

# QUICKSTART "BASIC" GUIDELINES FOR MODEL 9000 - FRONT INSTALLATION MOUNTED ON A CONCRETE PAD "FULL OPEN"



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

## Adjustment of Limit Switches

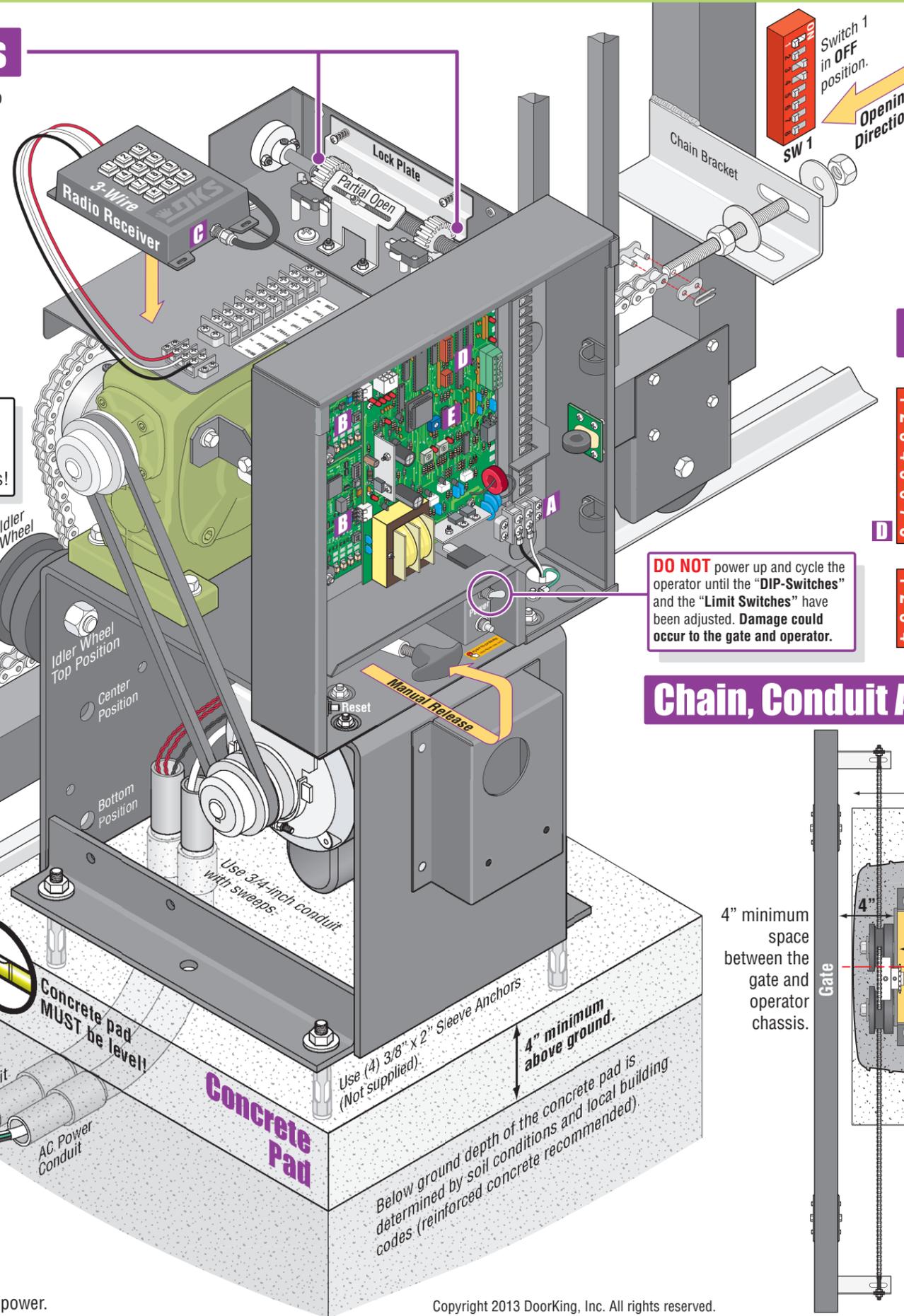
Adjust the 2 limit nuts by depressing the lock plate and spin nuts to desired open and closed gate positions. After adjusting, make sure the lock-plate is engaged in the slots on the limit-nuts to prevent them from rotating.

