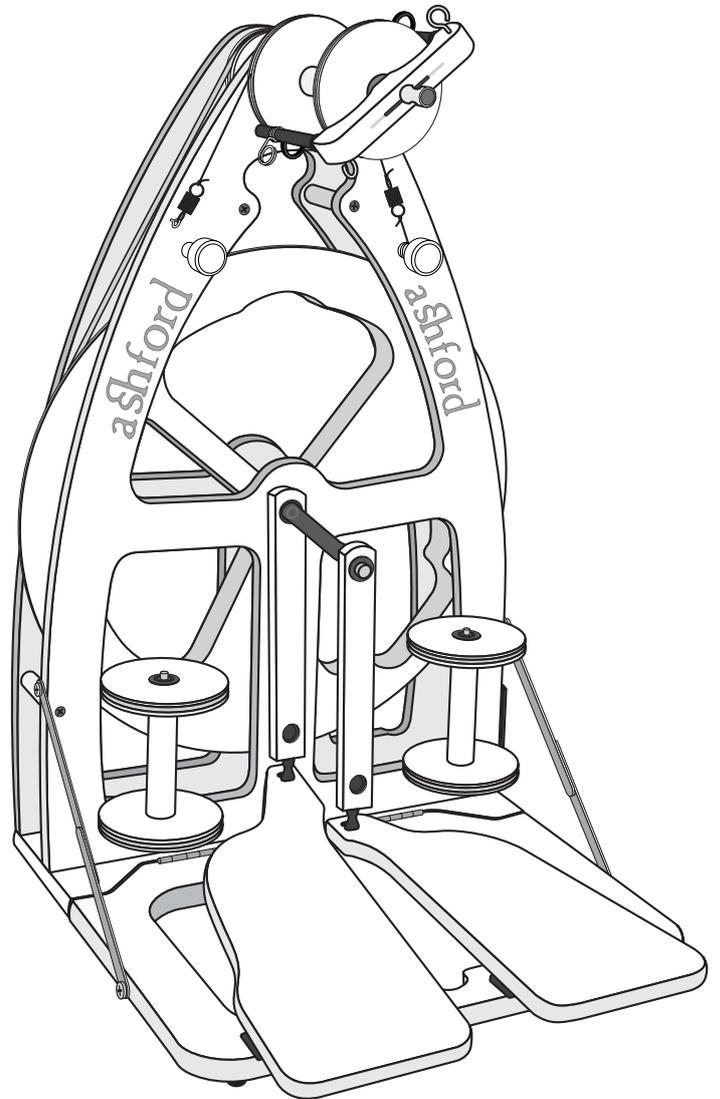
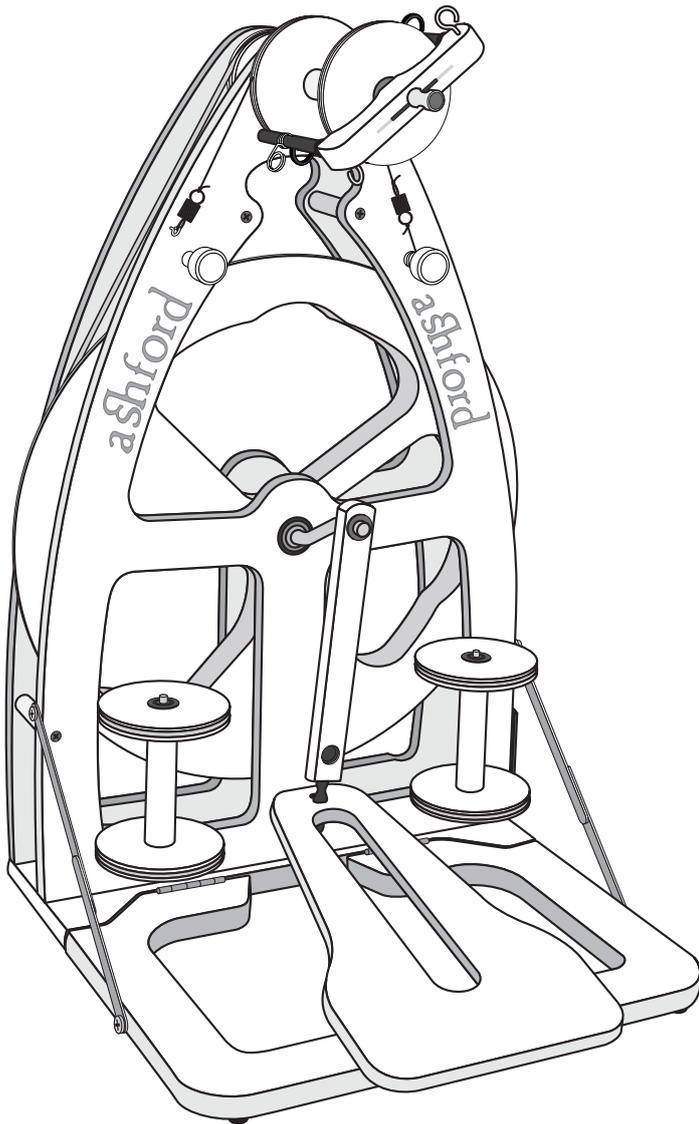


