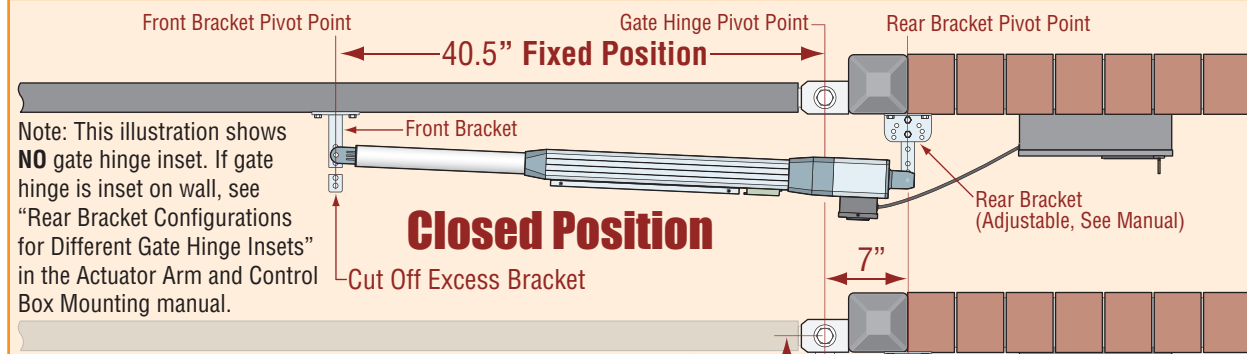


QUICKSTART "BASIC" GUIDELINES FOR MODEL 115 VAC 6003 - FOR A GATE UP TO 10 FEET, 300LBS AND "OPENING TO THE INSIDE"

