

## CH350F SELF-CLOSING MULTI-ADJUSTABLE HINGE INSTALLATION INSTRUCTIONS

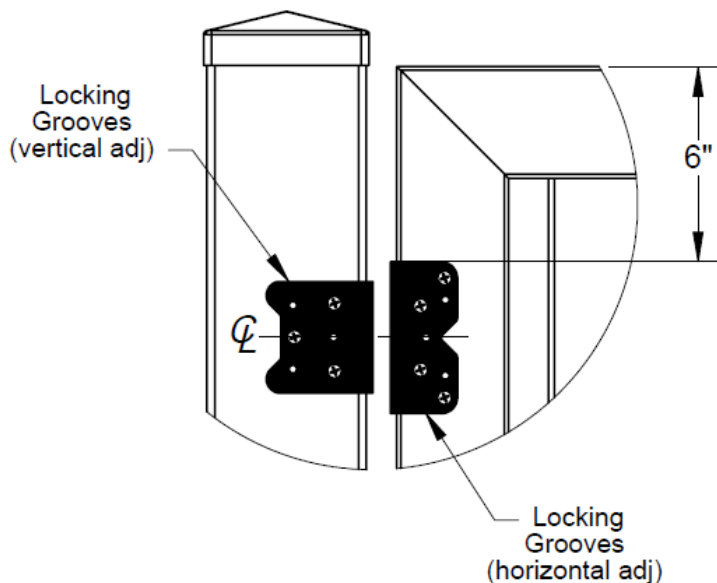
PLEASE CAREFULLY READ ALL INSTRUCTIONS PRIOR TO INSTALLATION.

MAX GATE WEIGHT: 150 LBS.

Gate gap must be between 3/8" up to 1-5/8"

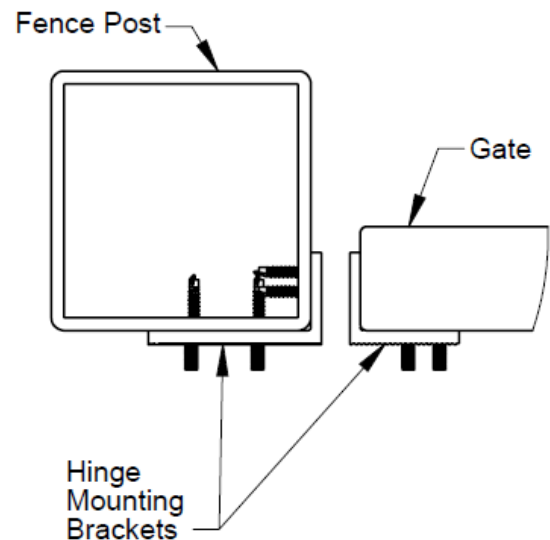
Tools Needed:

- Tape Measure & Pencil
- Drill with #3 Phillips bit
- 11mm Wrench
- Level



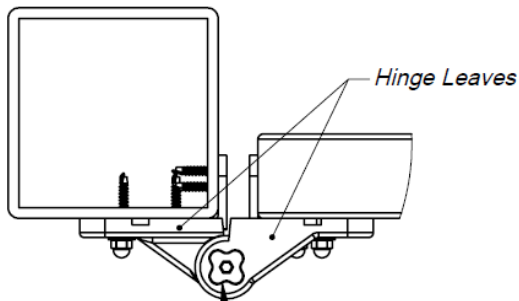
1. Measure and place the mounting brackets on the gate and fence post.

- The wide bracket is for vertical adjustment and should be mounted on the fence post.
- The narrow bracket is for horizontal adjustment and should be mounted on the gate.
- The brackets should be positioned on the outside surfaces of the posts with the gate in the closed position.



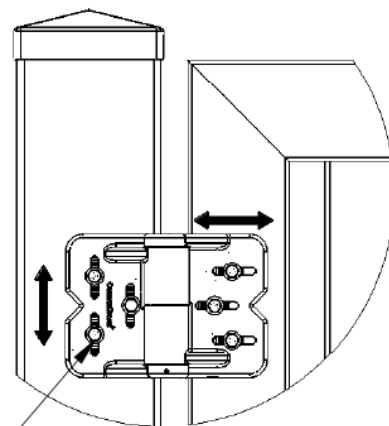
2. Secure the mounting brackets with the 1-1/4" flat head screws.

- The top edge of the upper hinge should be mounted within 6" of the top of the gate.
- The bottom edge of the lower hinge should be within 6" of the bottom of the gate.
- The gate and post brackets should be centered to one another as closely as possible.



Adjustment Cam  
(Cam will be located on bottom  
side of hinge when used for  
opposite hand gate swing)

3. Install SELF-CLOSING HINGE ASSEMBLY to the MOUNTING BRACKETS and lightly hand-tighten the acorn nuts and washers.



Acorn Nut (6)

4. Using a level, adjust the gate until it sits straight and level inside the gate opening. Once the gate is level, tighten all of the acorn nuts with an 11mm wrench. Do not overtighten to avoid stripping the bolts.

### SPRING TENSION ADJUSTMENT AND MAINTENANCE

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

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

**NOTE:** Inspect the hinge periodically to assure the acorn nuts stay tight and the gate does not sag. Spring tension adjustments should be made as needed. The hinge should be regularly lubricated with an oil based lubricant by spraying into the cams and barrel.

