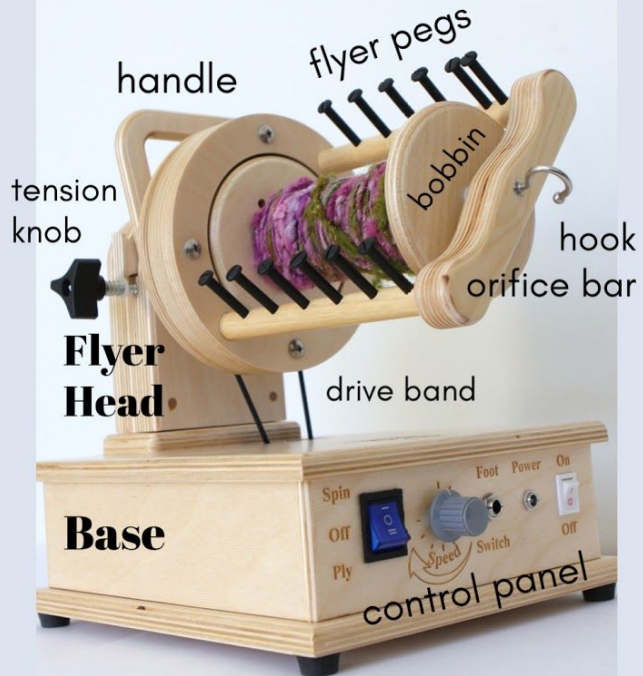


Firefly

wheel diagram



For more information about SpinOlution spinning wheel features & spinning tips: download the BIG user guide at spinolution.com/user-guides

Follow
@SpinOlution
on Social Media!

Tag photos of your wheel & yarns with #spinolution for a possible feature!

v. 9.11.2018



Head

The drive band drives the flyer head on the **middle golden whorl**. The other whorls are only used by the Monarch for ratios. *There is no need to change your drive band position on the Firefly because there are no ratios on the Firefly.*

Base

The Firefly Base is a baltic birch box with 4 rubber feet for stability, a control panel, a 12 volt battery, an electric motor as well as the following controls:

Direction: The direction control switch is on the far left. It has three settings. The top position is for spinning in a clockwise direction, for a Z twist. The middle is off, and is used to stop the spinning if the foot switch is not in use. The bottom position is for plying in a counter-clockwise direction, for an S twist.

Speed: Turn this knob up to increase speed for spinning finer / short staple length fibers. Turn it down to decrease speed for spinning bulky or textured yarns.

Power Jack: The power plug is used to charge or supplement the Battery and/or power the wheel when the battery is low. The auto plug (12 volt) can also charge or supplement the Battery.

ON/OFF Switch: The white power switch on the far right should be set to off when the Firefly is not in use.

Changing Flyer Heads

The head flyer is attached to the base by a black knob. To remove the head flyer, turn the knob counter-clockwise and take the drive band off the silver motor. Pull the head straight up by the handle.

Changing Bobbins

The Bobbins slide onto the flyer shaft and seat on the hex nut on the back of the shaft with a magnet. Changing the bobbin will not change the tension, however greater take-up may be needed to remain effective when the bobbin becomes full.

Charging the Battery

Plug the charger into the jack on the front of the base, and into an outlet. The light on the plug will turn green when fully charged.

Using the Foot Switch

Plug the flat, silver foot switch cord into the jack. The direction control switch needs to be in the Spin or Ply position to use the foot pedal and the Power Switch needs to be set to On. Press the foot pedal to start the flyer spinning, and release it to stop the flyer. For art yarns, the foot pedal is recommended as you may need to stop & start frequently for embellishments or sculpting texture.

MODULAR SERIES: The flyer heads for the Firefly also fit the Monarch.

Changing Tension

Turn the knob towards you to increase the pull, and away from you to decrease the pull.

Resetting the Fuse

Power Issues? Press the red button on the back of the Firefly to reset the fuse. If you still have power issues, plug in your Firefly to make sure it is charged and contact your dealer.

Changing the Drive Band

- Remove the drive band from the metal motor pulley.
- Remove the Lock Knob.
- Remove the Flyer Head.
- Place new band on Flyer Head.
- Insert head into the base and secure with lock knob.
- Place drive band into slot in the top of the base and use a crochet hook or your finger to catch the band thru the hole under the base.
- Place the band over the metal motor pulley, on the shiny groove.
- Place band on the flyer head middle golden whorl.

Compatibility

- ❑ 4A oz Flyer Head
- ❑ 8 oz Flyer Head
- ❑ 16 oz Flyer Head
- ❑ 32 oz Flyer Head
- ❑ 64 oz Flyer Head