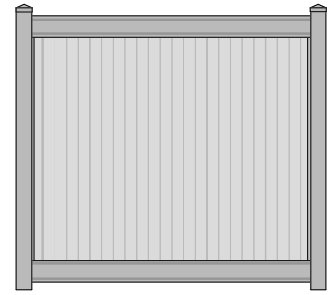**DSI** Digger Specialties, Inc.

Majestic & Superior
Installation Instructions

Always check local building codes, property lines and underground utilities before installation.

Note:

- These instructions must be followed exactly as written and the materials used must be exactly as shown in the instructions. Any deviation from the instructions or variation in the materials used/installed may result in an unsuccessful installation.

- When core drilling any post product where water can build up, the installer is responsible to drill a ¼" hole as close to the bottom of the post by the concrete as possible. If there is no weep hole, you may have damage from moisture build up and freezing.

- Aluminum "H" Stiffeners are <u>required</u> in all line and end posts for 7' and 8' tall fences unless the end post has an aluminum post stiffener. Corner posts do not need aluminum stiffeners.

- The Superior has a Snap Lock Tongue and Groove vertical to give a smooth look. The Majestic is the same, except it has lattice on top.
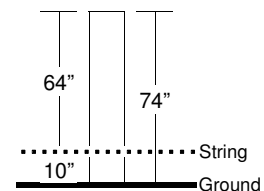

Step 1:

Layout the fence with a string line. Posts need to be 96" center to center for an 8' section (or 91" between posts). These are 5" posts, so the center of the post will be 2½" off the string. Mark the ground where the centers of all holes will be. Dig all holes. We recommend to have the bottom of the holes at least 3' deep, below the frost line (if possible) and bell out the bottom of the holes to help prevent frost uplift. For 5" x 5" posts, 10" to 12" diameter holes are recommended.

Step 2:

To help achieve correct height for posts, set string at a certain height from the ground. The following example is using string set 10" off the ground.

Example: 72" Majestic fence is 74" from the ground to the top of the post; subtract 10" (amount string is off the ground) from 74" (post height out of ground) = 64". Mark with a pencil 64" down from the top of all the posts.

64"   74"

10" .... String
Ground

Pour approximately half a bag of concrete mix in the hole. Level the posts to the string and to 96" center to center (if needed, you can use a 91" spacer for this). Tap the post down until the pencil mark is at the string. Pour more concrete around the posts. We recommend the concrete be at least 8" below the ground. Set all posts. Make any final adjustments to line up the posts. Using a rod (or something similar), run it up and down through the concrete a few times around the post to help pack the concrete. Pour some water on the concrete. For best results, let the concrete set up for a day or so.
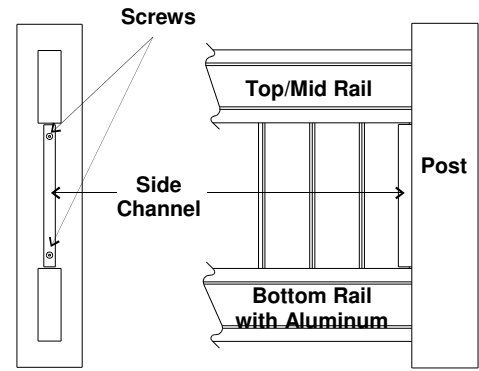
NOTE: If using Aluminum Stiffeners, install inside of posts when installing posts.

Step 3:

Insert the bottom rail (make sure bottom rail has aluminum in it). Center side channel on post and between bottom and next routed holes. Screw side channel to post at both ends. (See Example 1) Install verticals. (See Example 2) End verticals can be cut in width for special length sections.

Superior; install the top rail. If installing 7' or 8' tall Superior, insert mid rail (make sure mid rail has aluminum in it). Repeat above procedure.

Majestic; insert the mid-rail. Center the lattice side channel on the post and between the mid and top routed holes; screw to posts following above procedure. Insert lattice and install the top rail.

Screws

Top/Mid Rail

Post

Side Channel

Bottom Rail with Aluminum

Example 1   **Example 2**

Cutting Sections to Special Lengths:

Cut and notch the rails to the desired length. Also, the end verticals will need cut to the desired width.

Step 4:

Attach the caps on the top of the posts with PVC glue. Fill all holes with dirt, limestone or accent of your choice.

Gate Installation:

We recommend aluminum post stiffeners be used inside each gate post. These will strengthen the posts to be strong enough to support the gate and is an excellent base to fasten the gate hardware to. Install the stiffeners inside the gate posts when installing the posts. Place open side of post stiffener towards fence. If using a blank post, make sure the closed sides are towards the gate opening. The gates are pre-assembled; however, the hinges and latch will need to be applied. Installation instructions are provided with the gate hardware.

Notched Fence Rail

Gate Hardware

Open Side of Post Stiffener

Closed Sides of Post Stiffener

Gate Rail

Blank Post

Gate Rail

Open Side of Post Stiffener

Closed Sides of Post Stiffener

Gate Hardware

Gate Rail

Gate Hardware

Notched Fence Rail

Open Side of Post Stiffener

Closed Sides of Post Stiffener