

Visit [OnlineFenceStore.com](https://www.onlinefencestore.com) for full installation videos.

Before you begin, always call **811** to have underground utilities marked. Be sure to follow the **5 steps for safe digging**.

Tools You'll Need

- Tape measure
- Level
- Marking paint
- Tamping/digging bar
- Utility string
- Metal cutting saw (with safety glasses)
- Metal shears
- Drill with Phillips and hex driver bits
- Post-hole digger
- Powered auger with a 6-inch diameter bit (recommended for larger jobs)

Step 1: Locate Property Lines & Set Your Fence Line

Start by locating your property markers. Some HOAs require a setback from your property line, so be sure to follow all local codes and regulations.

Once you've confirmed your fence placement:

- Run a string along your intended fence line.
- Drive stakes into the ground to secure the string.
- This string will serve as your guide for proper alignment.

Step 2: Set Gate Posts

In this installation, we're starting with the gate posts. You may also begin with an end or corner post if preferred.

1. Dig your post holes with a minimum 6-inch diameter.
2. Make sure holes extend below your local frost line.
3. Gate posts are twice as thick as standard line, end or corner posts.

Gate Post Spacing

Set gate posts **1 to 1½ inches wider** than the actual gate width to allow room for hardware.

Example:

If your gate measures 47 inches wide, set your posts 48 to 48½ inches apart (inside to inside).

Place the posts in the holes and pack with concrete. Each hole will require approximately **40–60 pounds of concrete**. You may either:

- Pre-mix the concrete, or
- Dry pack it (see our website blog for details on both methods).

Plumb each post in both directions and continue checking for plumb while tamping.

Step 3: Install Line Posts & Panels

Once your first post is set:

1. Measure **72½ inches center-to-center** to mark line post locations.
2. To maintain accuracy, dig only 4–5 holes at a time.
3. Insert line posts and slide fence panels into the posts as you go.
4. Pack holes with concrete.

Use the provided self-drilling post screws to secure panels to posts.

Continue checking each post for plumb.

Don't worry if the fence appears uneven at first.

- If dry packing, you can level the entire line after installation.
- If wet mixing, you must level as you go.

Step 4: Cutting Panels for End or Corner Posts

At the end of a run, you may need to cut a panel to fit.

For End or Corner Posts:

1. Measure the inside-to-inside distance between posts.
2. Add **1½ inches** to this measurement.
3. Cut panel to this length.

After cutting:

- Remove a **¾-inch by ⅛-inch** section from all rails (notching).

For **corner posts**, remove:

- The ¾" x ⅛" section
- Plus an additional ½-inch piece

This allows both rails to fit into the corner post at a 90-degree angle.

Step 5: Installing Wall Mounts

If attaching to wall mounts:

1. Hold the mount in place.
2. Measure the distance from the post to the inside of the wall mount.
3. Add **¾ inch**.
4. Cut panel to this length.

No rail notching is required when inserting into wall mounts.

Step 6: Install the Gate

Once gate posts are fully set:

1. Attach hinges to the gate post.
2. Position the gate between the posts.
3. Align the gate rails with adjacent fence panel rails.
4. Attach hinges to the gate.

You may need to slightly raise or lower the posts for proper alignment.

Next:

- Install the latch on the opposite post.
- Close the gate and align the strike.
- Center the strike inside the latch and secure it.

Step 7: Level the Fence

If you dry-packed your concrete, leveling should be done the same day.

If you wet-mixed, leveling must be done during installation.

To level:

- Sight down the fence line.
- Adjust posts in and out while checking for plumb.
- Raise or lower posts to ensure consistent height.
- Work carefully post by post until alignment is perfect.

Taking the time to properly level ensures a professional-looking finished fence.

Final Steps

- Install post caps.
- Hose off any debris.
- Add water around posts to begin curing the concrete (if dry packed).

We hope this guide has helped you understand how to install your aluminum fence and gate.

If you have questions during installation, we're here to help.

Visit **OnlineFenceStore.com** for contact information, blog resources, and additional installation advice.

Thanks for choosing OnlineFenceStore.com!