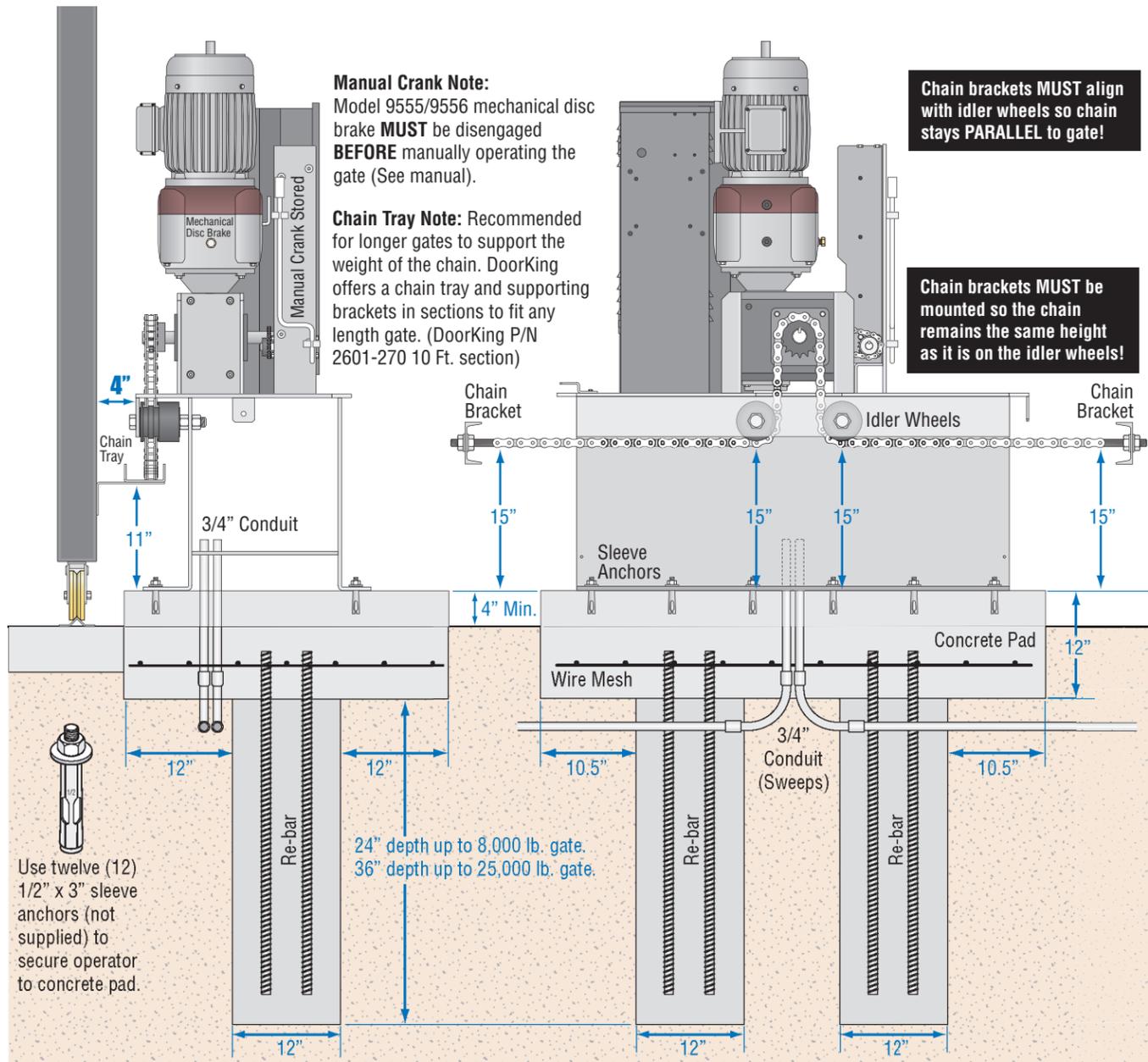
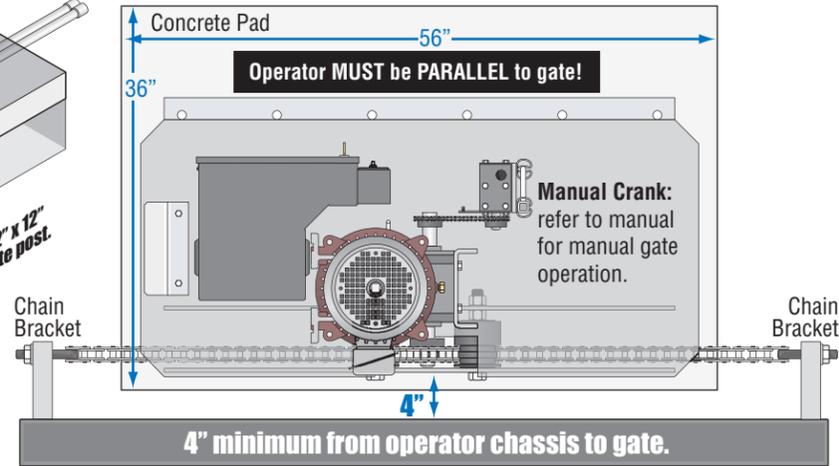