**Note: Partial Open Feature** is optional and not used for a fully opening gate, see manual for more information.

## Chain Adjustment

Adjust the chain nuts to tighten the chain. The chain should sag no more than one (1) inch per 10 feet of chain travel. **Do not over tighten the chain.**

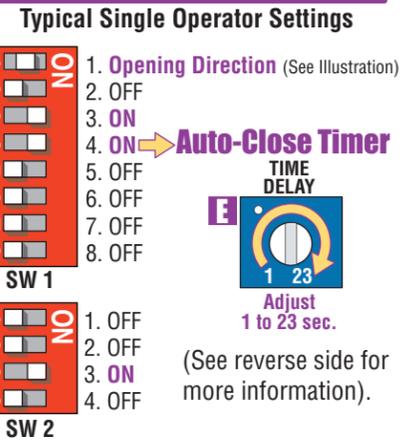
Chain brackets **MUST** be mounted so the chain remains the same height as it is on the idler wheels!



**Model 9000 is intended for installation only on sliding gates used for vehicles.**

Pedestrians must be supplied with a separate access opening. For complete safety, installation and adjustment of operator instructions, please refer to the Series 9000 Installation/Owner's manual.

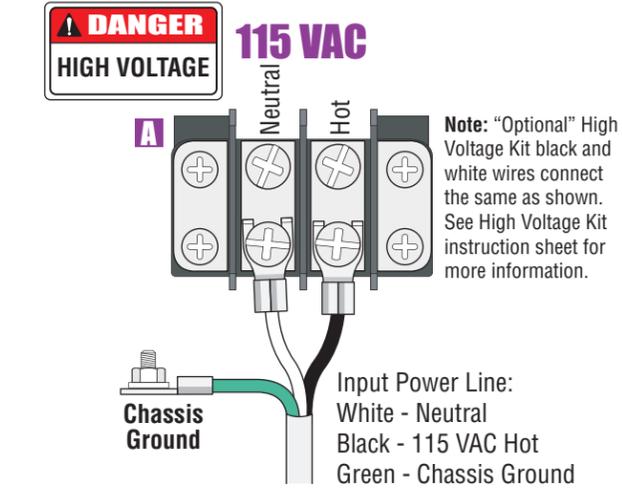
## DIP-Switches



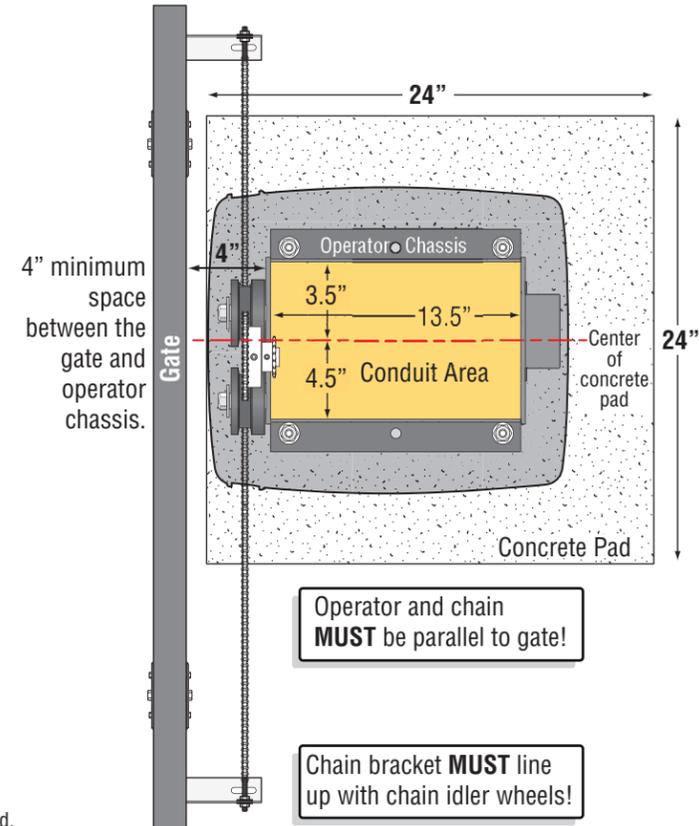
## High Voltage Connection

**GATE OPERATOR MUST BE PROPERLY GROUNDED!!**

Tip: It is recommended that a surge suppressor be installed on the input high voltage power line.