## JOY 2 SPINNING WHEEL

SINGLE AND DOUBLE TREADLE WITH A SLIDING HOOK FLYER



JASW020424

# ASSEMBLY INSTRUCTIONS FOR JOY 2 SPINNING WHEEL SINGLE AND DOUBLE TREADLE WITH A SLIDING HOOK FLYER

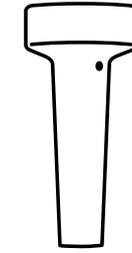
Your Joy 2 spinning wheel has been lacquered prior to assembly. If desired, the application of Ashford Finishing Wax Polish may further enhance its appearance.

Before commencing, please read the instructions completely, identify the parts and note the assembly sequence.

## Tools Required



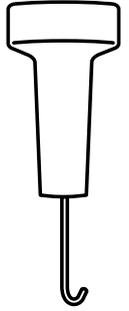
## Parts



Tension knob



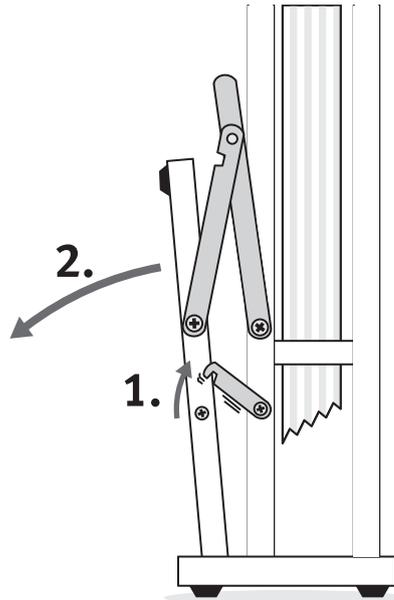
Brake band



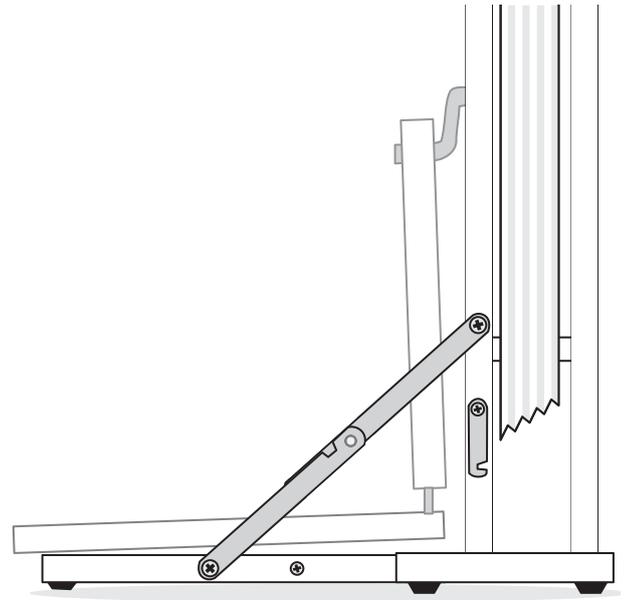
Threading hook

1

Disengage the latch.  
**Note: The screw on the treadle board has been tightened for shipping.** Loosen the screw, fold the treadle board down and lock the metal stays into position.



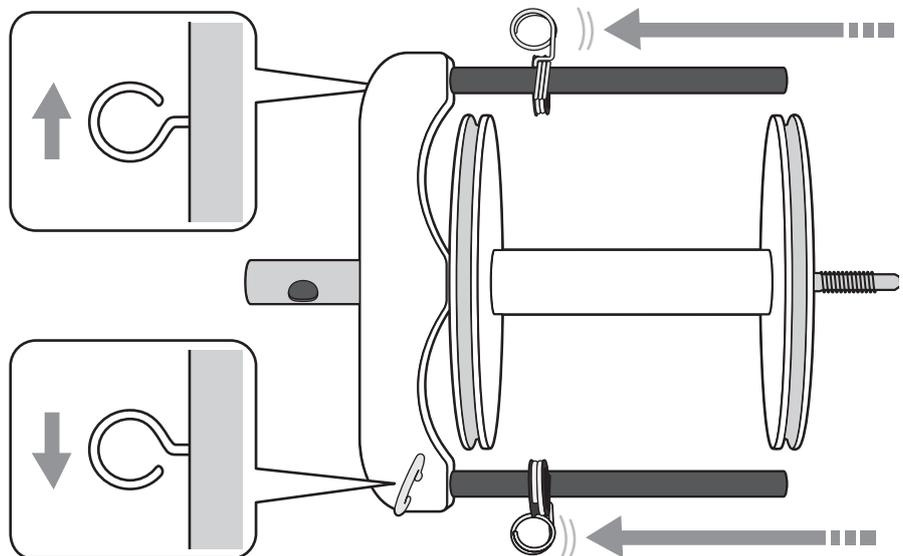
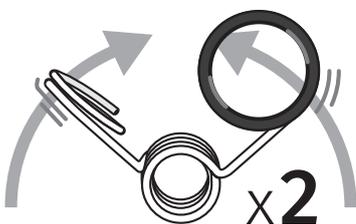
2.



