BuyDirectVinylFence.com

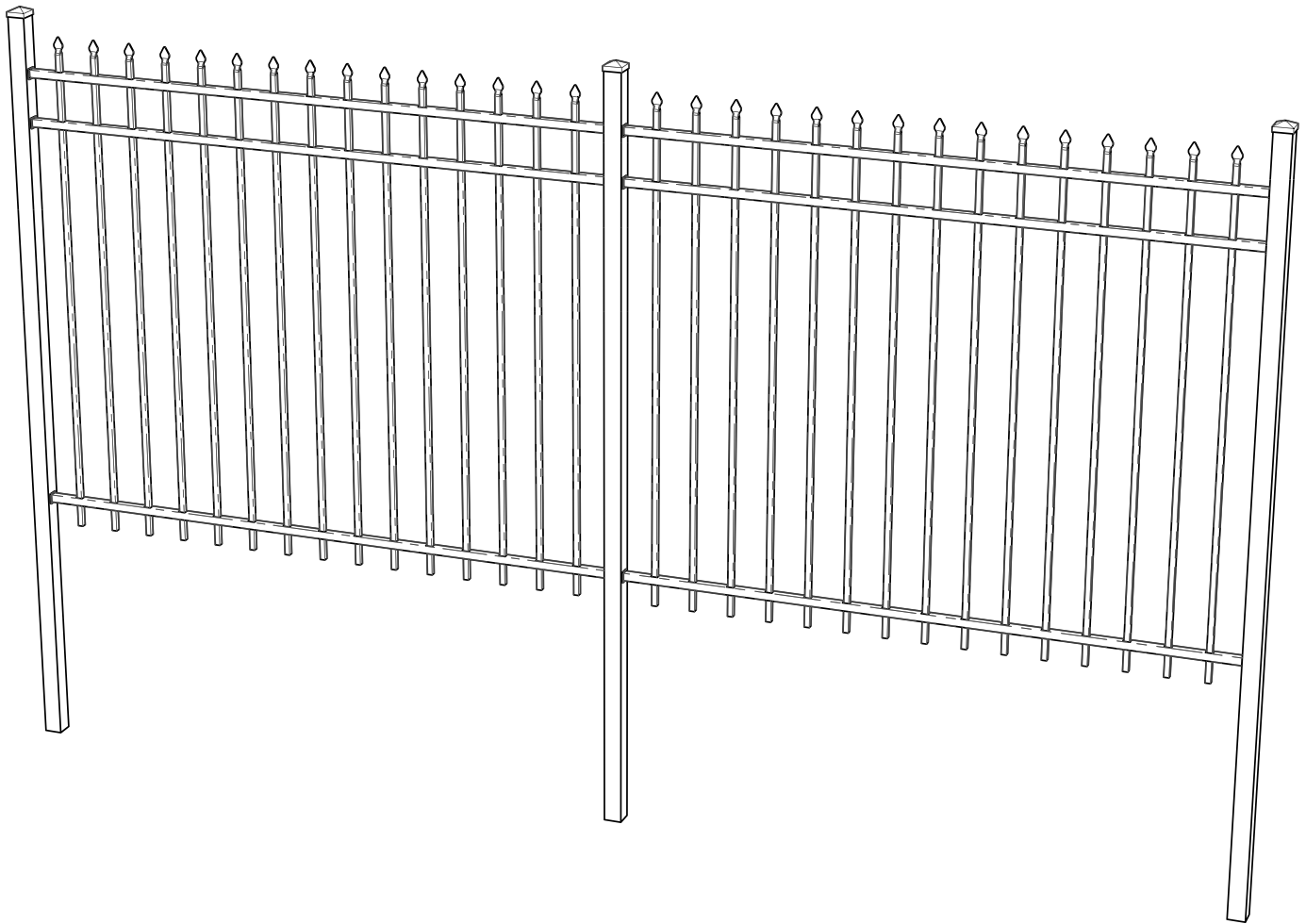*Quality. Integrity. Experience.*

Aluminum Prebuilt Fence

PLEASE READ OWNER'S MANUAL COMPLETELY BEFORE ASSEMBLING YOUR FENCE.

