

AVL REVOLUTION COUNTER

INSTRUCTIONS

The AVL Revolution Counter may be used with either a One Yard or Half Yard Sectional Beam. It serves two functions. First, it accurately keeps track of how many revolutions a beam makes during the warping process. Second, the counter can be reset to zero, reversed on it's mounting bracket, and mounted at the other end of the beam where it can be used to keep track of how many yards of cloth you've woven.

MOUNTING THE COUNTER

The counter is properly mounted to the upper back crossmember of your loom. Simply remove the lower wing nut and long screw, slip the assembly over the Upper Back (so it sits like a saddle), and replace the screw and nut. *Please note:* if you will be using the counter to wind a beam, face the numbers to the rear of the loom.

Locate the two small *screw eyes* that came with the counter. You will mount these into the edge of each of the Sectional Beam Outer Discs. Drill a small pilot hole ($1/8''$ is best) anywhere around the circumference of each disc. Screw the *eyes* into the holes, using pliers or a wrench.

You'll note that the wooden bracket holding the Revolution Counter is adjustable. Position the assembly so that the rubber arm at the side of the counter is directly over one of the *eyes* (your choice). Adjust the height of the counter so that the arm makes good contact with the *eye* as the Sectional Beam is turned. Check to be sure that the counter is advancing once per revolution. If not, check your alignments.

USING THE COUNTER

The Revolution Counter is easy to use. Before you actually wind on a warp, be sure that the counter is on the side of the beam nearest the crank. Check too, that the counter has been zeroed. If not, turn the reset knob until all zeros show in the window.

Each time your beam makes a revolution, it will increase your count by one. On a One Yard Sectional Beam, a single revolution is equal to about 36 inches of yarn. Please keep in mind that as the number of layers increase, this measurement will increase somewhat. The purpose of the counter is to keep an accurate tally of the *revolutions* made while winding onto the beam, not of the actual yardage. This way you can be sure that each section has the same number of wraps, and therefore the same length of yarn. *Before you begin winding a new section, be sure to reset the counter.*

Once you've finished winding the beam, you can reposition the counter so that it will keep track of the number of yards you've woven. Remove the whole Revolution Counter Assembly, reverse it so that the counter faces the *front* of the loom, and remount the assembly on the *opposite* end of the Upper Back. Adjust the alignment between the metal *eye* in the Sectional Beam Outer Disc, and the rubber arm on the counter. In this new position the Revolution Counter will tabulate the number of yards of cloth you've woven.

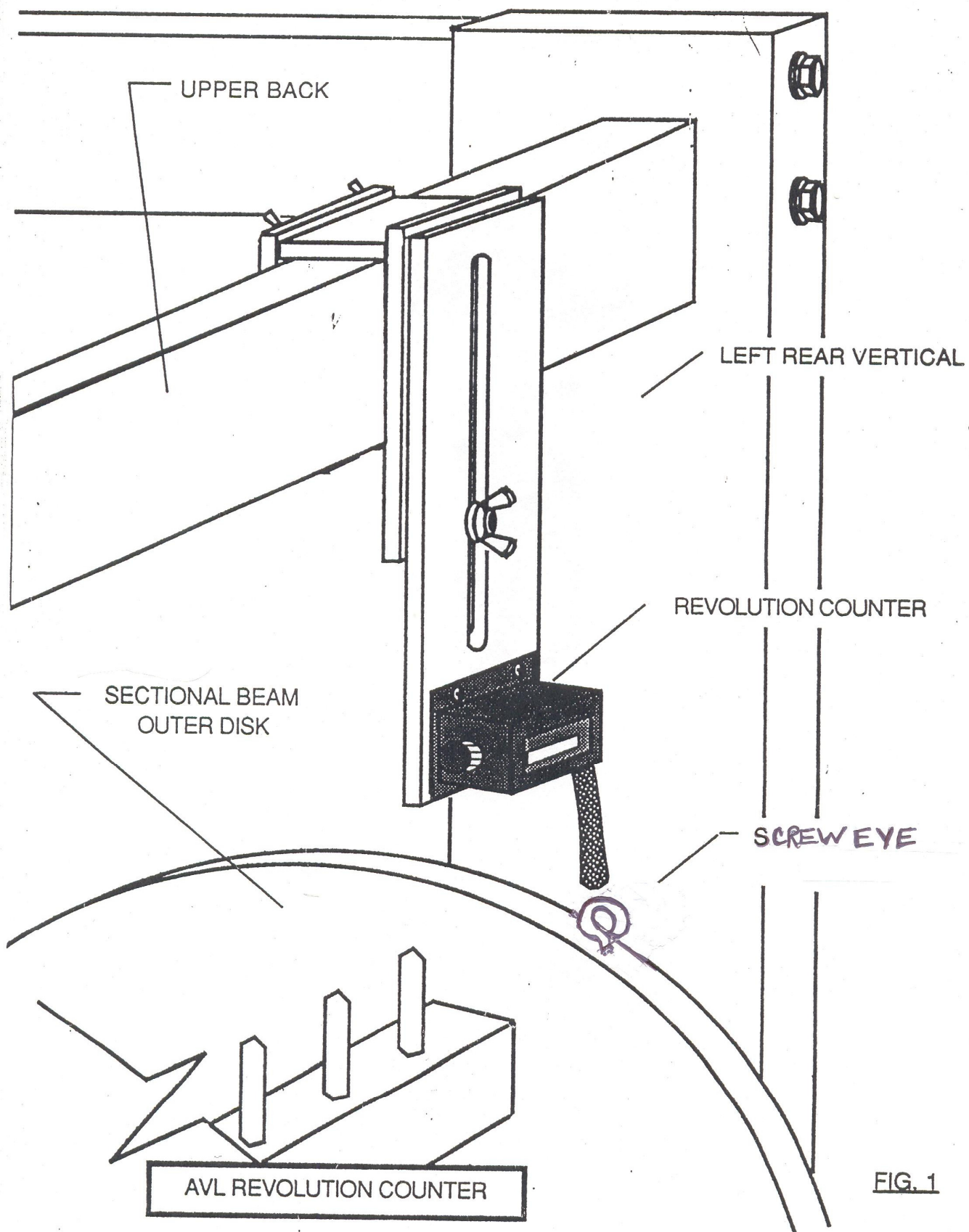


FIG. 1