

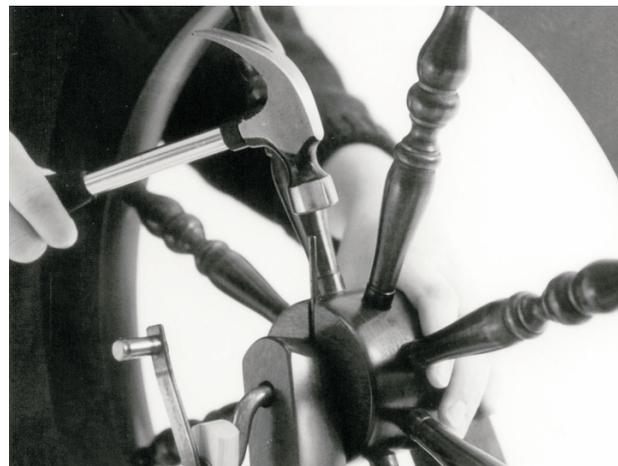
DOUBLE TREADLE KIT ASHFORD TRADITIONAL SINGLE OR DOUBLE DRIVE

Tools Required: Hammer, slot screwdriver, candlewax, Ashford Spinning Wheel Oil.

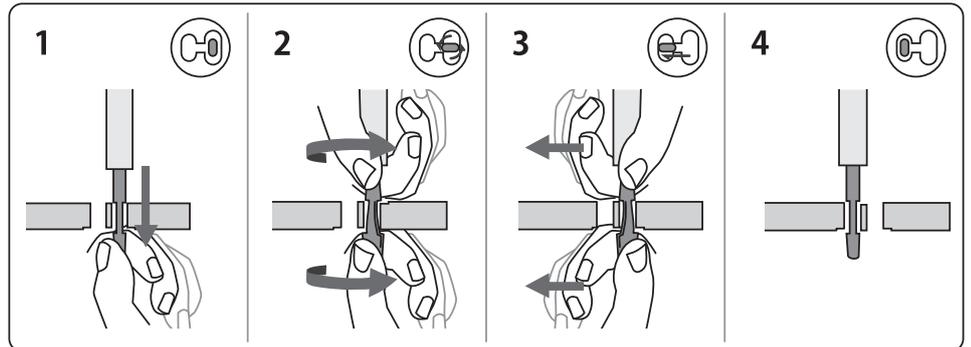
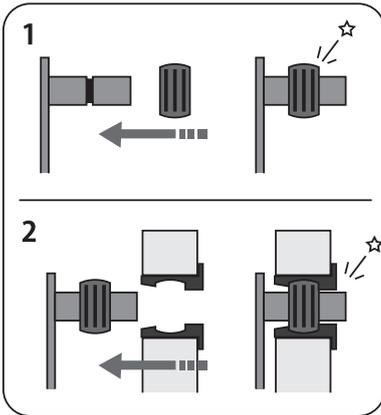
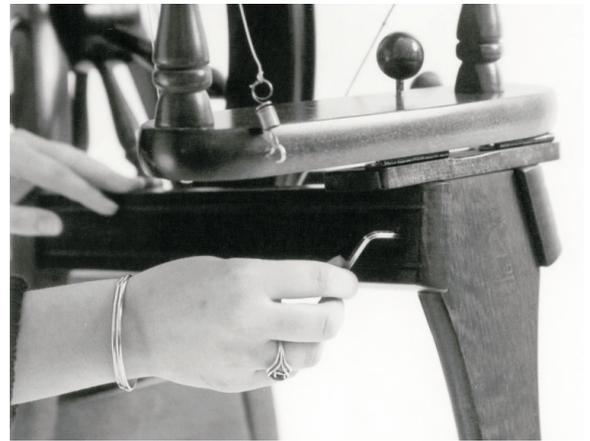
Finishing the Wood: We recommend the wood surfaces be sealed before assembly. This protects the kiln dried wood from climatic changes and enhances its beauty. Use either the Ashford Wax Finish or the same finish as the rest of your wheel.

Assembly Sequence: Please read these instructions right through before commencing.

1. Depending on the age of your wheel, remove from the con rod end of the crank either:
 - a) the split pin with a pair of pliers
 - b) the O-ring with a pin or needle
 - c) the E-clip with a small screwdriverTake off old con rod from the crank or
 - d) snap con rod off crank
2. Remove the hub pin. - Use the nail provided and a hammer. Note: on earlier models the hub pin is in the middle of the hub. Avoid damaging the spokes. Place a flat steel object such as pliers or a spanner over the nail and hammer it.
3. Remove the crank from the wheel.
On old spinning wheels use a slot screwdriver to prise the bent 1/8" diameter hub pin out.
4. Remove the wheel from the frame. Clean the bearings and wheel. Remove any fibres that may have collected around the crank.
5. Replace the wheel into position. Note: the hub pin is on the same side as the con rods.
6. Push the double treadle crank (with the inner con rod attached) through the wheel supports and hub. There are two holes in the crank. One will fit your wheel.
7. Place the nail down the hub pin slot and into the hole in the crank. Remove the nail and replace it with the hub pin.



8. Loosen the bolts or screws holding the single leg to the frame. Use either the allen key provided or a slot screwdriver. Remove the old treadle rail.
9. Rub candle wax onto the steel pins projecting from the new treadle rail.
10. Place the Double Treadle Assembly into position between the two legs.
11. Push the single leg against the treadle rail. Retighten the bolts or screws.



12. Slide the inner shell of the conrod universal joint onto the crank until it clicks into the groove. Then click the rear conrod onto the universal joint on the crank.
13. Insert the front conrod into the large slot in right hand treadle board. Hold the conrod joint with one hand on either side of the treadle board. With both hands, turn the conrod joint a $\frac{1}{4}$ turn. Stretch and slide it into the small slot and turn it back a $\frac{1}{4}$ turn until it clicks into place. Repeat the sequence for the rear conrod and the left treadle board.
14. Lubricate all moving parts with Ashford Spinning Wheel Oil. Now you can enjoy spinning on your new Ashford Double Treadle Kit.



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