2

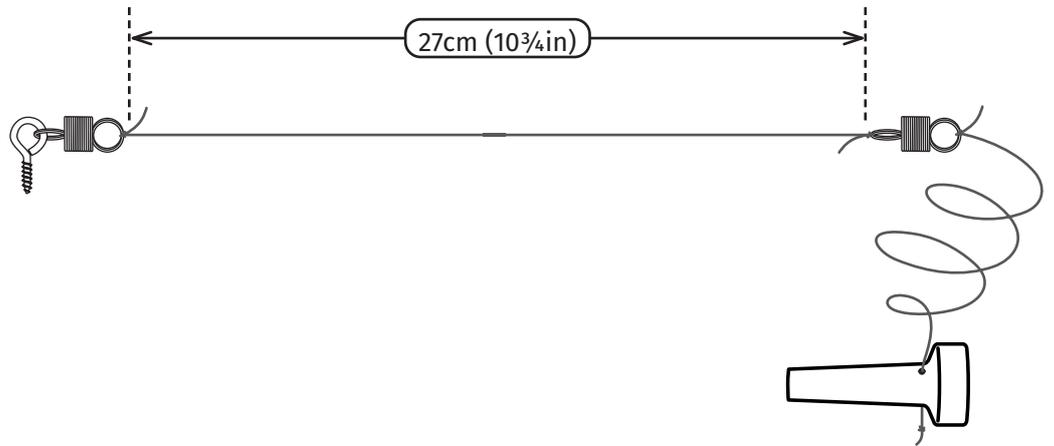


Wax, then thread the 2 hooks into the pilot holes in the flyer base. Squeeze and slide the stainless steel yarn guides onto the flyer arms.



3

Cut 40cm (16in) off the brake band. Tie one end to the spring attached to the screw eye and the other to the second spring so that you have 27cm (10¾in) between the 2 springs (See side of this page). Tie one end of the surplus nylon to the second spring, and thread the other end through the tension knob and tie a knot. Trim off surplus nylon.

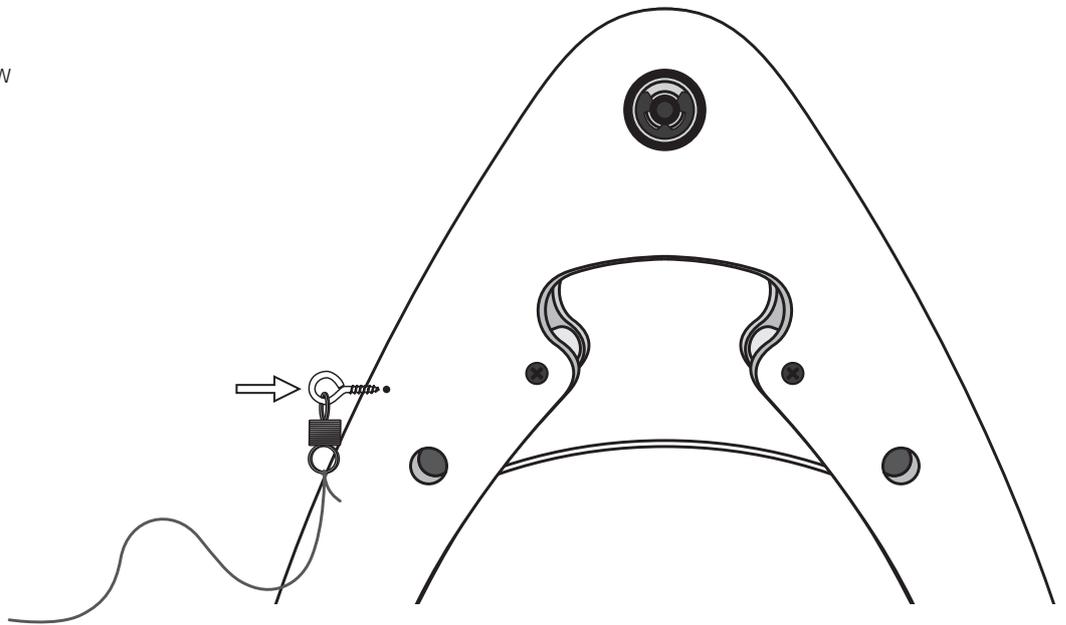


27cm (10¾in)

