

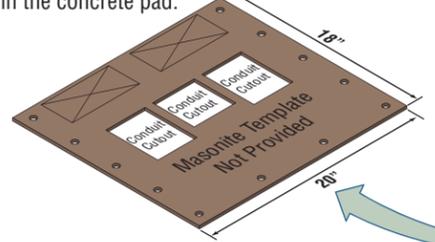
QUICKSTART "BASIC" GUIDELINES FOR MODEL 9200 "FULL OPEN": MOUNTED DIRECTLY ON A CONCRETE PAD



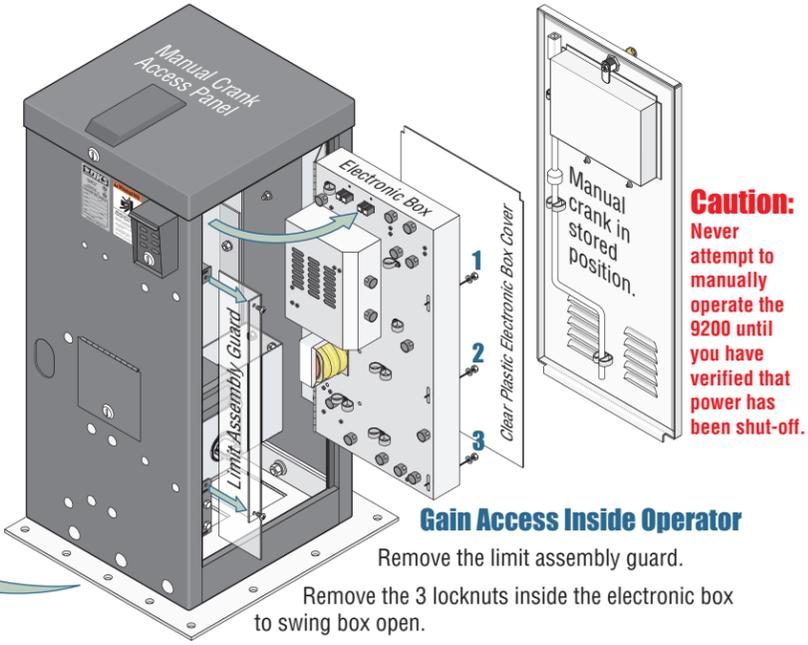
120 S. Glasgow Avenue
Inglewood, California 90301
U.S.A.

All 9200 Models: DoorKing highly recommends using the pedestal mounting stand for gates heavier than 2000 lbs. for a more secure attachment to a larger and heavier concrete pad.

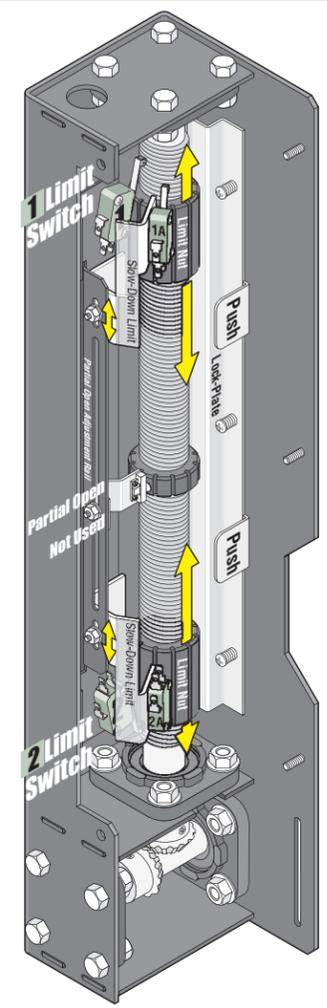
Tip: Trace the base plate of the operator on a piece of masonite (Not provided) and make a template to help locate where the conduit runs will be positioned in the concrete pad.



- Conduit suggestions:
- High voltage conduit
 - Low voltage access control device conduit
 - Reverse loop conduit
 - Automatic exit loop conduit



