

DOUBLE TREADLE KIT

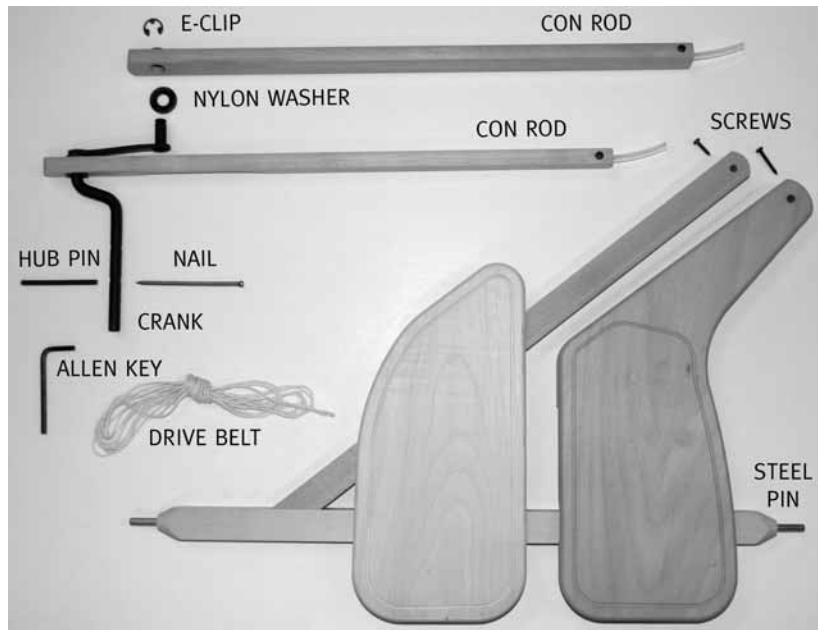
ASHFORD TRADITIONAL SINGLE OR DOUBLE

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.
 - a) 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.



- 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.
- 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 (¾in) gap between the con rod and treadle board.



- 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:

- 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.

Ashford Handicrafts Ltd.
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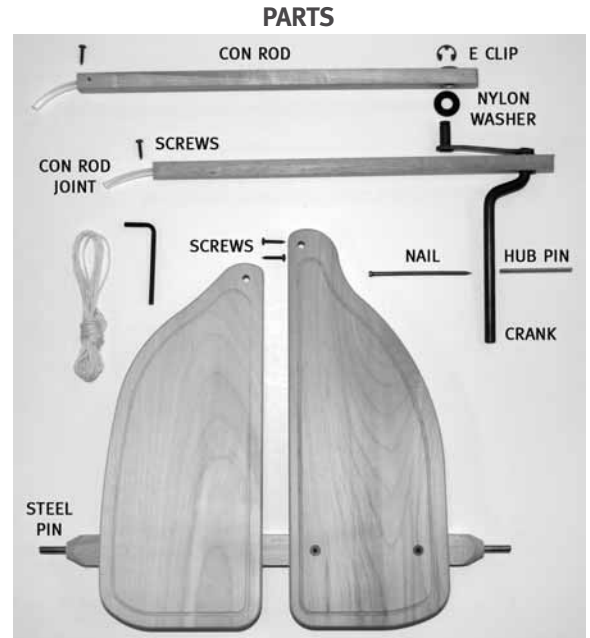
ASHFORD TRAVELLER SINGLE OR DOUBLE DRIVE

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.

- 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.
- a) 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) Remove the screw securing one front leg to the base.
- 6) Carefully twist and pull this leg from the frame. **Note:** it is possible this leg will be tight in the hole due to being a firm fit when manufactured.



- If it is tight:
- a) Remove the other front leg (remove the screw first).
 - b) Hold the spinning wheel upside down by the leg. Protect the base with a piece of wood. Then tap the base with a hammer. Two people may be necessary for this task.
 - c) If the leg has been glued and cannot be removed, detach the old treadle board and rear rail. Detach the double treadle boards from the treadle rail. Mark the position of the starter holes in the old treadle rail using a paper template. Check position of holes with the new treadle boards. If okay drill starter holes 2.5mm diameter 19mm deep. Attach the double treadle boards to the treadle rail.





7) Locate one end of the double treadle rail into the hole in the leg in the base. Place the other leg onto the other end. Push the leg back into the base. Check the treadle rail moves freely. Hammer the leg in and secure with screws.

8) Replace the wheel into position **Note:** the hub pin is on the same side as the con rods.

9) 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.

10) 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.

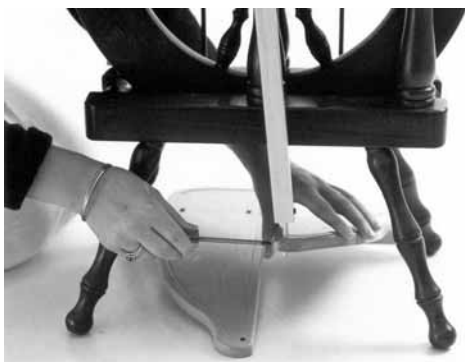


11) Locate the nylon washer onto the end of the crank.