4



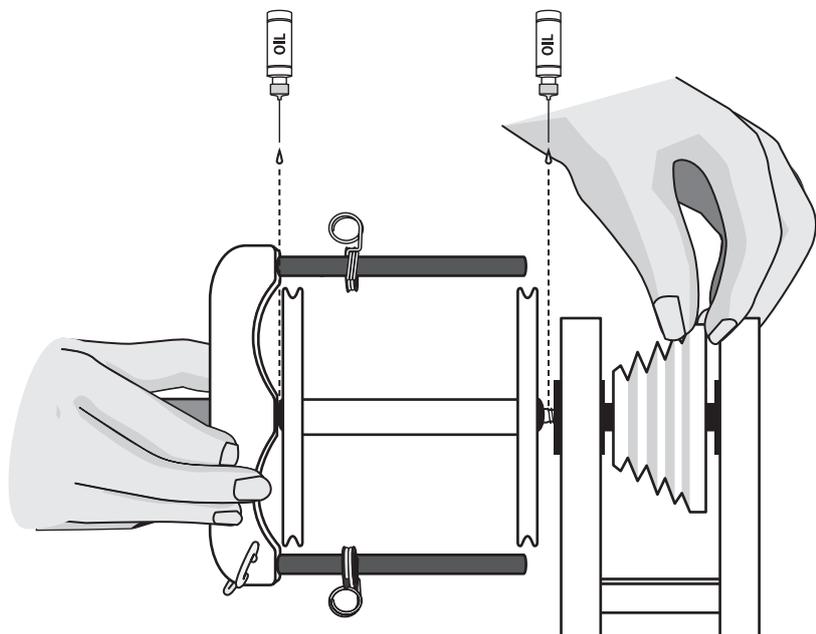
Wax, then thread the screw eye with the brake band spring attached into the hole in the front frame.



5

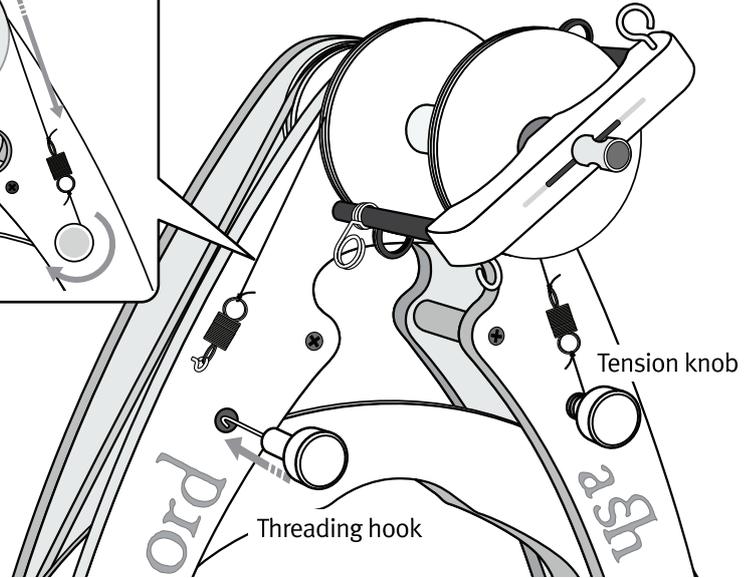
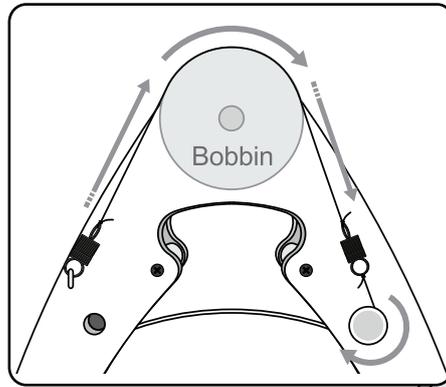
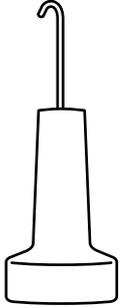


Apply a drop of oil to the flyer spindle and slide the bobbin on. Ashford spinning oil is ideal for this purpose. Thread the flyer spindle into the top shaft. Hold the flyer whorl with one hand and rotate the flyer clockwise with the other. Tighten firmly.



