

Gate Installation:

Once the concrete has set around the gate posts, you may then install the gates. Proper installation will result in approximately a 1/2" space between the gate and each of the gate posts.

1. Before fastening the hinges, decide how the gate will be mounted and how it will open. If the gate will be hinged on the left and open towards you, mount the hinges so that the hinge springs are on top. The springs must also be on top if the gate will be hinged right and open away from you. If you want the gate to open the other way, then the hinge springs must be on the bottom.

2. Attach each hinge to the gate post using three of the self-drilling screws provided. The post mounting plate attaches to the post on the inside of the gate opening. Next, fasten the gate to each hinge using four more screws. Mount one hinge near the top rail of the gate and the other near the bottom rail to distribute the weight of the gate evenly. Make sure the hinges line up with each other to prevent them from binding. The gate should now swing freely.

Caution: *If the hinges are not in line with each other, the gate will not close by itself!*

3. Mount the latch according to its specific instructions.

Note: If you are hanging a gate on a surface other than a post, such as a column, then use the spacer that is provided with the hinge to fill in the 1/8" gap behind the post mounting plate. This is not required if the hinge is attached to a post. Fasten the hinge to the surface using the proper lag bolts (not provided). It may be necessary to enlarge the holes in the plates larger to accept these bolts.

4. With the hinges and latch now mounted, you may have to adjust the spring tension in the hinges to allow the gate to close and latch by itself. The hinge tension set at our factory allows most gates to work properly. To change the tension, use a wrench or pliers to hold the nut on the hinge rod while you remove the tension screw from the hinge. Move the nut about ¼ turn to increase or decrease the tension. (See Figures 3a & 3b for the correct direction to turn the nut.) Replace the tension screw into the pre-drilled hole in the center of the hinge. Repeat this procedure for the other hinge. Adjust the tension until the gate closes and latches correctly.

Caution: *There must be equal tension on both hinge springs for proper operation of the gate.*

5. For double drive gates, the drop rod is installed last. Fasten one of the two "guides" to the face of one side of the gate frame near the bottom of the latch side. Place the other guide about halfway up the gate side in line with the first one. Insert the drop rod through the two guides and adjust them for smooth operation. Finally, mount the small "hook" to hold the rod in the up position. Make sure the drop rod clears the ground when the gate opens.