

Size-to-Fit Driveway Gate Instructions

Required Tools: Shovel, four 50lb bags of quick setting cement, level, adjustable wrench, drill, Phillips drill bit, Protective eyewear, wire cutter, mallet and a tape measure. Two people are needed for the gate assembly and installation.

We have found that using a foundation cone is ideal support for the gate posts.

Step 1- Dig a hole 24” deep by 12” (minimum) in diameter where one pole is to be set. Mix two bags of cement. Set one of the 2 ½” posts in the hole and pour the cement around it. Make sure the post is in the center of the hole and level. Support the post with temporary supports until the concrete has completely set. After the post has set remove the temporary supports. Back fill the hole with crushed gravel and compact the back fill.

Step 2- Repeat Step 1 for the post to be set on the other side of the driveway.

Step 3- Measure the distance between the inside edges of both posts.

Step 4- You will need a 10’ to 15’ flat surface to assemble your gate. Lay out the parts as show in the diagram.

Step 5- Slide your 2 (A) tubes into the 2 (C) tubes. Drill pilot holes (3/16”) ensuring that you drill through both sections of pipe. Drive 2 self drilling-tapping screws (L) through the (C) tube where it and tube (A) overlies. This will connect the two tubes.
(If you feel really confident you can dispense with the pilot hole.)

Step 6- Subtract 6 ½” from your measurement from “Step 3”. Cut the joined tube pieces from the last step to this length if necessary.

Step 7- Slide one of the (A) tube into the (D) tube. Drill pilot holes (3/16”) ensuring that you drill through both sections of pipe. Using 2 self drilling- tapping screws, attach the two tubes as you did in “Step 5”.

Step 8- Subtract 8 ½” from your measurement from “Step 3”. Cut the joined tube pieces from the last step to this length.

Step 9- Measure both (B) tubes and mark them at mid point (40”). Push the corners (E) onto the (B) tubes. Push the pieces joined in “Step 6” (A&C) into the open ends of the corners, making a rectangle. The corner piece with the attached cable goes to the top corner hinge side.

Step 10- Set the section of tube joined in “Step 7” inside of the rectangle and line it up with the marks made in “Step 9” (40”). Secure the tube in place with the *End Rail Clamps (F)*.

Step 11- Measure the length between the top left corner and the bottom right corner. Measure the length between the bottom left corner and the top right corner. Shift the gate until these measurements are equal. Drill pilot holes (3/16”) at the dimples of the corner pieces through the corner pieces and the pipe. Secure each corner with two self drilling self tapping screws.

Step 12- Install turnbuckle into the bottom corner through the hole in the corner piece (**E**) Install *Cable Clamp (G)* into the corner opposite of the corner with the turnbuckle attached.

Step 13- Push the loose end of the cable through the *Cable Clamp (G)*, pull about 12” through the cable clamp and back through the clamp to make a loop. Unscrew the *Turnbuckle (H)*, making it longer, and hook it on the looped end of the cable. Hook the other end of the turnbuckle to the elbow in the opposite diagonal corner of the gate. Remove the slack by pulling the loose end of the cable and tighten it with the two nuts on the cable clamp. Now turn the turnbuckle to tighten the wire. This system will allow you to adjust the gate square. Tighten or loosen as needed.

Step 14- Attach the *Female Hinges (I)* to tube (**B**) on the side of the gate where the cable is attached to the top corner. Each female hinge should be about 4” from the corners and one near the middle. Attach one 4” from the top corner and 4” up from the bottom corner. *See diagram.*

Step 15- After the gate post concrete is set, slide the *Male Hinges (J)* onto the pole. Two hinges should face up and the top should face down. While one person holds the gate vertically next to the post, slide the male hinges to fit into the female hinges and tighten the male hinge bolts.

Step 16- Mount the *Latches (K)* to the other (**B**) tube of the gate 18” below and 12” above the center support bar. Hold the post where it should be set when the latches are down and mark the post. Use the turnbuckle as needed to square the gate.

**If you are installing a gate opener, it will be necessary to remove the gate latch.*

Step 17- Once the gate frame is hung on the support posts, continue rolling the fence over the gate, attaching the fence to the gate posts in the same manner as a regular post. Use the small zip ties included with the gate kit to attach the fence directly to the gate frame. Trim the excess fence from around the gate frame.

SIZE-TO-FIT DRIVEWAY GATE LAYOUT

