

**WARNING:** These products are intended for ornamental use only and are NOT intended as safety barriers for above ground floor installations. **INSTALL ONLY IN ACCORDANCE WITH LOCAL BUILDING CODES.** Periodically inspect railings and fittings to ensure fittings are secure and free from rust and corrosion. Strongest installation is accomplished by using bolt through fittings to attach railings to supports. Use newel post supports for added lateral support.

**Tools You May Need:** Level, Tape Measure, Drill, Hacksaw, 3/8" Box or Socket, Flat Screwdriver, Center Punch, Hammer, Scribe or Pencil.

**1. Install newel posts four inches (4") from edge of platform or steps.**

- 1.1. One Floor/Column flange (P/N 579) required for each newel post, *unless* post is sunk into concrete. For columns... (2 flanges per flat & 3 flanges required per corner) install on same line as posts.
- 1.2. If flange is used, newel post height must be shortened from bottom.
  - 1.2.1. P/N 577: 32-1/2" for Windsor™, Windsor Plus™ and Salem™.
  - 1.2.2. P/N 670: 37-1/2" for Hampton™, Cambridge™, Cambridge Plus™, Patterson™ and Harmony™.
- 1.3. When using on steps DO NOT CUT POST until proper height is determined.

**2. If necessary, cut railing to fit between posts, columns, or walls. Allow for width of posts & columns.**

- 2.1. If more than one railing section is required in a straight run all sections should be same length for best appearance.
- 2.2. Cut railing so that spindles are the same distance from each end.
- 2.3. If rails are cut, drill a 5/16" hole 7/8" from cut end in center of the rail channel for bracket attachment.

**3. For use on steps – *IMPORTANT!* Only Windsor™, Windsor Plus™, Hampton™, Patterson™ and Salem™ may be slanted for steps. \* For Cambridge™, Cambridge Plus™ and Harmony... use Hampton™ Railing for stair application.**

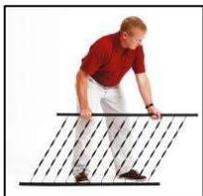
- 3.1. Slant railing by applying pressure downward and outward to top channel until spindles are parallel to post at top of stair. (See **Figure #1** Below)
- 3.2. Cut channel ends so they are parallel to spindles and flush with newel posts or columns.

**4. Attach railing to posts, columns, or walls.**

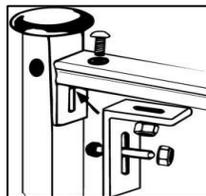
- 4.1. When using the 577 or 670 post as a corner post... (1) measure down 7/16" from the center of the current pre-drilled holes, (2) transfer that measurement via pencil / scribe around the post to the undrilled side, (3) on the transferred scribe line from previous step find the center point of the post width and mark, (4) drill a 5/16" hole thru both sides of post. These newly drilled holes will be offset correctly to allow the P/N 438 hardware to pass thru correctly.
- 4.2. Drilling of 5/16" thru holes in columns is required once installer has determined correct height for attachment of hardware / railing.
- 4.3. Use bolt-thru fittings. Longest part of bracket goes against post as shown. (See **Figure #2** Below)
- 4.4. Adjust angles of fittings to match slanted stair railings using pliers and vise or vise grips.
- 4.5. Ensure all connections are tight.