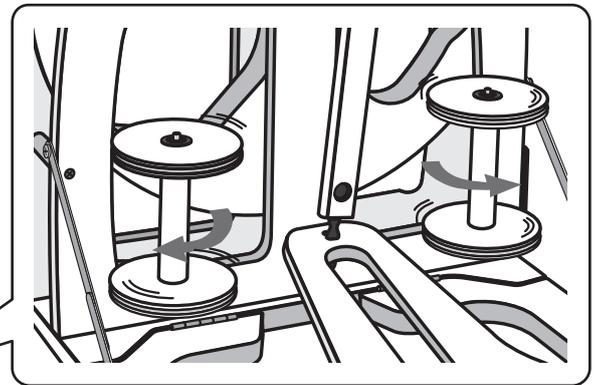
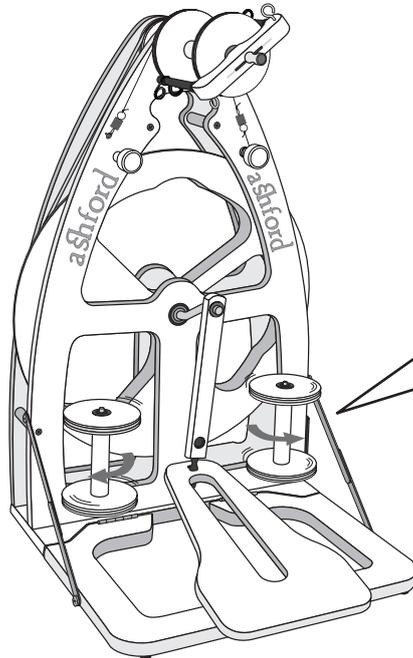
6

Insert the tapered tension knob and threading hook into the holes in the front. Place the brake band into the groove in the bobbin and adjust the tension knob so the springs only just begin to stretch.



7

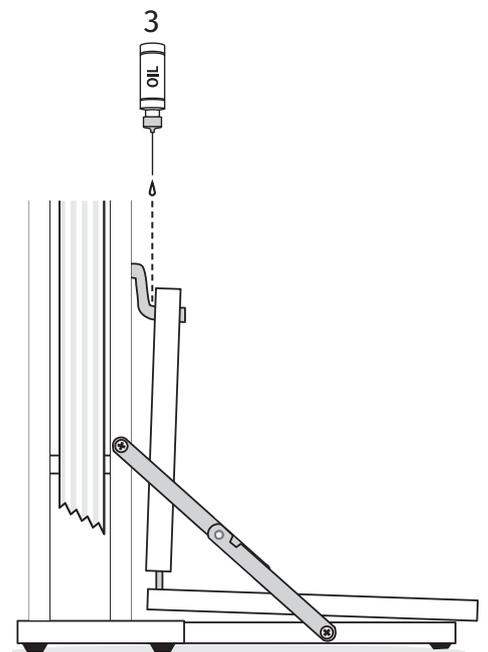
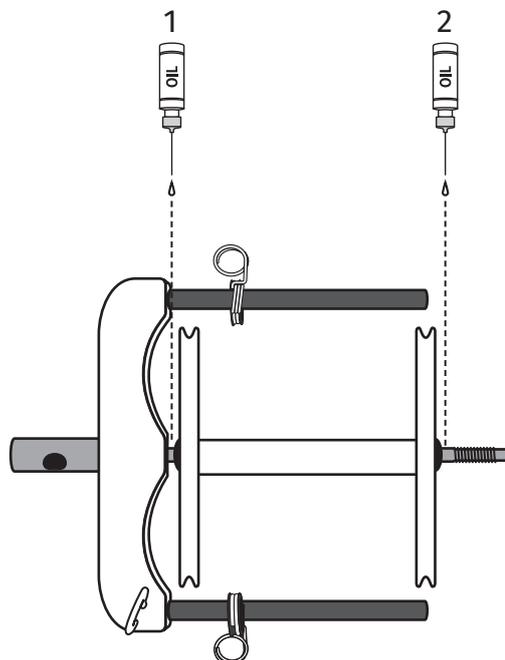
Locate the two spare bobbins onto the bobbin holders in the front frame. When plying or spinning bring the bobbins forward. Push them back before folding the treadle up.



8



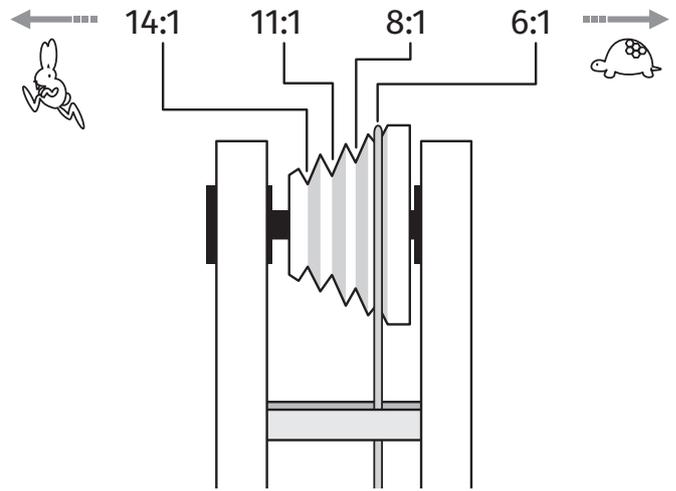
To make spinning easier apply a drop of Ashford Spinning Wheel Oil to the flyer, bobbin and conrod bearings. Note: The ball bearings are sealed for life and **do not** require oiling.



