

QUICKSTART "BASIC" GUIDELINES FOR MODEL 9050 - FRONT INSTALLATION MOUNTED ON A CONCRETE PAD

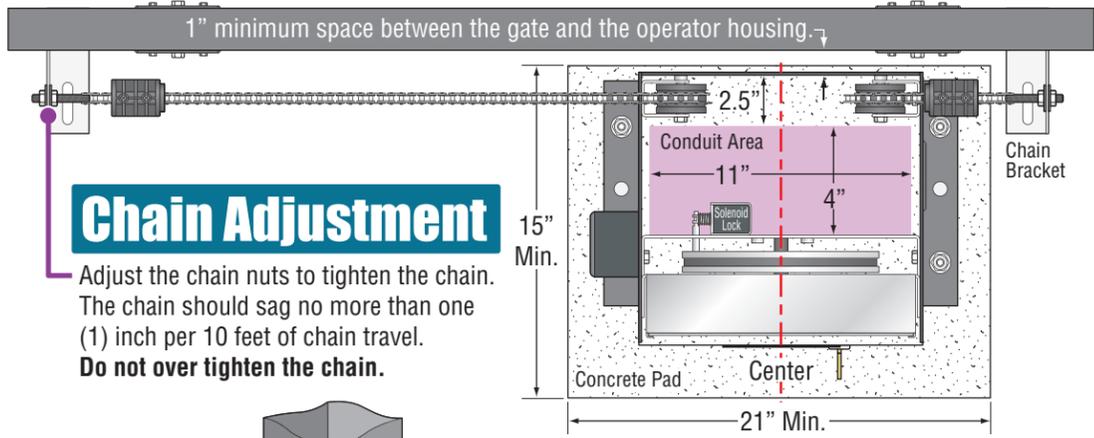
Model 9050 is intended for installation only on sliding gates used for vehicles.

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

- Operator and Chain **MUST** be parallel to gate!
- Chain bracket **MUST** align with idler wheels!

Physical Stops MUST be Used to Stop Gate

DO NOT power up and cycle the operator without "Physical Stops" installed to stop the gate in the open and close positions (Chain stops are included with the operator but other physical stops can be used). **Damage could occur to the gate and operator.** Chain stop's rubber bumpers face toward operator. They will make contact with the operator housing during the initial automatic open/close limits setting sequence.



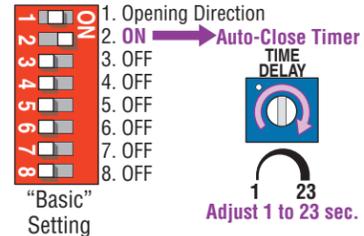
Chain Adjustment

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.**

Concrete Pad and Conduit Area

DIP-Switches

Switch 1 - Must OPEN the gate upon initial AC power up and open command. If the open command begins to close the gate, turn AC power off and reverse this switch. (See reverse side)



Automatic Limits

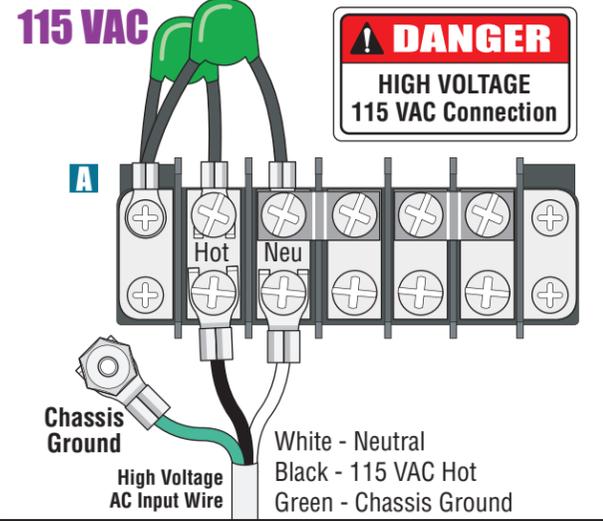
The operator's open/close limits **DO NOT** have to be physically adjusted. **Every time the operator is powered up, the first open command will automatically run "2 open/close gate cycles" that will locate and remember the gate's open and close limit positions.** These limit positions are determined by where the physical stops have been installed. It does not matter what position the gate is in before running this sequence. The gate will function normally after this automatic sequence has finished.

Note: Auto-close timer should be on before running this sequence.

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.



Every time the 9050 is powered up, the First open command will automatically run "2 open/close gate cycles" that will locate and remember the gate's open and close limit positions. See "Automatic Open/Close Limit Adjustment" in Installation/Owner's manual for more information.

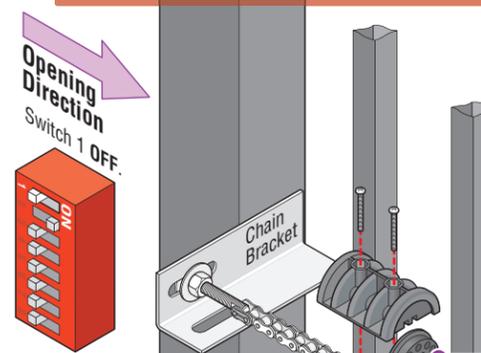
Plug-In Loop Detectors

B 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 preventing the gate from automatically opening or closing on a vehicle when it is in the gate's path.

