

Swinging Gate Install Guide

Step 1: Measure the area where the gate will be installed.

- We recommend a minimum of 2" clearance from any object the posts may be up against (ie. House, shared neighbor fence, etc).
- Mark the location where the posts will be installed with white paint.
- Call **811** to have underground utilities located before you dig.

Step 2: Once the area has been cleared and there are not any obstructions you can dig the post holes.

- We recommend a minimum **24" x 24" x 36"** hole for each post (depth and size can increase depending on how solid the ground is).
- More concrete and larger hole size required for solo gates.
- Use crushed base rock at the bottom of the hole for extra help with drainage and support for posts.

Step 3: Find the absolute highest elevation in the gate's path.

- Use a tape measure and a level to determine where the highest elevation is in the path of the gate (open, closed and along the arch of the gate).
- Once the highest point along the path of the gate has been found, set the posts to that height and level across to the next post.
- **Post height from highest elevation point** (Provides a minimum of 2" clearance underneath the gate).
 - Top of post **61"** plus highest elevation point for **Arched Gates** (The posts might be higher than this depending on the elevation point).
 - Top of post **73"** plus highest elevation point for **Flat top Gates** (The posts might be higher than this depending on the elevation point).

Step 4: Screw in hinges once posts have been set.

- Setting time is a minimum of 2-4 hrs for fast-drying concrete and 1-3 days for standard concrete.
- With provided hinges, screw-in bottom hinge into the gate post (the hinge with only 1 nut).
- For recommended 4" hinge spacing, the center of the adjustable bolts should be **2 5/8"** from the post.
- For the top hinge, you need to remove the second nut.
- Slide the hinge bolt through the top hole of the post and then reach inside and tighten the second nut so that you acquire the **2 5/8"** spacing as specified above.

Step 5: Grease the hinges and insert the ball bearing.

- We recommend using standard car grease (roughly 2 pumps if using a grease gun, or a generous amount if by hand).
- Using a screwdriver or your pinky, push in the ball bearing into the barrel of the hinge so that it stays lodged at the top (we recommend wearing rubber gloves).

Step 6: Hang and adjust the gate.

- We recommend using 2 or more people for hanging the gate.
- Carefully lift the gate and position it so that barrels of the gate are directly over the top the **3/4"** adjustable bolts you inserted into the posts (Step 3).
- Lower the gate so that the barrels slide over the adjustable hinge bolts (might only slide on slightly at first).
- Once the gate is resting on the adjustable hinge bolts, you can swing the gate carefully back and forth so that the gate is seated fully (there may be a **1/8"** gap between the welded washer on the adjustable hinge bolts and the bottom of the barrel).
- If the gate is not aligned, loosen the top bolt of the hinges and lift the gates in the center so that they match and are level (you can use a 2" wedge underneath the gate).