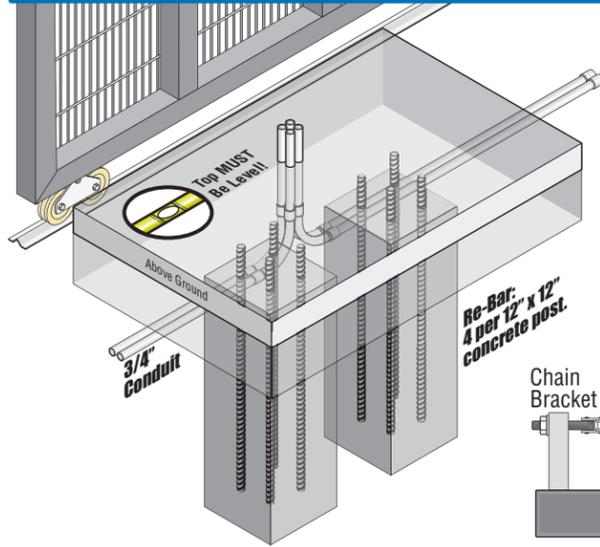
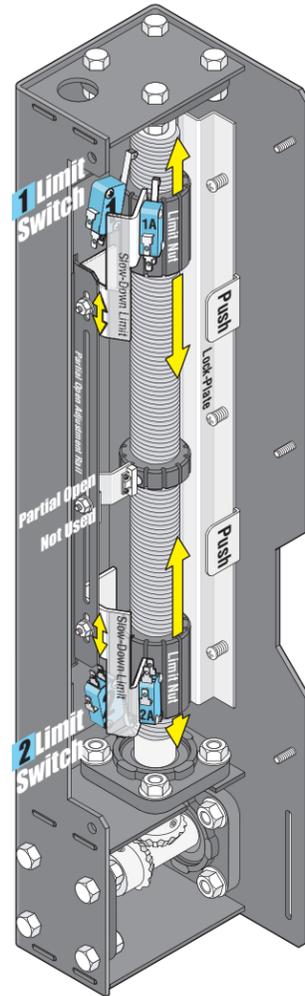


