

Calvin Access Controls, Inc.

7585 Taway Rd., Radnor, Ohio 43066 / Ph: 740-494-4200 / Columbus: 614-451-GATE / info@calvininc.com

DO IT YOURSELF KIT [DIY] Single Swing Gate

The following items should be included in your kit.
(Please check upon receipt)

- 1 ea. Gate w/brackets and hinges welded on
- 1 ea. Post w/ brackets welded on and hinges
- 1 ea. Plastic Post Cap
- 1 ea. Apollo 1500 Controller with radio receiver
- 1 ea. Apollo gate arm with mounting bolts
- 2 ea. Safety signs to be installed on gate
- 1 ea. Wireless Keypad
- 2 ea. Transmitters
- 1 ea. Battery Charger
- 1 ea. Instruction Manual

- 1 ea. Solar Panel (optional)
[Replaces Battery Charger]

- 1 ea. Battery, sealed 32 ah (optional)

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DIY(Single) - INSTALLATION INSTRUCTIONS

Please follow the instructions carefully. Failure to correctly place your post will result in your gate not aligning properly.

1. Determine position of hinge post, gate will be 6" shorter than opening. Allow 4" spacing between gate and post, and 2" from end gate. [See diagram]
2. Dig hole for post. This should be a minimum of 18" in diameter and a little more than 4 ft deep [so the bottom of the post does NOT hit the bottom of the hole].
3. Set post in hole and brace with tabs, top tabs can also be used for lifting the post into the hole.
4. Angles that straddle hole should be perpendicular to drive [use string] and at grade [makes bottom of gate 6" above grade].
5. Brace with tabs at top of post.
6. Fill hole with Ready-Mix concrete. [ODOT class C with air, 3" slump]. Pouring concrete could move post during pouring concrete.
7. Assure that the post is plumb and at the correct elevation.
8. Allow concrete to set at least 72 hours.
9. Remove braces and break off tabs with big crescent wrench.
10. Remove bottom elevation angles with big crescent wrench.
11. Hang gate on hinges, remove plug from hinge on gate and assure ball bearing is there, adding a little grease will help hold it in.
12. Using adjustable hinges, line gate up so that it is level. There should be 4" between gate and post and 2" at the other end of the gate [gate is 6" shorter than opening].
13. Tighten adjustable hinge bolts.
14. GREASE hinge (must be done periodically based upon usage).
15. Place plastic post cap on post.
16. Attach controller box to angles on side of post with ¼" SS bolts.
17. Using enclosed Apollo instruction manual, attach operator arm and wire as required.

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