ALL STATED SIZES ARE NOMINAL DIMENSIONS.

Product Overview:

Post Top

Notch

Post

Top Rail

Pickets

Middle Rail

Bottom Rail

Layout installation

- Using the worksheet as a guide, establish your fence line by staking out the areas you wish to enclose. Locate each point in which you will need an end, corner or gate post and mark it with a stake.

- To mark all other posts: For 6' sections and using 2" posts: from the center of an end point, measure 72^{13}⁄$_{16}$" and mark with stake. For 8' sections and using 2^{1}⁄$_{2}$" posts: from the center of an end point, measure 96" and mark with stake. NOTE: If you are left with a space less than a full panel, the panel can be cut down to fit the space by using a hacksaw. Notch the cut ends of the horizontal rails so they will seat inside of post. (Using the factory notch as your guide.)

- Attach string to each stake.
NOTE: the fence will most likely need to be set back from the property line as required by your local codes (usually 2"-4")

72^{13}⁄$_{16}$"

For 6' sections using 2" posts

96"

For 8' sections using 2^{1}⁄$_{2}$" posts
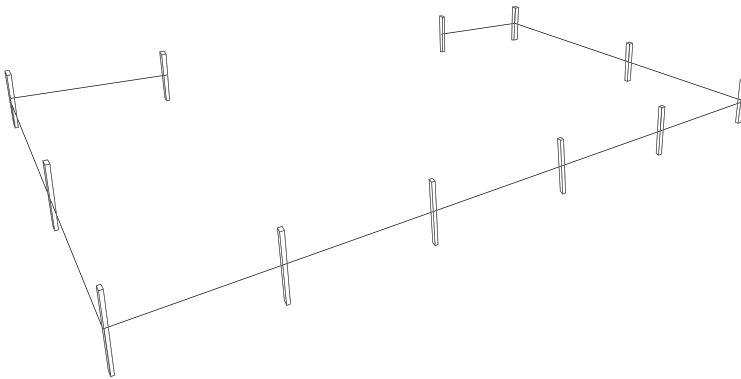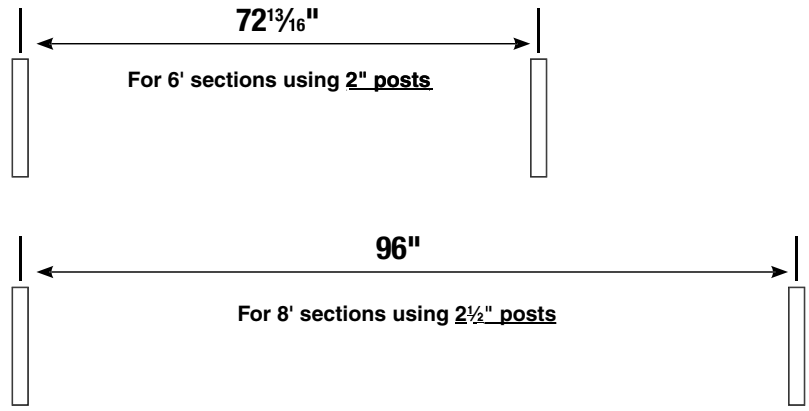
First Post Installation

1 Use a rubber mallet to gently drive the post tops onto the posts. Be careful not to damage the post top.
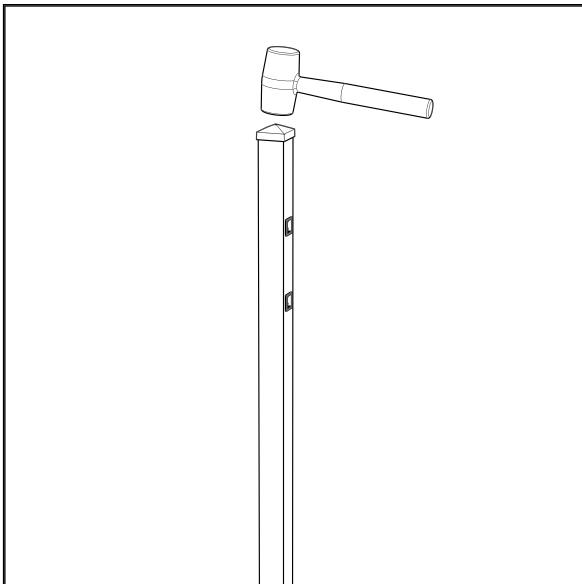
2 Mix the concrete on the dry side to allow the posts to set faster. See chart below to determine the minimum depth for your fence.

NOTE: In areas where ground frost occurs, the concrete footing should be extended below the frost line (generally 12" below). This will account for frost "heave, in which ground water freezes and expands upwards. By providing this 12" drainage you can keep the frost heave from affecting the posts. Verify depths meet all local building codes.

Leave 2" from ground

6" Gravel

6"
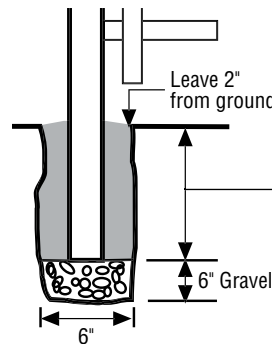
Panel Height	Post Height	Hole Depth	Post goes into ground
36"	58"	27"	21"
48"	70"	27"	21"
54"	82"	33"	27"
60"	88"	33"	27"
72"	106"	39"	33"

3 Start post installation with a gate, corner or end. Dig post holes to appropriate depth, approximately 6" wide. Fill bottom of hole with approximately 6" of peastone/gravel and place post onto gravel. Fill holes with concrete and tamp down around each post leaving concrete about 2" from ground level.

4 If using a gate, the opening between the posts should be 1 1/2" wider than the gate width to allow for hinges. (Example: Use a 48" opening for a 46 1/2" wide gate.) Be sure posts are level and plumb. Brace the posts as necessary while the concrete is setting.

Width of Gate
(or Panel if not
using a gate)