QUICKSTART "BASIC" GUIDELINES FOR MODEL 9500 "FULL OPEN"



Limit Switches



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 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 to personal preference.

Two 115 VAC Convenience Outlets

Power safety and opening devices that require 115 VAC power.

Entrapment Protection must be provided for the gate system where the risk of entrapment or obstruction exists. The operator will NOT run without one or more monitored type B1 or B2 external entrapment protection devices in EACH direction of gate travel (minimum of 2 external devices required).

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.

Speed Control

DANGER HIGH VOLTAGE!

115 VAC Convenience Outlets

Anti-Grounding Plate

Chassis Ground

CAUTION High Voltage AC input power MUST MATCH the operator specifications or DAMAGE will occur and VOID the warranty!

DO NOT power up and cycle the operator until the "DIP-Switches" and the "Limit Switches" have been adjusted. Damage could occur to the gate and operator.

Speed Control Knob

Min Max Speed

Speed Controller

SCM series basic I/O control

Plug-In Loop Detector

Plug-In Loop Detector

Limit LEDs

See reverse side to wire terminals.

UL 325 August 2018 Standard

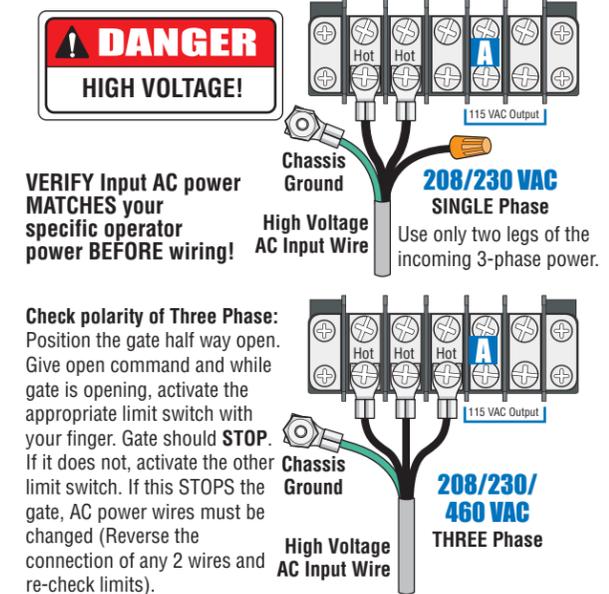
DKS DOOR KING

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

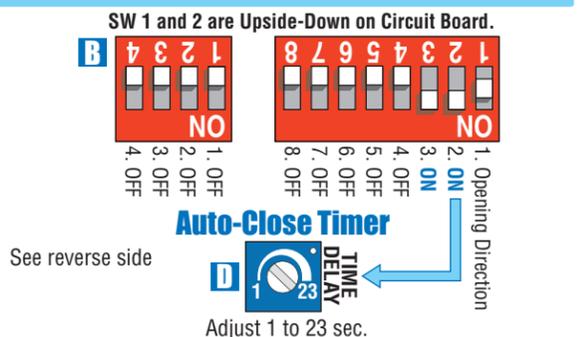
High Voltage Connection

GATE OPERATOR MUST BE PROPERLY GROUNDED!!

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



DIP-Switches



Plug-In Loop Detectors

Not included - Refer to the Installation/Owner's manual AND Loop Information Manual (available from www.doorking.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.

QUICKSTART "BASIC" GUIDELINES FOR MODEL 9500 - DIP-SWITCH AND WIRING REFERENCE

UL 325 August
2018 Standard



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

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)

Switch	Function	Setting	Description
1	Changes the direction the operator will open/close the gate.		
2	Auto-Close Timer	OFF	Auto-close timer is OFF. Manual input required to close gate.
		ON	Auto-close timer is ON. Adjustable from 1-23 seconds to close gate.
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. Used for dual operator application.
	Full Open Input	ON	Normal Setting. Terminal #4 is a normal full open input.
4 and 5	Relay Activation and LED Indicator Light Activation	4-OFF 5-OFF	Relay activates and LED is ON when the gate is fully open.
		4-OFF 5-ON	Relay activates and LED is ON when the gate is not closed.
		4-ON 5-OFF	Relay activates and LED is ON when the gate is opening and open.
		4-ON 5-ON	Relay activates and LED is ON when the gate is opening and closing.
6	Warn Before Operate	OFF	Internal alarm will NOT sound.
		ON	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	Normal Setting. 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.

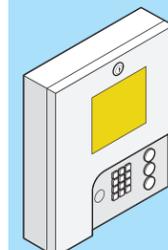


SW 1
Upside-Down on Circuit Board.

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



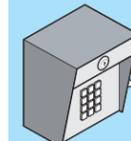
SW 1, Switch 3 **MUST** be ON except for dual operators or exit loop partial open applications.



Telephone Entry



Key Switch



Stand-Alone Keypad



Stand-Alone Card Reader

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.

