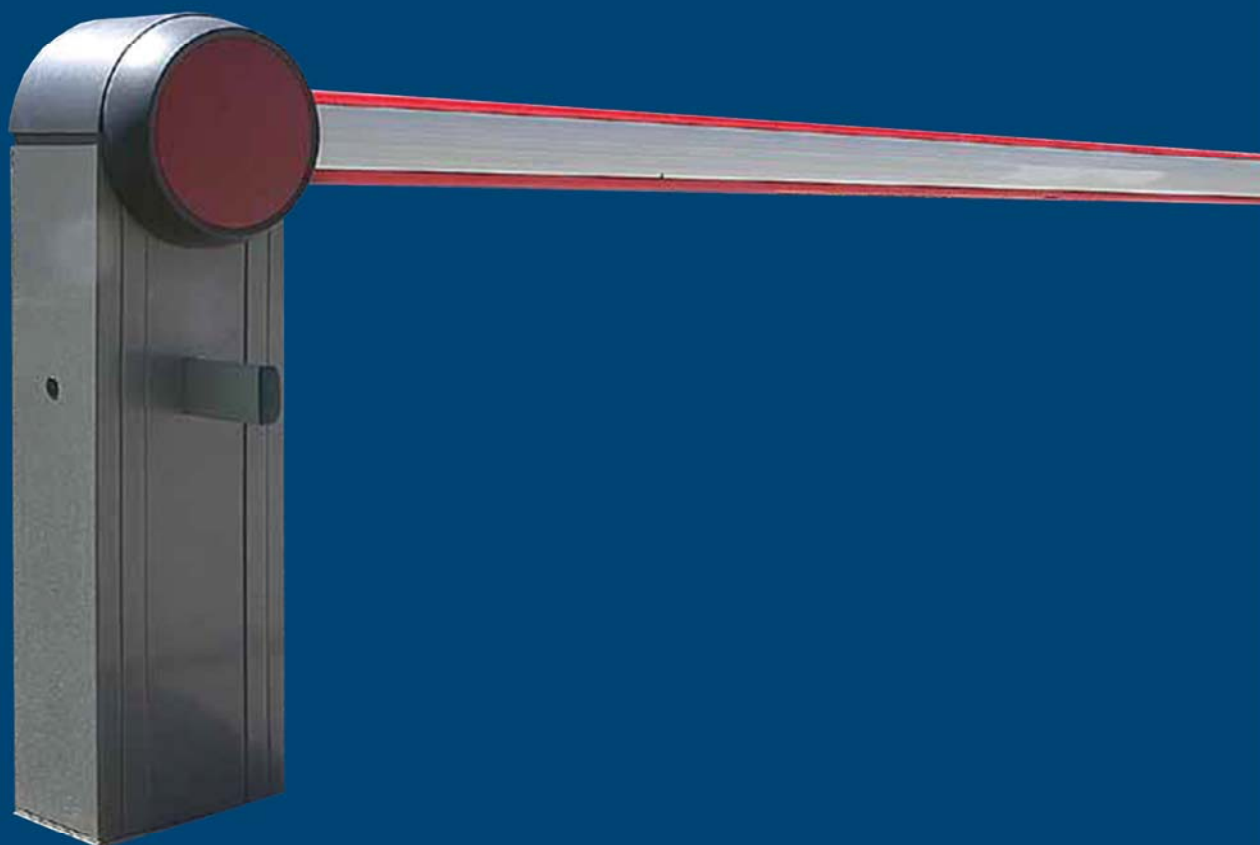


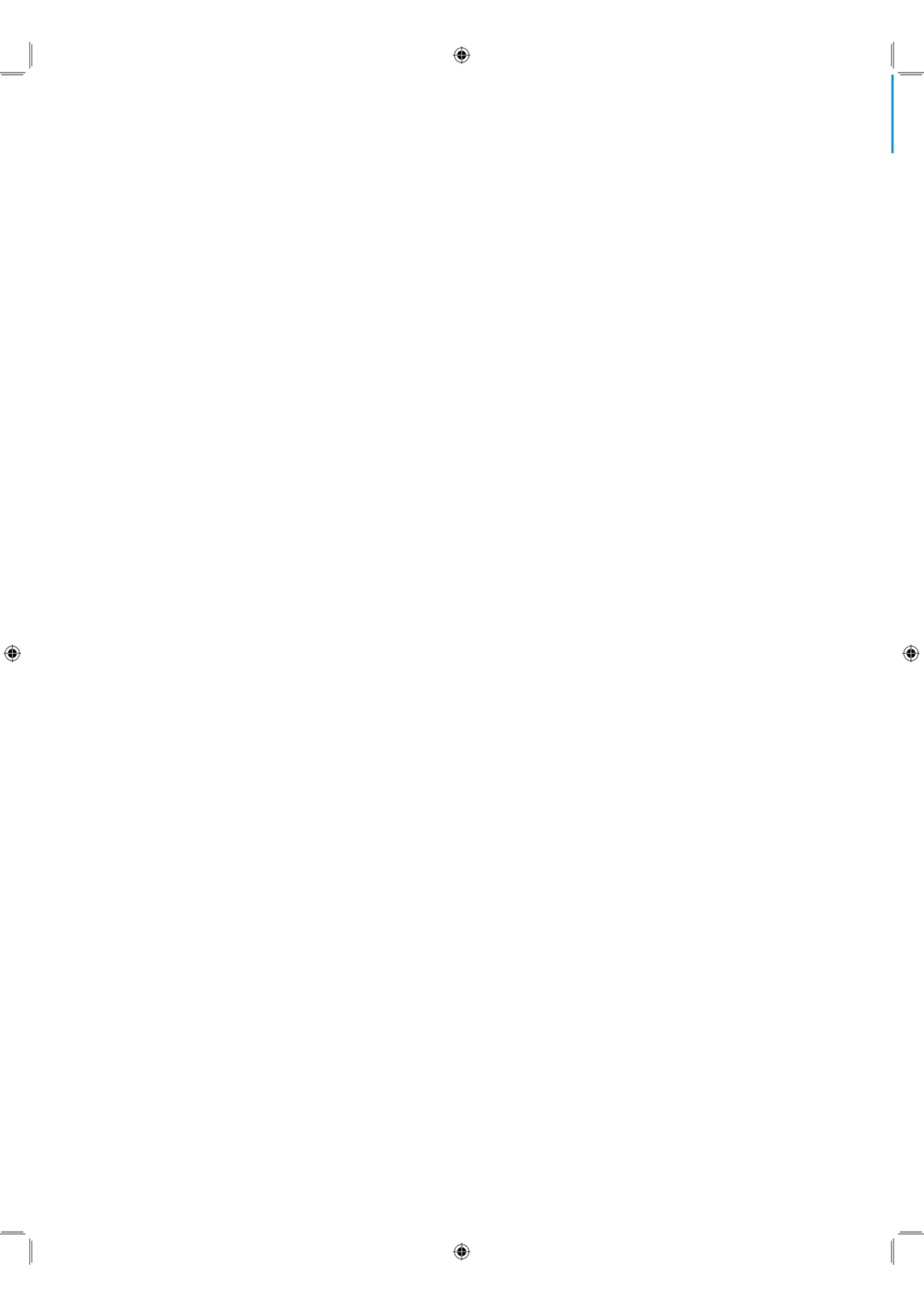
# BARRIERS

Vehicular gate operator

INSTALLATION INSTRUCTION MANUAL



**PLATINUM ACCESS SYSTEMS™**



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This installation manual is intended for professionally competent personnel only. Installation, electrical connections and adjustments must be performed in accordance with Good Working Methods and in compliance with applicable regulations.

Before installing the product, carefully read the instructions. Bad installation could be hazardous. The packaging materials (plastic, polystyrene, etc.) should not be discarded in the environment or left within reach of children, as these are potential sources of hazard.

Before installing the product, make sure it is in perfect condition.

Do not install the product in an explosive environment and atmosphere: gas or inflammable fumes are a serious hazard risk.

Before installing the motors, make all structural changes relating to safety clearances and protection or segregation of all areas where the risk of being crushed, cut or dragged, and danger areas in general. Make sure the existing structure is up to standard in terms of strength and stability. The motor manufacturer is not responsible for failure of use Good Working Methods in buildings frames to be motorized or for any deformation occurring during use.

The safety devices (photocells, safety edges, emergency stops, etc.) must be installed taking into account: applicable laws and directives, Good Working Methods, installation premises, system operating logic and the forces developed by the motorized barrier.

The safety devices must protect any areas

