

QUICKSTART “BASIC” GUIDELINES FOR STANDARD MODEL 6050/6100 - FOR GATES UP TO 10 FEET AND OPENING 90°

Models 6050/6100 is intended for installation only on swing gates used for vehicles.

For safety and installation instructions, please refer to the Installation/Owner's manual.

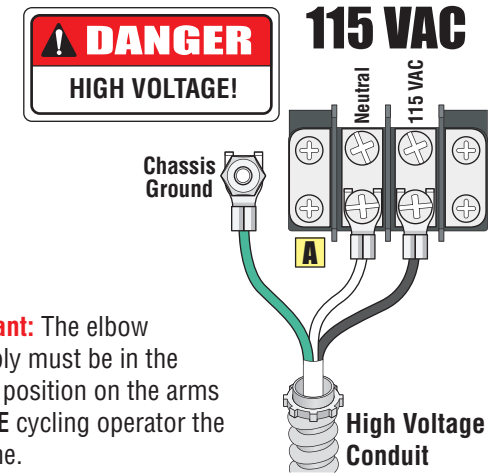


120 Glasgow Avenue
Inglewood, California 90301
U.S.A.

High Voltage Connection

GATE OPERATOR MUST BE PROPERLY GROUNDED!!

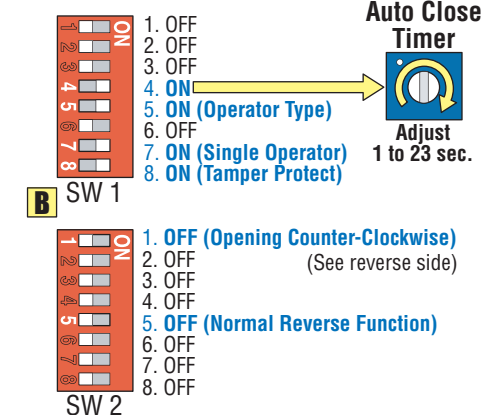
Tip: It is recommended that a surge suppressor be installed on the high voltage power lines.



Important: The elbow assembly must be in the correct position on the arms **BEFORE** cycling operator the first time.

DIP-Switch Settings

Using shadow loop and gate opening in direction shown.



