



## Woodcraft Clamping System

### Woodcraft Clamping System Assembly:

1. Using the smaller, pan head screws, attach the two small plastic bars to the flat plate of the clamp mechanisms. Place the plastic pressure pads so that the "open side" is against the metal plate. Orient the bar so the pilot holes align with the holes in the metal plate. Fig. 1.
2. Using a section of 2" x 4" lumber, joint one edge, then rip the 2 x 4 in half. The two halves of the 2 x 4 become the clamping surface for your Woodcraft Clamping System.
3. Mount the shorter, plastic notched clamp pads onto the edge of one end of each 2 x 4. Position the pads so that they are approximately 1" from the end of each 2 x 4 and screw the pads into position with the wood screws provided. It may be necessary to drill pilot holes into the 2 x 4 edge to prevent splitting. Fig. 2.
4. On the opposite end of each 2 x 4 attach the longer, notched clamp pads. The positioning of the long pads is not critical and can be moved on the 2 x 4 to "fit" the width of the wood being clamped. Fig. 3. After determining placement of the long pads, screw them in place with the wood screws provided. It may be necessary to drill pilot holes into the 2 x 4 edge to prevent splitting.

*NOTE: The longer pads have a slight bow. Do not try to "flex" the long pad opposite the bow in an attempt to straighten the pad. This action will cause the long pad to break!*

### Woodcraft Clamping System Operation:

1. Position lumber to be edge glued flat between the 2 x 4's clamps. The notched pads of each 2 x 4 will be on the outside of each 2 x 4.
2. Place the handled clamping mechanism into position on the short pads. When properly placed, the plate/plastic bar is positioned between the 2 x 4's so that contact can be made with the wood being glued. The rounded bars on each side of the clamping mechanism should be positioned in a notch of the short pad.
3. In the same manner, place the non-handled clamping mechanism into position on the longer pads. Take up all the slack space possible, positioning the non-handled pad as close to the wood being glued as possible.
4. Rotate the handle of the clamping mechanism and bring the clamping system under tension. As you tighten the handle you will see the 2 x 4 clamping surfaces begin to "draw down" on the flat surface of the wood, while the small plastic pads apply end pressure. This action ensures the boards are held flat while; end pressure is applied.

### Operating Tips:

1. Utilize a clamp every 18" to ensure proper clamping pressure across the width of the piece being glued.
2. All material must be planed to the same thickness prior to gluing so that the Woodcraft Clamping System can draw all surfaces flush and create a single, uniformly flat glued surface.
3. For clamps over 36" utilize a whole 2 x 4 instead of 2 x 4 halves.
4. Utilize the hole in the turn handle to hang your clamps when not in use.

### Replacemet Parts:

**125398** Long Notched Pad (Pr.)

**125397** Short Notched Pad (Pr.)

Fig. 1

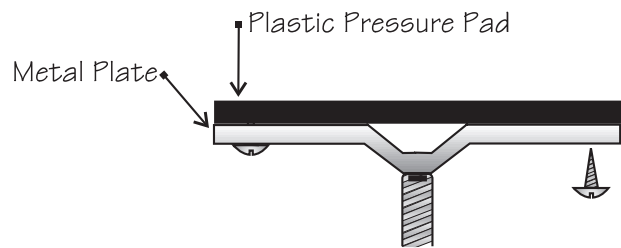


Fig. 2

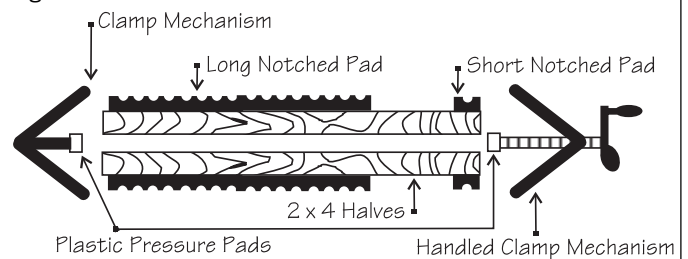


Fig. 3