12) Position the outside con rod onto the end of the crank. The nylon bearing towards the outside.

13) Push the E clip into the groove in the end of the crank with a screwdriver.

14) Attach the con rod joints to the treadle boards with screws. Leave about 19mm (3/4in) gap between the con rod and treadle board.



Lubricate all moving parts with Ashford Spinning Wheel Oil.
Now you can enjoy spinning on your new Ashford Double Treadle Kit.



Special Features:

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.

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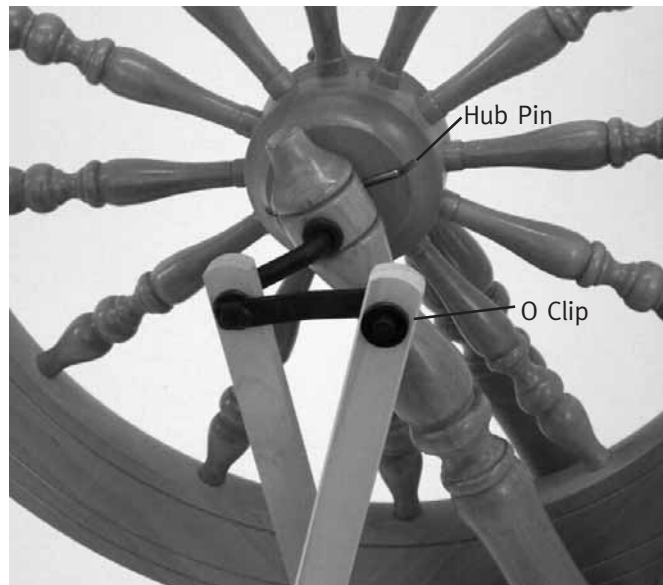
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DOUBLE TREADLE KIT ASHFORD ELIZABETH SPINNING WHEEL

Tools Required: Hammer, slot screwdriver, philips (pozi) screwdriver, candlewax, Ashford Spinning Wheel Oil.

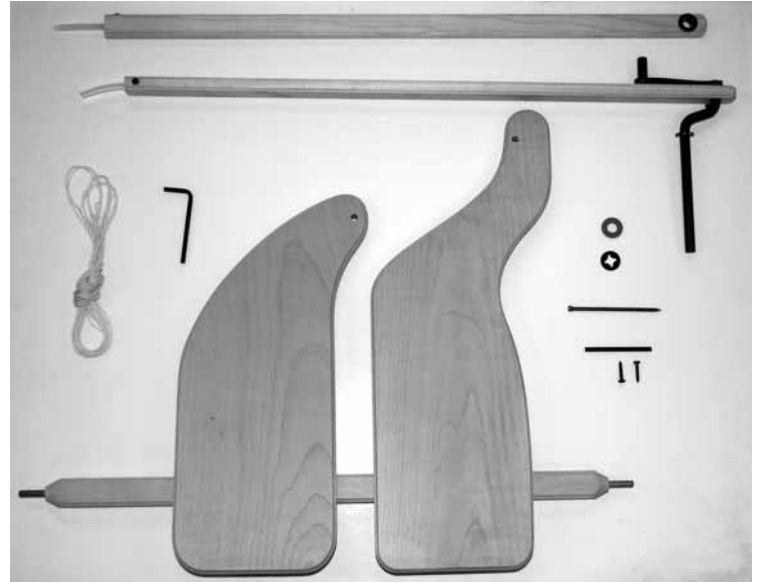
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Assembly Sequence: Please read these instructions right through before commencing.



- 3) Remove the crank from the wheel.
- 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.
- 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.

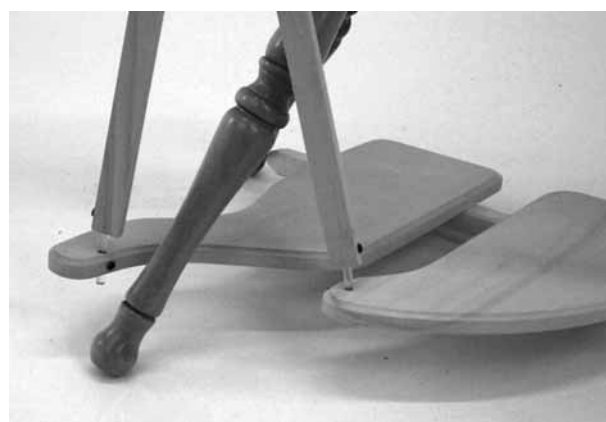
PARTS



- 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.
 - a) 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.



- 8) Loosen the screw holding the rear leg to the base. Remove the leg and 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 rear leg back into the base and retighten the screw.
- 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.
- 14) Push the O 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 19mm (¾in) gap between the con rod and treadle board.



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