where the risk exists of being crushed, cut or dragged, or where there are any other risks generated by the motorized barrier.

Apply hazard area notices required by applicable regulations.

Each installation must clearly show the identification details of the motorized barrier.

Before making power connections, make sure the plate details correspond to those of the power mains. Fit an omnipolar disconnection switch with a contact opening gap of at least 3mm.

Make sure adequate residual current circuit breaker and overcurrent cutout are fitted upstream of the electrical system. When necessary, connect the motorized barrier to a reliable earth system made in accordance with applicable safety regulations.

During installation, maintenance and repair, interrupt the power supply before opening the lid to access the electrical parts.

When handling electronic parts, wear earthed antistatic conductive bracelets. The motor manufacturer declines all responsibility in the event of component parts being fitted that are not compatible with the safe and correct operation.

For repairs or replacements of products only original spare parts must be used. The installer shall provide all information relating to the automatic, manual and emergency operation of the motorized barrier, and provide the user with operating instructions.

<b>Power Requirements</b>	120 VAC Single Phase at 3 Amps or 220 VAC Single Phase at 1.5 Amp
<b>Main Power</b>	Power Input: 100-240 VAC. Select 115/230 VAC Single Phase
<b>Absorption</b>	1A
<b>Torque</b>	70 Nm
<b>Opening Time</b>	2-6 s/90°
<b>Closing Time</b>	2-6 s/90°
<b>Rod Length (max)</b>	19ft
<b>Service Class</b>	5- INTENSE
<b>Working Temperature</b>	-4°F/ + 158° C