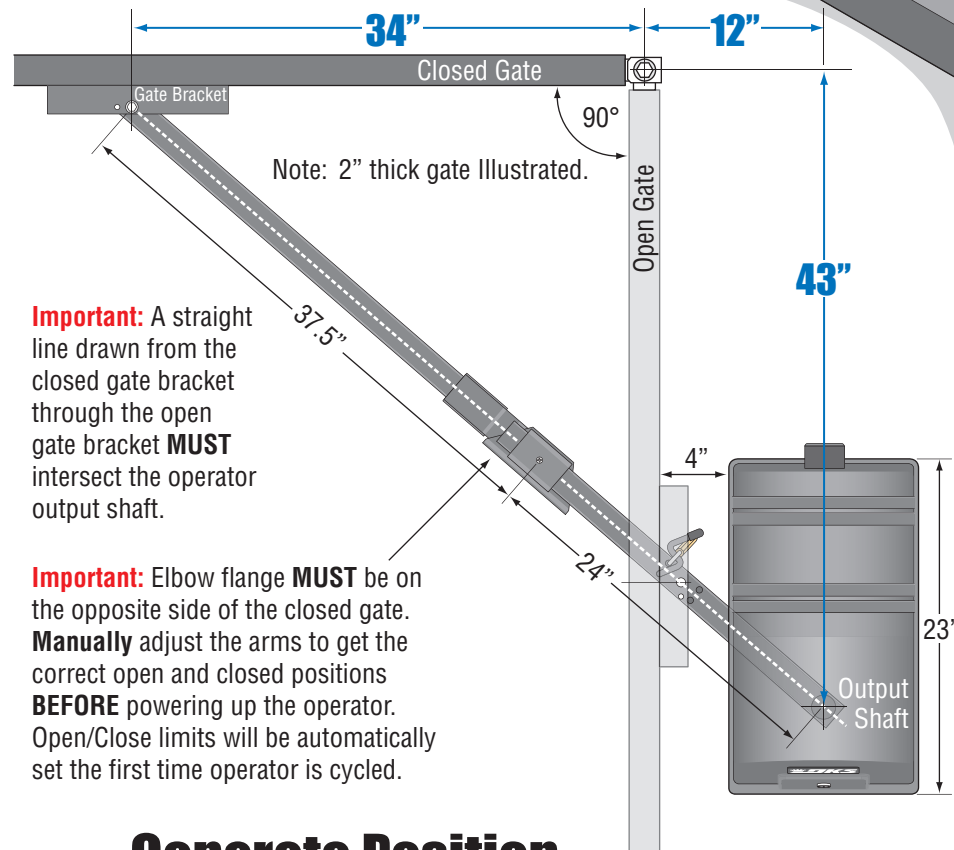
Loop Detectors

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

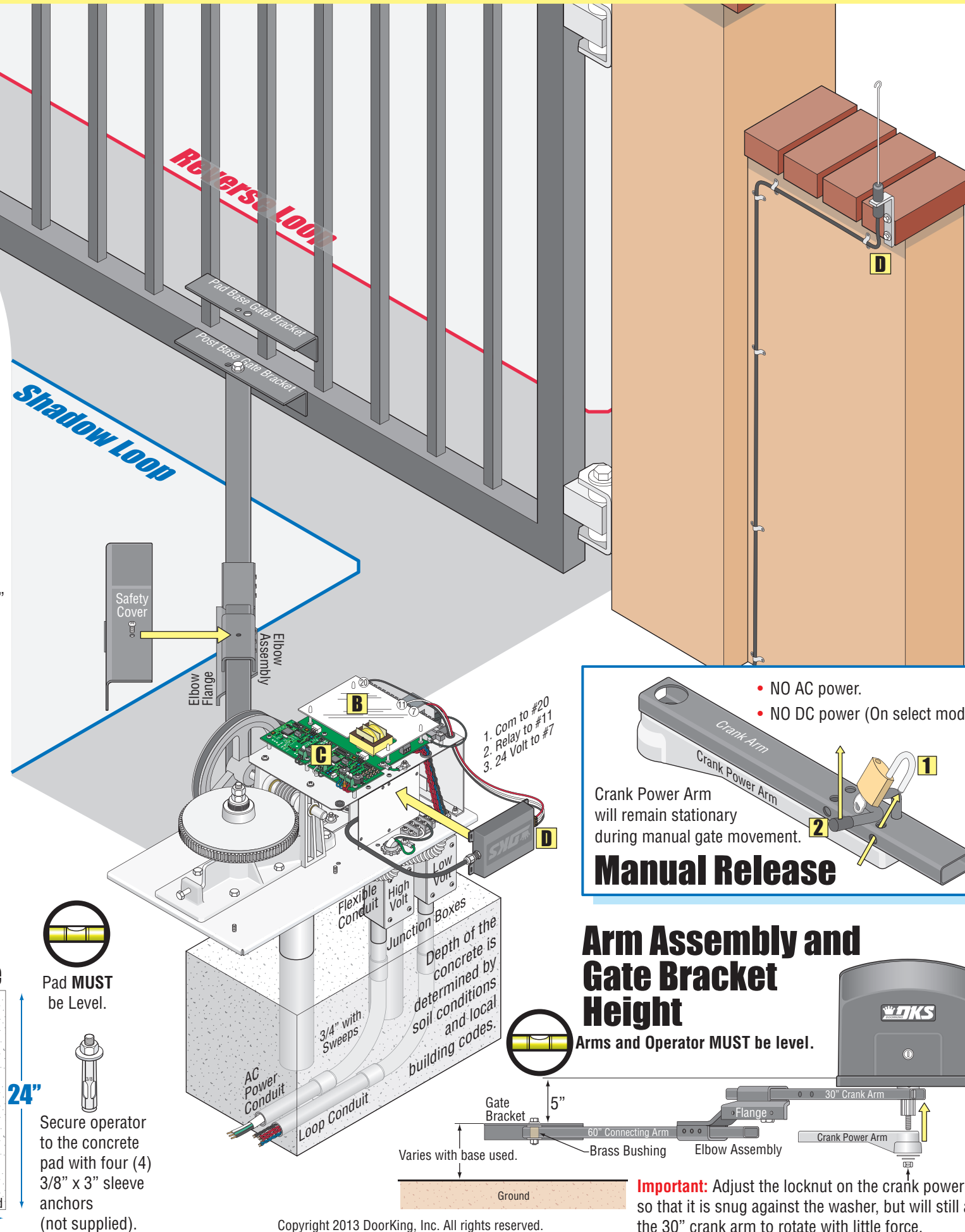
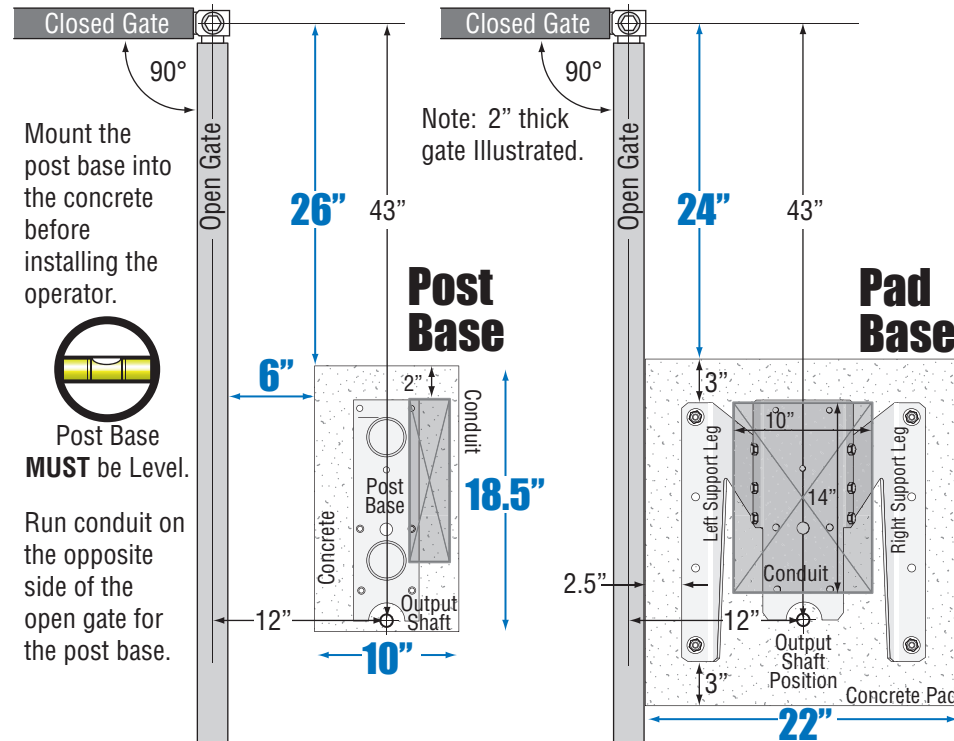
Radio Receiver

