

revised
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Jonathan Bosworth

29 Main Street  Acton MA 01720-3505

978/264-0584 WWW.JOURNEYWHEEL.COM SHEILABB@EARTHLINK.NET

Instructions for using your Attaché-case Journey Wheel **CHARKHA**

Introduction.

Your Journey Wheel Charkha combines the elements of Gandhi's portable charkha wheel with a few technological improvements to make your spinning easier and more productive. It is designed to turn the main wheel with your right hand while drafting with your left.

Dimensions: 4 x 16 x 11 inches

Weight: between 5 and 5.25 pounds

Materials: cherry with brass fittings

Finish: linseed oil, hand-rubbed wax finish

Ratio: about 110:1

Belts: primary belt, urethane;

secondary belt, cotton carpet warp

Each spinning wheel, new or old, has its own personality. You will become familiar with the character of your Journey Wheel Charkha as you use it. Take it with you to spinning guild meetings, spin-ins, classes, or wherever you may be traveling. Spin just a half-hour each day, and you and your Journey Wheel Charkha will come to terms in a most companionable way.

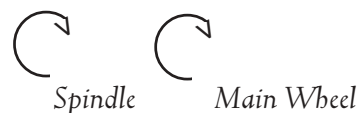
Each Journey Wheel Charkha is tested before shipping to be sure that everything works properly. Should you have any questions or problems, please do not hesitate to contact us.

Opening and closing the box...

Set your Journey Wheel Charkha on a flat surface with the carrying handle in front of you and the bottom face of the charkha case resting on its four padded feet. Release the latch on the right-hand end of the case and swing the top half open to the left so that the Charkha now lies completely flat. Loop the secondary belt around the big pulley on the accelerator wheel and over the

spindle support-bearing pulley. [*Hint:* The "mousetrap" may be easily pivoted up by pulling on the cord that attaches to the locking wedge.] The direction of spindle rotation will be chosen by the way the belt runs between the two.

Z twist (*clockwise*)—Spindle & Main Wheel turn in **same** direction: Place the secondary belt on the spindle mount pulley so that the belt leads over the top of the pulley and then to the far side of the accelerator wheel.



S twist (*counterclockwise*)—Spindle & Main Wheel turn in **opposite** directions: Place the secondary belt on the spindle mount pulley so that the belt leads over the top of the pulley and then to the near side of the accelerator wheel.



The position of the mousetrap can be adjusted by sliding the wedge back to release the carriage; press into place gently to hold the carriage in its new position. To place the spindle, simply slide the back end of it into the opening near you and the magnet will pull it into position.

To close the Journey Wheel Charkha, first remove the spindle from its bearing mount by pushing firmly at the back end to release it from the holding magnet. All spindles — whether from the magnetic holder or from the built-in lazy kate — must be stored when not in use in the compartments with sliding tops. The Journey Wheel Charkha will not close with the spindles in the lazy kate. Check to be sure that the compartment latches

Creator of the Journey Wheel™

are in the closed position. Remove the belt connecting the accelerator pulley and the spindle bearing mount, and allow the spring-loaded spindle bearing mount to fold itself into the box. Turn the main wheel so that the knob is near the accelerator wheel. Swing the top (*left*) portion of the case up over the bottom (*right*), and latch it closed.

Storage compartments...

Following traditional Indian design, your **Journey Wheel Charkha** has two storage compartments. The upper left pocket contains the yarn guide. The storage compartments can be locked shut with the small wooden latches. Be sure to lock the compartments in the closed position before closing the **Journey Wheel Charkha** case.

Spindles...

There is no need to remove the secondary belt to change spindles in your **Journey Wheel Charkha**. The sealed spindle bearing is mounted in the unit and **should not be oiled**. The magnet will hold the spindle in place. To place the spindle, simply slide the back end of it into the opening near you and the magnet will pull it into position. To remove the spindle, push on the exposed far end. You need push only hard enough to break the magnetic bond. Do not pull the spindle from the working tip or your spindle may bend.

Changing the Spindle angle...

The **Journey Wheel Charkha** spindle mount comes pre-set for angled spinning (*spindle pointed down*). To re-set the spindle for horizontal spinning (*spindle parallel to the box*), fold the spring-loaded spindle mount back toward the accelerator wheel. Note the two screws on the aluminum mounting arm which attach the bearing assembly to the wooden upright. Slightly loosen the upper screw and remove the lower one. Pivot the mounting arm and replace the lower screw in the second hole in the wooden upright so that the arm is horizontal. Tighten both screws.

Lazy Kate...

The lazy kate in your **Journey Wheel Charkha** is built in and permanently placed to the right of the storage

compartment closest to you. The lazy kate holds up to three spindles. The lazy kate may also be used for plying. As above, tension your yarn with your left hand, and turn the wheel with your right.

Skeinwinder...

To use your **Journey Wheel Charkha Skeinwinder**, first remove the secondary belt (*for charkhas made before April 2002*: remove both belts and turn the main wheel so that the knob is away from the accelerator wheel). Lift the two halves of the winder from the right side of the case and assemble them on top of the accelerator wheel. Open the far compartment and stand up the yarn guide (the little post with the eye hook). Place your filled spindles in the lazy kate (use slots 1 and 3 for 2-ply yarn); run the yarn from the spindle through the yarn guide and attach it to one arm of the skeinwinder with a few turns or a light knot. Use your left hand for tension control, and turn the winder with your right hand. One complete turn of the Skeinwinder equals 1 yard. When your skein is completed, tie it in 3 or 4 locations with a contrasting yarn.

Bearings...

All bearings are teflon, nylon or sealed ball bearings and need no additional special care. The accelerator wheel and spindles are sealed permanently lubricated ball bearings; please do not oil them. If you wish, you may oil the main wheel bearing and the knob bearing.

Wood...

Your **Journey Wheel Charkha** is made of cherry, finished with highly-refined linseed oil and paste furniture wax. You may use any fine furniture polish on your **Journey Wheel Charkha**. We recommend *Wood Beams* or *Clapham's Beeswax Polish*. Your **Charkha** and its case are sturdily constructed, but wood can be inadvertently nicked or dinged with use over time; please treat it carefully.

Ergonomics...

Charkhas with a horizontal main wheel are most comfortably used when user and the charkha are at the same seat height.

BOSWORTH ATTACHE CHARKHA