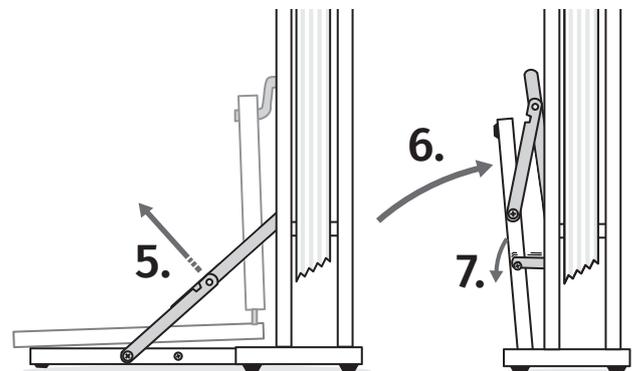
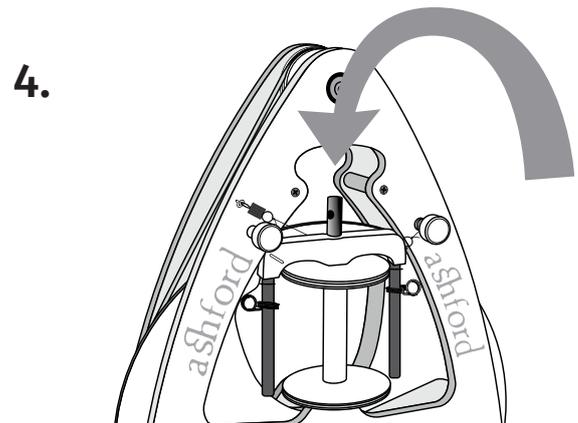
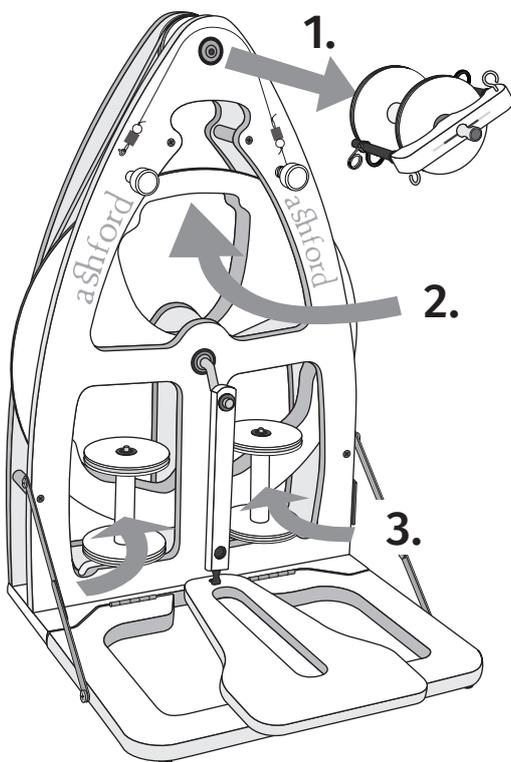
## Ratio

Position the stretchy drive cord around the smallest groove in the wheel and then over the largest flyer whorl. This gives a flyer to wheel ratio of 6:1. The other ratios are 8, 11 and 14:1. When changing ratios ensure the drive cord directly aligns the wheel and flyer whorl. When spinning coarse fibres or thick yarns use the slowest flyer speed of 6:1. For fine fibres and yarns use a higher ratio.

Note: When not in use, always release the tension on the drive belt by moving it to a smaller flyer whorl.

