



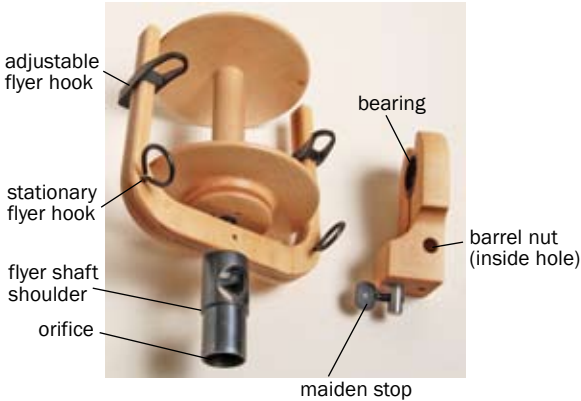
Ladybug
Bulky Plyer Flyer Head
Installation and Use



Contents

- Ladybug bulky front maiden & bearing
- Bulky flyer
- Bulky bobbin

Installing the Bulky Plyer Flyer Head



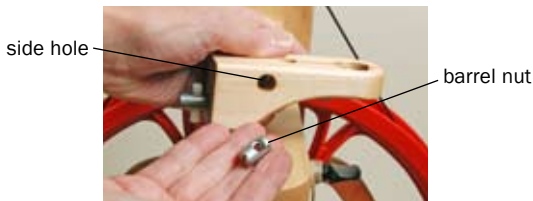
flyer with bobbin and front maiden

Remove the original front maiden

- Remove the flyer, bobbin and whorl.
- Unscrew the front maiden knob and remove it along with the white plastic T-nut.



- Lift off the front maiden.
- Remove the barrel nut inside the side hole.



Install the bulky front maiden

- Insert the bulky front maiden so that the maiden stop (black thumb screw) is facing the inside of the wheel.
- Slide the barrel nut into the side hole so that the slot in the end of the nut is vertical. Push the

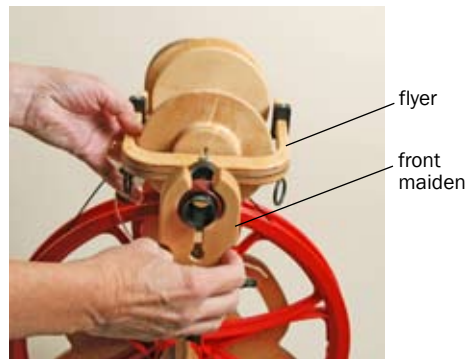


barrel nut into the hole so that it lines up with the hole in the front maiden. By looking down into the front maiden you can see when the two holes are aligned.

- Place the T-nut on the screw knob and screw into the maiden and barrel nut.

Install the bulky flyer

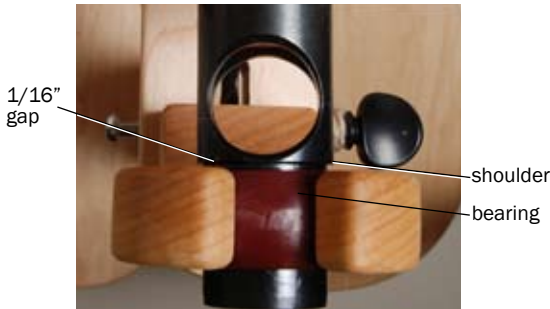
- Loosen the front maiden so that it can be tipped toward you as you sit in front of the wheel.
- Insert the orifice end of the flyer into the front maiden bearing.



- Drape the drive band over the flyer.
- Insert the whorl end of the flyer in the rear bearing.
- Secure the front maiden.
- Install the drive band.

Adjusting the front maiden

Look down from above the wheel to where the flyer shaft enters the front bearing. There should be about 1/16" space between the burgundy bearing and the shoulder on the flyer shaft.



To adjust the space, loosen the front maiden knob until the front maiden can be tipped enough to turn the thumbscrew. Remove the flyer. Turn the thumbscrew in or out half a turn as needed. Replace the front maiden, re-install the flyer and secure the front maiden knob.

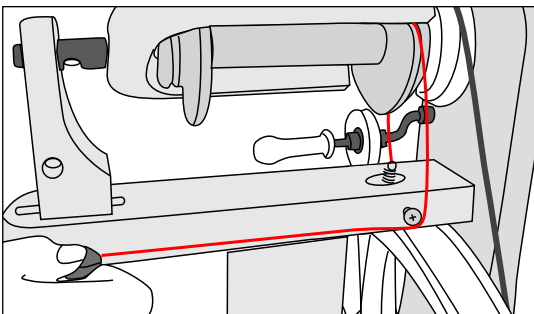
Getting ready to spin

We recommend using the Bulky Plyer Flyer Head in Scotch tension. To set your wheel up for Scotch tension, install the Scotch tension spring and string.