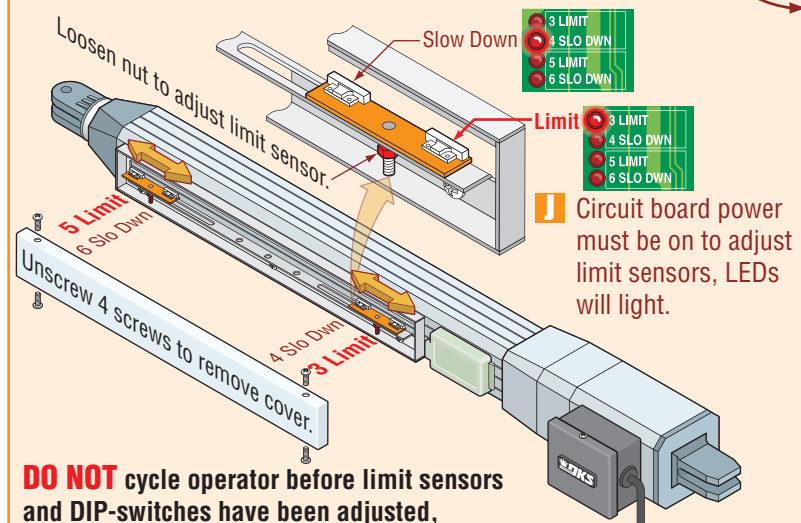


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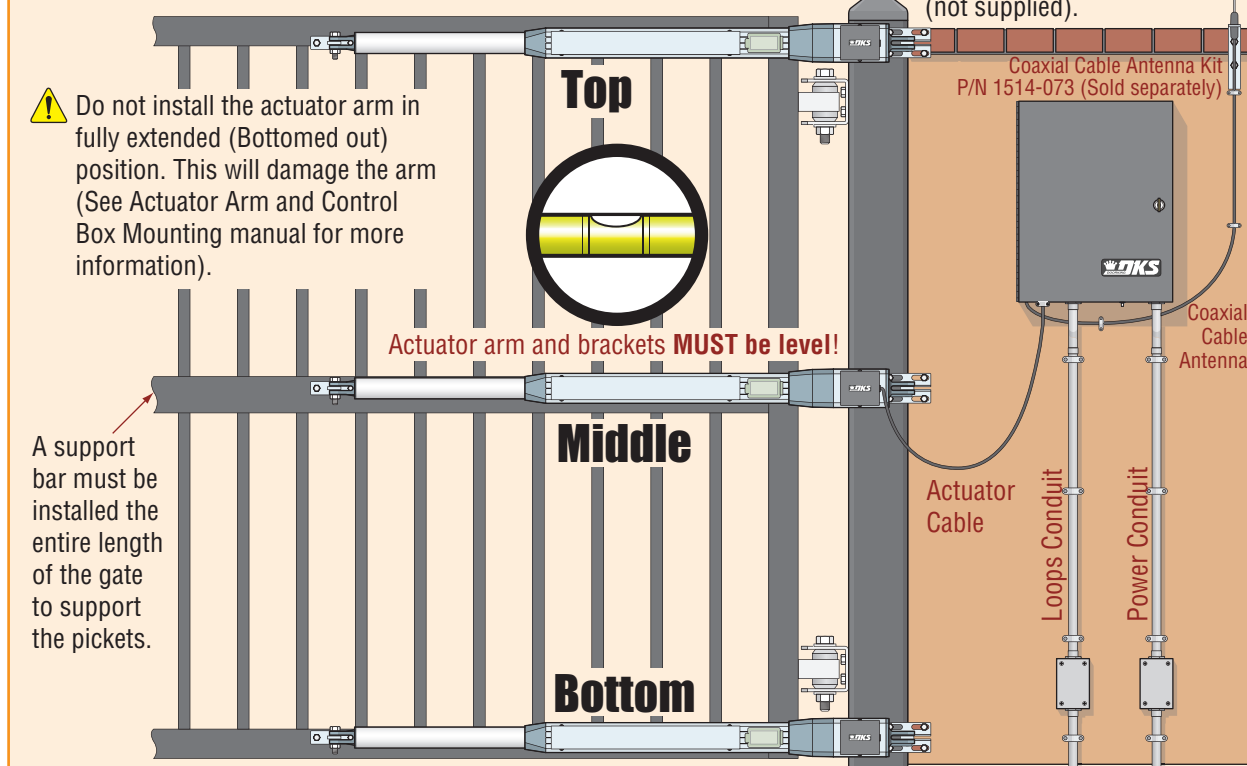
Mounting System and Adjusting Open/Close Position