### 3.1 OPERATING INSTRUCTIONS

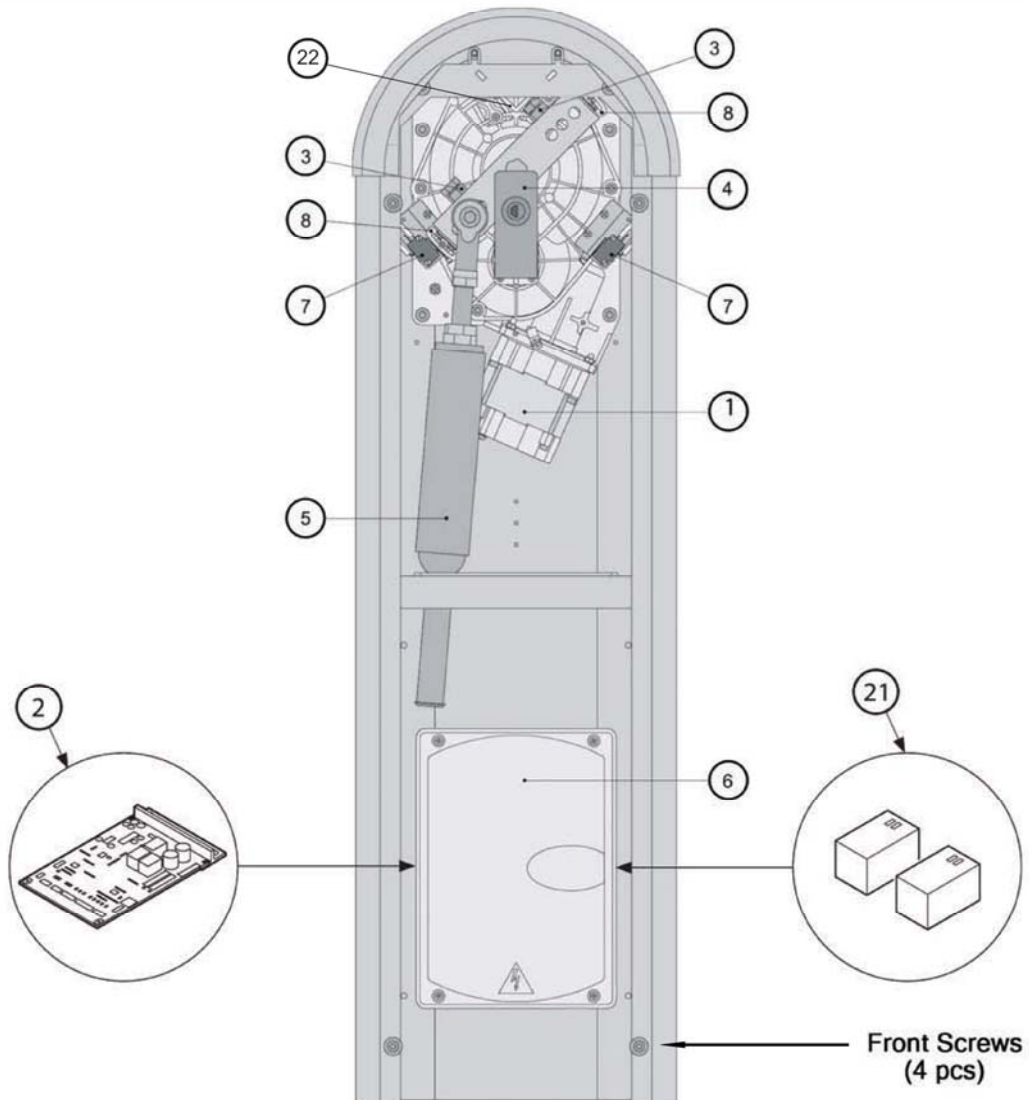
**Applications: INTENSE** (for condominium, industrial and commercial **entrances, parking spaces** with intense vehicle or pedestrian access).

**Service class: 5** (minimum 5 years of **working life** with 600 cycles per day).

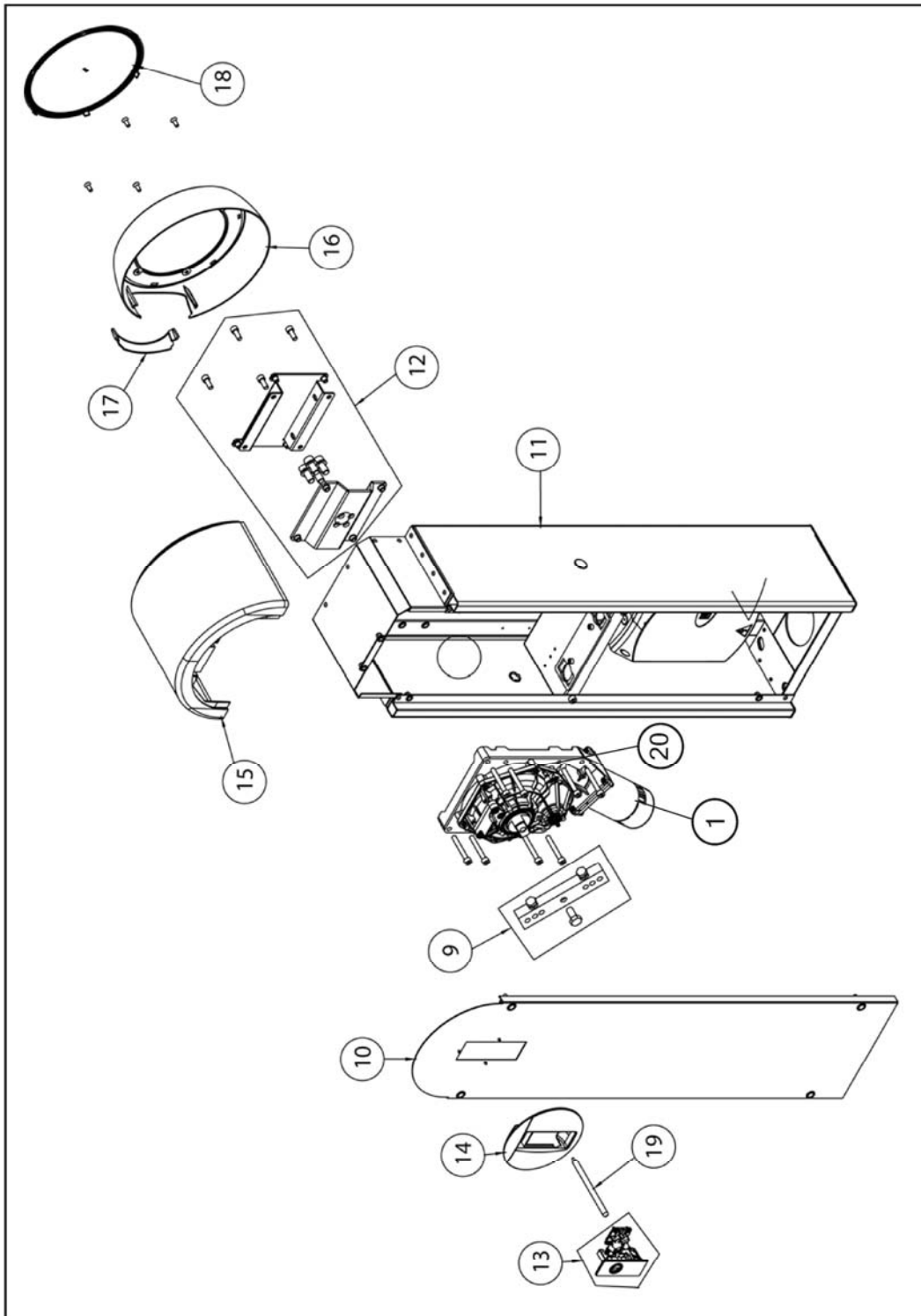
**Applications: VERY INTENSE** (for condominium, industrial and commercial entrances, parking spaces with very intense vehicle or pedestrian access).