Limit Switches



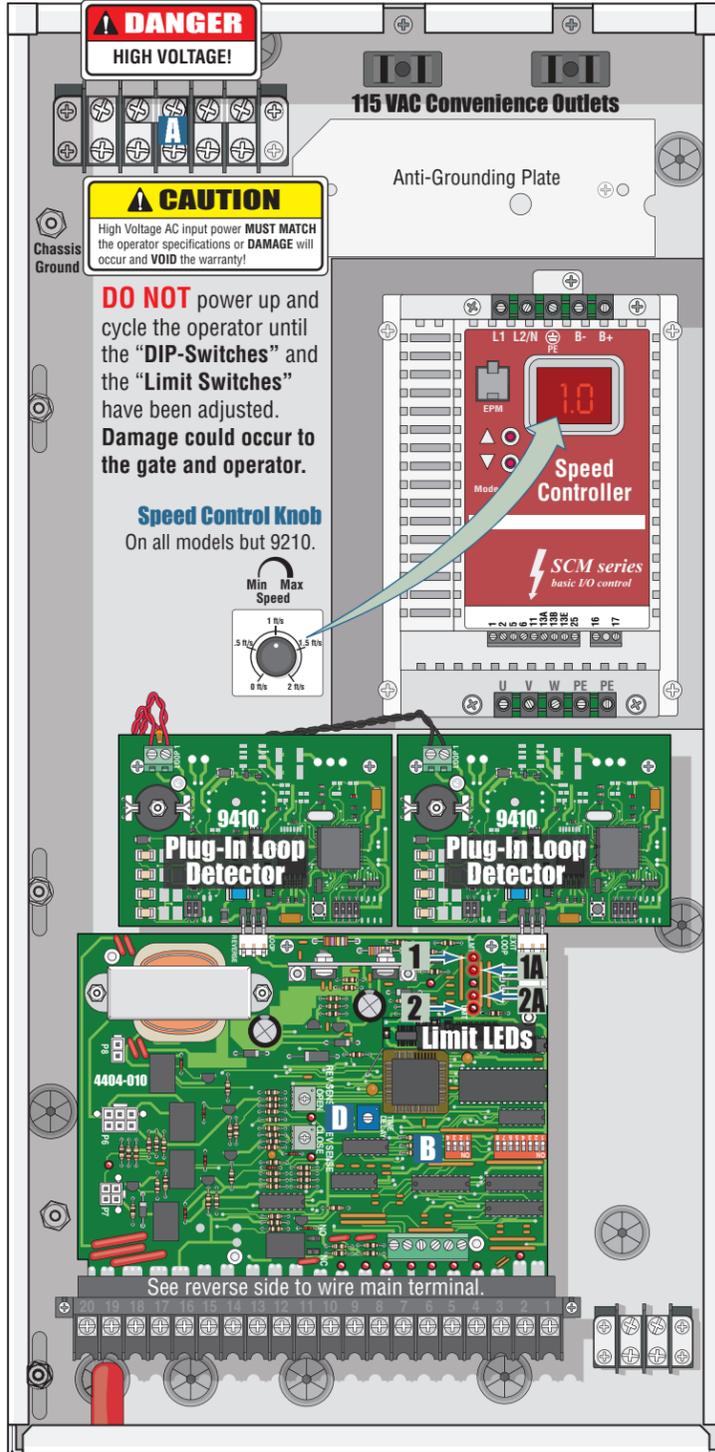
Two 115 VAC Convenience Outlets

Power safety and opening devices that require 115 VAC power.

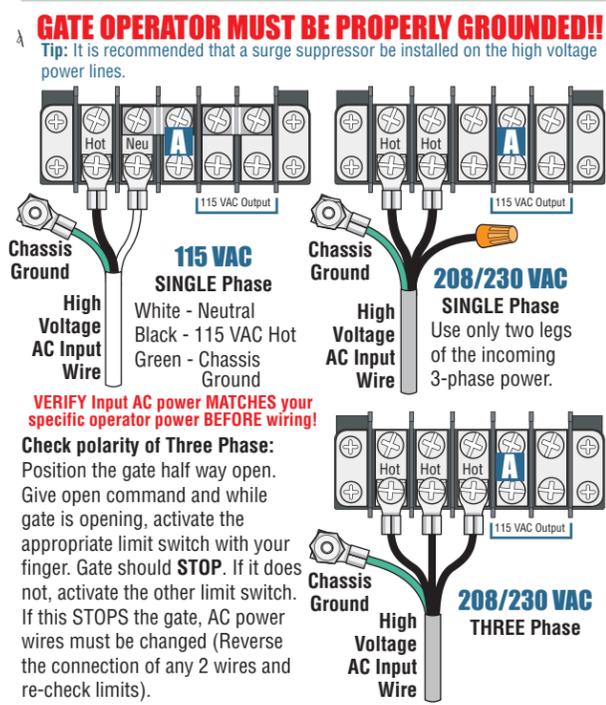
All potential entrapment areas MUST be protected with an external entrapment protection device. At least ONE external entrapment protection device MUST be installed or the operator will NOT function.

This vehicular gate operator is designed for Class III and Class IV applications only and must never be used in applications serving the general public.

