

Aluminum Fence Installation Instructions

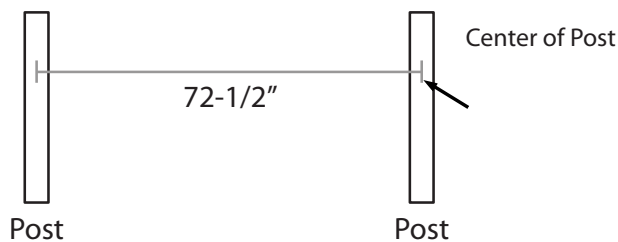
Required Tools



PLEASE NOTE: Additional accessories are required if installing on hard surface, such as a deck, or if mounting the end panel to a wall.

STEP 1: PLAN YOUR DESIGN

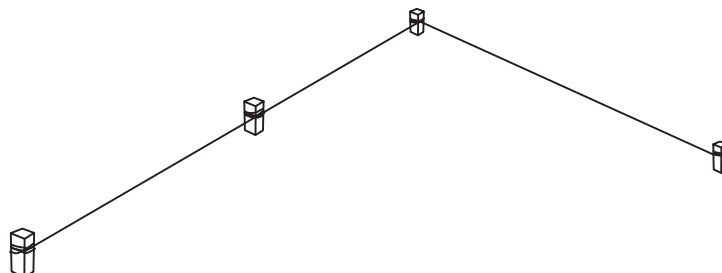
Decide on your layout and remember to consider where the gate will be installed. Regular posts should be set 72-1/2" apart, measuring from center to center of each post, while gate posts should be set 1" wider than the width of the gate itself to allow room for the hinges.



TIP: All aluminum panels can be cut to the size needed. When cutting, use a standard hand saw or reciprocating saw and be sure to leave 2" of spacing at the end of each horizontal rail.

Layout the perimeter of determined fencing area with stakes and masons string to keep posts in line when installing. Place the wood stakes where you intend to install the posts.

All IronCraft aluminum panels can be installed on an incline. The same method of installation should be followed, simply push the panel up or down to accommodate a hill or slope.



STEP 2: CHOOSE POSTS

Determine the correct post type for each post location - Line Post, End/Gate Post or Corner Post. It may be helpful to drop each post at the appropriate stake to avoid confusion during installation.



LINE POST



CORNER POST



END/GATE POST

Wall mounts (sold separately) are required when mounting the panel to a wall or masonry.

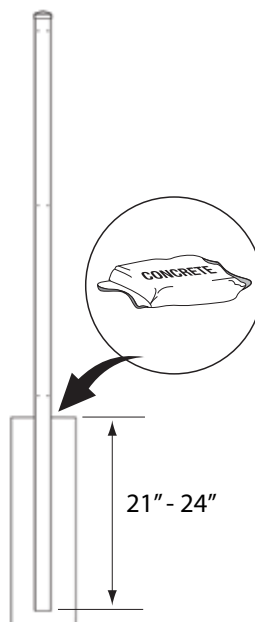
STEP 3: POST, GATE & PANEL INSTALLATION

For the easiest installation, we suggest installing each post and panel in a sequential manner.

Starting with the first post, remove the stake from the ground and dig a hole measuring approximately 8" in diameter and around 22" deep in the stakes place. Once the hole is dug, position the post in the hole and check to make sure the pre-cut holes are facing the direction the panels will be installed. Using a hammer and a block of wood (to protect the post) hammer the post into the ground approximately 2" so the post is 24" below ground level. This will provide stability when pouring concrete and attaching the panel to the post.

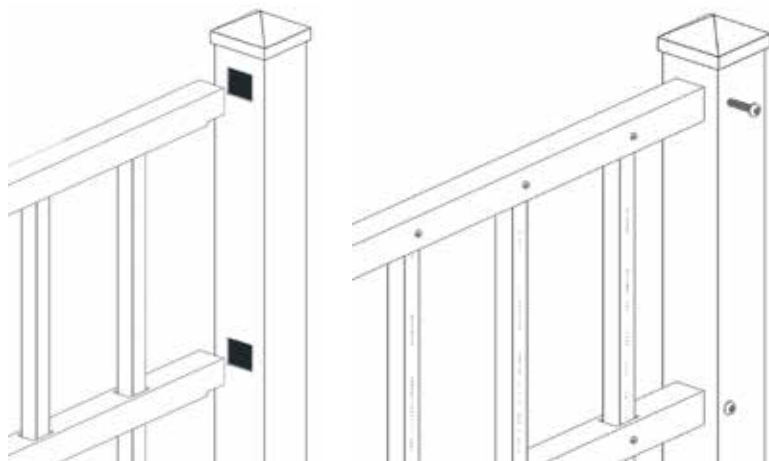
Tip: Measure between 21" - 24" from the bottom of the post and mark with chalk or a temporary marker to ensure proper height placement. The mark on the post should align with ground level once post is in ground.

Warning: Depth of post in ground is determined by grade and soil. Looser soil will require a deeper hole.



Once the first post is in the ground, pour concrete to fill the hole, filling just enough to provide a slight slant for water runoff.

Assemble panels and posts by inserting the horizontal rails on the panels into the pre-cut holes on post. Secure the posts with screws included. Place 2" wood blocks underneath the panel when attaching the panel to the post for additional support.



TIP: If installing the fence at an angle greater or less than 90°, use one angle connector (sold separately) per each horizontal rail end.

Continue to the next in-ground stake, following the same actions as listed above. Continue this until fencing system is complete.

When you reach the area for the gate, remember to set the posts 1" wider than the width of the gate itself to allow room for the hinges.

Installing the Gate:

Start by planning the swing of the gate. Align the opened hinge so that the L-bracket will fit on the gate and the flat half of the bracket will attach to the end/gate post. Position hinges so that they are approximately 8" from the top and bottom of the gate panel.

Start by installing the hinges to the end/gate post, opening the hinge and pushing fully against the top, keeping flush and attach to the post using 3 self-tapping screws (included with the gate).

Next, hold the gate in position so the top of the gate aligns evenly with the top rail of the fence panel, then position the gate into the L-bracket of the hinge and attach with 4 self-tapping screws.

Note: Gates do not rack

WARNING: VERIFY LEGAL REQUIREMENTS FOR USE WITH POOLS, HOT TUBS, AND SPAS.

Note: See Warning on ironcraftfences.com