Leave 2"
from ground

6" Gravel

6"
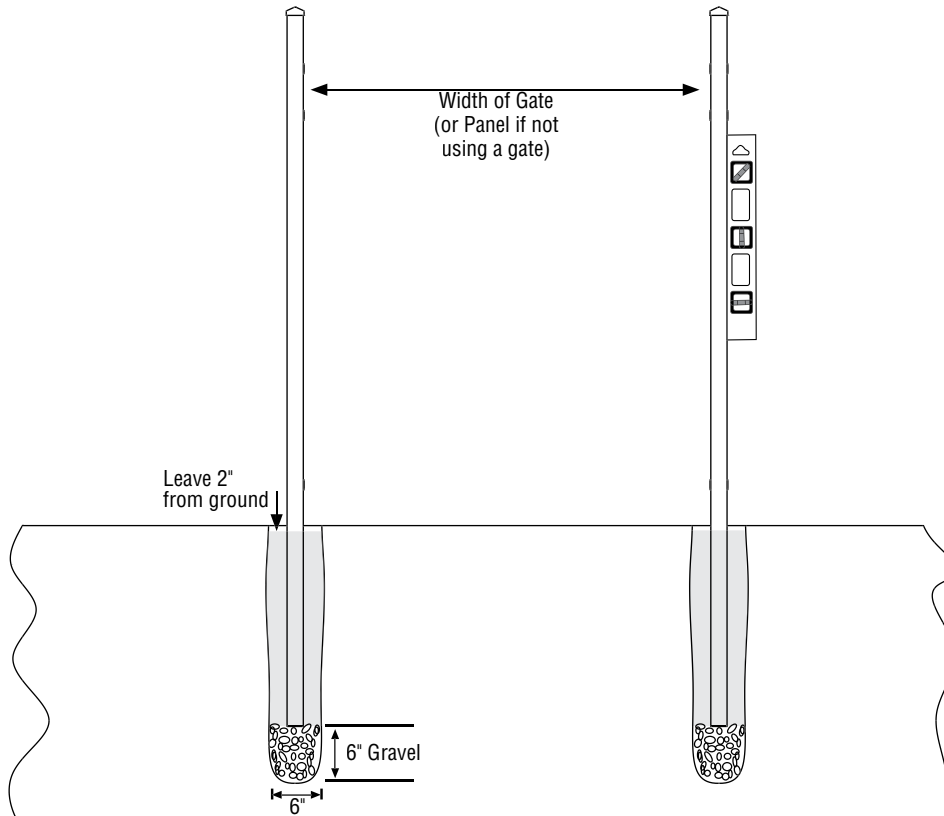
Panel / Post Installation

**1** CAUTION: Do not install all posts first. Installation should proceed post-panel-post-panel…

NOTE: It is a good idea to have the next post hole in the run already dug when attaching panel to the previous post (and have the 6" of gravel inside).

As the gate post (or corner) is setting up, install the first fence panel. Insert the horizontal rails from the panel into the punched holes from the previously installed post. Place the rails as far into the post as they will go.

2 Place the next required post (line/corner/end) into the dug hole, and slide the post onto the rails of the panel as far as possible.
Pour concrete around that post and tamp down, leaving concrete about 2" from ground level.
