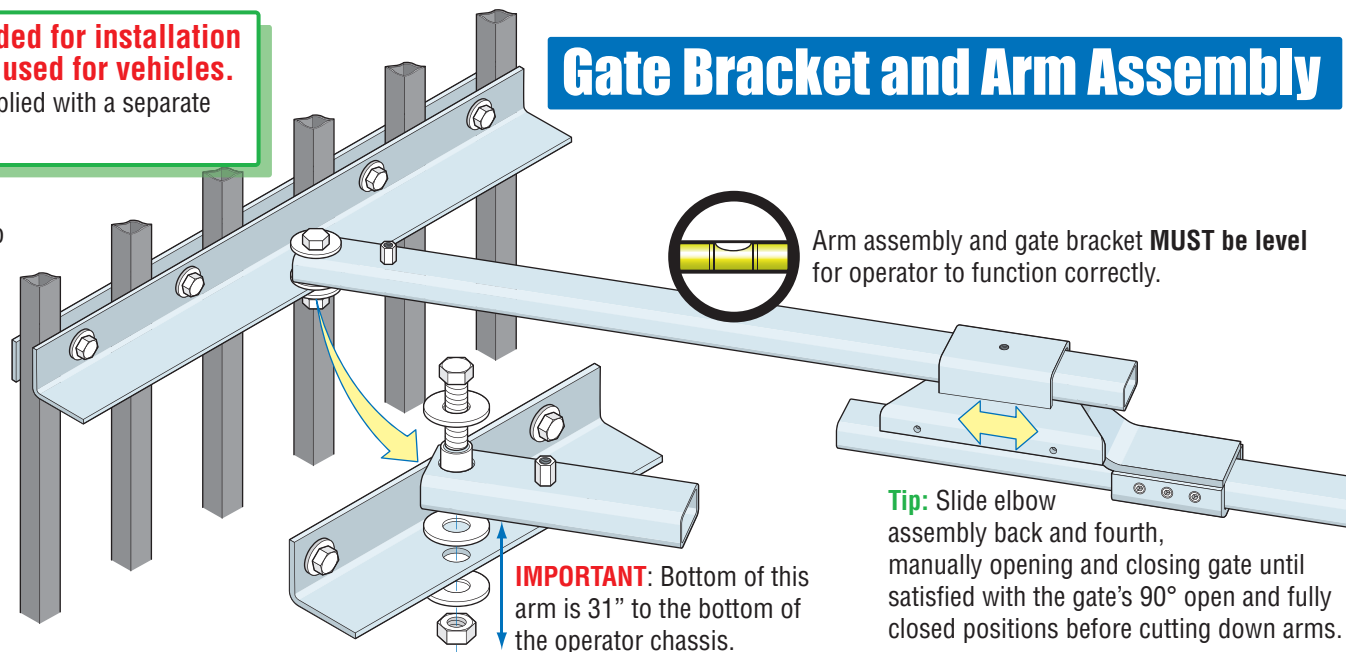


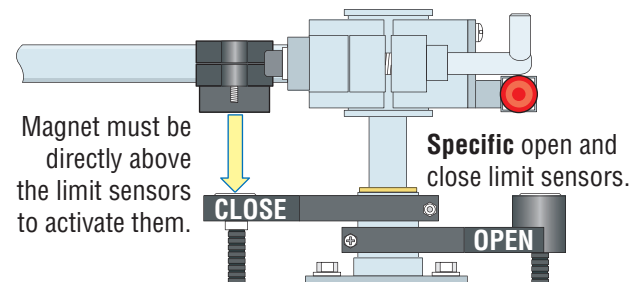
# QUICKSTART "BASIC" GUIDELINES FOR MODEL 6500 - FOR GATES UP TO 12 FEET AND OPENING 90°