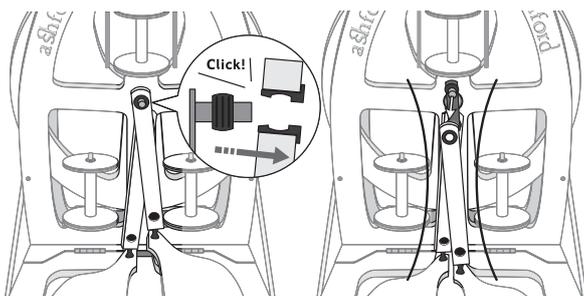


## Folding up your Spinning Wheel



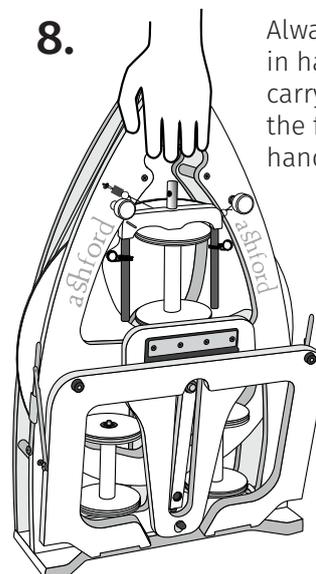
**Single treadle:** Before folding always rotate the wheel so the crank is to the bottom. This avoids unnecessary stress on the conrod, flexible joint or bearing.

### Double treadle only



**Double treadle:** Before folding, click the outside conrod off, then rotate the wheel so the inside crank is to the bottom. This avoids unnecessary stress on the conrod, flexible joint or bearing.

**8.** Always carry it by the built in handle or in the optional carry bag. Do not carry it by the flyer which could bend if handled roughly.

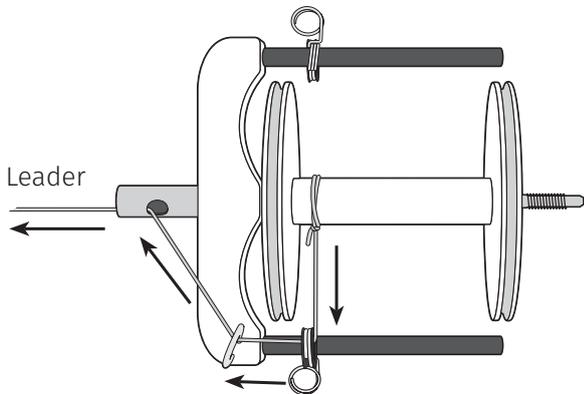


Joy carry bag

# You are now ready to start spinning

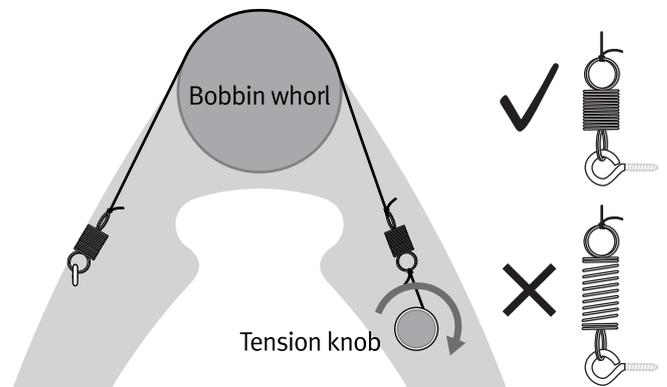
## Step 1

Tie a piece of yarn called a leader, approx. 1m (1yd) long, on to the bobbin. Thread it through the yarn guide, around the flyer hook on the **right-hand side of the flyer** and out through the orifice.



## Step 2

Adjust the tension knob so that the brake band springs are only just starting to be extended. Too much tension will make treading harder.



## Step 3

Sit in a comfortable position. A straight back Ashford Spinning Chair is ideal. On the single treadle Joy 2, treadle with either foot or both together.

## Step 4

The wheel is weighted so the crank will always come to rest in the 1 o'clock position. To start spinning just push down with your foot. Practice treading slowly clockwise.

## Step 5

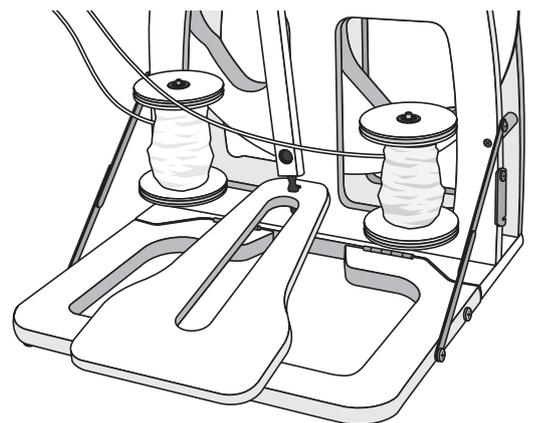
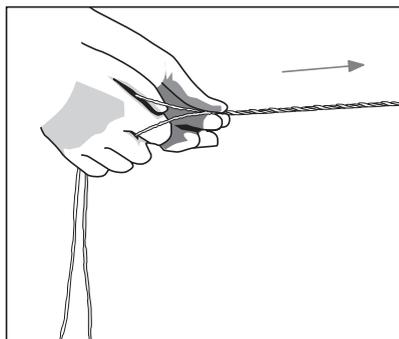
Join your prepared fibres onto the leader. Now you are spinning singles. Treadle slowly.



