

Drive Belt

This is nylon and will stretch when cold and shrink when warm. Always adjust before use - just tight enough to turn the whorl without slipping. Do not over-tighten as this causes excessive drag.

Adjustment

- *Release the wing nut on the cam.
- *Turn cam to lower the flyer head.
- *Select preferred wheel ratio.
- *Adjust belt tension with cam
- *Lock with wing nut.

Ratios

The whorl has 6 ratios, the largest of which will give a slow speed at the flyer, producing a yarn with few twists per inch. The smaller the whorl selected the greater the speed produced by the same rate of treadling, giving more twists per inch.

For example, a light warm woollen yarn may be spun on the larger ratio but it may not be a strong yarn. For more strength for a work jersey the middle ratio would be used and for finer work where fewer fibres are used the speed of the faster ratios will bind them together.

This can only be a general guide as no two people spin the same. It is for you to experiment and find a ratio that suits the speed at which your hand can draft the fibre being spun.

When using your L.G. Special for the first time select the largest whorl, which will give you a slow speed at the flyer and time to get the feel of the wheel.

Flyer

This is attached to the shaft by a tapered fit. To remove, grip the whorl in one hand, hold the flyer in the other, twist and withdraw. To replace push on and twist.

For spinners who are more comfortable with the orifice on the right hand side (sometimes called left-handed spinners) the whole flyer head may be turned over end for end after removing the pivot pin.

The orifice is tapered to receive a reducing orifice which centralises the work and will be more comfortable for spinning fine yarns. The pigtail hook is an option which may be used for fine or coarse yarns and may also be used for plying.

The orifice may “gum up” after spinning greasy wool. This can be cleaned using a cotton bud and methylated spirit/white gas. The flyer arms and hooks can be cleaned in the same way. Check hooks every now and then and replace any showing signs of wear.

The hooks on one flyer arm are intermediate to those on the other arm. Therefore, to fill your bobbin evenly, work up one arm and down the other. To achieve even filling the pigtail is sometimes preferred for plying.

PLEASE NOTE Before travelling with your Little Grace Special, *always* remove the hook and inserts from the head as these inserts are individually made for each wheel so replacing them may involve having to return the flyer to us. Moving the wheel around a room is easily achieved by placing your fingers in the top heart. However, the easiest way to carry it any distance is to grip the lowest heart in the upright. This will also protect the shaft from obstacles such as doorways. If required the whole flyer head can be removed by simply withdrawing the pivot pin.