**Model 6500 is intended for installation only on swing 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.



## Limit Sensors



## Manual Release Tool

**CAUTION**  
NEVER REMOVE HUB after manual release



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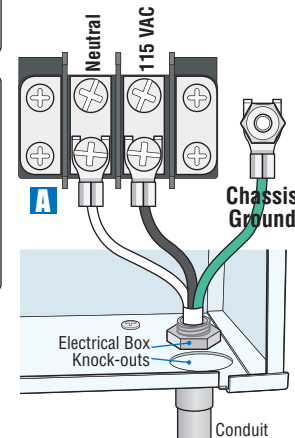
## AC Power Connection

**OPERATOR MUST BE PROPERLY GROUNDED!!**

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

**DANGER**  
HIGH VOLTAGE!

**115 VAC**

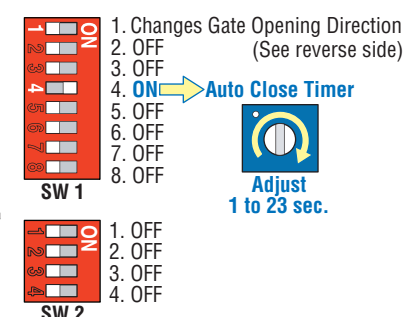


**Note:** "Optional" High Voltage Kit black and white wires connect the same as shown. See High Voltage Kit instruction sheet for more information.

