

# QUICKSTART "BASIC" GUIDELINES FOR MODEL 9150 - FRONT INSTALLATION MOUNTED ON A CONCRETE PAD

**Model 9150 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.



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

## Physical Stops MUST be Used to Stop Gate

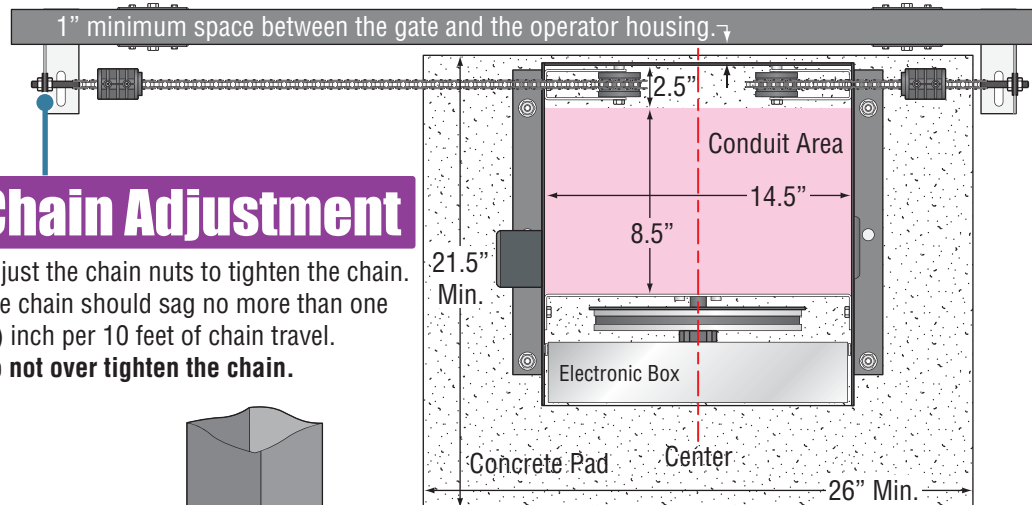
**DO NOT** power up and cycle the operator without "Physical Stops" installed to stop the gate in the open and close positions, (Chain stops are included with the operator but other physical stops can be used) **damage could occur to the gate and operator.**

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 **MUST** be parallel to gate!
- Chain bracket **MUST** line up with idler wheels!

## 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

## Circuit Board Settings

**SW 1, 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.

### "Basic" Setting of DIP-Switches

- |                          |        |
|--------------------------|--------|
| 1. ON                    | 1. ON  |
| 2. ON → Auto-Close Timer | 2. OFF |
| 3. OFF                   | 3. OFF |
| 4. OFF                   | 4. OFF |
| 5. OFF                   | 5. OFF |
| 6. OFF                   | 6. OFF |
| 7. OFF                   | 7. OFF |
| 8. OFF                   | 8. OFF |



### Key Switch

Cycles the operator when pressed.

**Note:** SW 2, switch 1 is turned on when plug-in exit loop detector is installed.

## Automatic Limits

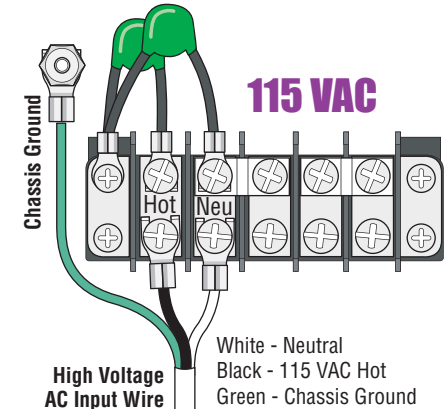
The 9150's open/close limits **DO NOT** have to be physically adjusted. **Every time the 9150 is powered up, the first open command will automatically run "2 open/close gate cycles" that will locate and remember the gate's open and close limit positions.** These limit positions are determined by where 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

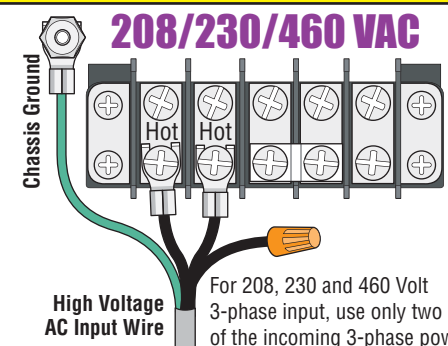
**GATE OPERATOR MUST BE PROPERLY GROUNDED!!**

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



White - Neutral  
Black - 115 VAC Hot  
Green - Chassis Ground

**Warning:** Every time the 9150 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.



For 208, 230 and 460 Volt 3-phase input, use only two legs of the incoming 3-phase power.

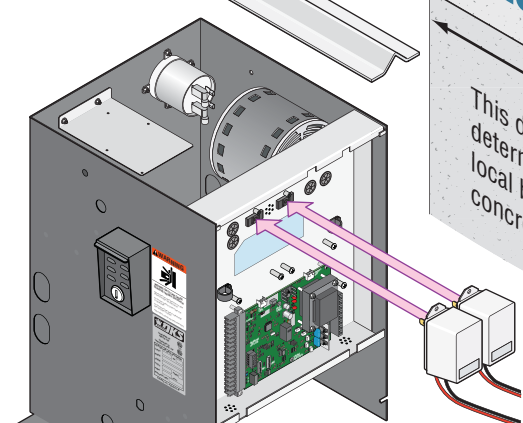
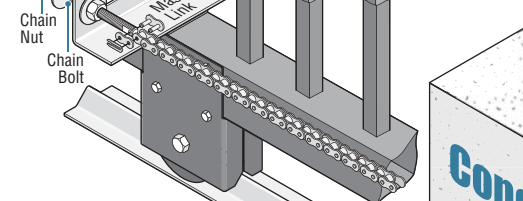
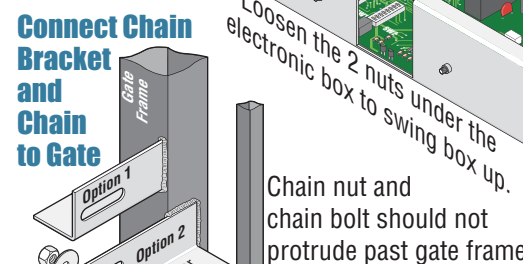
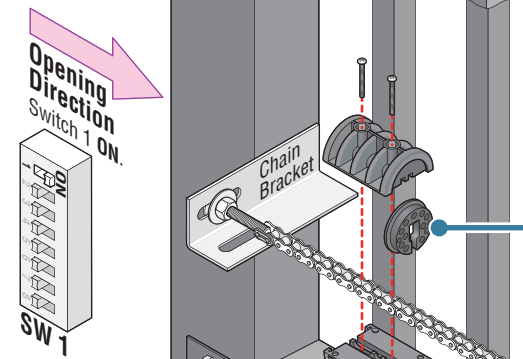
## Plug-In Loop Detectors

**B** Not included - Refer to the Installation/Owner's manual **AND** Loop Information Manual (available from [www.dkaccess.com](http://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.

## 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.



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