You now have one fence panel upright between two installed posts.
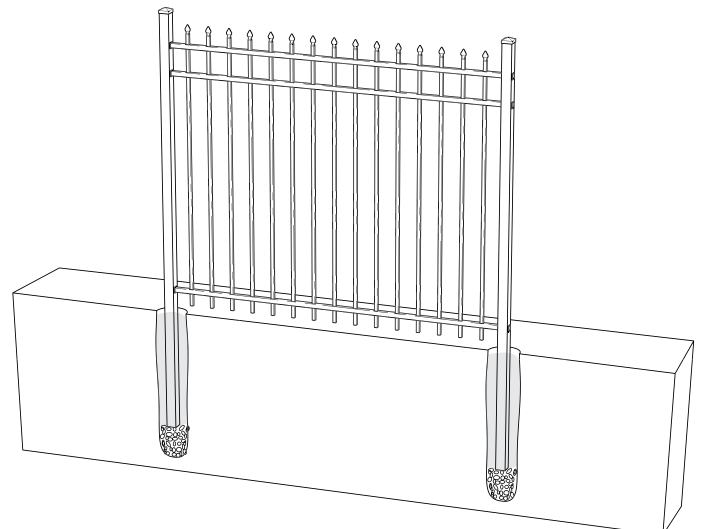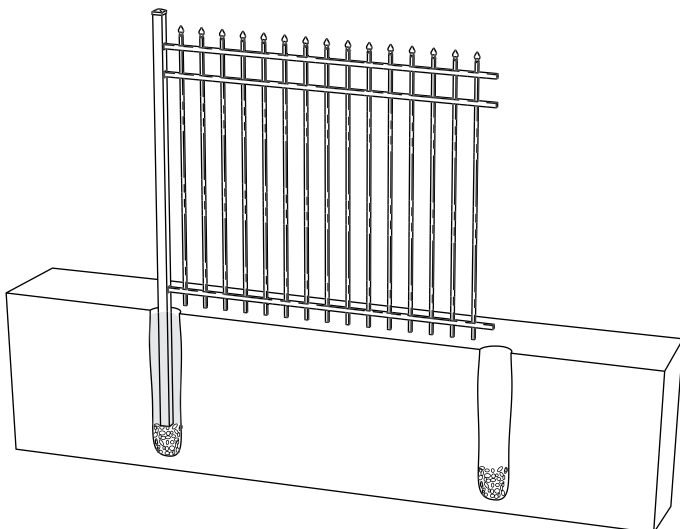
3 Repeat by digging next hole and filling with 6" of gravel. Then insert the next panel into the previously installed post. Place the next post into the dug hole and slide the post onto the rails of the panel as far as possible.
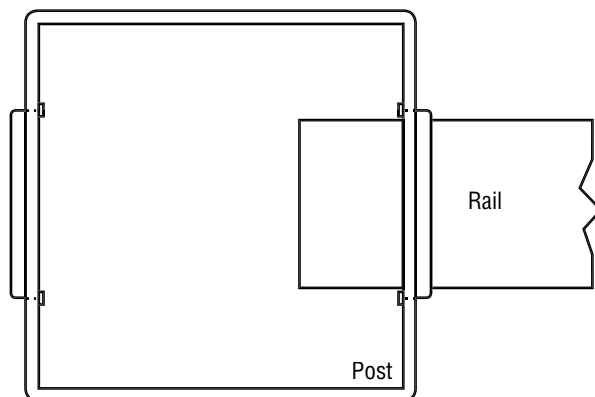Pour concrete around that post and tamp down, leaving concrete about 2" from ground level. Repeat until end of line.
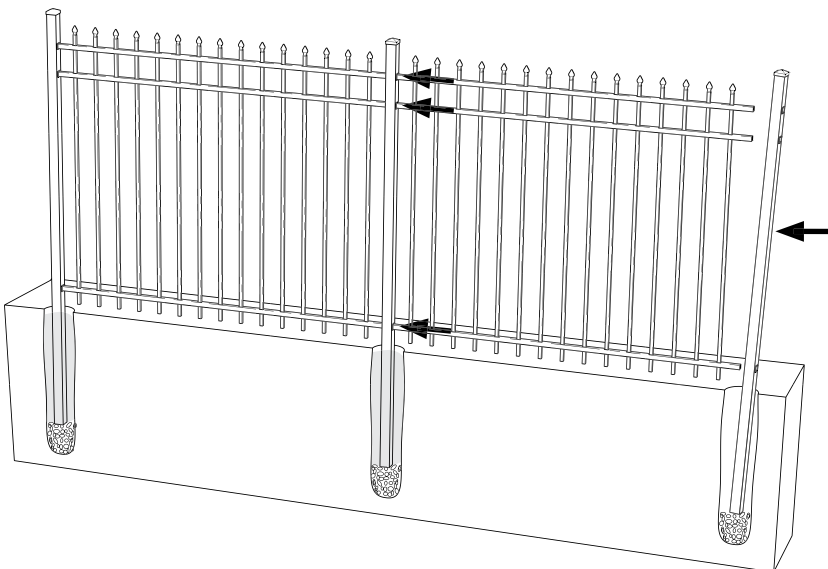
4 All panel rails have a premeasured notch. Please ensure the rail is inserted all the way to the notch. If you need to cut down panels you need to create a new notch by using a hacksaw. (Use the factory notch as your guide.)