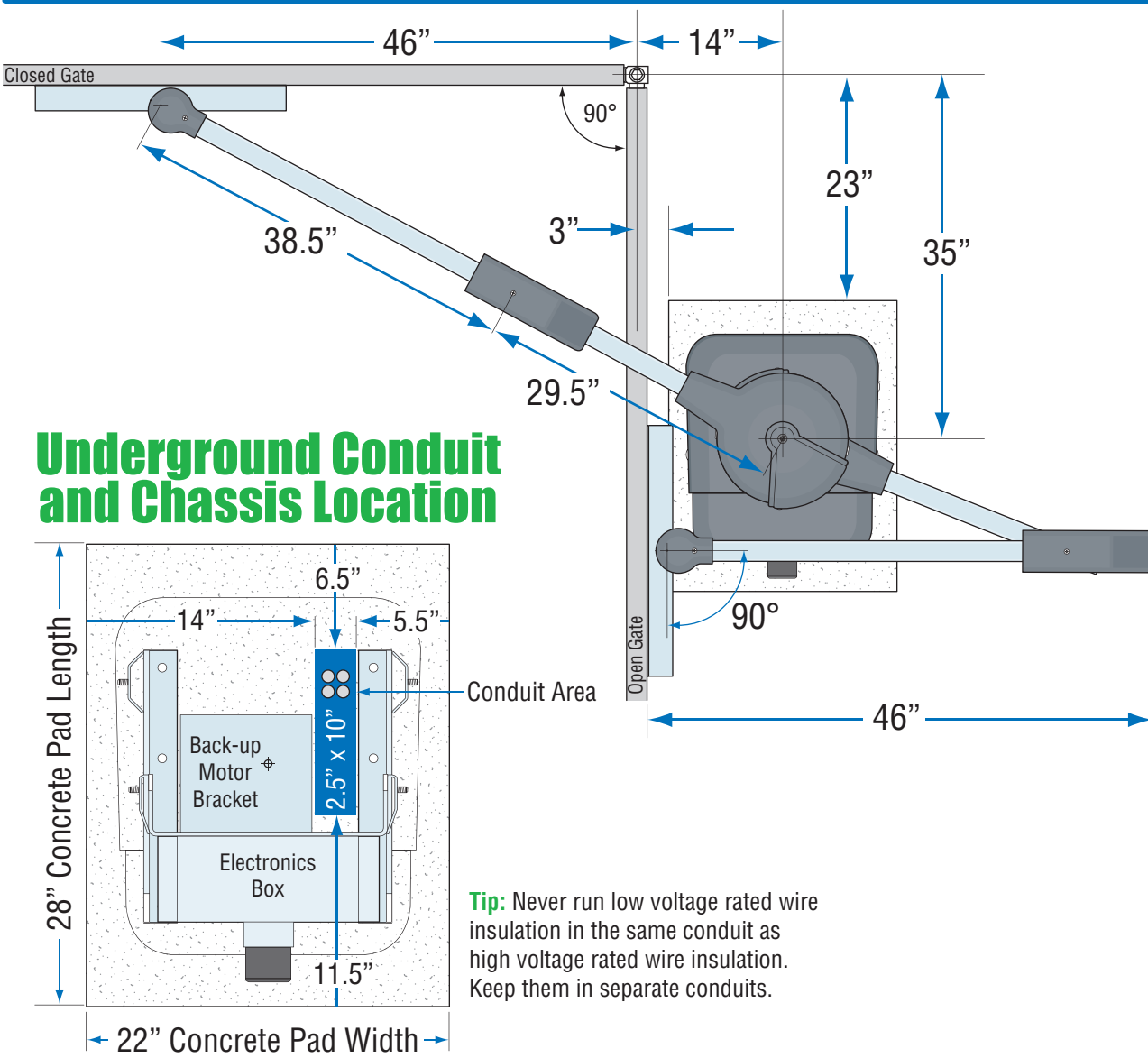
## CAUTION

Limit sensors **MUST** be in position **BEFORE** cycling operator the first time.

## DIP-Switches



## Size and Location of Concrete Pad, Operator and Underground Conduit



## Concrete Pad

Concrete pad **MUST** be level.

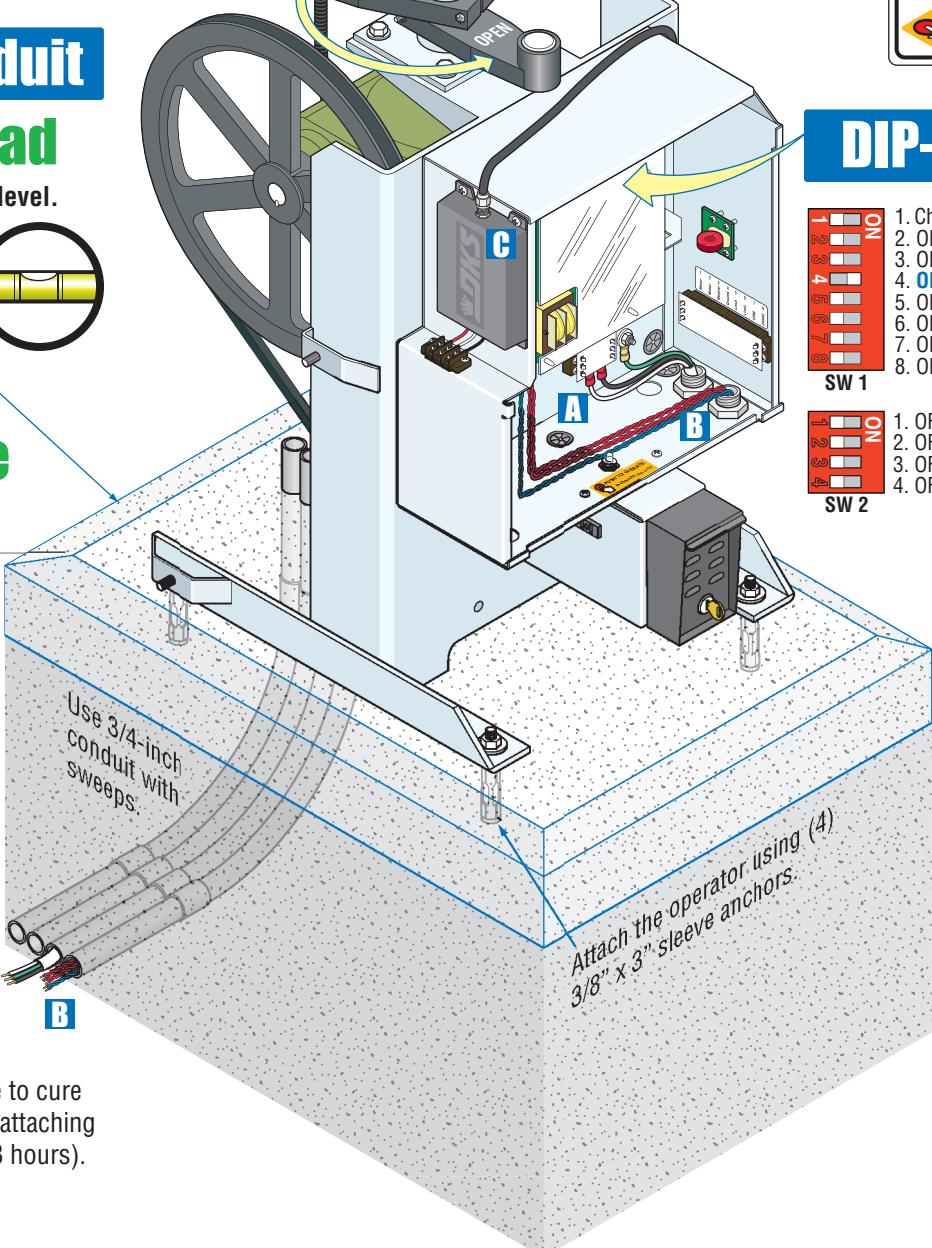
**Tip:** Bevel the edges of concrete pad to eliminate water puddling under the operator.