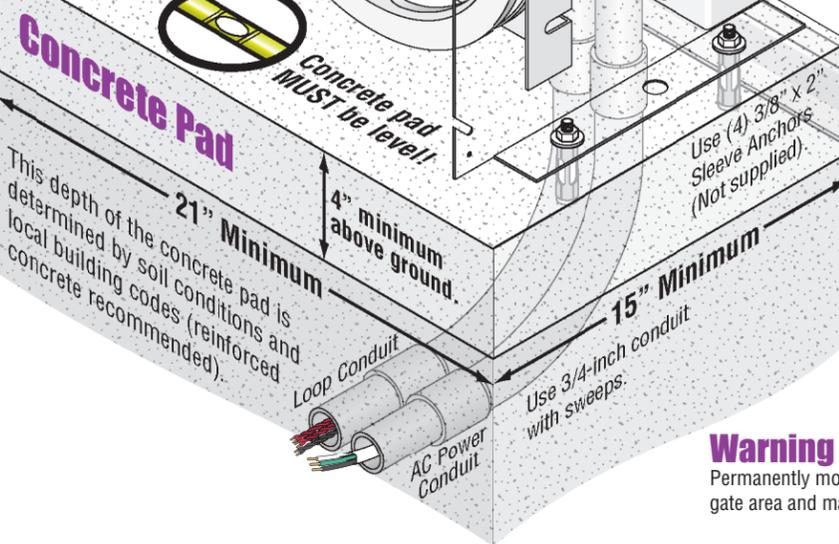
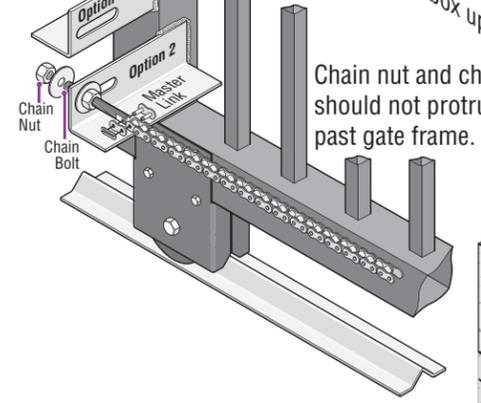
Radio Receiver

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

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.



Connect Chain Bracket and Chain to Gate



Warning Signs

Permanently mount signs on **BOTH** sides of the gate area and make sure they are easily visible.

QUICKSTART "BASIC" GUIDELINES FOR MODEL 9050 - DIP-SWITCH AND WIRING REFERENCE



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

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DIP-Switches

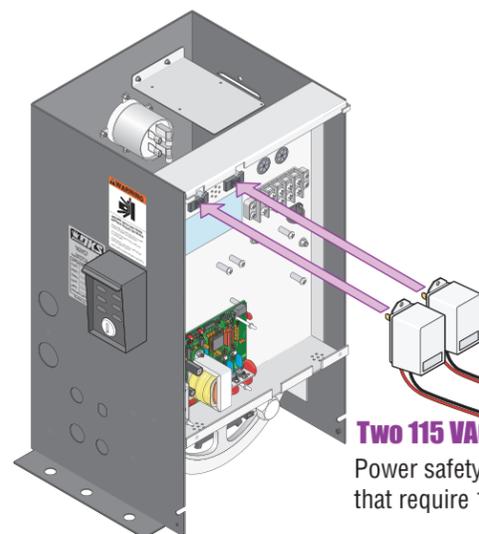
⚠ Every time the operator is powered up, the First open command will automatically run "Multiple gate cycles" that will locate and remember the gate's open and close positions.

| Switch | Function | Setting | Description |
|---------|--|--------------------------------------|--|
| 1 | Changes the direction the operator will open/close the gate depending on the different chain configurations. | Opening direction using OFF setting. | Opening direction using ON setting. |
| | | Opening direction using ON setting. | Opening direction using OFF setting. |
| | | Opens with ON setting. | Opens with OFF setting. |
| | | Opens with OFF setting. | Opens with ON setting. |
| 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 | Relay | OFF | Relay is activated when gate is full open. |
| | | ON | Relay is activated when gate is not closed. |
| 4 | Built-In Solenoid Lock | OFF | Normal Setting. Fail-Safe (Factory Set). Lock engages only when an attempt is made to manually force the gate open. |
| | | ON | Fail-Secure. Lock engages after each cycle. CAUTION: Do not use this setting unless the 2600-862 manual release kit has been installed or damage will occur to operator. |
| 5 and 6 | Gate Open Back-Off Position | 5-OFF 6-OFF | Normal Setting. Gate fully opens. |
| | | 5-OFF 6-ON | Gate stops short 1" from full open position. Used for a reversing edge device. |
| | | 5-ON 6-OFF | Gate stops short 2" from full open position. Used for a reversing edge device. |
| | | 5-ON 6-ON | Gate stops short 3" from full open position. Used for a reversing edge device. |
| 7 and 8 | Gate Close Back-Off Position | 7-OFF 8-OFF | Normal Setting. Gate fully closes. |
| | | 7-OFF 8-ON | Gate stops short 1" from full close position. Used for a reversing edge device. |
| | | 7-ON 8-OFF | Gate stops short 2" from full close position. Used for a reversing edge device. |
| | | 7-ON 8-ON | Gate stops short 3" from full close position. Used for a reversing edge device. |



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.

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



Two 115 VAC Convenience Outlets
Power safety and opening devices that require 115 VAC power.

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.