- Performance characteristics are to be understood as referring to the recommended weight (approx. 2/3 of the maximum permissible weight). When use with the maximum permissible weight a reduction in the above mentioned performance can be expected.
- Each automatic entrance has variable elements such as: friction, balancing and environmental factors. All of which may substantially alter the performance characteristics of the automatic entrance or curtail its working life or parts thereof (including the automatic devices themselves). The installer should adopt the correct safety conditions for each particular installation.





ITEM	P/N	Item Description	ITEM	P/N	Item Description
1		24V = motor with encoder	9	BGA	Gear Arm
2		Main Control Board GOC-6000	10	BBD	Barrier Door
3		Mechanical stop adjusting screw	11	BBEN	Barrier Enclosure
4		Key Release	12	BAHBA	Arm Holder Bracket Assy
5	SPCY	Grey Spring	13	AR	Release Arm with Lock
	SPGN	Green Spring	14	ARB	Release Device Bezel
	SPRD38	Red spring $\varnothing$ 1.5"	15	ENTOPC	Enclosing Top Cover
	SPRD51	Red spring $\varnothing$ 2"	16	AHBRC	Arm Holder Bracket Cover
6		Control Panel Box	17	AHBRCL	Arm Holder Bracket Cover Lid
7		Limit Switch	18	AHBRCR	Arm Holder Bracket Cover Ring
8		Limit Switch Sliding Block	19	RPIN	Release Pin
8		Limit Switch Sliding Block	20	Gmotor	Gearmotor Assy
22		Mechanical Stop Bracket	21	BTY7	Batteries -12V-7AH



## Safety Information



**WARNING:** To reduce the risk of severe injury or death to person, please to follow these instructions:

### IMPORTANT INSTALLATION INSTRUCTIONS BY UL STANDARDS:

a) Install the gate operator only when:

1. The operator is appropriate for the construction of the gate and the usage Class of the gate,
2. All openings of a horizontal slide gate are guarded or screened from the bottom of the gate to a minimum of 1.83 m (6 ft) above the ground to prevent a 57.2mm (2-1/4 inch) diameter sphere from passing through the openings anywhere in the gate, and in that portion of the adjacent fence that the gate covers in the open position,
3. All areas of the moving vertical pivot gate panel from the bottom of the gate to the top of the gate or a minimum of 1.83 m (72 in) above grade, whichever is less, that pass by a fixed stationary object, and in the area of the adjacent fence that the gate covers during the travel of the gate, shall be designed, guarded or screened to prevent a 57mm (2-114 in) diameter sphere from passing through such areas.
4. All exposed pinch points are eliminated or guarded, and
5. Guarding is supplied for exposed rollers.
6. The operator instructions shall list the maximum number of open and close entrapment protection devices capable of being connected to the operator.

b) The operator is intended for installation only on gates used for vehicles. Pedestrians must be supplied with a separate access opening. The pedestrian access opening shall be designed to promote pedestrian usage. Locate the gate such that persons will not come in contact with the vehicular gate during the entire path of travel of the vehicular gate.

c) The gate must be installed in a location so that enough clearance is supplied between the gate and adjacent structures when opening and closing to reduce the risk of entrapment. Swinging gates shall not open into public access areas.

d) The gate must be properly installed and work freely in both directions prior to the installation of the gate operator, Do not over-tighten the operator clutch or pressure relief valve to compensate for an improperly installed, improperly functioning, or damaged gate.

e) For gate operators utilizing Type D protection:

1. The gate operator controls must be placed so that the user has full view of the gate area when the gate is moving,
2. The placard as required by 62.1.6 shall be placed adjacent to the controls,
3. An automatic closing device (such as a timer, loop sensor, or similar device) shall not be employed, and
4. No other activation device shall be connected.

f) Permanently mounted controls intended for user activation must be located at least 1.83 m (6ft) 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. Exception: 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.





**WARNING:** To reduce the risk of severe injury or death to person, please to follow these instructions:

**g) The Stop and/or Reset button must be located in the line-of-sight of the gate. Activation of the reset control shall not cause the operator to start**

h) A minimum of two (2) WARNING SIGNS shall be installed, in the area of the gate. Each placard is to be visible by persons located on the side of the gate on which the placard is installed. Also see 62.1.1.

i) For gate operators utilizing a non-contact sensor in accordance with 32.1.1:

1 See instructions on the placement of non-contact sensors for each Type of application,

2 Care shall be exercised to reduce the risk of nuisance tripping, such as when a vehicle. trips the sensor while the gate is still moving, and

3. One or more non-contact sensors shall be located where the risk of entrapment or obstruction exists, such as the perimeter reachable by a moving gate or barrier.

j) For a gate operator utilizing a contact sensor in accordance with 32.1.1:

1. One or more contact sensors shall be located where the risk of entrapment or obstruction exists. such as at the leading edge, trailing edge, and postmounted both inside and outside of a vehicular horizontal slide gate.