## Chain, Conduit Area and Concrete



## Loop Detectors

**B** Not included - Refer to the Installation/Owner's manual for more information about DoorKing's Plug-In loop detectors. DoorKing **highly** recommends that loops and loop detectors are installed with this slide gate operator. DoorKing offers a free "Loop and Loop-Detectors Information Manual" PDF located at DoorKing's web site for more information. [www.dkaccess.com](http://www.dkaccess.com)

## Radio Receiver

**C** Not included - Refer to a specific Radio Receiver Manual (available from [www.dkaccess.com](http://www.dkaccess.com)) for more information on radio receivers and antenna installation. (See reverse side for wiring)

**Two 115 VAC Convenience Outlets**  
For access control and safety device AC power.

# QUICKSTART "BASIC" GUIDELINES FOR MODEL 9000 - DIP-SWITCH AND WIRING REFERENCE



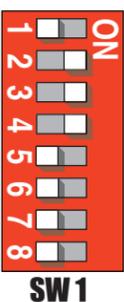
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Inglewood, California 90301  
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Pedestrians must be supplied with a separate access opening.

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

## SW 1 DIP-Switches

Switch	Function	Setting	Description
1	Primary Operator Opening Direction	Opening direction using <b>ON</b> setting.	Changes direction operator will cycle open upon initial AC power up and open command.
		Opening direction using <b>OFF</b> setting.	
2	Secondary Operator Opening Direction	Opening direction using <b>ON</b> setting.	Changes direction operator will cycle open upon initial AC power up and open command.
		Opening direction using <b>OFF</b> setting.	
3	Exit Loop Port Output	OFF	The output wired to terminal #4 becomes the output from the exit loop detector plugged into the EXIT Loop port.
	Full Open Input	ON	<b>Normal Setting.</b> Terminal #4 is a normal full open input.
4	Auto-Close Timer	OFF	Auto-close timer is OFF. Manual input required to close gate.
		ON	<b>Normal Setting.</b> Auto-close timer is ON. Adjustable from 1-23 seconds.
5	Reverses Gate	OFF	<b>Normal Setting.</b> Input to terminal #6 and reverse loop will <b>reverse</b> gate during close cycle.
	Stops Gate	ON	Input to terminal #6 and/or reverse loop will <b>stop</b> gate during close cycle – gate will continue to close after input to terminal #6 and/or reverse loop are cleared (Helps prevent tailgating).
6	Single Operator	OFF	<b>Normal Setting.</b> Switch must be OFF for single operator.
	Dual Operators	ON	Switch must be ON when primary/secondary (dual) gates are used.
7 and 8	Relay	7-OFF 8-OFF	<b>Normal Setting.</b> Relay activates when gate is at open limit.
		7-OFF 8-ON	Relay activates when gate is not closed.
		7-ON 8-OFF	Relay activates when gate is opening and open.
		7-ON 8-ON	Relay activates during opening and closing cycle.



**Note:** After a DIP-switch setting is changed, power must be turned OFF and then turned back on for the new setting to take affect.

## SW 2 DIP-Switches

Switch	Function	Setting	Description
1	Quick-Close Timer Override	OFF	<b>Normal Setting.</b> Timer will function normally.
		ON	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.
2	Magnetic lock	OFF	<b>Normal Setting.</b> Magnetic lock is not used.
		ON	Magnetic lock is used and connected to terminals 9 and 12.
3		ON	<b>Normal Setting.</b> Switch 3 <b>MUST</b> be turned ON for Model 9000 operator.
4		OFF	<b>Normal Setting.</b> Switch 4 <b>MUST</b> be turned OFF for Model 9000 operator.



**Important:** Controls must be far enough from the gate so that the user is prevented from coming in contact with the gate while operating the controls. Outdoor or easily accessible controls should have a security feature to prevent unauthorized use.