D 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)

Operator Position

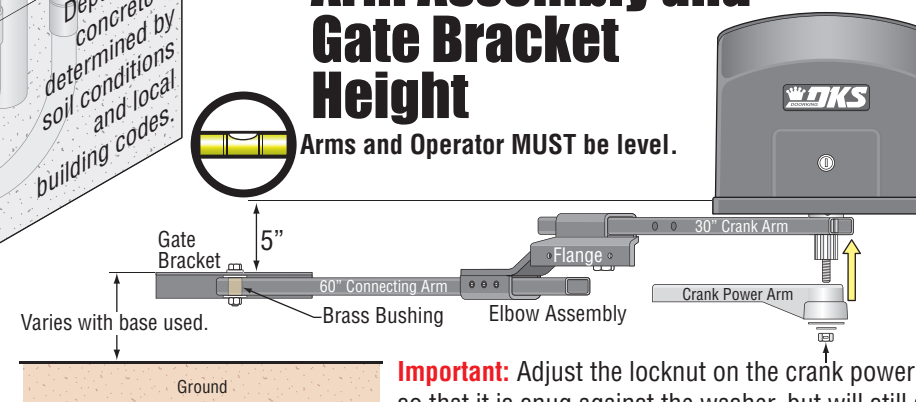


Concrete Position



Arm Assembly and Gate Bracket Height

Arms and Operator MUST be level.



Important: Adjust the locknut on the crank power arm so that it is snug against the washer, but will still allow the 30" crank arm to rotate with little force.