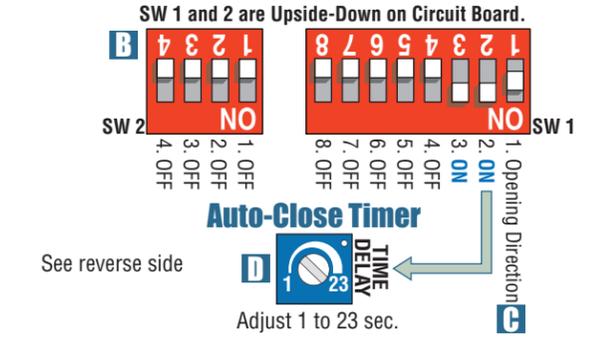
For safety and installation instructions, please refer to the Installation/Owner's manual.



High Voltage Connection



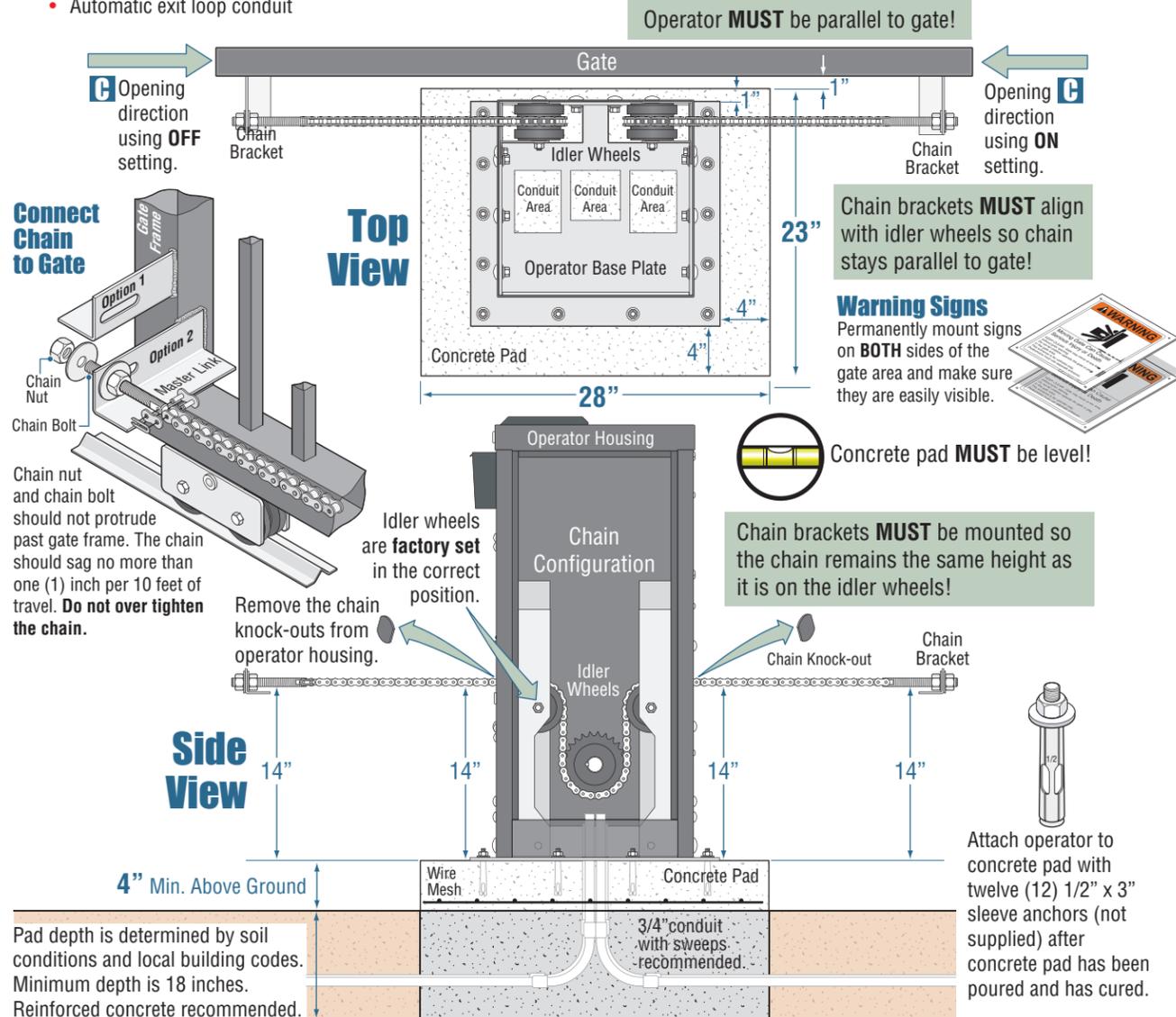
DIP-Switches



Plug-In Loop Detectors

Not included - Refer to the Installation/Owner's manual AND Loop Information Manual (available from www.dkaccess.com) for more information on loops and plug-in loop detectors.

