

# Access Gate Instructions

Tools needed: battery powered driver with Phillips bit attachment, US wrenches/socket set, small hammer and pair of snips to cut through excess tension cable and ties

## Gate Hardware Kit Contents:

QTY	ITEM DESCRIPTION	PART
1	Small bundle of 10" 120lb strength self locking fence ties (attach fence to gate)	1
4	1 3/8 black steel gate corners	2
1	16ft black PVC coated braided steel cable (hinge side top to latch side bottom)	3
2	Sets of access gate hinges (male 1 5/8 support, female 1 3/8 gate)	4
2	1 5/8 band to 1 3/8 end cap assemblies for "L" or "L2" depending on gate height	5
1	Printed instructions (not pictured)	6
2	Latch assemblies for access gate	7
1	Bag: 18 self tapping screws, 1 turnbuckle, 2 caps for posts + 2 black wire clamps	8

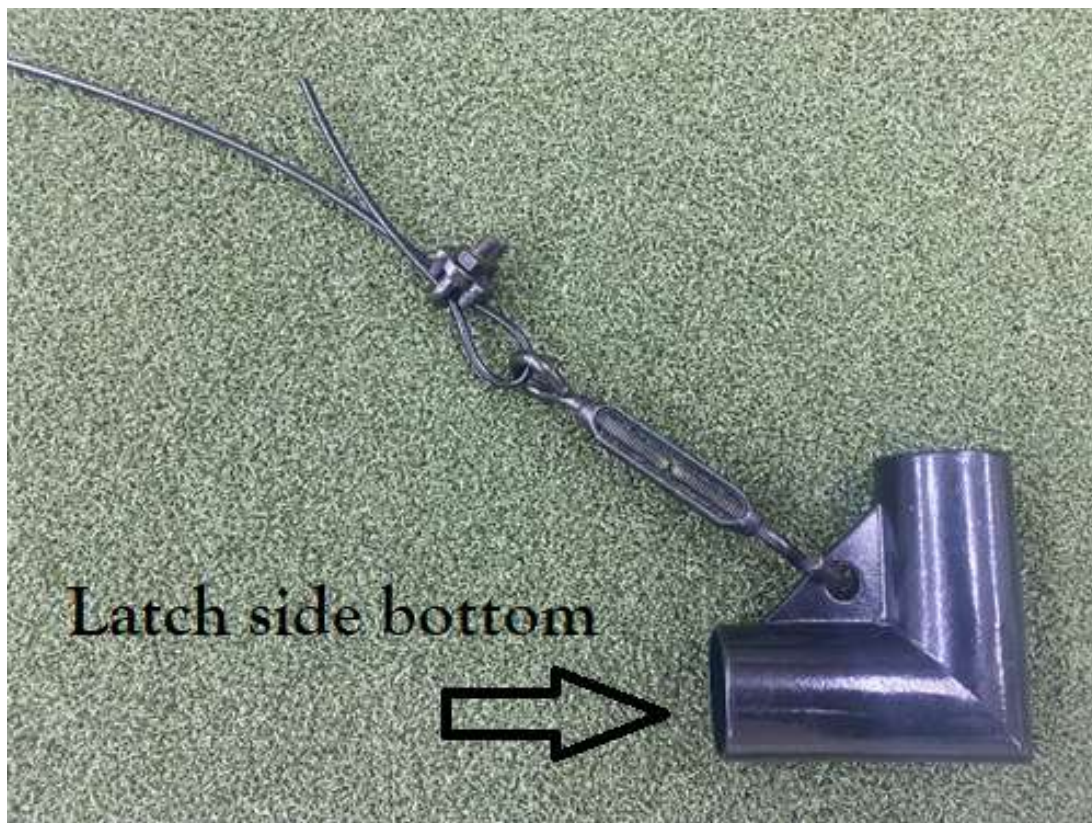


Note: Gate schematics are size specific and are included separately as an attachment

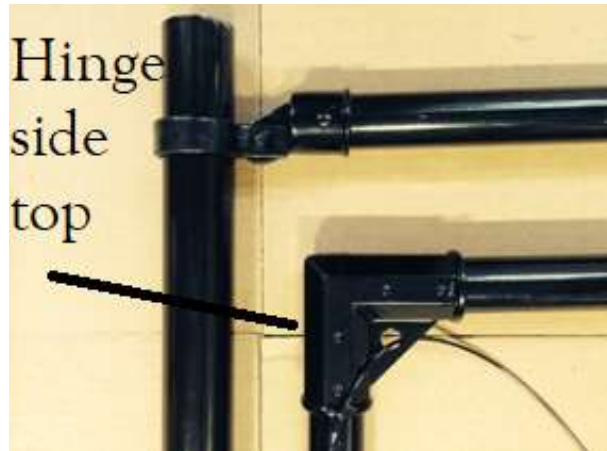
- 1) Unpack gate tubing bundle and gate hardware kit on a clean level surface.
- 2) Lay out materials and dry fit the tubing material you received into the various fittings according to your gate schematic. You won't need parts "M" and "L or L2" (if applicable) right now. Also, save the larger

sized male 1 5/8 hinge from part #4 to use later on “M”. Slide the female hinges and fork latches over each part “A” before putting on the corners, part #2.