Limit Sensors

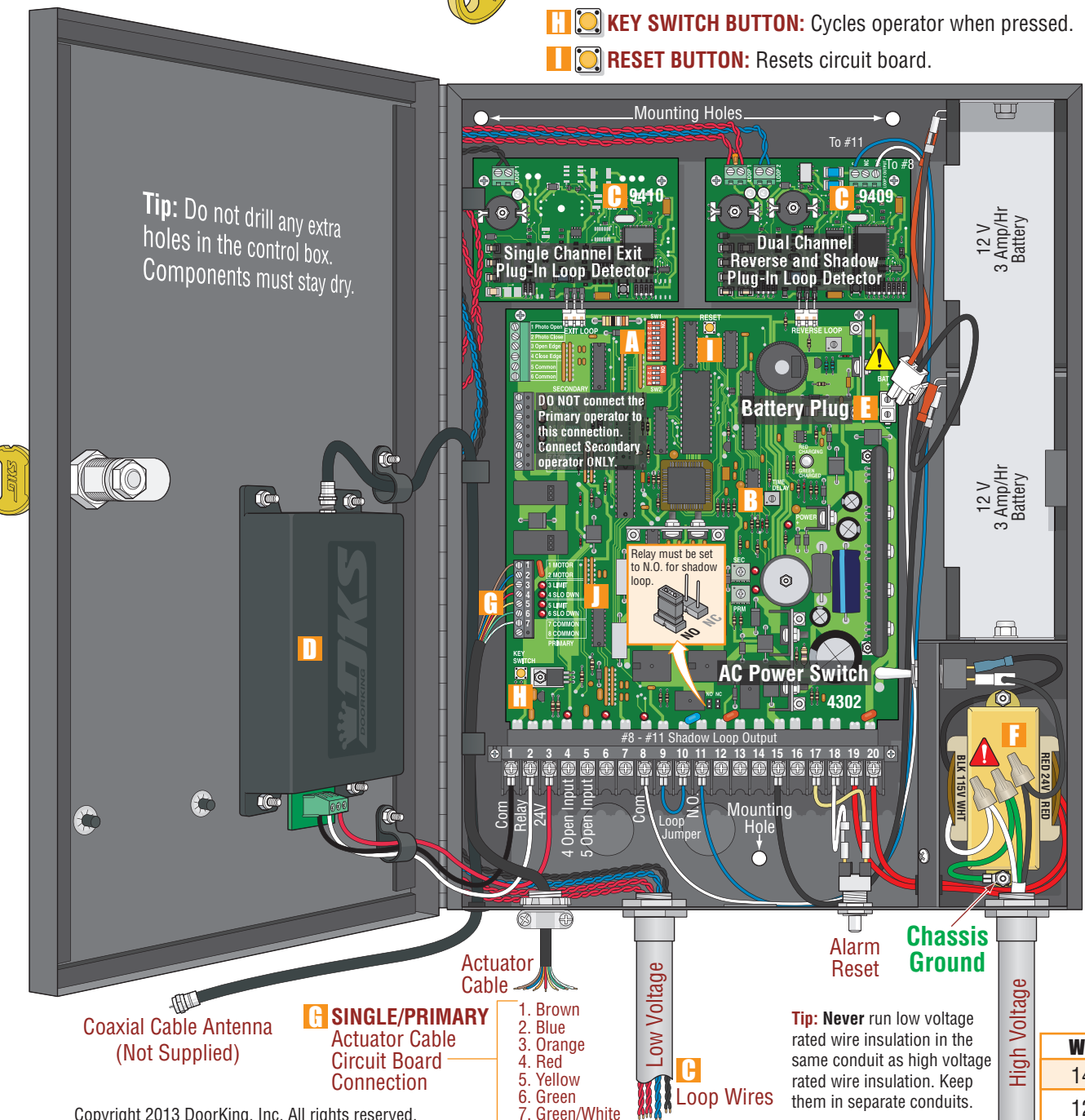
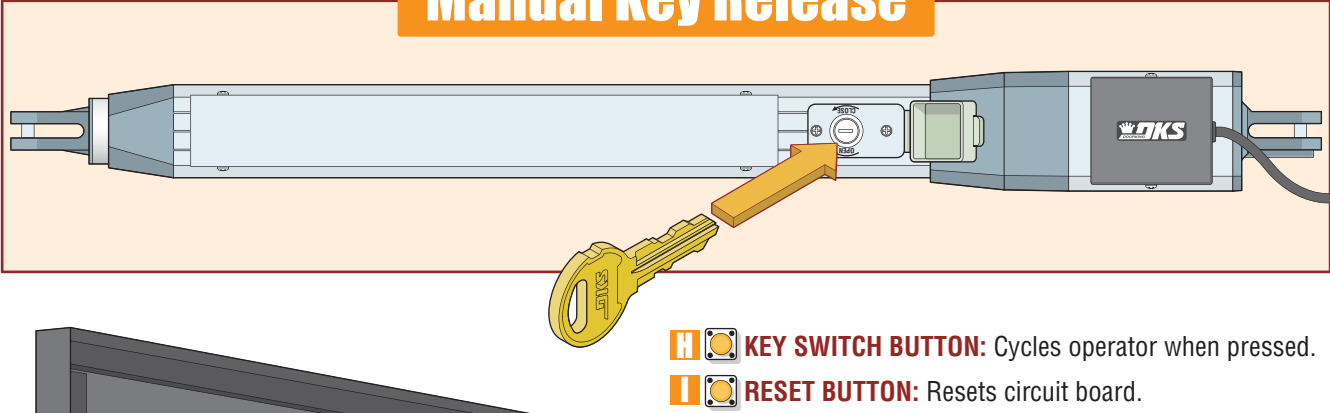


DO NOT cycle operator before limit sensors and DIP-switches have been adjusted, damage could occur to gate and operator. Please refer to the Wiring/Owner's manual.



