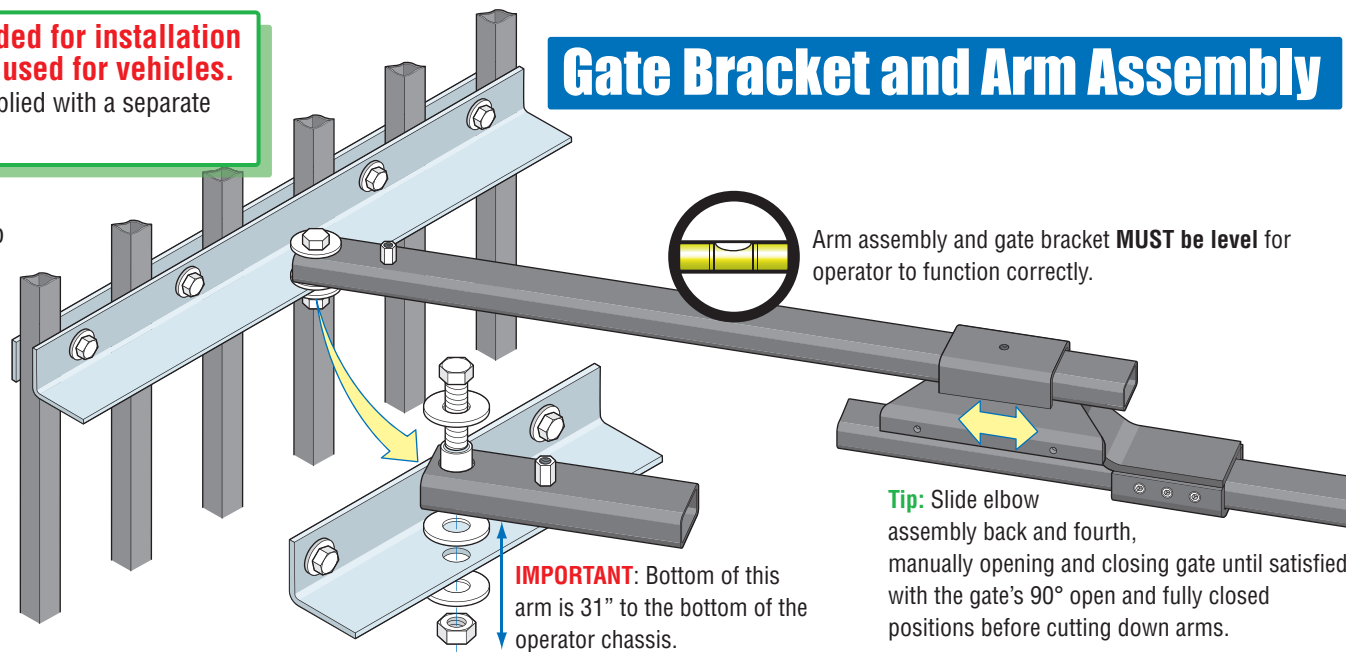


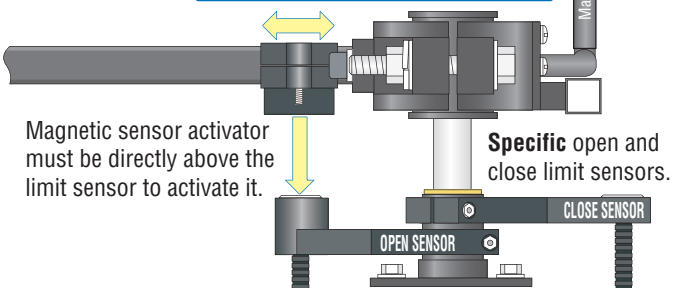
QUICKSTART "BASIC" GUIDELINES FOR MODEL 6500 - FOR GATES UP TO 22 FEET AND OPENING 90°

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



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

AC Power Connection

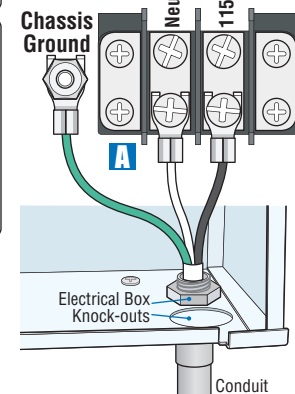
OPERATOR MUST BE PROPERLY GROUNDED!!

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

DANGER
HIGH VOLTAGE!