- 3) Next, screw together all four corners with 4 self tapping screws in each corner. Be sure to tap in each corner with a small hammer before fastening, making sure the tubing material is seated all the way in each corner. The self tapping screws go through the holes in each corner into the steel tubing below with light pressure. Hold the spinning screw in place until it drills itself through. Some customers prefer to pilot a small hole with a drill bit, which will work well too.
- 4) Next, attach part #4 (female hinge side) to the gate frame and tighten fully about 12” from the bottom and top of the gate
- 5) Attach both part #7 fork latches to the gate frame spaced 12” apart centered on the other part “A” that the hinges aren’t on. Be sure to tighten both nuts on either side in sequence so the fork is able to move up and down freely
- 6) The final step in the gate assembly is to attach the adjustable tension cable. There is one cable per gate, hinge side top to latch side bottom. The tension cable assembly has three parts: 1 black coated steel cable, 2 black coated wire clamps and 1 black coated turnbuckle . A) Put the turnbuckle hook end into the latch side bottom corner hole of part 2 B) run the cable through the wire clamp into turnbuckle eye end and back into the wire clamp and tighten. The turnbuckle should be open fully before tightening. The turnbuckle is used to adjust tension on the cable once you hang the access gate. Latch side bottom to hinge side top corner assembly photo:



Connect the cable through the other corner in the same way, only without a turnbuckle (cable through clamp, then through corner and back into clamp then tighten)

