

CORNERSTONE®

CH200F SELF-CLOSING ADJUSTABLE HINGE

HINGE MOUNTING

1. First, choose the desired direction of mounting. Applications using larger post and gate frames should mount the hinge so that the vertical adjustment is on the fence post and the horizontal adjustment is on the gate frame (Fig. 1). Applications with smaller gate frames (1.5" - 2") should mount the hinge so that the vertical adjustment is on the gate frame and the horizontal adjustment is on the post (Fig. 1, 2).
2. The brackets should be positioned on the outside surfaces of the posts with the gate in the closed position (Fig. 3). The top edge of the upper hinge should be mounted within 6" of the top surface of the top rail, and the bottom edge of the lower hinge should be mounted within 6" of the lower surface of the lower rail (Fig. 4). In applications where additional hinges are used, they should be evenly spaced between the upper and lower hinges. The mounting brackets with horizontal locking grooves are for the vertically adjustable side of the hinge, while the brackets with the vertical locking grooves are for the horizontally adjustable side of the hinge.
3. Install self-closing hinge assembly to mounting flanges installed in Step 2, and secure with washers and acorn nuts (USING HAND TOOLS ONLY). Hinge should be positioned as shown so that the locking grooves on the mounting flanges will align with grooves on the back side of the hinge assembly (Fig. 5).

SPRING TENSION ADJUSTMENT AND MAINTENANCE

1. Insert allen wrench into the cam at the end of the hinge barrel.
2. Press the wrench downward, pushing the cam into the barrel.
3. Rotate the cam clockwise to increase spring tension and counter-clockwise to reduce spring tension. Adjust one hinge at a time in 1/4-turn increments.

WARNING

Spring tension should never be increased more than 2 full turns (8 quarter-turns) from the neutral position.

NOTE:

The hinge should be inspected annually, or more frequently if the gate is used often. Spring tension adjustments should be made as needed. The hinge should be regularly lubricated by spraying an oil based lubricant into the area of the cams and barrel.