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

115 VAC

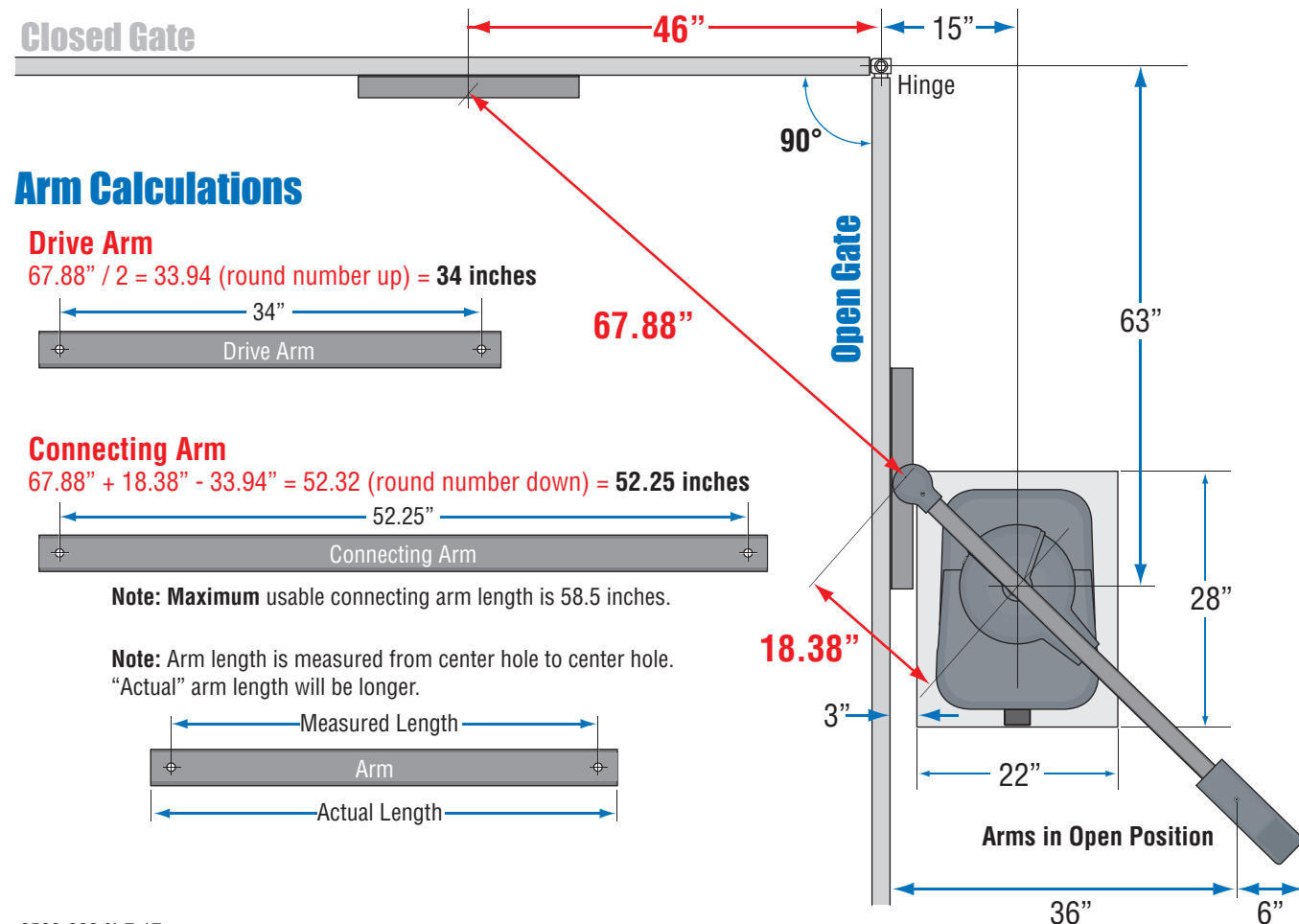


Note: "Optional" High Voltage Kit black and white wires connect the same as shown. See High Voltage Kit instruction sheet for more information.

Typical Installation Layout

Please refer to the Installation/Owner's manual for **Longer or Shorter** dimensional layouts.

46" Gate Attachment Point - Gates up to 22 Ft.



