



# Chain Link Fence Installation Guide



**CHECK BEFORE YOU DIG!**

More saving. More doing.™



## Important Information

**⚠ WARNING** Identify and comply with all zoning restrictions and building codes. Obtain building permit if required. Locate all underground and overhead utilities and avoid contact between the utility and the product or any metal tool. Such contact could result in serious injury or death, including injury due to electric shock. Ensure that the work area is safe and free from all potential hazards and keep children away from the work area. Always work in a safe manner and use tools properly in accordance with instruction manuals. Exercise caution when installing the product. These products have sharp edges and may fragment during cutting. Always wear protective gear including gloves, footwear, eyewear, hardhat and appropriate clothing. Do not apply horizontal or vertical weight or pressure on the installed products.

No member of the Peak Group of Companies\* shall be liable for any loss or damage resulting from the use or improper installation of any of these products. If any member of the Peak Group of Companies becomes liable for any loss or damage in respect of any or all of these products, the aggregate liability of the Peak Group of Companies shall be limited to the retail purchase price of that or those products.

\* The Peak Group of Companies is defined at [www.peakproducts.com](http://www.peakproducts.com)

These instructions have been prepared for certain standard residential applications. Obtain professional advice for any irregular or non-residential application.

## Tools Needed

- Safety goggles
- 2"x2"x24" wooden stakes
- Hammer
- Heavy string, 2.5 times the total length of fence
- Spray paint (for marking post hole locations)
- Post-hole digger or auger
- Concrete - approx. 1.5 bags per post
- Wheelbarrow and shovel to mix concrete
- Fencing components (determined using Peak® Fencing Layout Planner)
- Adjustable wrench
- Hacksaw or pipe cutter for cutting top rails
- Heavy-duty pliers with wire cutter (fencing pliers)
- Fence stretcher

## Planning

**Prior to starting your fencing project, check with your local authorities for:**

- location of underground services / utilities
- location of legally established property lines
- obtaining building codes and permits

## Chain Link Fence Installation

### Step 1: Plan Your Fence

Follow Peak® Fencing Layout Planner to layout your fence and to determine the components you will need.

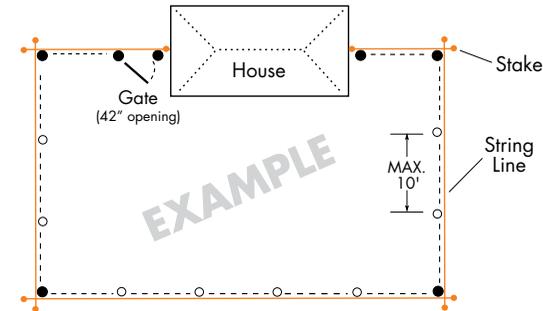
Purchase necessary components.

### Step 2: Install String Lines & Mark Locations of Posts

Using 2"x2" stakes (or similar) and string, install string lines to determine the exterior face of your new fence. Ensure that you stay within legally established property lines.

Using spray paint, mark the position of all main posts and line posts. Main posts should be used at all corners, ends and beside gates.

Space line posts equally between main posts (line post spacing should not exceed 10'). Rough opening for gate should be 42" (inside of post to inside of post).



### Step 3: Dig Post Holes & Set Post



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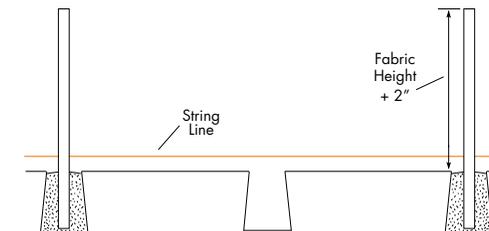
Using a post hole digger or auger, dig holes for posts. Taper sides of post holes to help prevent frost heave - approx. 28" deep for main posts and 26" deep for line posts. Tops of post holes should be approx. 8" diameter for main post & approx. 6" diameter for line posts.



### Install Main Posts

Mix concrete, place main posts into centre of post holes (just touching string line), surround bases of posts with concrete\* and ensure posts are plumb. Finished height of main posts should be 2" higher than the height of the fencing fabric you are using.

(For uneven or terraced ground posts may need to be set higher.)

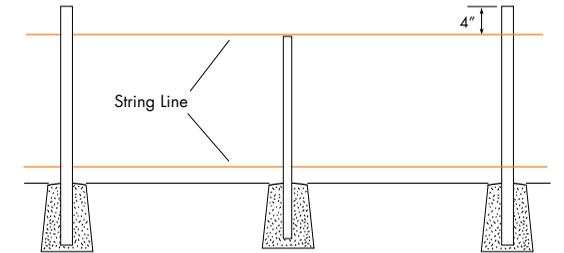


### Install Line Posts

After main post concrete has set, install a string line between main posts 4" from the top. Mix concrete, place line posts into centre of post holes (just touching both front and top string lines), surround base of posts with concrete\* and ensure posts are plumb. Finished height of line posts should be 4" lower than main posts.