## Concrete Depth

4" minimum above ground.

This depth of the concrete pad is determined by soil conditions and local building codes (reinforced concrete recommended).

**Tip:** Allow concrete to cure **completely** before attaching operator to pad (48 hours).



## Loop Detectors

**B** Not included - Refer to the Installation/Owner's manual and Loop Information Manual (available **FREE** from [www.dkaccess.com](http://www.dkaccess.com)) for more information on loops and loop detectors.

## 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)

QUICKSTART “BASIC” GUIDELINES FOR MODEL 6500 - DIP-SWITCH AND WIRING REFERENCE

Model 6500 is intended for installation only on swing 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.



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SW 1 DIP-Switches

| Switch  | Function                                      | Setting                                 | Description  |
|---------|---|---|--|
| 1       | Primary 6500 Changes Gate Opening Direction   |   |  |
| 2       | Secondary 6500 Changes Gate Opening Direction | Same as above, for secondary 6500 ONLY. |  |
| 3       | Exit Loop Port Output                         | OFF                                     | The output wired to main terminal #4 becomes the output from the exit loop detector plugged into the EXIT Loop port.   |
|         | Full Open Input                               | ON                                      | <b>Normal Setting.</b> Main 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 stop and <b>reverse</b> gate to the full open position during the <b>close</b> cycle ONLY. |
|         | Not Used                                      | ON                                      | Do Not use this setting for the 6500.  |
| 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 | Circuit Board Relay                           | 7-OFF 8-OFF                             | <b>Normal Setting.</b> Relay activates when gate is at open limit. (Shadow loop setting when used)   |
|         |   | 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.  |



SW 2 DIP-Switches

| Switch | Function      | Setting | Description  |
|--------|---------------|---------|--|
| 1      | Gate Overlap  | OFF     | Primary and secondary operators start at the same time (Normal setting for single gate operator).  |
|        |               | ON      | The <b>secondary</b> operator will start 1.5 sec. before primary operator during <b>open</b> cycle and the <b>primary</b> operator will start 1.5 sec. before the secondary operator during the <b>close</b> cycle (Normal setting for bi-parting gate operators). |
| 2      | Magnetic lock | OFF     | <b>Normal Setting.</b> Magnetic lock is not used.  |
|        |               | ON      | Magnetic lock is used and connected to main terminal #9 and #12.   |
| 3      |               | OFF     | <b>Normal Setting.</b> Switch 3 <b>MUST</b> be turned <b>OFF</b> for Model 6500 operator.  |
| 4      |               | OFF     | <b>Normal Setting.</b> Switch 4 <b>MUST</b> be turned <b>OFF</b> for Model 6500 operator.  |



**Important:** Controls must be installed a minimum of 10-feet from the gate or installed in such a way that the person using the control cannot come in contact with the gate or gate operator.