Rail

Post

Top view of post
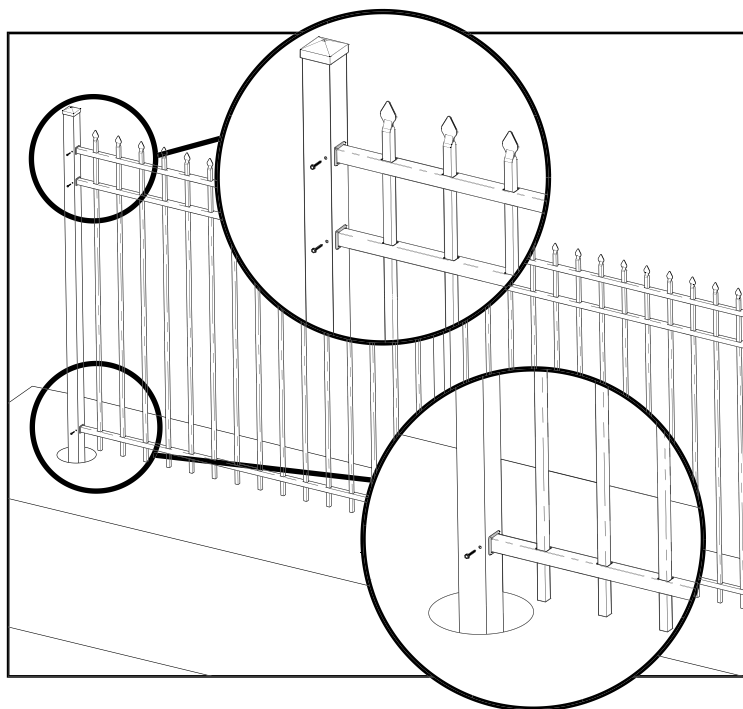
5 Once four or so panels are installed, check to make sure all posts and panels are still level. If a correction needs to be made, use a rubber mallet while the concrete is still somewhat soft.
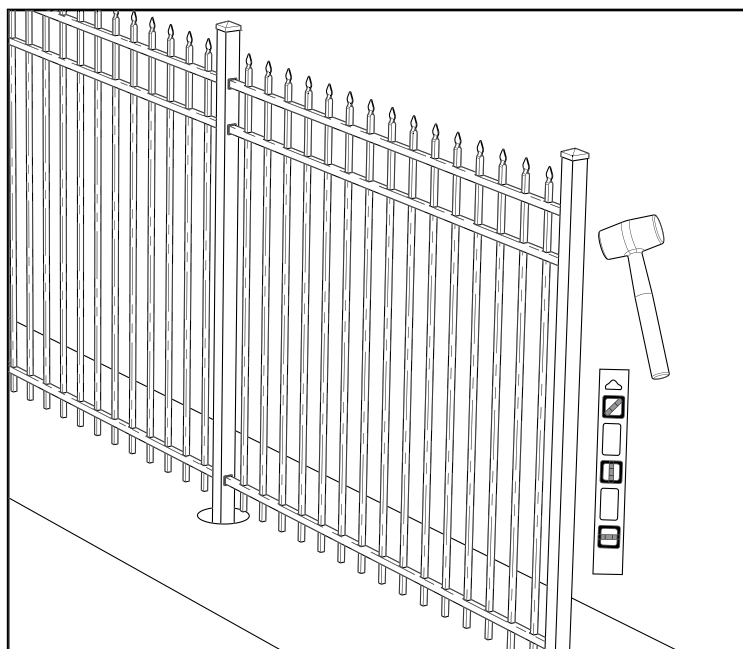
6 After concrete has set, fasten the fence section to the posts using #*8 x 1" self-tapping screws. Be careful not to over-tighten screws because screw heads may break off or strip out.

Gate Installation

1 Self closing hinges are included with all gates. Make sure hinges are set in the proper direction to accommodate either left or right handed gates or provide an inside or outside swinging gate. The post that will have the gate hinges screwed to it will be the (thick walled) "heavy-duty gate post".

2 Make sure the flange side of the hinge is the side the gate and post will be installed onto.

Release tension of hinges with a standard screwdriver prior to installing. Take a flathead screwdriver and push in the tension adjuster and turn 1/2 turn.

If the gate is not attached to fence sections on both sides, then it is advised to install the hinge on the side of the gate with the fence section attached.

Opening Direction
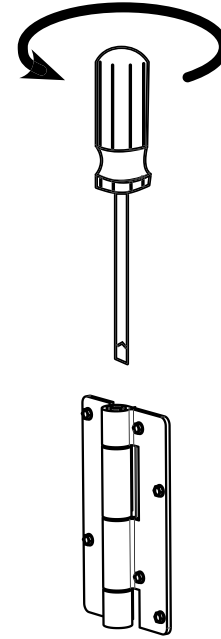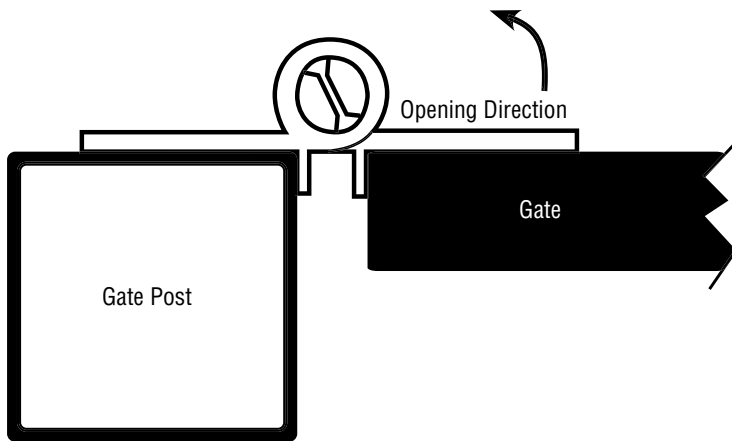
Gate