Important Note: DoorKing highly recommends that loops and loop detectors are installed with this slide gate operator. A loop detection system will prevent the gate from automatically opening or closing on a vehicle when it is in the gate's path.



With power OFF, push and hold the lock plate down where shown to adjust the Open and Close limit nuts. After adjusting the limit-nuts, be sure that the lock-plate is engaged in the slots on the limit-nuts to prevent them from rotating.

The slow-down limits on all models but the 9210 will move up or down 3/4 inch. **DO NOT** remove the slow-down limit assembly from the 3/4 inch slot and re-attach it in the longer slot on the partial open adjustment rail to gain further adjustment. **This will cause mechanical damage to the switch assembly when the operator is activated.**

Turn power ON and activate the gate operator. Re-adjust the limit nuts as necessary for full-open and full-close gate travel. After you are satisfied with the gate limit settings, the speed control knob can then be adjusted on all models but the 9210 to personal preference.

QUICKSTART "BASIC" GUIDELINES FOR MODEL 9200 - DIP-SWITCH AND WIRING REFERENCE



120 S. Glasgow Avenue
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This vehicular gate operator is designed for Class III and Class IV applications only and must never be used in applications serving the general public.

For safety and installation instructions, please refer to the Installation/Owner's manual.

Important: Controls intended for user activation must be located at least six (6) feet away from any moving part of the gate and where the user is prevented from reaching over, under, around or through the gate to operate the controls. Emergency access controls only accessible by authorized personnel (e.g., fire, police, EMS) may be placed at any location in the line-of-sight of the gate.

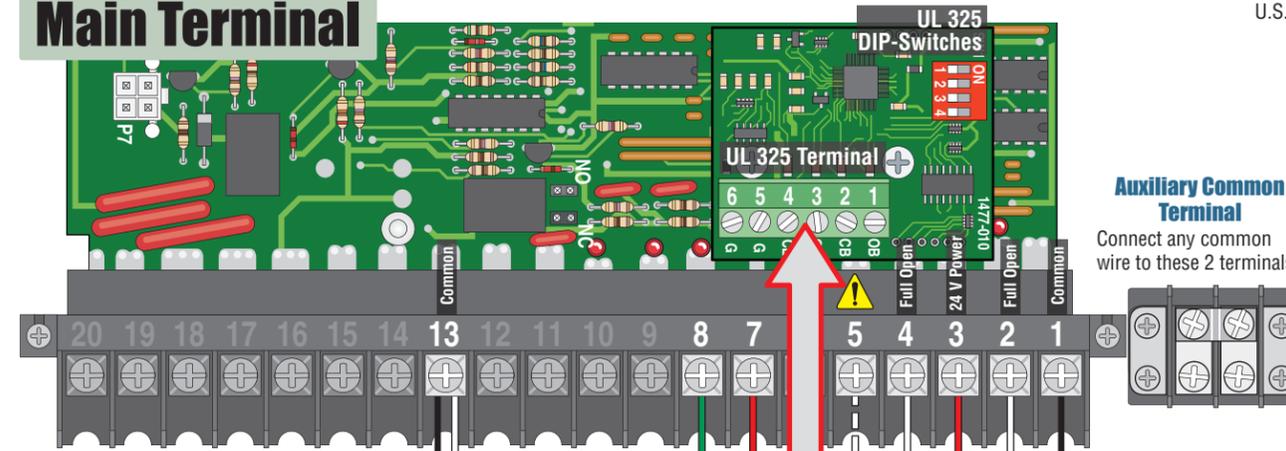
SW 1 DIP-Switches (Right Hand Side)