2 One or more contact sensors shall be located at the bottom edge of a vehicular vertical lift gate.

3. One or more contact sensors shall be located at the pinch point of a vehicular vertical pivot gate.

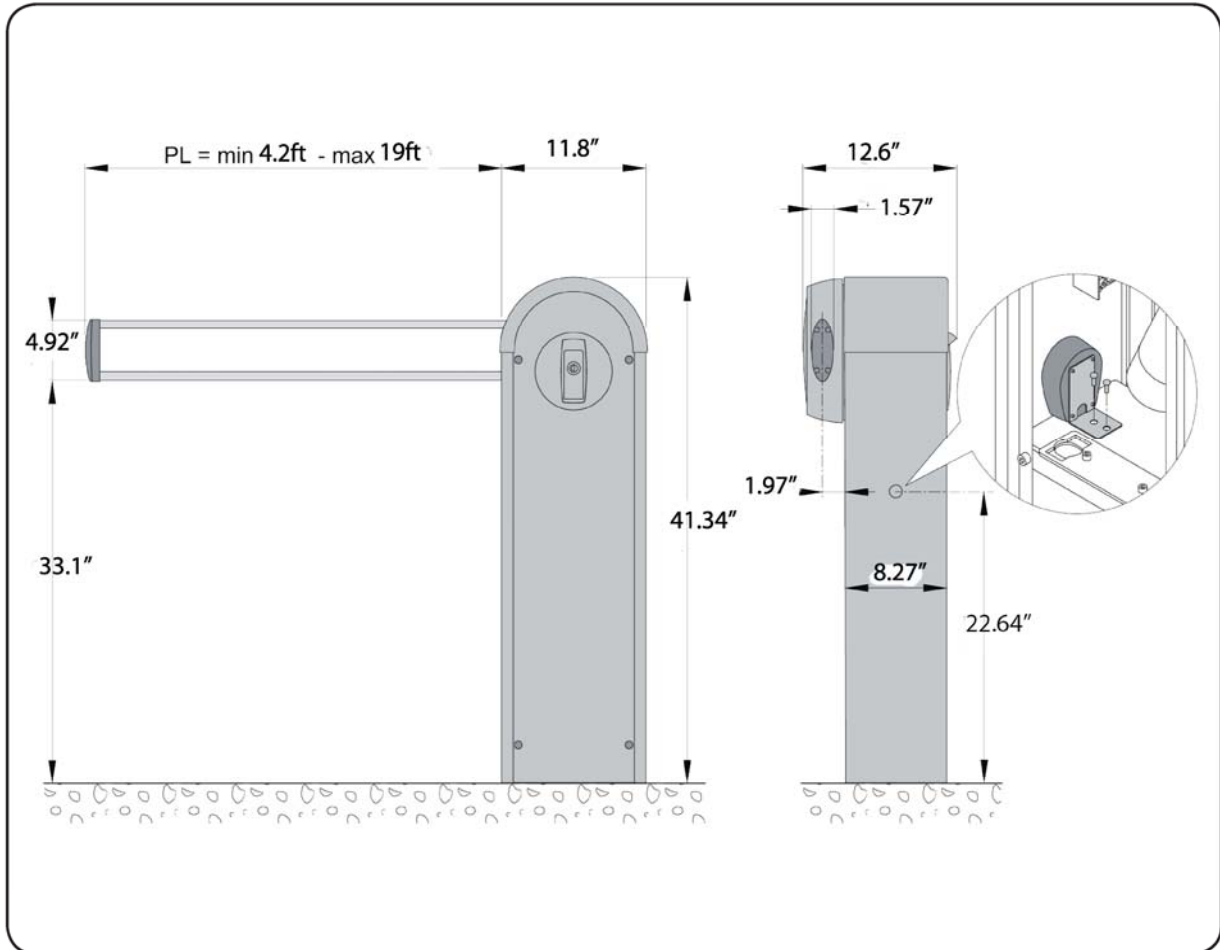
4 A hardwired contact sensor shall be located and its wiring arranged so that the communication between the sensor and the gate operator is not subjected to mechanical damage.

5. A wireless device such as one that transmits radio frequency (RE) signals to the gate operator for entrapment protection functions shall be located where the transmission of the signals are not obstructed or impeded by building structures, natural landscaping or similar obstruction. A wireless device shall function under the intended end-use conditions.

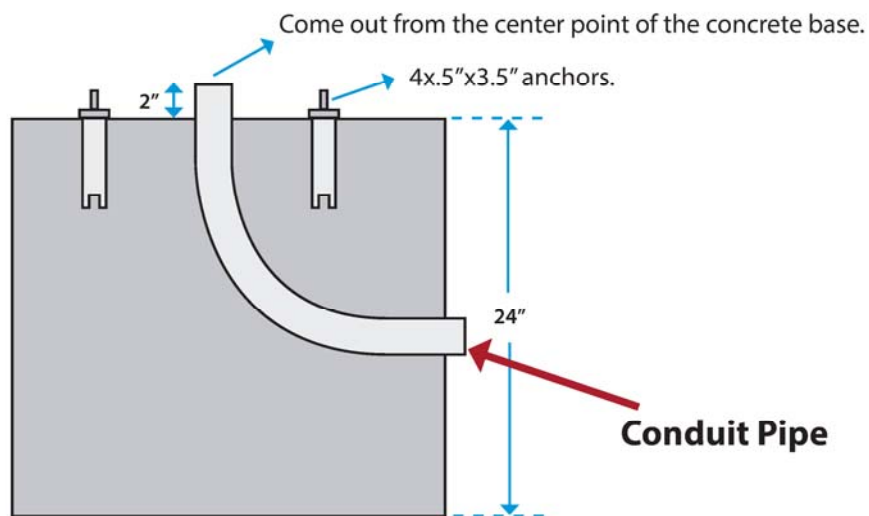
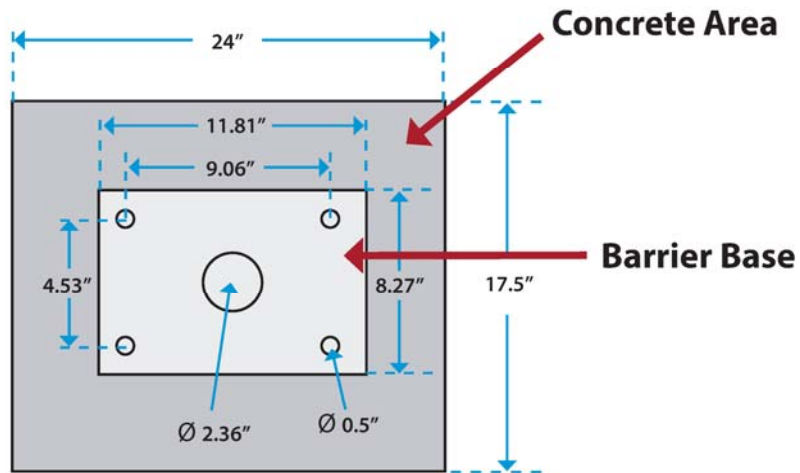
6. One or more contact sensors shall be located on the inside and outside leading edge of a swing gate. Additionally, if the bottom edge of a swing gate is greater than 152 mm (6 in) but less than 406 mm (16 in) above the ground at any point in its arc of travel, one or more contact sensors shall be located on the bottom edge.

