



STOP Read Carefully

Failure to follow the recommended installation instruction process will result in loss of Manufacturer's Warranty. Warranty. Alternate procedures or post spacing in excess of 8' will require a written authorization from Ranch Life Plastics Inc. to retain warranty rights.

Sloping Terrains

Racking:

On slightly sloping properties, the top rail of the fence follows the sloping terrain and the adjustment for slope is made by varying the post height. Rail or picket fence will conform more easily to a sloping terrain than privacy fence. Privacy fence can be racked 4" to 6" per section.



Stepping:

With the stepping method, the rails are kept horizontal and the posts are extended to accommodate the variance in terrain. Stepping requires field routing of posts.

Before installing any style of fence you must always:

- * Check with local ordinances on rules and regulations
- * Call Miss Dig and wait until all utilities are marked before you start digging. YOU will be responsible for any private lines on your property.

A. Layout a String Line:

Initially plan on installing all types of PVC fencing in short sections. This makes it easier to correct measuring errors.

String the line at outer edge of the desired post locations.

Determine gate locations and opening size.

Determine exact post locations based on the length of your fence section.

The fence section width is measured from the center of the post to the center of the next post.

Mark the location of each post hole with bright colored spray paint.

B. Set First Post:

The first post should be a corner post or end post.

Determine the distance that you want the bottom rail to be from the ground. Measure the distance on the post from the post's bottom rail slot down to the end of the post. Subtract your ground clearance. This measurement will be your post hole depth.

We suggest using a 10" or 12" auger for 5" post.

Smooth the walls of the hole and set the post in the hole. Make sure the rail slots are in the direction of the fence line.

Use your level to make sure that both the top and bottom of the post is level.

If you're backfilling with dry mix concrete, tamp the backfill tightly. If the ground is extremely dry, add 1-2 gallons of water on top.

If you use wet concrete, avoid getting concrete on the sides of the post for cosmetic reasons.

Make sure the height of each post is correct.

If backfilling with pea stone or lime stone, fill the hole and tamp making sure the post stays level.

(over)

Installation Instructions for Post and Rail Fence

C. Set Second Post:

Measure from the center of the corner post 8' (if using an 8' section of fence). This would be the center mark for your first line post.

We do not recommend a fence section greater than 8' on center.

Level and backfill posts.

D. Setting Gate Post:

Preferred Method: Once the posts on either side of a gate are installed drop the aluminum insert into the post.

The open side faces the routed rail holes.

Place extra cement around outside of each post. Wipe concrete off post while wet.

Alternate Method: Install rebar inside of post and fill with cement.

Place extra cement around outside of each post. Wipe concrete off post while wet.

E. Install Rails:

The rails are 16' (191 1/2") long which allows them to go through the center port and snap into the port of either side.

When starting a run both 8' and 16' rails should be used. Start with a 16' rail at the bottom then use an 8' rail for the second rail, then a 16' rail for the third rail. This will stagger the joints and make a stronger fence. When properly installed, the rails will have a small amount of side to side movement. This allows for expansion and contraction. Do not let the rail ends rest on the opposite inside wall of the post. If notching tool is not available you can create an effective restraint by putting a large head screw on each side of the rail. The screw should be 1" from the end of the rail. Rail clips are also available.

F. Install Second Section:

Repeat steps D and E

G. Level and Secure:

Level and square the fence.

To lower a post, place a block of wood larger than the post on top of the post and tap with a mallet. Never strike the PVC post without a wood block for support.

To raise a post lift up on the bottom rail and pull the post up. When it is at the proper height, pour additional backfill material inside the post.

H. Gate Installation:

Place the gate on blocks and square it with the fence. The rails should be level.

Install gate hardware -see instructions inside hardware package. Refer to D

If using rebar and concrete in posts let gate set on blocks for 72 hours or until concrete sets.

I. Install Caps:

External Caps: Place a small amount of PVC cement on the inside of the cap lip.

Internal Caps: Place a small amount of PVC cement on the inside of the post.

J. Clean Fence:

A mild cleanser such as Simple Green, deluded in water, may be used to wipe off dirt and marks. Refer to D.