Jerith®

Patriot™ Ornamental Wire Fence
Installation Instructions

Please read these instructions thoroughly before attempting to install your Patriot Fence. While installation of the fence is relatively easy, this instruction sheet should eliminate any guess work. If you have any questions or problems installing the fence, please call us weekdays at 1-800-344-2242.

Materials Needed:

- Stakes
- String
- Measuring Tape

- Post Hole Digger
- Level
- Concrete Mix

- 5/16" socket
- Drill or Driver
- Hack Saw

Before You Begin Installing Your Fence:

- Establish your fence line by staking out the area to be enclosed and attaching a guide string to the stakes. Make sure the fence is set back from the property line as required by local codes.

- Gates and sections should be installed so that the bottom of the fence is about 2" above ground level. This will allow the grass under the fence to be easily trimmed.

- When you need less than a full section to complete a line of fence, cut it to size.

> **Caution: If it is necessary to cut panels to fit into the fence line or for gates, all cut pieces must be seal-coated with zinc rich primer (known as "Cold Galvanizing") and then painted with Jerith's custom touch-up paint. This two step process should also be done in any place where the finish has been damaged. Failure to follow this procedure may void the warranty!**

- Gate posts should be spaced 6" wider than the desired gate width for single gates, and 10" wider for double gates. (i.e." a 48" single gate needs a 54" opening between gate posts, a 10 foot double needs a 10' 10" opening.)

Fence Installation:

1. Install all end, gate and corner posts first. (The maximum opening for a single gate is 6' 6", and 12' 10" for a double gate.) Dig the post holes and set the posts into them. Fill the holes with concrete and tamp down around each post so the concrete is about 2" below ground level. Any gates will be attached after the concrete has set.

> **Caution: The proper operation of the gate depends upon the correct installation of the gate posts. Make certain that they are plumb.**

2. After the gate posts are set, the other posts are installed. Dig up to 8 holes for the posts along the fence line. If you reach an end or corner of the fence line, then dig the post hole where it's needed. **The center to center measurement of the holes is 72".** Put a post into each hole and pour concrete around it. Check that the post is plumb and aligned with the guide string. Tamp it down to hold the post in position. Leave the concrete about 2" below ground level.

> **Caution: The concrete footings must extend below the frost line in areas where freezing of the ground can cause the posts to "heave". The posts themselves do <u>not</u> have to go below the frost line, however, for proper installation.**

3. When you have 6 – 8 posts installed, align them so that they appear to be one when viewed from the end of the fence line. Continue in this manner until all fence posts are installed.

4. If the grade is too steep and there will be too much space under the bottom rail of the section, it may be necessary to cut the section in half and use an extra post to reduce the space beneath the section.

5. After all of the posts are set firmly, attach a bracket near the top of each post using 2 self-drilling hex-head screws. (See Figure 1). The rails will be level, so adjust the bracket height to take into account any space under the fence due to the slope of the ground. Place a panel of fence into these brackets.

6. Install the bottom brackets onto the posts facing downward (as shown in Figure 1) around the bottom horizontal rail of the section. When the top and bottom brackets on a post are installed facing opposite directions, there is no need to use screws into the rails. Screws can be added if desired, however.

7. Fill in the top of the post holes with dirt and grass so the fence will look like it's been there for years. Your fence installation is now complete!

Gate Installation:

Once the concrete has set around the gate posts, you may install the gates. Proper installation will result in approximately a 2" space between the gate and each of the gate posts. First, you must assemble the gate using a gate kit as follows:

1. For a single gate, cut a section of fence 6" less than the opening size you want. For a double gate, each section should be cut 5" less than half of the opening.

2. Attach the verticals of the gate by inserting them into the horizontal rails of the section and fastening with two self-drilling screws at each corner. (See Figure 2.)

3. Attach hinges to the gate and the gate post using the self-drilling screws provided. Mount one hinge near the top rail of the gate and the other near the bottom rail to distribute the weight of the gate evenly. When using self-closing hinges, the offset hinge will be on the bottom. The gate should now swing freely.

4. For double drive gates, the drop rod is installed before the latch. Fasten one of the two "guides" to the face of one side of a gate frame near the bottom of the latch side. Place the other guide high enough to ensure ground clearance of the drop rod when the gate is opened. Insert the drop rod through the two guides and adjust them for smooth operation.

5. Position the latch at a convenient height (or as required by local codes) and fasten the latch on the side of the gate.
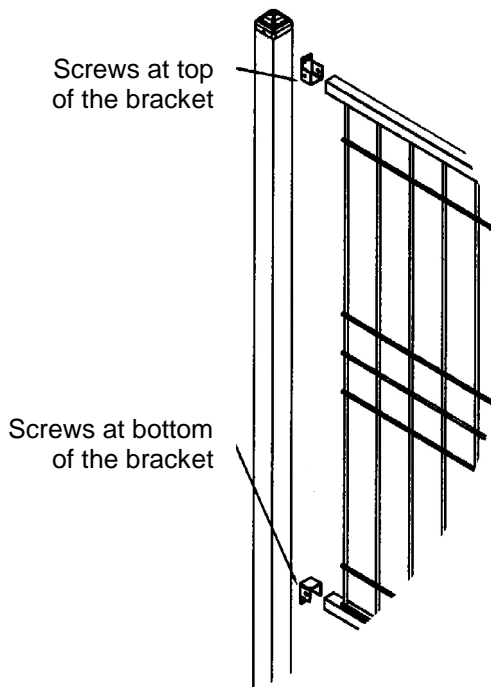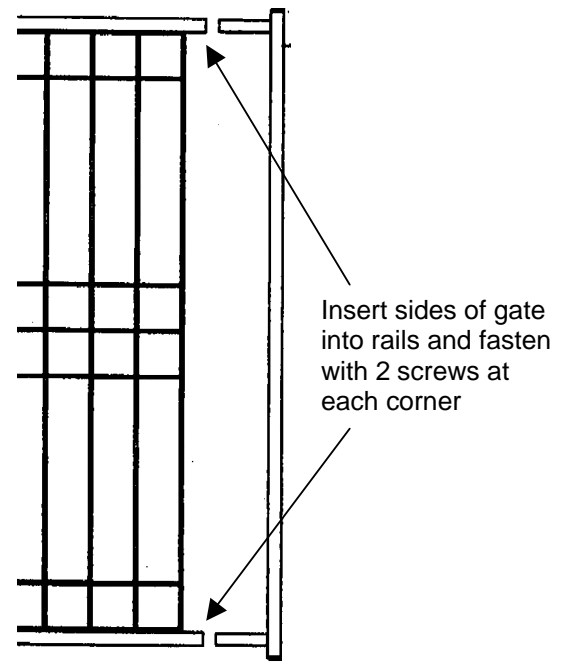
6. Enjoy your Jerith gate!

Screws at top of the bracket

Screws at bottom of the bracket

Figure 1

Insert sides of gate into rails and fasten with 2 screws at each corner

Figure 2