

Gilmore Looms
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GEM II

1. KNEE BAR: The *Front Jack Bar* has the Gilmore stamp and the serial number on it. The *Knee Bar* is located just above the *Front Jack Bar*. It is rounded on the back side.

You will notice the straps on the *Cloth Beam* are very long. That is so they can come around the *Knee Bar*, around the *Front Top (breast) Beam*, and then toward the heddles. Going around the *Knee Bar* keeps the weaving up off your knees.

2. WARP BEAM AND FRICTION BRAKE:

The friction brake allows you to turn the *Warping beam* in one direction but not in the other. This can be done even with the brake on. It is much easier to turn though if the brake is released.

The brake can be released either from the *Front* or the *Back Brake Release Pedal*.

You should not need to change the brake, but if the brake is not strong enough you will have to shorten the turnbuckle on the cable. This can be done by loosening the locking nut (small nut on the turnbuckle) and turning the turnbuckle. Make sure that both ends of the turnbuckle thread in as you turn. A SMALL TIGHTENING OF THE TURNBUCKLE results in a LARGE increase in the braking strength. Test by checking as you adjust the turnbuckle. Make sure you slightly tighten the locking nut down again when you have finished.

If the cable ever comes off it must be put back correctly for the brake to work. See the picture on this sheet. Make sure it lies flat and doesn't cross over on the brake drum. If it is wound in the wrong direction the brake will work the opposite way, make sure it brakes counterclockwise if viewing from the right side of the loom.

3. FOLDING/UNFOLDING THE LOOM:

Folding the loom is easy. Just release the *Locking Braces* and move the *Back Top Bar* up. Lock the *Locking Braces* into their new position. If you have a warp on the loom, turn the *Warping Beam* or the *Cloth Beam* to **snug** the threads into the heddles.

When unfolding, with a warp on, make sure to step on one of the *Brake Release Pedals* to allow the warp to unroll as you unfold the loom.

4. BEATER BAR LOCK:

The *Beater Bar Lock* fits on the right side of the loom (See picture), and holds the *Beater Bar* into an upright position.

PICTURES



Viewing brake from the inside



Viewing the brake down toward floor



Bottom view of brake



Beater Bar Lock in position



Handle installed



Folded Loom



Moving Loom