Model 115 VAC 6003 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 **6003 Actuator Arm and Control Box Mounting manual** and the **115 VAC Control Box Wiring/Owner's manual**.

Manual Key Release



Circuit Board Settings

- Typical Settings for Single Operator with Plug-In Loops
See reverse side.
- A** SW 1
1. Direction **Primary** operator opens.
 2. OFF
 3. OFF
 4. **ON** → Auto-Close Timer
 5. ON - Shadow Loop
 6. OFF
 7. OFF
 8. OFF
- B** Adjust 1 to 23 sec.
- SW 2**
1. ON - Relay for Dual Plug-In Shadow Loop
 2. OFF - Relay for Dual Plug-In Shadow Loop
 3. OFF
 4. OFF
- Note: Please refer to the Wiring/Owner's manual for more information.

Plug-In Loop Detectors

C Not included - Refer to the Wiring/Owner's manual and Loop Information Manual (available free from www.dkaccess.com) for more information.

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.

Battery Connection

CAUTION

E Do not connect the battery to the circuit board until power is needed to test the actuator arm.

115 VAC Connection

DANGER

F HIGH VOLTAGE!

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

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

Note: To turn-off ALL power to the operator, the AC power switch must be turned off and the battery plug must be disconnected from the circuit board.

Wire Size	Distance	115 VAC Input Power Wire
14 AWG	Up to 200 ft	
12 AWG	Beyond 200 ft	

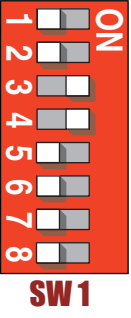
QUICKSTART "BASIC" GUIDELINES FOR MODEL 115 VAC 6003 - DIP-SWITCH AND WIRING REFERENCE



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SW 1 DIP-Switches



Switch	Function	Setting	Description
1	Opening Direction of PRIMARY Operator	OFF setting.	Opens counter-clockwise.
		ON setting.	Opens clockwise.
2	Opening Direction of SECONDARY Operator	OFF setting.	Opens counter-clockwise.
		ON setting.	Opens clockwise.
3	Exit Loop Port Output	OFF	Terminal #4 is output from plug-in exit loop detector installed in EXIT loop port.
	Open Input	ON (normal)	Terminal #4 is normal open command.
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.
5	Reverse	OFF (normal)	Terminal #8 is a standard Reverse input.
	Not Used	ON	On setting is NOT used.
6	Overlapping Gates	OFF	Both operators start at the same time.
		ON	Secondary operator opens 1-2 seconds before primary operator. Vice-versa when closing.
7	Single	OFF	Switch must be OFF for single operator.
	Dual	ON	Switch must be ON when (dual) operators are used.
8	Input Power	OFF	Switch MUST be in the OFF position.

Note: After a DIP-switch setting is changed, press the reset button for new settings to take effect.

SW 2 DIP-Switches



Switch	Function	Setting	Description
1 and 2	Relay Operation	1-OFF 2-OFF	Relay activates when gate is fully open.
		1-OFF 2-ON	Relay activates when gate is not closed.
		1-ON 2-OFF	Relay activates when gate is opening and open. Shadow loop setting if used.
		1-ON 2-ON	Relay activates when gate is opening and closing.
3	Maglock Used	ON	1 second delay to disengage maglock.
	No Maglock	OFF	Leave in the OFF position if a maglock is NOT used.
4	Spare	OFF	Leave in the OFF position.

Main Terminal

