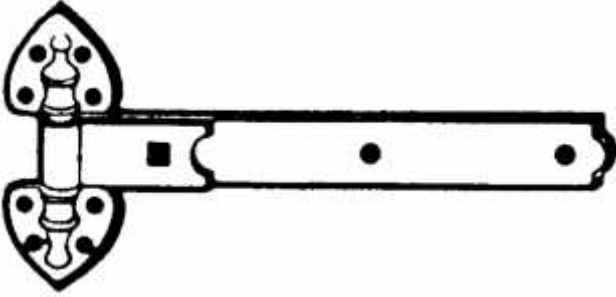


# Old Fashioned Heavy Duty Reversible Hinges Mounting Instructions (7", 12", 14", and 16")



The 12, 14, and 16 inch hinges have a  $\frac{1}{2}$  inch pin and use the #2 cast iron cup (  $2\frac{1}{4}$  inch wide).

Fasten the two straps to the door/gate at the desired location. Ensure that they are perpendicular to the hinge side of the door/gate. The pin end of the hinge should protrude past the hinge side of the door/gate. If the edge of the cast iron cups are to be mounted  $\frac{1}{4}$  inch from the edge of the door/gate opening the distance from the center of the square hole to the edge of the door jam/gate post should be  $1\frac{3}{8}$  inches ***including the width of***

***the gap between the door/gate and the door frame/post.*** Screws, a minimum of  $1\frac{1}{2}$  inch long #12 screws (an appropriate size pilot hole to prevent wood splitting is recommended) should be driven in at each of the two bevelled holes in the strap. A  $\frac{3}{8}$  inch carriage bolt (long enough to penetrate the gate or door) should be inserted in the square hole in the strap, through a  $\frac{3}{8}$  inch hole drilled through the door, and then a washer and nut are tightened on the back side of the door.

The cups should be securely fastened to the door frame using a minimum of 2 inch long #12 screws (an appropriate size pilot hole to prevent wood splitting, is recommended). Using blocks and/or shims place the gate/door in the intended location. Install the bottom cup on both hinges using only two screws. Remove the shims and check that the gate/door swings and aligns properly. When the door fits properly install the two top cast iron cups and all fasteners.

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