For thick yarns place the large pulley facing to the back of the wheel. For fine yarns, place the small bobbin pulley towards the back.

For clockwise spinning:

- bring the Scotch tension string up and to the left



- up and over the bobbin left to right
- under the screw on the right side of the mother-of-all
- and around the Scotch tension adjustment peg.

For counter-clockwise spinning:

- bring the Scotch tension spring up and to the right (diagram A)
- over the bobbin right to left (diagram A)
- under the mother-of-all to the right side (diagram A)
- over the screw on the right side of the mother-of-all (diagram B)
- and around the Scotch tension adjustment peg (diagram B)

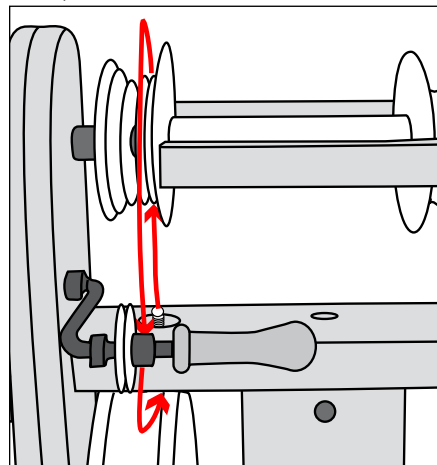


diagram A

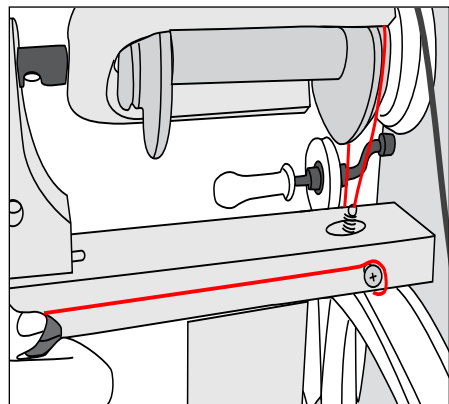
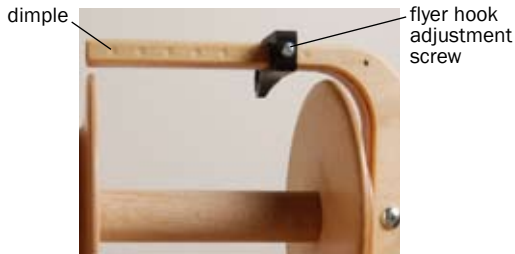


diagram B

Moving the flyer hooks

Along the bottom of each flyer arm are eight small dimples. The adjustable flyer hooks slide

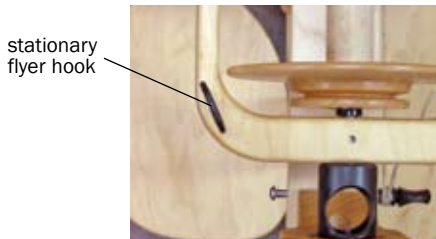


along the flyer and snap into place at each dimple. The flyer hooks move most easily if you hold the hooks above and below the flyer.

You can adjust the flyer hooks by tightening or loosening the screw on the bottom of the hooks. Make small adjustments and test.

Note: to keep your flyer in balance, always leave both hooks on the flyer.

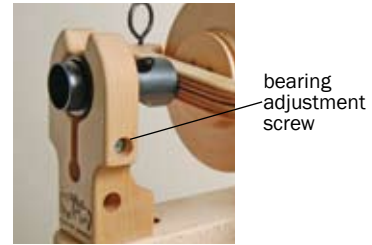
The stationary flyer hooks should be turned so that they do not extend beyond the flyer arms.



Checking the flyer

After installing the flyer assembly, with the drive band off, spin the flyer arms with your finger. If it turns freely, you're ready to spin. If there seems to be resistance, follow the directions in the section *Adjusting the front maiden*.

If the flyer still does not turn freely, you might need to loosen the bearing adjustment screw on



the side of the front maiden. Use a Phillips head screw driver and loosen a quarter turn. Test the flyer and repeat this process again if needed.

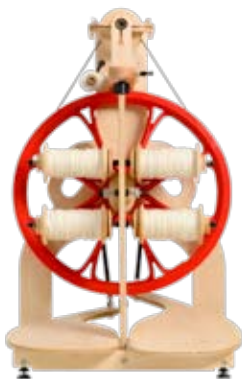
Using Longer Drive Bands

If you are using a slow speed whorl, we recommend switching to a longer drive band. You can tie a cotton drive band or you can order a longer poly drive band. Using your usual drive band with the larger whorls will stretch out the drive band over time, so that when you resume spinning with a smaller whorl, your drive band will be too large.

Accessories

Ladybug Lazy Kate

Holds four bobbins for storage or for plying



High Speed and Slow Speed Whorls

Get more out of your wheel with additional whorls



Schacht Oil Bottle

Keep your wheel working smoothly