Gate Post

3 Once the concrete has completely set around the gate post(s) (may take 5-7 days), gates may be hung.

Set the hinges on the gate. Line up the top of hinge with top of top gate rail. Line up bottom of bottom hinge with bottom of bottom gate rail. Drive two 1¼" self-tapping screws through upper hinge into <u>gate</u> (use the inside holes for this step). Repeat for bottom hinge.

4 Hang gate to post. Make sure the horizontal rails of the gate are at the same level as the horizontal rails of the fence panels. Do this by either lifting gate by hand, or by inserting temporary spacer blocks under the gate to keep gate in place while mounting it to gate post.
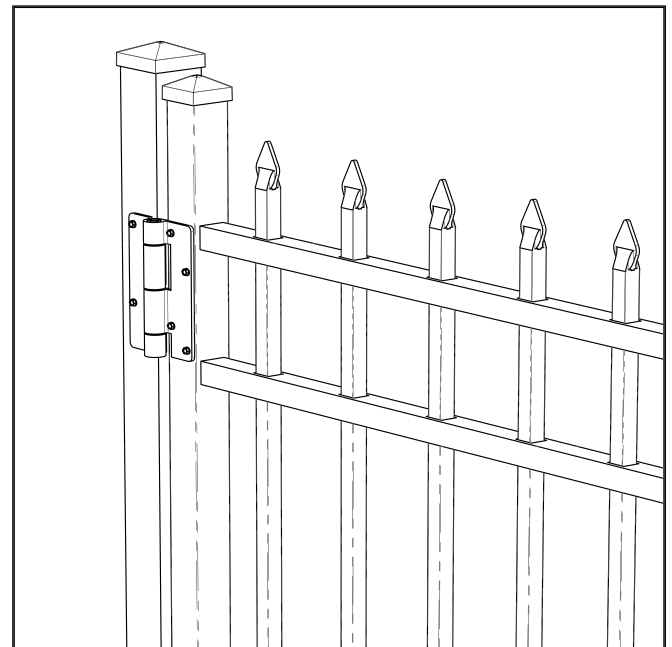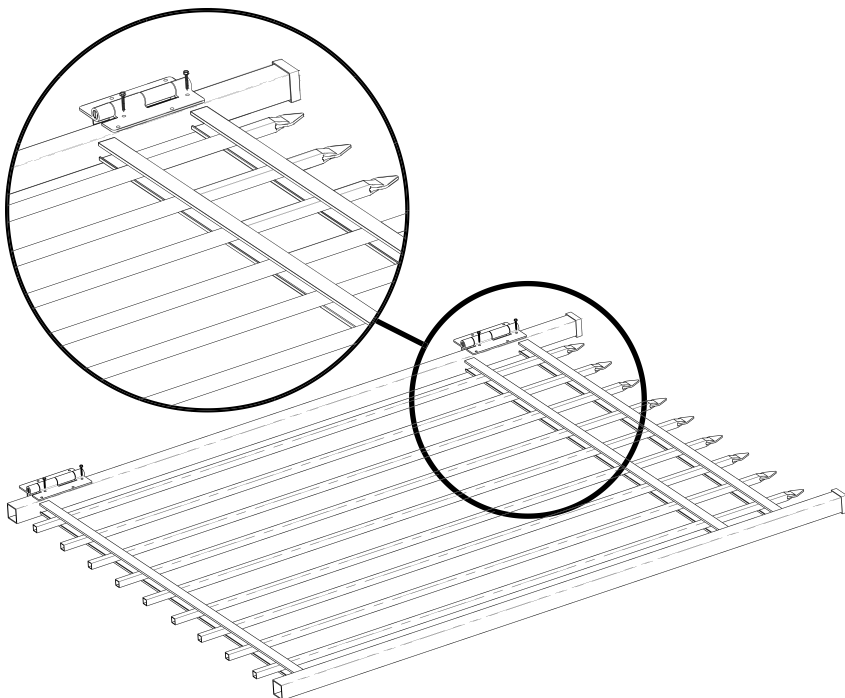
5 Drive two 1¼" self-tapping screws through upper hinge into <u>post</u> (use the inside holes for this step). Repeat for bottom hinge. Screw additional eight screws into hinge.
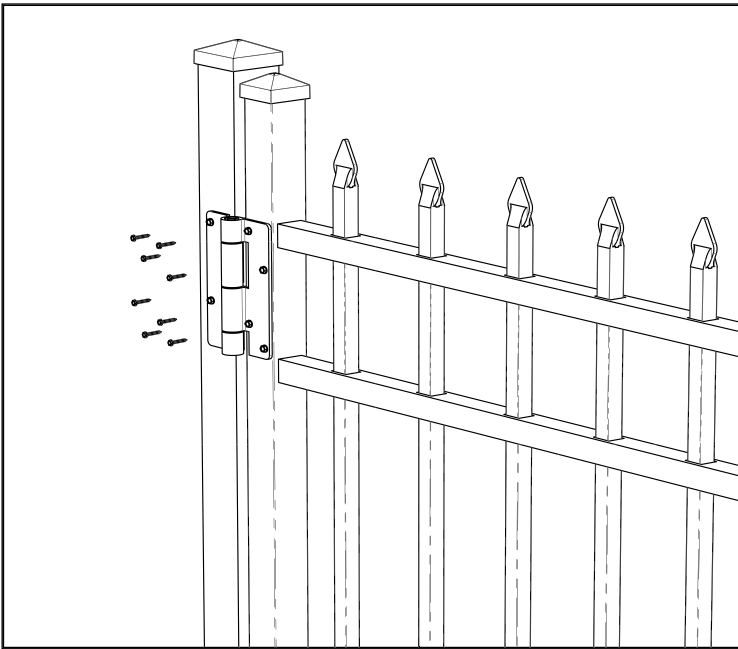
6 Install latch per instructions (Varies by style).
Re-tighten the spring tension of hinge to level started at (turn cam clockwise ½ turn).
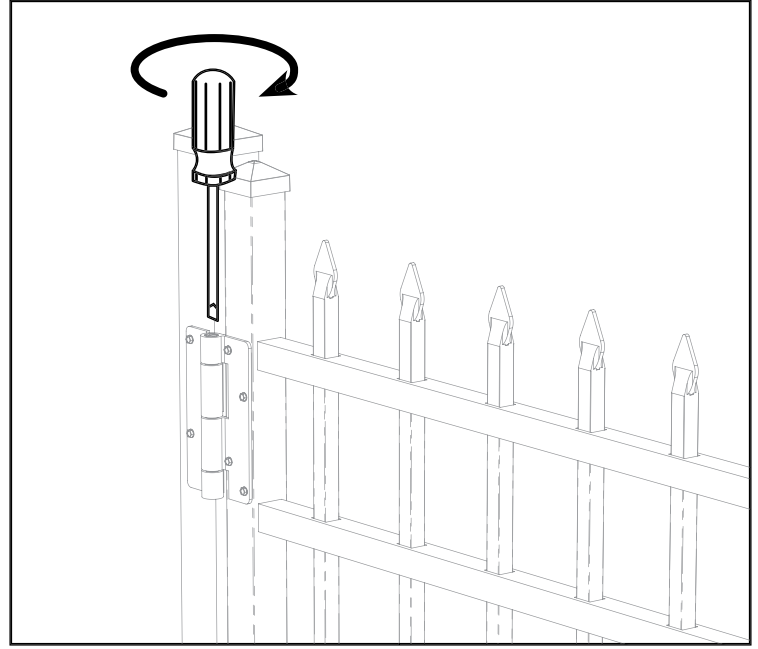
For installation support call:
1-855-859-8908