**5. Paint immediately; bolts, nuts, scratches, and scrapes. Use matching rust inhibiting spray paint.**

**Figure #1**



**Figure #2**



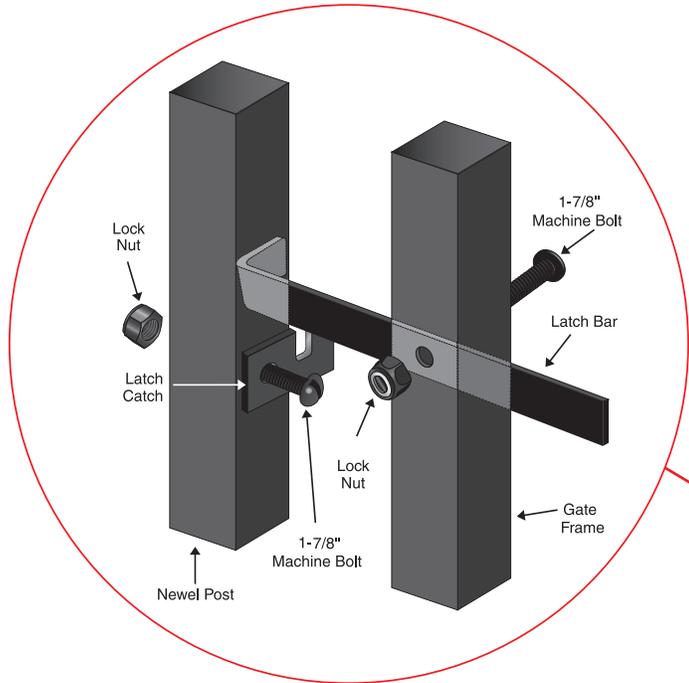


**For Windsor®, Windsor Plus®, & Patterson® style gates**

This gate is desinged to fit a 36" wide opening between two Gilpin Newel Posts; P/N 577 [Windsor & Windsor Plus] P/N 670 [Patterson]

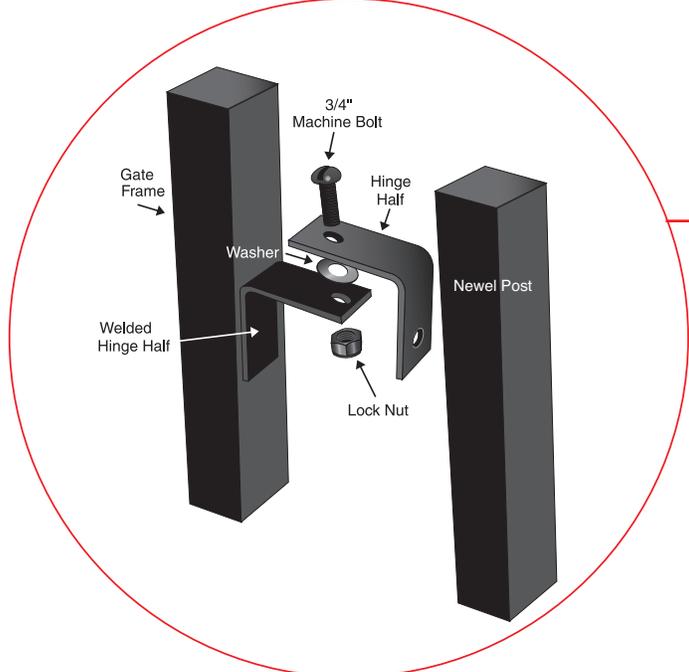
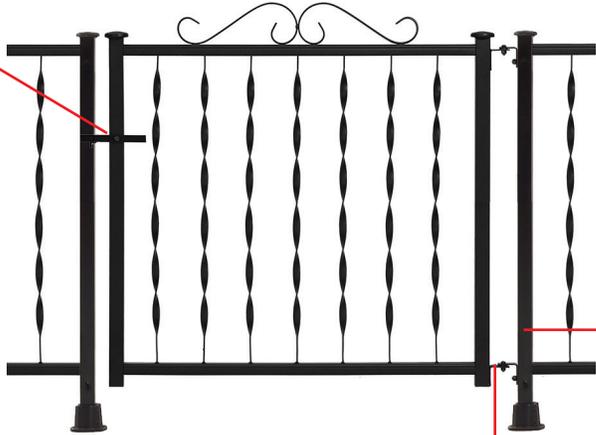
- You will need the following tools to install your gate:**
- Electric Drill
  - 9/32" drill bit
  - Medium slot head screw driver
  - 7/16" box end or medium adjustable wrench

Your package should contain the following parts.	
DESCRIPTION	QTY
Gate	1
Hinge Half	2
Latch Bar	1
Latch Catch	1
P/N 456 Newel Post Support	1
3/4" Long Machine Bolt	2
1-7/8" Long Machine Bolt	2
Lock Nut	2
1/4" Flat Washer	2



**1. Install Latch and Latch catch:**

- Determine which side of gate you wish your latch.
- Install Latch Bar using 1-7/8" Machine Bolt through pre-drilled hole in gate frame.
- Align Latch Catch on Newel Post insuring there is enough clearance to accommodate Latch Bar.
- Install using 1-7/8" Machine Bolt.



**2. Install Hinge Halves to Newel Post:**

- Determine height (h) you desire your gate.
- Mount lower Hinge Half to Newel Post at desired height plus 1-3/4".
- Mount upper Hinge Half at dimension (d) to match distance between welded Hinge Halves on Gate.



**3. Install P/N 456 to hinge post; follow instructions enclosed in package.**