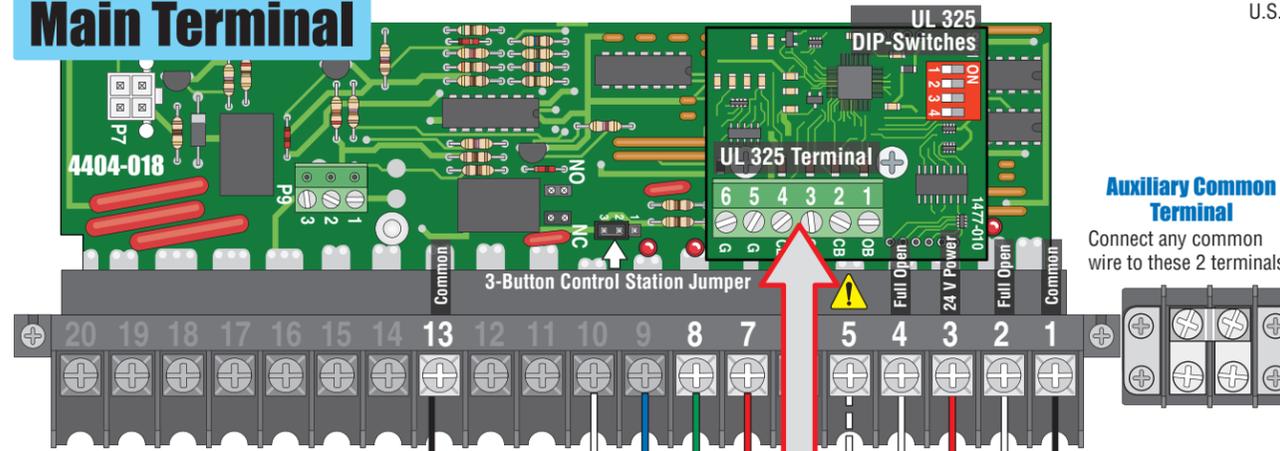
SW 2 DIP-Switches (Left Hand Side)

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



SW 2
Upside-Down on Circuit Board.

Main Terminal



3-Button Control Station Jumper
Jumper Pins 1 & 2 **ONLY** when using a 4-wire control station to enable stop terminal #9.

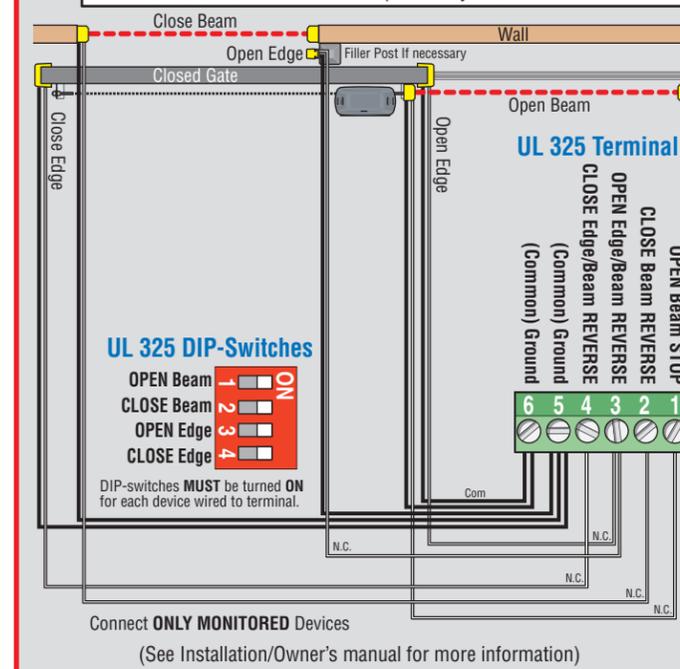


3-Button Control Station

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). Some manufacturer's photo sensor contacts are labeled as **Normally Open (NO)** but their relay functions the same way as described above. See specific manufacturer's wiring manual for more information about their specific relay function.



Connect **ONLY MONITORED** Devices
(See Installation/Owner's manual for more information)

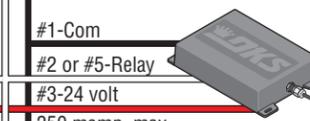
#5 Terminal Note: Any opening device connected to terminal #5 will open the gate to the partial open setting. External entrapment protection devices will also open the gate to the partial open setting. If the **Inherent Reverse Sensor** gets activated during the close cycle, it will always **fully**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

Entrapment Protection must be provided for the gate system where the risk of entrapment or obstruction exists. The operator will **NOT** run without one or more monitored type B1 or B2 external entrapment protection devices in **EACH** direction of gate travel (minimum of 2 external devices required).

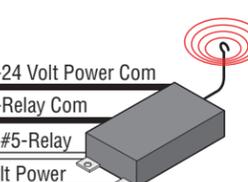
Auxiliary Common Terminal

Connect any common wire to these 2 terminals.

Safety Opening Device



3-Wire Radio Receiver



4-Wire Radio Receiver