7. One or more contact sensors shall be located at the bottom edge of a vertical barrier (arm).

PRODUCT DIMENSIONS

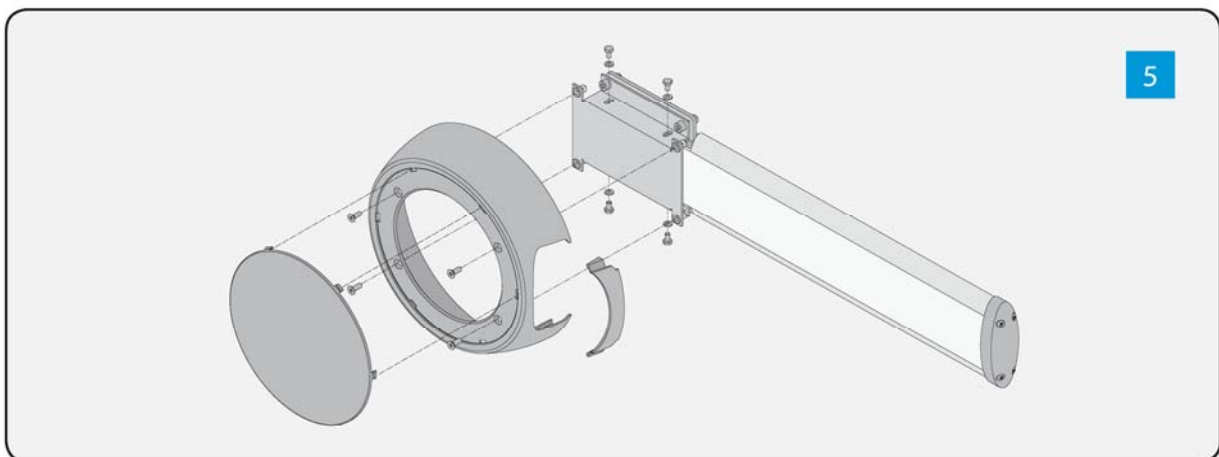
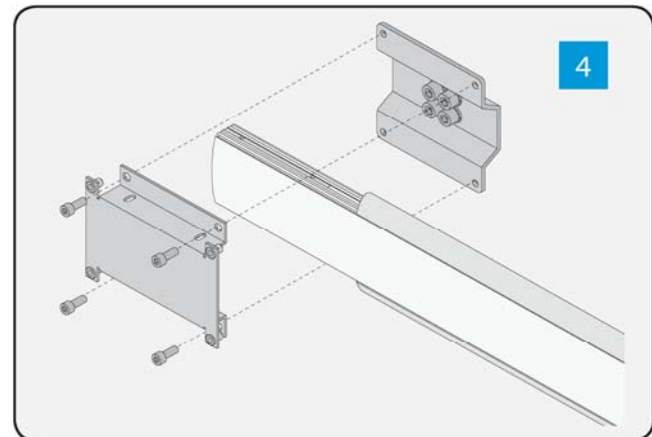
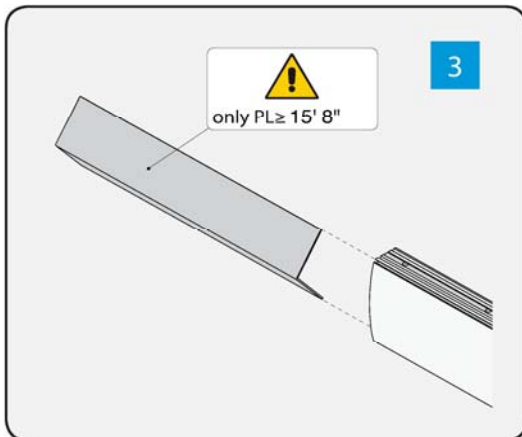
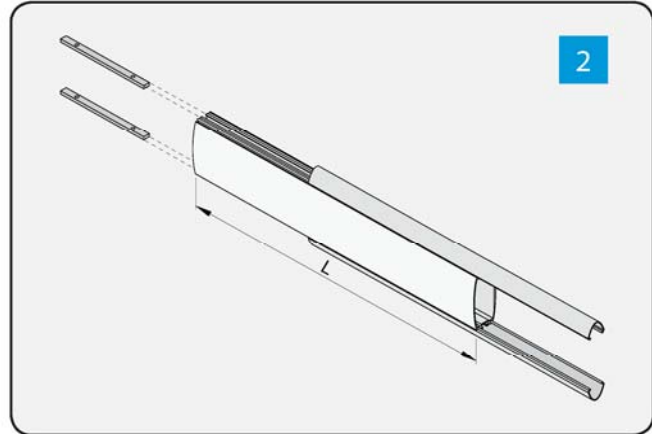
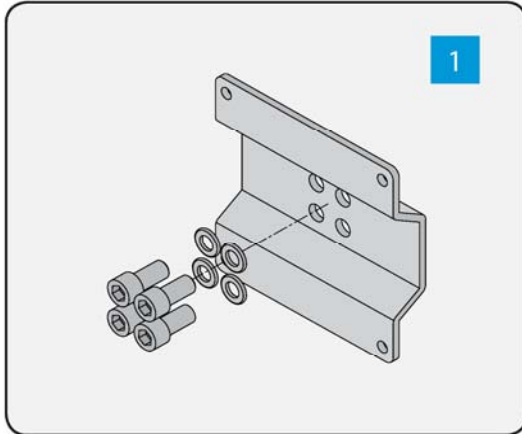


