

DOUBLE TREADLE KIT

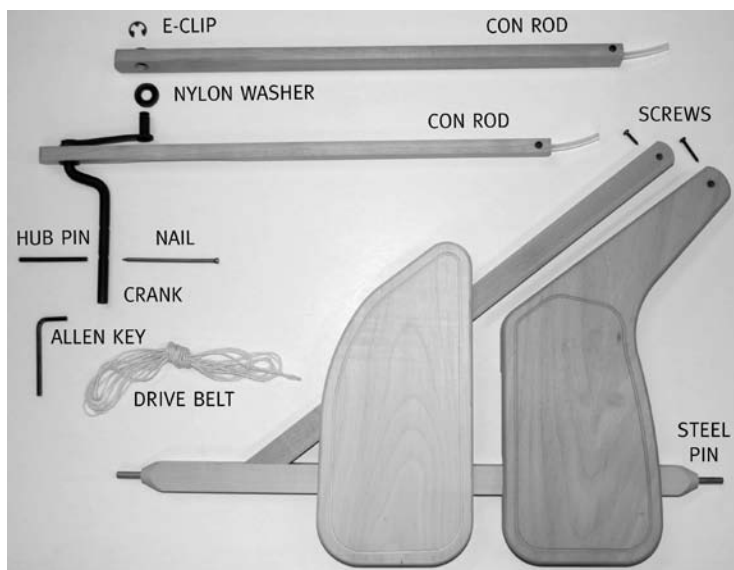
ASHFORD TRADITIONAL SINGLE OR DOUBLE

Tools Required: Hammer, slot screwdriver, philips (pozi) 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.

Parts:



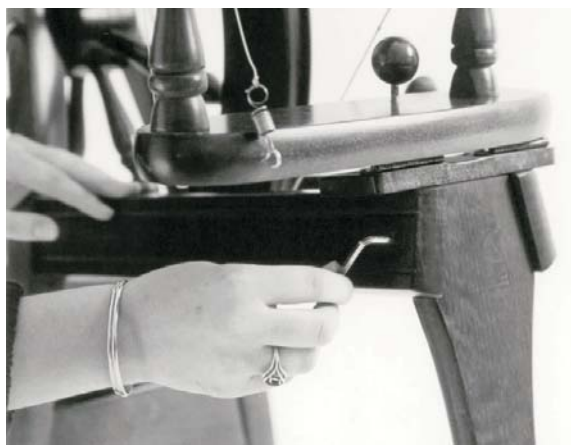
1. Remove from the crank either:
 - a) the split pin with a pair of pliers
 - b) the O-ring with a pin or needle
 - c) the E-clip with a small screwdriver
 Take off old con rod from the crank.
2. Remove the hub pin. - Use the nail provided and a hammer. Note: on earlier models the hub pin is in the middle 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.
 - b) 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 into the 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.



14. Push the E clip into the groove in the end of the crank with a screwdriver.
15. Attach the con rod joints to the treadle boards with screws. Leave about 19 mm (3/4in) gap between the con rod and treadle board.



12. Locate the nylon washer onto the end of the crank.
13. Position the outside con rod onto the end of the crank. The nylon bearing towards the outside.



16. If the new treadle rail touches the back leg lie the wheel down, loosen the screws attaching the treadle rail to the treadle board. Move it slightly away and retighten the screws.
17. Lubricate all moving parts with Ashford Spinning Wheel Oil. Now you can enjoy spinning on your new Ashford Double Treadle Kit.

Special Features:

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| Easy to start - | no need to use your hands. Just start treading. Enjoy comfortable heel and toe action. |
| New treading action - | the cranks are off set 10 degrees so you can start the wheel in either direction. |
| Good posture - | when you use both feet to treadle your body is naturally in balance. |
| Less muscle fatigue - | the Double Treadle Kit reduces ankle, leg and hip fatigue. |
| Update kit - | your spinning wheel has now been updated with the new crank and con rod joints. No more clunky treading. |



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