(For uneven or terraced ground posts may need to be set higher.)

\*to help prevent premature corrosion of post, trowel top of concrete to slope away from post.

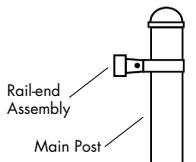


Install post caps onto main posts.

Once line post concrete has set, remove string lines.

### Step 4: Install Top Rails & Bracing Wire (Bracing Wire optional)

Install rail-end assembly at first post



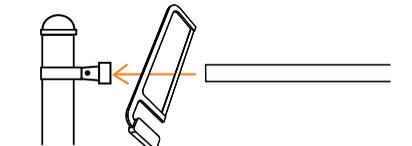
Install line post caps onto line posts, feed top rail through caps and insert top rail into rail-end assembly at first main post



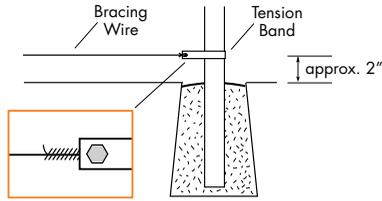
Continue to feed additional top rails through line post caps. Connect rails by inserting tapered end of rail into next rail.



Cut final top rail to length with hacksaw or pipe cutter and attach top rail to main post with rail-end assembly.

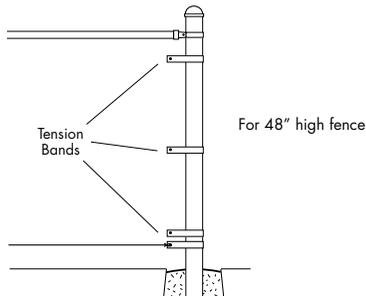


\*Optional: Install tension band approx. 2" from bottom of post. Offset (flat) section of tension band should run along the same side of the fence as the fencing fabric. Wrap bracing wire around bolt in tension band and twist bracing wire on itself to secure.

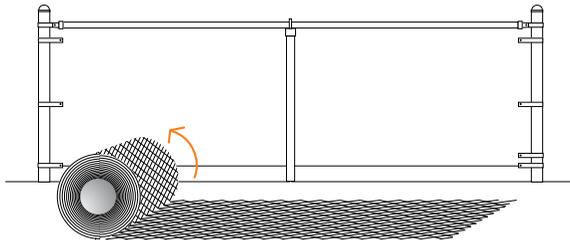


### Step 5: Install Fencing Fabric

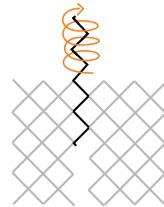
Install tension bands on main posts to accept tension bar and fencing fabric (3 bands per post for 48" fabric, 4 bands per post for 60" fabric). Offset (flat) section of tension band should run along the same side of the fence as the fencing fabric.



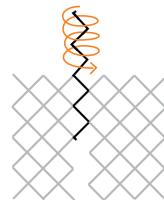
Starting at a main post, unroll fencing fabric on the ground towards next main post



To remove excess fencing fabric, use pliers to open top & bottom 'knuckles' (where wires are locked together) and unweave one of the wires.



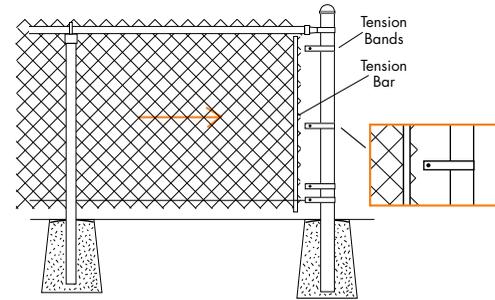
To attach additional fencing fabric, weave a wire through two separate sections and using pliers, lock 'knuckles' together.



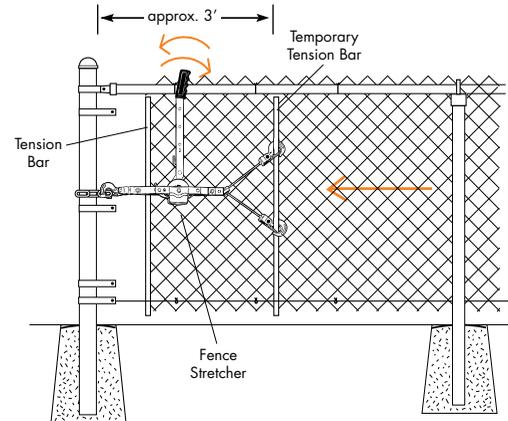
### Step 5: Install Fencing Fabric (continued)

Lean fencing fabric against posts and top rail.