QUICKSTART “BASIC” GUIDELINES FOR MODEL 6050/6100 - DIP-SWITCH AND WIRING REFERENCE

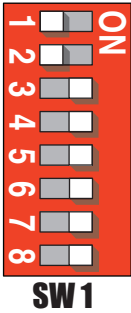


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SW 1 DIP-Switches

⚠ Every time the operator is powered up, the First open command will automatically set the open and close limits of the gate.

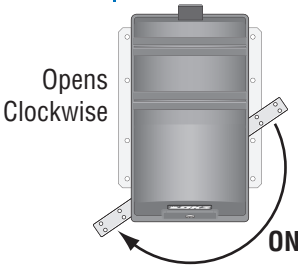
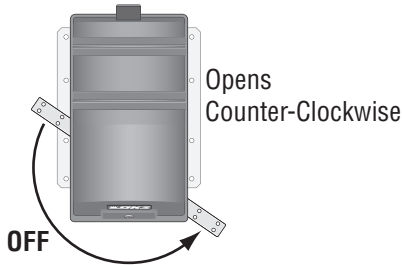
Switch	Function	Setting	Description
1 and 2	Circuit Board Relay	1-OFF 2-OFF	Relay activates when gate is open (Shadow loop setting when used).
		1-OFF 2-ON	Relay activates when gate is not closed.
		1-ON 2-OFF	Relay activates when gate is opening and open.
		1-ON 2-ON	Relay activates when gate is opening and closing.
3	Exit Loop Port Output	OFF	The output wired to terminal #12 becomes the output from the exit loop detector plugged into the EXIT Loop port.
	Full Open Input	ON	Normal Setting. Terminal #12 is a normal full open input.
4	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.
5	Slide Gate	OFF	OFF for Slide gate operator (DO NOT use for 6050/6100).
	Swing Gate	ON	Normal Setting. ON for Swing gate operator (Switch MUST be ON for 6050/6100).
6	3-Button	OFF	OFF when using a 3-button station (DoorKing 3-button control stations only).
	Single Button	ON	ON when using a single button control.
7	Dual Operators	OFF	Switch must be OFF when bi-parting (dual) gates are used.
	Single Operator	ON	Switch must be ON for single operator.
8	Tamper Protect	OFF	Tamper protect is OFF.
		ON	Normal Setting. Tamper protect is ON.

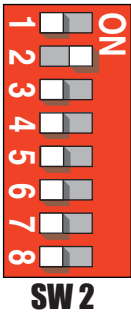


SW 1

SW 2 DIP-Switches

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.

Switch	Function	Setting	Description
1	Primary Operator Opening Direction		
		Same as above, for secondary operator ONLY .	
3	Self-Test	OFF	Normal Setting. Normal operation.
		ON	Self-test mode. Operator MUST be disconnected from gate to run self test.
4	Motor Control for Secondary Operator	OFF	Switch is OFF when both primary and secondary operator motors are powered from main terminals 4 and 5. Applies to operators originally manufactured with 4501, Rev O boards or lower).
		ON	Switch is ON when secondary operator motor is powered from the secondary motor terminals. Applies to operators manufactured with 4501, Rev P boards and higher, and all 4502 boards .
5	Reverse Loop	OFF	Terminal 15 is a normal Reverse input.
	Shadow Loop	ON	Terminal 15 is a Shadow input. Gate will NOT stop during the close cycle.
6	Gate Overlap	OFF	Primary and secondary operators start at the same time.
		ON	Secondary operator starts 1-2 seconds prior to primary operator.
7	Not Used	OFF	Leave in the OFF position.
8	Not Used	OFF	Leave in the OFF position.



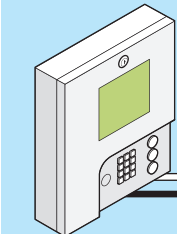
SW 2

Model 6050/6100 is intended for installation only on swing gates used for vehicles. Pedestrians must be supplied with a separate access opening.

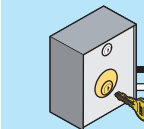
For safety and installation instructions, please refer to the Installation/Owner's manual.

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.

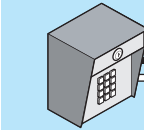
#11 - Access Control Devices



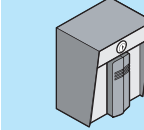
Telephone Entry



Key Switch



Stand-Alone Keypad



Stand-Alone Card Reader

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



#12 - Safety Opening Device

SW 1

SW 1, switch 3 must be ON.

