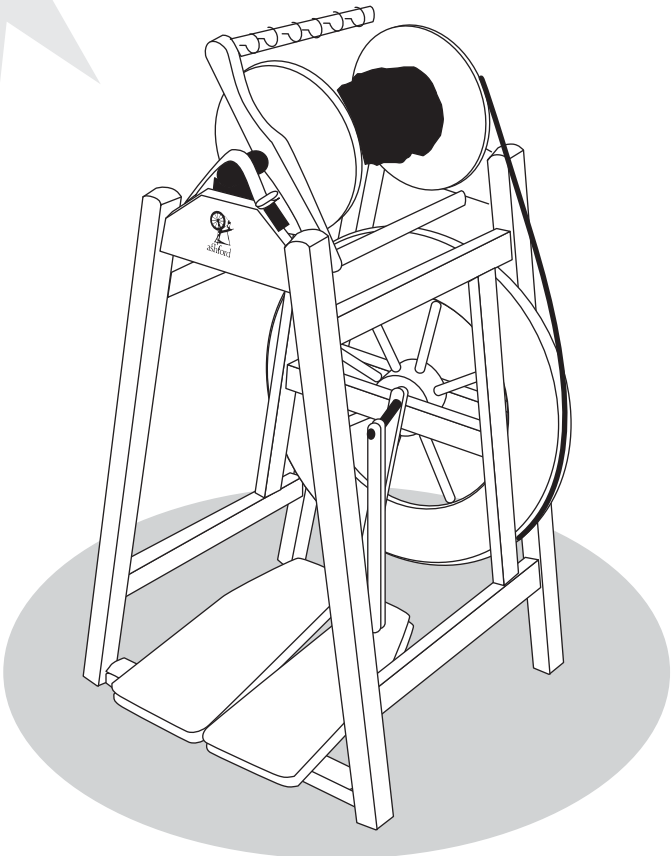
****Remove the band from the bobbin whorl when not in use to avoid stretching.***
****Oil all bearings regularly for silent effortless spinning. We recommend Ashford spinning wheel oil for this purpose.***

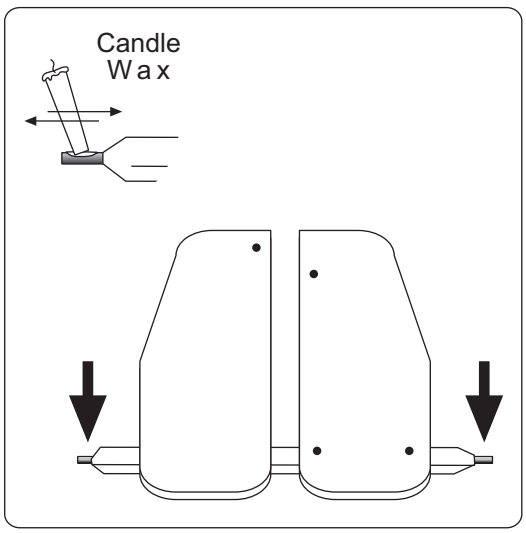












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