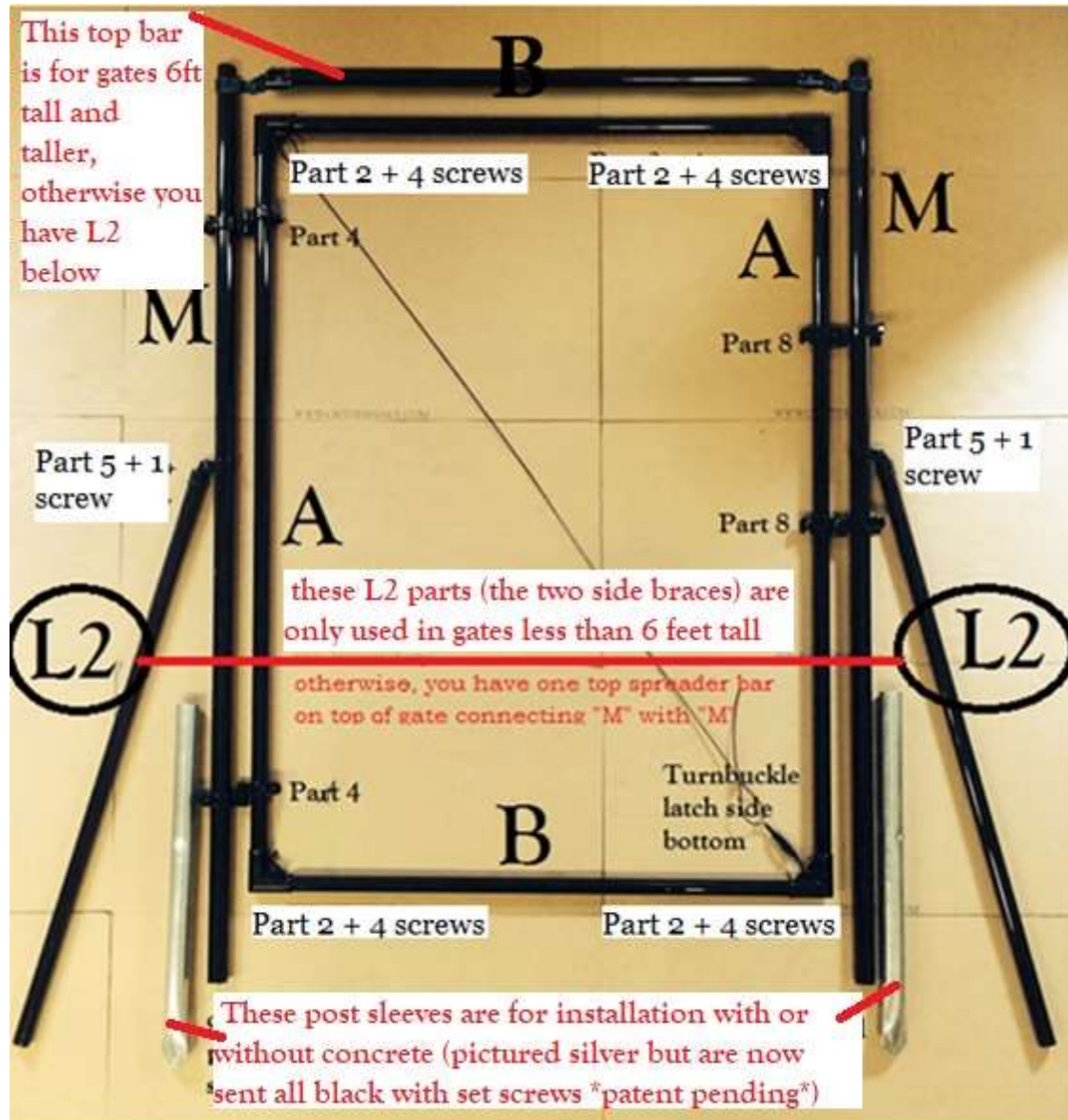


## Gate Frame Instructions

- 1) Assemble part "L" by attaching #5 to each end using self tapping screws. The pieces should be aligned the same on either side as pictured above. Screw through the pre drilled holes part #5 into the steel tubing. If you have to adjust the tube later you can slide the steel tube in or out for slight adjustment. This assembled piece makes up the top spreader pole which gives structure to the hinge side post and the latch side post. NOTE: in short access gates, in place of part "L" you have two part "L2" which are side braces. These braces support the hinge side post and latch side post in place of a top spreader pole, as pictured in your schematic.
- 2) Gather your last two parts, part "M" and male hinges part #4 and the assembled spreader bar needed to make up the gate frame. Gate frames can be either installed in concrete or in ground sleeves. Note: when installing in ground sleeves, be sure to space out each sleeve appropriately or the gate will not fit properly in the frame. For ground sleeve/gate installation we suggest using a digging bar to pilot the hole for each sleeve first.
- 3) Install hinge side post first. Loosely attach the male hinges to post and tighten temporarily to be adjusted later. Either A) dig a hole, fill with one bag of concrete mix and set post in concrete and let the concrete cure or B) drive a ground sleeve in to the ground for your post. Screw locking set screw or sleeve spike (between post and sleeve) into sleeve to prevent the post from spinning around and to lock it in. If using concrete, make sure the proper amount of post is left above ground to hang your gate and the top spreader bar, measure with assembled gate if necessary.
- 4) Once the hinge side post is set in concrete or installed into a ground sleeve and leveled, it's time to measure for the latch side post. The easiest and most accurate way to do this is to use the mounted access gate with extended out fork latches to gauge where the other latch side post will go. This is important because if you are off an inch the gate will not latch properly. Prop up the bottom of the latch side gate with a brick or piece of wood so it doesn't bend the post. Once measured, install the latch side post.
- 5) Hang the top bar between both part "M" (if applicable). The top bar is measured for a gate frame that has been installed with the proper spacing. If for some reason the top bar pulls the posts in or pushes them outward, there is some adjustment that can be done. To push farther apart, unscrew the self

tapping screws and move the end pieces farther apart, then screw back in. You can gain a few inches maximum this way. If the top bar needs to come closer together, the 1 3/8 tube will need to be cut with a reciprocating saw, pipe cutter or hacksaw and re-attached.

- 6) Attach the braces (if applicable – gates 5 1/2ft or less). Braces get installed by sliding the bands over the posts and digging the other end into the ground on an angle. As the gate posts get pulled, the brace in the ground lends support. See photo below for brace examples on short gate:



- 7) Test swing and latch of installed gate. If the bottom latch side of the gate is too close to the ground, it can be adjusted upwards by tightening the turnbuckle
- 8) Attach fence material to gate (not provided). The easiest and most effective way (without space around gate) to install fencing on the gate is to unroll fencing across the entire gate, including the gate frame and attach fully with fence ties, part #1. Use fence ties every 4" or so to connect the fence material to the access gate and the gate frame. Once fully attached, use snips to cut the fence material around the gate so it can open and close. You can also stake a piece of fence under the gate to prevent animals from digging down under the gate for entry.