SW 1 - Right 8 Switches			
Switch	Function	Setting	Description
1	Changes the direction the operator will open/close the gate.		<p>Opening direction using OFF setting. Opening direction using ON setting. Factory Set Configuration</p>
2	Auto-Close Timer	OFF ON	Auto-close timer is OFF. Manual input required to close gate. Auto-close timer is ON. Adjustable from 1-23 seconds to close gate.
3	Exit Loop Port Output	Jumper Wire Needed See Manual OFF	The output wired to terminal #4 becomes the output from the loop detector installed in the EXIT loop port. Plug-in loop detector required for "OFF" function.
	Full Open Input	ON	Normal Setting. Terminal #4 is a normal full open input for a single gate operator.
4 and 5	Relay Activation and LED Indicator Light Activation	4-OFF 5-OFF 4-OFF 5-ON 4-ON 5-OFF 4-ON 5-ON	Relay activates and LED is ON when the gate is fully open. Relay activates and LED is ON when the gate is not closed. Relay activates and LED is ON when the gate is opening and open. Relay activates and LED is ON when the gate is opening and closing.
6	Warn Before Operate	OFF ON	Normal Setting. No sound. Internal alarm will sound before gate starts and throughout gate's cycle.
7	Reverses Gate	OFF	Normal Setting. Input to terminal #6 and/or reverse loops will REVERSE gate during CLOSE cycle.
	Stops Gate	ON	Input to terminal #6 and/or reverse loops will STOP gate during CLOSE cycle.
8	Quick-Close Timer Override	OFF ON	Normal Setting. Timer will function normally. Opening gate will stop and begin to close as soon as all reversing inputs (Reverse loops, photo sensors) are cleared regardless of the distance the gate has opened.



SW 1
Upside-Down on Circuit Board.

Main Terminal

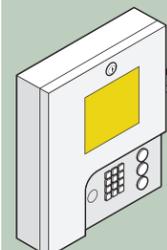


Auxiliary Common Terminal
Connect any common wire to these 2 terminals.

Note: All stand-alone and telephone entry devices must use a separate power source.



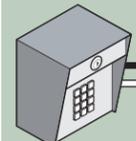
SW 1, Switch 3 MUST be ON except for dual operators or exit loop partial open applications.



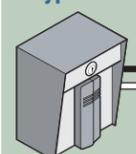
Telephone Entry



Key Switch



Stand-Alone Keypad

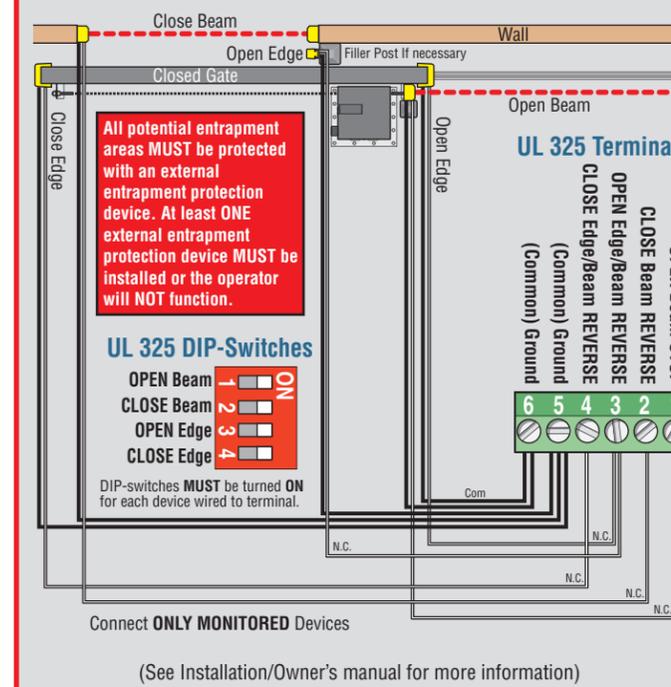


Stand-Alone Card Reader

External Entrapment Protection Devices

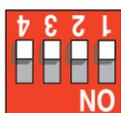
IMPORTANT: Only 1 monitored Device can be connected to each input. An **OPTIONAL** Expansion Kit (sold separately) will allow connection for additional devices.

IMPORTANT: Photo sensors must use **Normally Closed (NC)** contacts with the beam set for light operate (relay activated when beam is not obstructed).



SW 2 DIP-Switches (Left Hand Side)

SW 2 - Left 4 Switches			
Switch	Function	Setting	Description
1	Self-Test	OFF ON	Normal Setting. Normal gate operation. Self-test mode. Operator MUST be disconnected from gate to run self-test.
2	Gate Opens Uphill	OFF ON	Normal Setting. Normal gate operation. MUST be ON if gate opens UPHILL.
3	Gate Opens Downhill	OFF ON	Normal Setting. Normal gate operation. MUST be ON if gate opens DOWNHILL.
4	Spare	OFF	Leave in the OFF position.



SW 2
Upside-Down on Circuit Board.

#5 Terminal Note: Any opening device connected to terminal #5 will open the gate to the partial open setting. External entrapment protection devices will also open the gate to the partial open setting. If the **Inherent Reverse Sensor** gets activated during the close cycle, it will always **fully** open the gate.