Insert a tension bar through one end of the fencing fabric and attach to first main post using tension bands



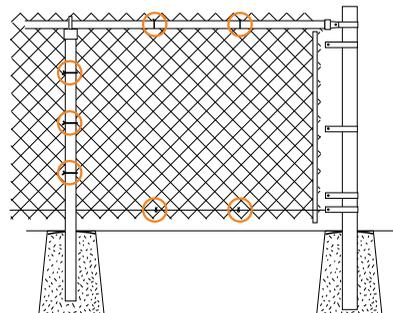
Install a temporary tension bar approx. 3 feet from final main post. Using a fence stretcher, stretch fence towards final main post and attach mesh to final main post with another tension bar and tension bands. Do not over-stretch the fence fabric - it should have a slight amount of movement when squeezed by hand. Once securely installed, release fence stretcher and remove temporary tension bar.



### Step 6: Attach Fence Fabric to Line Posts, Top Rail and Bracing Wire

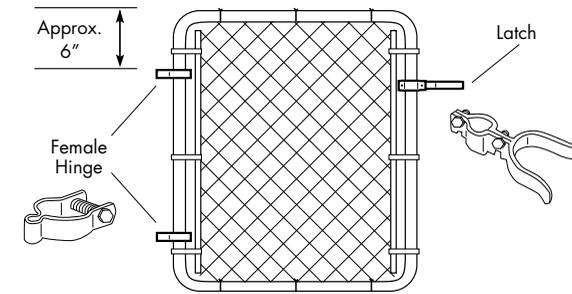
Using fence ties, attach fencing fabric to top rail, line posts and bracing wire using the following spacing:

- Top rail: every 24"
- Line post: every 12"
- Bracing wire: every 24"

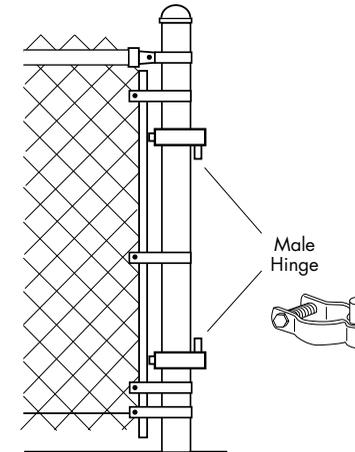


### Step 7: Installing a Gate

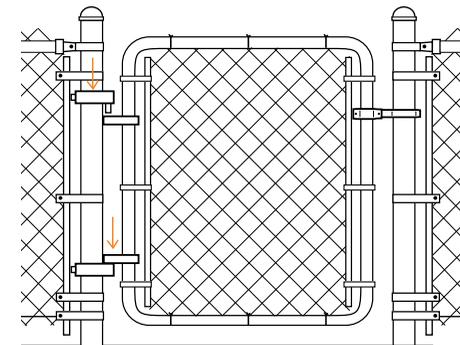
Install female portion of gate hinges to gate frame (approx. 6" from top and bottom of gate frame) and latch to opposite side of gate frame.



Install male portion of gate hinges onto gate post (pin facing up on bottom hinge and down on top hinge). Tighten bottom hinge only.

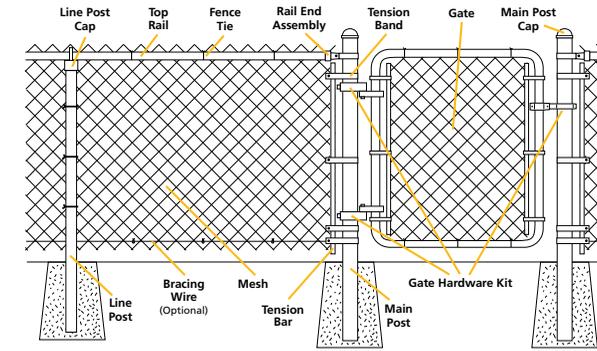


Attach gate to post by placing bottom gate frame hinge onto pin of bottom gate post hinge. Then, lower pin of top gate post hinge into gate frame hinge and tighten.



**OBTAIN PROFESSIONAL ADVICE FOR ANY APPLICATIONS THAT ARE NOT DESCRIBED IN THIS INSTALLATION GUIDE.**

## Component List



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