

Tri-Max II & Tri-Max II with Lattice



Installation Instructions

- It is the responsibility of the installer to meet all code and safety requirements, and to obtain all required building permits. The installer should determine and implement the installation techniques appropriate for each unique installation situation. Digger Specialties, Inc. and its distributors shall not be held liable for improper or unsafe installations.

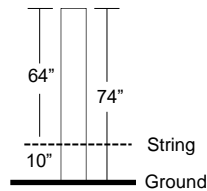
Step 1: Layout the Fence Line

Use a string line to layout the fence line. If installing 8' sections, posts need to be 96" center to center (or 91" between posts). These are 5" posts, so the center of the posts will be 2½" off the string. Mark the ground where the centers of all holes will be. Dig all holes. We recommend having 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. If core drilling post into set concrete where water can build up, the installer is responsible to drill a ¼" weep hole as close to the bottom of the post by concrete as possible. If there is no weep hole, you may have damage from moisture build up and freezing thus potentially voiding the warranty.

Step 2: Correct Height for Posts

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" Tri-Max II 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.



Pour approximately half a bag of concrete mix into 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: Aluminum "H" Stiffeners are required in all line and end posts for 7' and 8' tall fences. Corner posts do not need aluminum stiffeners.

When aluminum stiffeners are used, install stiffener inside of post when installing posts.

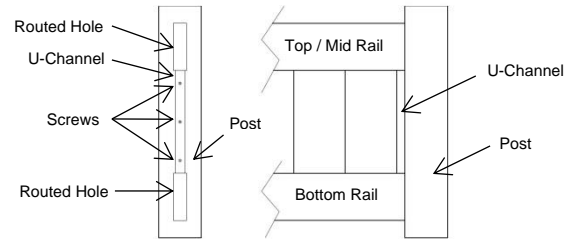
Step 3: Insert Sections into Posts

Note: If inserting sections into a gate or corner post, insert rail into line post first and then insert into gate or corner post

Center U-Channel on post between routed holes.

Screw U-Channel to post (screws provided), spacing screws evenly. Insert bottom rail (with aluminum reinforcement) into post. Let the rail go in until you can get the opposite end of the rail into the opposite post and lock it in. Insert vertical panels into bottom rail.

Step 3: Insert Sections into Posts cont'd



Tri-Max II: Put on top rail locking it in both posts. If installing 7' or 8' tall section, insert mid rail (with aluminum reinforcement) into post with the preformed opening faced up and the routed opening faced down. Repeat above procedure.

Tri-Max II with Lattice: Put on mid rail locking it in both posts. Insert lattice; and then put on top rail locking it in both posts.

All horizontal rails need to be notched if cut down in length.

All rails need to go inside of the post 13/16" on each side.

Step 4: Attach Caps to Post

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

Step 5: Gate Installation

Aluminum post stiffeners are recommended to 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 installed. Installation instructions are provided with the gate hardware.

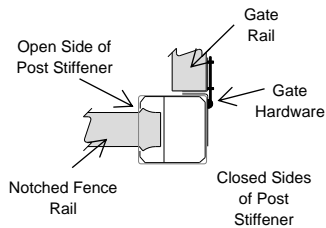
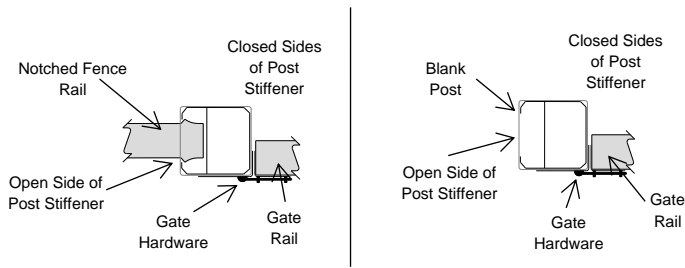
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Step 5: Gate Installation cont'd



Step 6: Care and Cleaning

Remove all particles and residue from Tri-Max II components by referring to Care and Cleaning Requirements found at:

