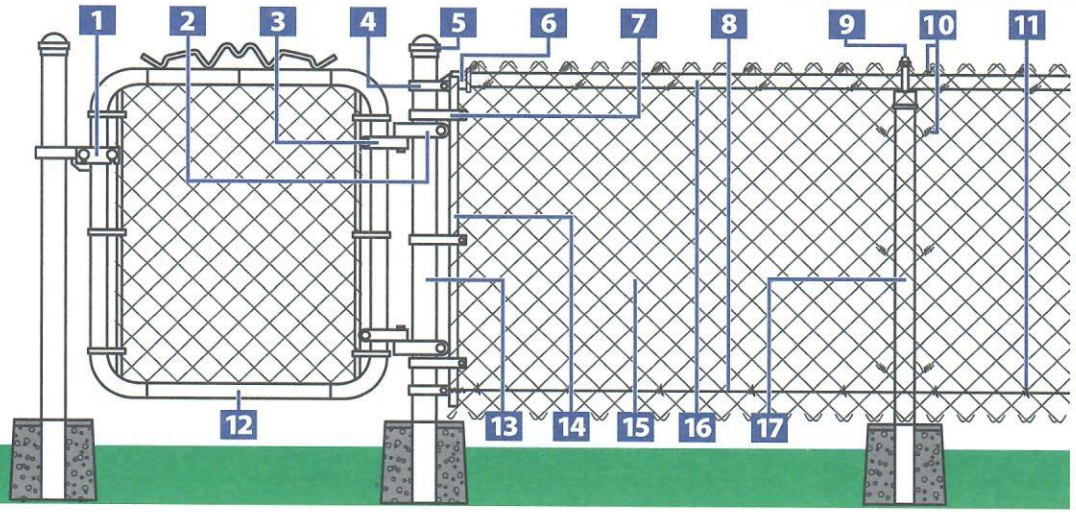
CHAIN LINK FENCE

Installation Guidelines



BEFORE YOU BEGIN

Ensure that fence footings **do not exceed legally established property lines.** If uncertain, refer to your real estate line plot or consult a professional surveyor.

Check local codes for specifications regarding frontage locations, allowable fence heights, etc. A permit may be required.

Consult with local utility companies for locations of underground cables or pipelines.

TOOLS

Tape Measure, String & Stakes, Post Hole Digger, Wheelbarrow, Shovel, Hoe, Concrete Mix (two 60 lb. sacks per hole), Carpenter's Level, Hacksaw or Pipe Cutter, ½" and 9/16" Wrenches, Fence Stretcher, Come-Along Hand Winch, Pliers (Regular & Hog Ring)

SAFETY FIRST!

NOTE: The information contained in these guidelines is intended to provide general guidance with basic chain-link fence installation. The installer ***must take proper safety precautions***. If you have any questions or doubts in regards to your fence installation, please consult with a licensed professional.

1 Gate Fork Latch

Use 1 per Walk Gate

2 Post Hinge

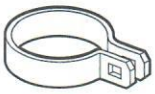
Use 2 per Walk Gate,
4 per Double Drive Gate

3 Gate Frame Hinge

Use 2 per Walk Gate,
4 per Double Drive Gate

4 Rail End Band

1 for each end post,
1 for each gate post
2 for each corner post



5 Terminal Post Dome Cap

1 for each Terminal Post

6 Rail End

1 for each Terminal Post
2 for each Corner Post

7 Tension Band

Secures tension bar/fabric to posts
Use 1 for each foot in fence height, double for corner posts

8 Bottom Tension Wire

Same length as fence, less gate openings (Optional)

170 Foot Rolls

9 Line Post Cap Eye Top

1 for each Line Post

10 Fence Tie Wire

1 for every 24" of top rail
1 for every 12" of line posts

30 Pack

11 Hog Rings

Tension Wire Clip
1 for every 24" of tension wire

40 Pack

12 Gates

Single Walk Gate: 36", 39", 42" & 48"
Double Drive Gate: 10 ft. or 12 ft.

Measurements are for opening width, gates are smaller to accomodate hinges

13 Terminal Post

Larger diameter for end, corner and gate posts

14 Tension Bar

1 for each end post
1 for each gate post
2 for each corner post

15 Fabric

Same length as perimeter of fence, less gate openings

50 Foot Rolls

16 Top Rail

Same length as chain-link fabric

10' 6"

17 Line Post

Distribute line posts equally.
Maximum: 10 ft. span

Carriage Bolts

1 for each Rail End Band
1 for each Tension Band

5/16" x 1-¼"

Top Rail Sleeve

Used to join top rails

Walk Gate Fittings Kit

2 Post Hinges
2 Frame Hinges
1 Fork Latch
Carriage Bolts

Drive Gate Fittings Kit

4 Post Hinges
4 Frame Hinges
1 EZ- Latch
Carriage Bolts

DESCRIPTION	QTY.
1. Gate Fork Latch	
2. Post Hinge	
3. Gate Frame Hinge	
4. Rail End Band	
5. Terminal Post Cap	
6. Rail End	
7. Tension Band	
8. Bottom Tension Wire	
9. Line Post Cap	
10. Fence Tie Wire	
11. Hog Rings	
12. Walk Gate ☐36" ☐39" ☐42" ☐48"	
Drive Gate ☐10 ft. ☐12 ft.	
13. Terminal Post	
14. Tension Bar	
15. Fabric 50 ft. Rolls	
16. Top Rail	
17. Line Post	
Carriage Bolts	
Top Rail Sleeve	
Walk Gate Kit	
Drive Gate Kit	

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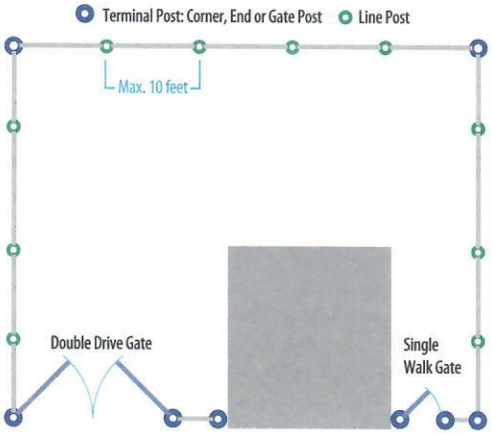
A Tradition of Fencing Solutions

1 Plan, Layout & Mark

Locate your property's boundary lines.

Measure the **overall length** of your planned fence to determine how many feet of chain-link fabric and top rail will be required. Mark the location of each **terminal post** with a stake (corner, end & gateposts are called terminal posts). When determining the positions of gate posts remember that clearance for hinges, latches, etc., is included in the listed opening width of the gate. If you ordered a gate for a 36" opening the post spacing should be exactly 36", inside post face to inside post face.



2 Dig holes, set posts

First dig the terminal post holes approx. 8" in diameter and 18" - 30" deep. The exact diameter and depth will be determined by local conditions.

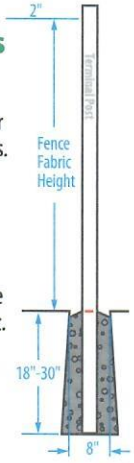
The height of terminal posts should be equal to the height of the fence fabric **plus 2 inches**.

Mark the exposed post height with chalk.

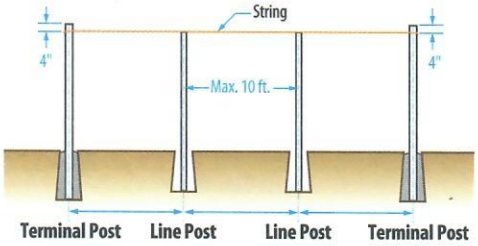
Center the terminal posts in the holes. Make sure the posts are plumb and set to the correct height.

Fill the hole with concrete, mounding the top to direct water away from the post.

When the terminal post concrete has hardened, stretch a string between two terminal posts. The string should be positioned on the outside of the posts, 4 inches below the top of the terminal posts.



The **line post height** should be the height of the fence fabric **minus 2 inches**.



Dig **line post holes** approximately 6" in diameter and 18" - 24" deep. The exact diameter and depth will be determined by local conditions.

Center the line posts in the holes. Make sure the posts are plumb and set to the correct height.

Fill the hole with concrete, mounding the top to direct water away from the post.

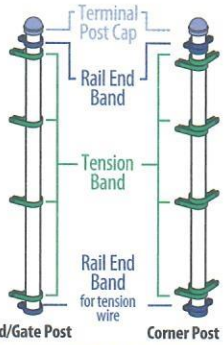
3 Bands, top rail & tension wire

After the concrete footings have hardened, slip the rail end bands and tension bands onto the **Terminal Posts**.

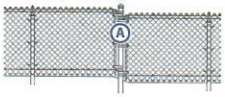
The long, flat surface of the **Tension Bands** should face toward the outside of the fence.

Take care not to spread or distort the bands.

Apply **Terminal Post Caps**. (Pressure fit)

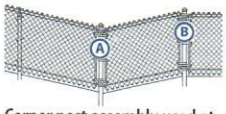


Terraced Ground



Corner post assembly used at point A to allow the chain link fabric to follow terraced ground.

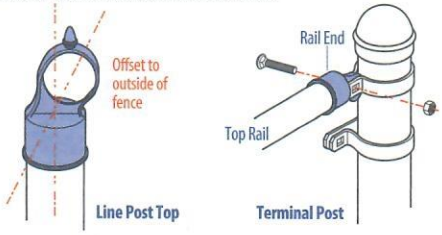
Very Uneven Ground



Corner post assembly used at point A ***and*** B when the ground rises or drops more than 15 inches in 100 feet.

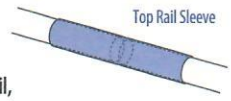
Top Rails

Place a **line post top** (eye top) on each line post. The offset should *lean* toward the outside of the fence



Insert a **Top Rail** through a **Line Post Top** closest to a terminal post. Slip **Rail End** onto the **Top Rail** and attach it to the **Terminal Post** using a **Rail End Band**; secure with a 5⁄16" x 1-¼" carriage bolt.

Continue adding **Top Rail** sections. If using *swedged* top rail insert the smaller end into the larger end; if using straight top rail, join sections with a **Top Rail Sleeve**.



When you reach the next terminal post, carefully measure and cut the top rail to length and secure the **Rail End/Rail End Band** to the **Terminal Post**.

Tension Wire (Optional)

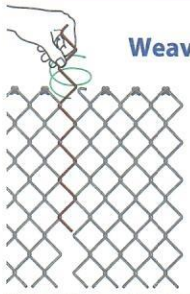
Wrap **Tension Wire** once around the bottom rail end band **Carriage Bolt**. Using pliers, twist several times to secure. Tension Wire should run along the outside of the posts, same as the fabric.

4 Hang fabric, stretch fabric

Roll out chain-link fabric on the ground outside of the fence line, between two terminal posts. Slide a **Tension Bar** through the first row of chain link diamonds.

Stand the fabric/tension bar up and fasten it to the first Terminal Post with evenly spaced **Tension Bands**. Use 5⁄16" x 1-¼" carriage bolts, with the heads to the outside of the fence.

Continue standing up the chain-link fabric as you move to the next **Terminal Post**, taking out the slack as you go. Loosely attach fabric to the top rail with a few **Fence Ties** to hold it in place.



Weave/Unweave Fabric

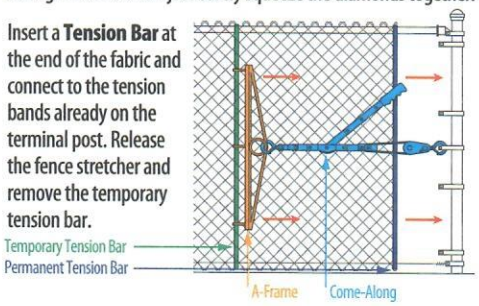
Remove excess fabric by opening the top and bottom loops (knuckles) of a single strand at the desired point of separation.

Unwind the strand up through the links until the fabric comes apart; reverse the process to 'weave' two sections together.

Stretching fabric

Temporarily insert a **Tension Bar** about 3 feet inside the unnattached end of the fabric. Hook the A-Frame end of the fence stretcher to the temporary tension bar and the other end to the terminal post. Stretch the fabric, but **do not over-stretch**. The desired tightness is achieved when you can put your fingers through the mesh and just barely squeeze the diamonds together.

Insert a **Tension Bar** at the end of the fabric and connect to the tension bands already on the terminal post. Release the fence stretcher and remove the temporary tension bar.



Fasten the fabric securely with **Fence Ties** spaced approximately 24" along the top rail and 12" on each line post. Finally, securely tighten nuts on all rail end bands and tension bands.

Apply **Tension Wire Clips** (Hog Rings), no more than 24" apart to secure the chain link fabric to the Bottom Tension Wire.

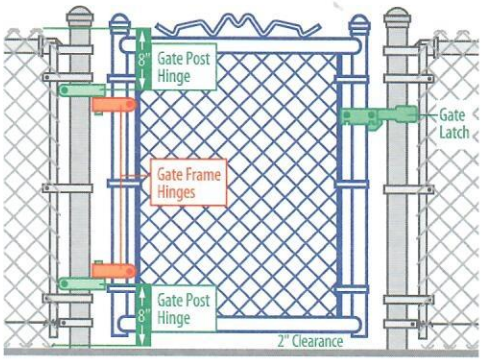
5 Hanging the gates

Installation procedures apply to both single and double gates.

Apply **Gate Post Hinges** to the gate post approximately 8" from the top and bottom of the gate post. The top hinge pin points down, the bottom hinge pin points up. Tighten all bolts securely.

Apply **Gate Frame Hinges** to the gate frame. Loosely fasten bolts so that the hinges can slide on the gate frame. Position gate(s) so that the bottom of the gate has approximately 2" of ground clearance. Tighten bolts on the bottom frame hinge first, then adjust and tighten the top bolts.

Postion **Gate Latch** at a convenient height. Tighten all bolts.



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