CONCRETE BASE AND PREPARATION



Prepare a 24"x17.5" rectangle area, and dig 17" deep into the ground. Then pour the concrete mixer into the hole and make sure this concrete block is at least 6" above the ground (do not forget to place the conduit pipe first before the concrete mixer).

ARM ASSEMBLY



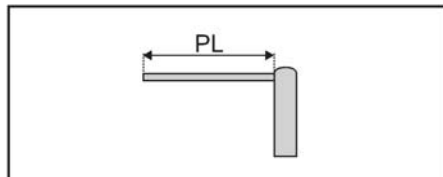
Cut the length of the bar to  $L=PL+10.82''$ .




Install the bar as shown in the figure.

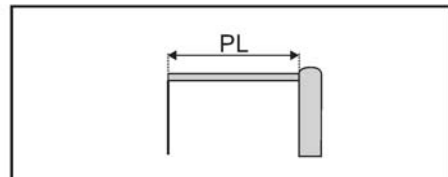





STRUT SELECTION

- 1 Determine arm length
- 2 From table select the proper strut
- 3 From the picture select the proper position on the gear arm to mount the strut

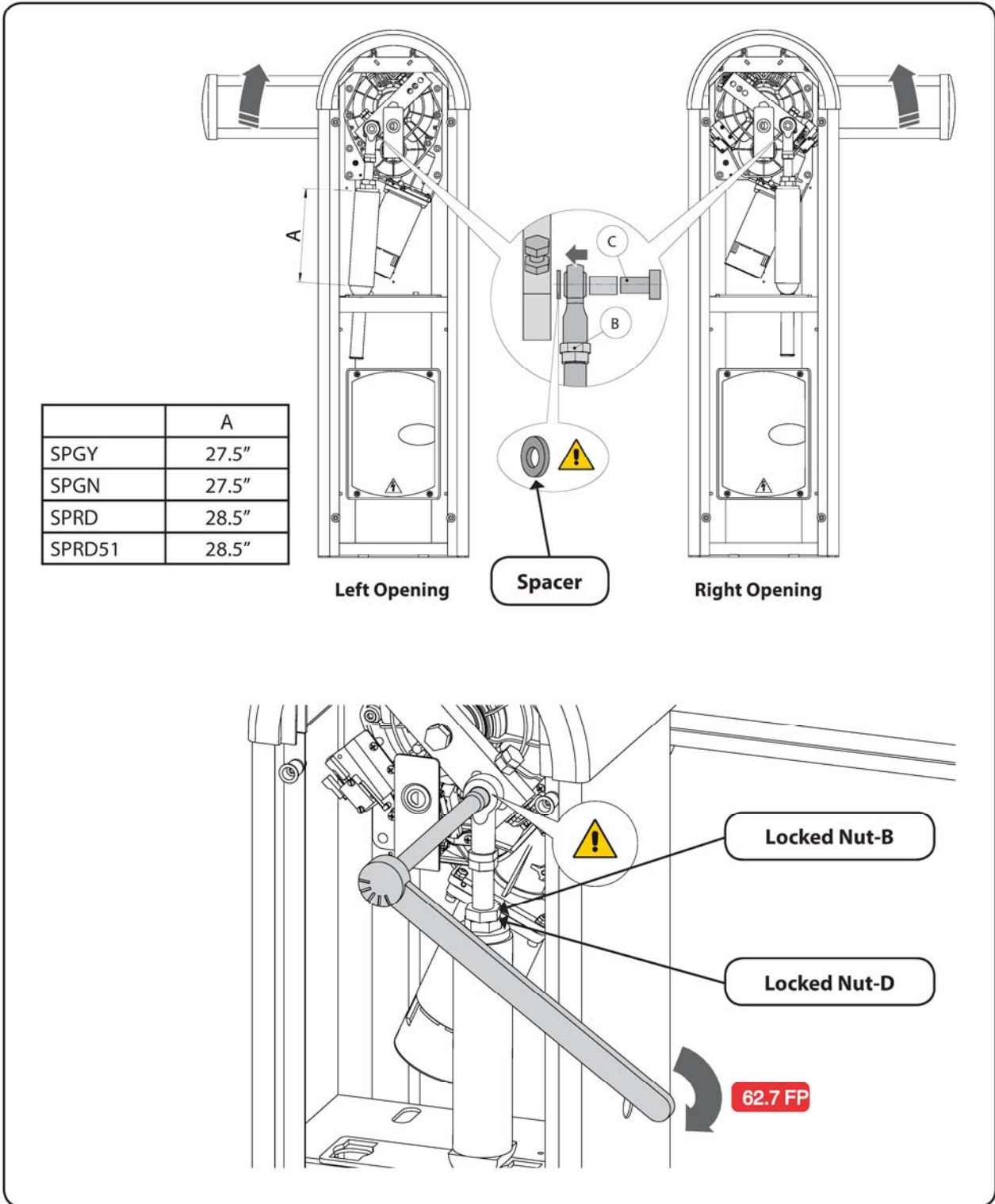


PL (Feet)			
4-5.5	SPGY	/	/
5.5-6.5	/	SPGY	/
6.5-8.2	SPGN	/	/
8.2-9.9	/	SPGN	/
9.8-11.50	/	/	SPGN
11.50-14.80	SPRD38	/	/
14.80-17	/	SPRD38	/
17-19	/	SPRD51	/



PL (Feet)			
6.0-6.5	/	/	SPGY
6.5-8.2	SPGN	/	/
8.2-9.5	/	SPGN	/
9.5-10.5	/	/	/
10.5-13.4	SPRD38	/	SPGN
13.4-15.7	/	/SPRD38	/
15.7-19	/	SPRD51	/

PICTORIALS FOR REFERENCE



MECHANICAL INSTALLATION

**1 Barrier Chassis Installation:**

Use four anchors to mount the barrier chassis to the concrete floor. please see page 9.