Concrete Pad

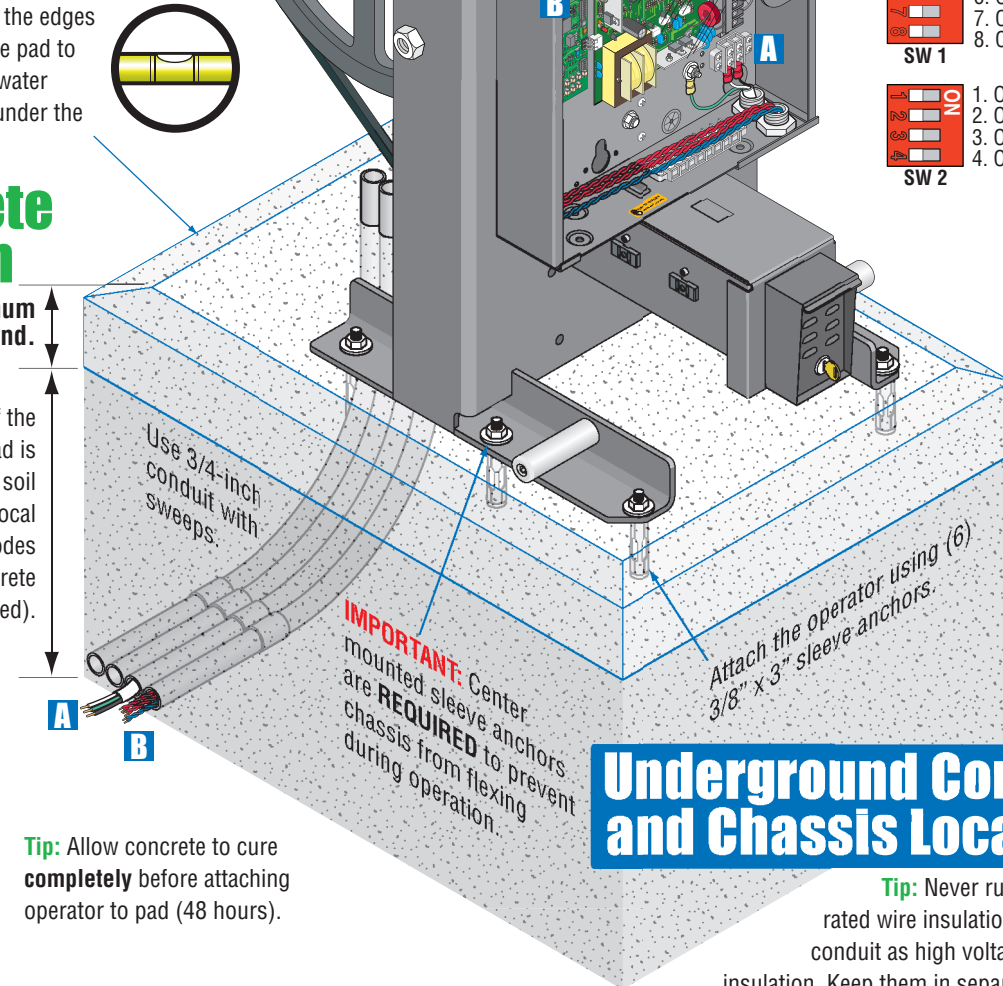
Concrete pad **MUST** be level.

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).

DIP-Switches

- SW 1**
1. Changes Gate Opening Direction (See reverse side)
 2. OFF
 3. OFF
 4. **ON** → Auto Close Timer
 5. OFF
 6. OFF
 7. OFF
 8. OFF
- SW 2**
1. OFF
 2. OFF
 3. OFF
 4. OFF

Adjust
1 to 23 sec.

Loop Detectors

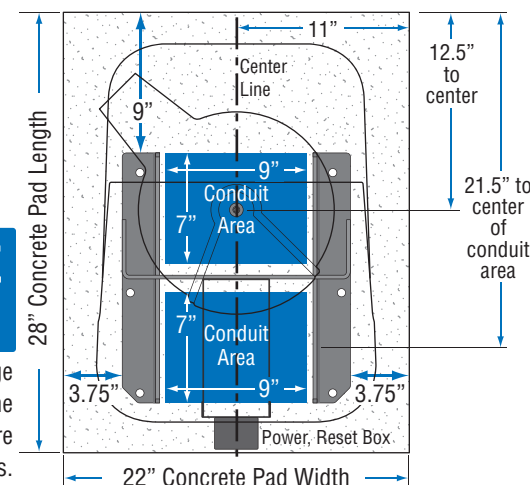
B Not included - Refer to the Installation/Owner's manual and Loop Information Manual (available **FREE** from www.doorking.com) for more information on loops and loop detectors.

Radio Receiver

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

Underground Conduit and Chassis Location

Tip: Never run low voltage rated wire insulation in the same conduit as high voltage rated wire insulation. Keep them in separate conduits.



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.

SW 1 DIP-Switches

Switch	Function	Setting	Description
1	Primary 6500 Changes Gate Opening Direction	Opens Clockwise ON OFF Opens Counter-Clockwise	
2	Secondary 6500 Changes Gate Opening Direction	Same as above, for secondary 6500 ONLY.	
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.
4	Full Open Input	ON	Normal Setting. Terminal #4 is a normal full open input.
		OFF	Auto-close timer is OFF. Manual input required to close gate.
4	Auto-Close Timer	ON	Normal Setting. Auto-close timer is ON. Adjustable from 1-23 seconds.
		OFF	Normal Setting. Input to terminal #6 and reverse loop will stop and reverse gate to the full open position during the close cycle ONLY.
5	Reverses Gate	ON	Input to terminal #6 becomes a SHADOW loop input. It is only active when the gate is fully opened. (Shadow loop setting when external loop detector is used)
		OFF	Normal Setting. Switch must be OFF for single operator.
6	Single Operator Dual Operators	ON	Switch must be ON when primary/secondary (dual) gates are used.
		OFF	Normal Setting. Switch must be OFF for single operator.
7 and 8	Circuit Board Relay	7-OFF 8-OFF	Normal Setting. Relay activates when gate is at open limit. (Shadow loop setting when DoorKing Plug-In loop detector is 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.

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

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.