## Step 6

To ply two singles together, place two bobbins of single ply yarn on the two bobbin storage pins. Tie these two yarns onto the leader. Treadle the wheel anti-clockwise.

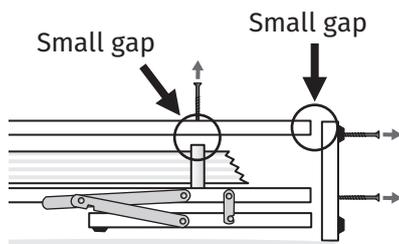
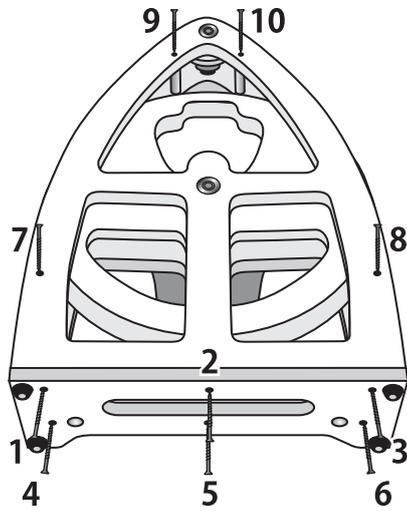
For further spinning information refer to "The Ashford Book of Hand Spinning", a 116 page book full of ideas and inspirations for spinners.



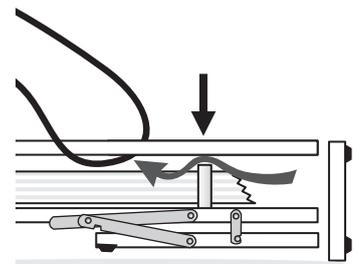
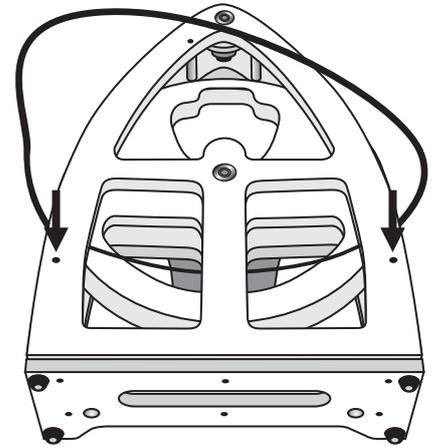
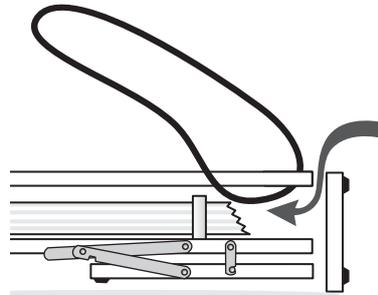
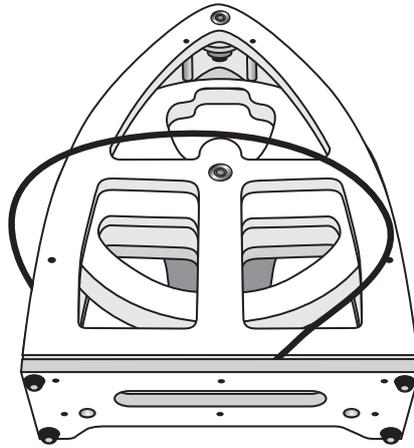
# Maintenance

## Replacing a broken or worn drive belt

**1.** Take these 10 screws out.



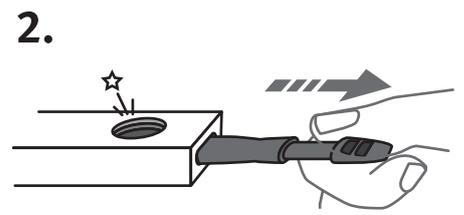
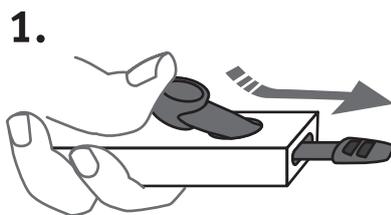
**2.** Slide new band in place.



↳ Tighten all screws.

### Memo

How to insert the polyurethane conrod joints into the conrod.  
\*This has been pre-assembled in the factory.



## More Information



### How-to videos on You Tube

Watch our how-to videos on You Tube.  
@AshfordNZ



### Blog

For inspirational articles, patterns and projects. Subscribe for free to the Ashford Blog [www.ashford.co.nz/blog](http://www.ashford.co.nz/blog)



### Facebook

Join us on facebook [ashford.wheels.ooms](https://www.facebook.com/ashford.wheels.ooms)