**2 Barrier Arm Installation:**

Manually release the barrier motor (see page 30)

Choose the correct opening direction installation as shown in page 12.

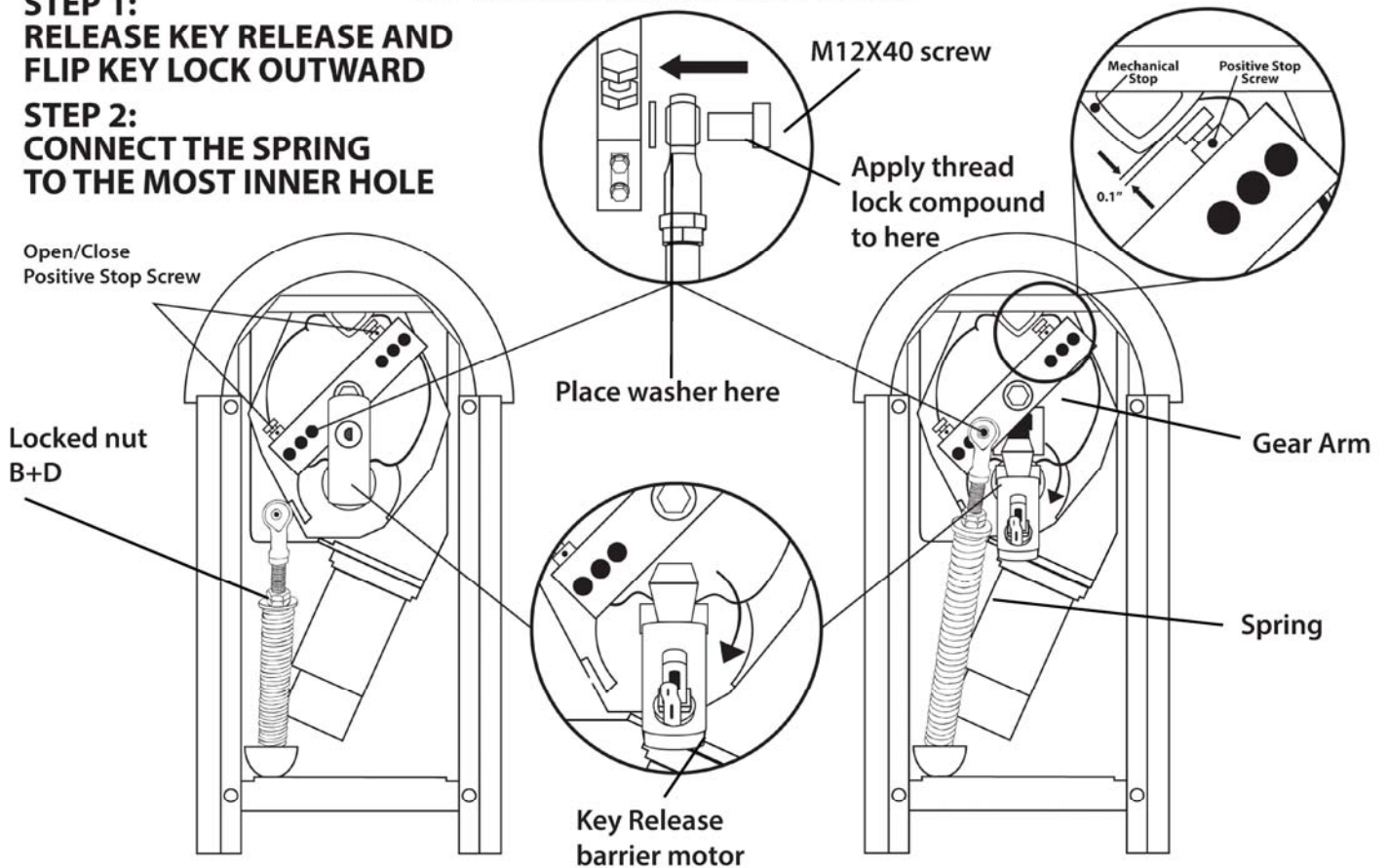
Install the arm as shown in page 10.

Adjust the opening and closing Positive Stop Screws to contact the opening and closing Mechanical Stop Bracket when the barrier arm is at fully opening position and fully closing position respectively.

**SRPING MOUNTING INSALLATION**

**STEP 1:  
RELEASE KEY RELEASE AND  
FLIP KEY LOCK OUTWARD**

**STEP 2:  
CONNECT THE SPRING  
TO THE MOST INNER HOLE**



## SPRING MOUNTING

- 1 Manually release the barrier motor ( see page 30)
- 2 Choose the correct spring and select the correct hole position on the gear arm. Release the motor and place the barrier arm in vertical fully opening position. Insert the spring in the correct position. With bottom end of the spring situated, fasten the opposite side of the spring. Assemble the spring using special screw M12X40, apply thread locking compound and tightly fasten the spring to the gear arm. See page 13

## BALANCING THE ARM

- 1 Using the nuts (B and D, shown on page 12) positioned above the spring, compress the spring until the arm is balanced in a position of  $10^{\circ}$  to  $30^{\circ}$  degree to the floor (in this position, the barrier arm must remain still, and point slightly upwards. Recommended spring length is 28.5"

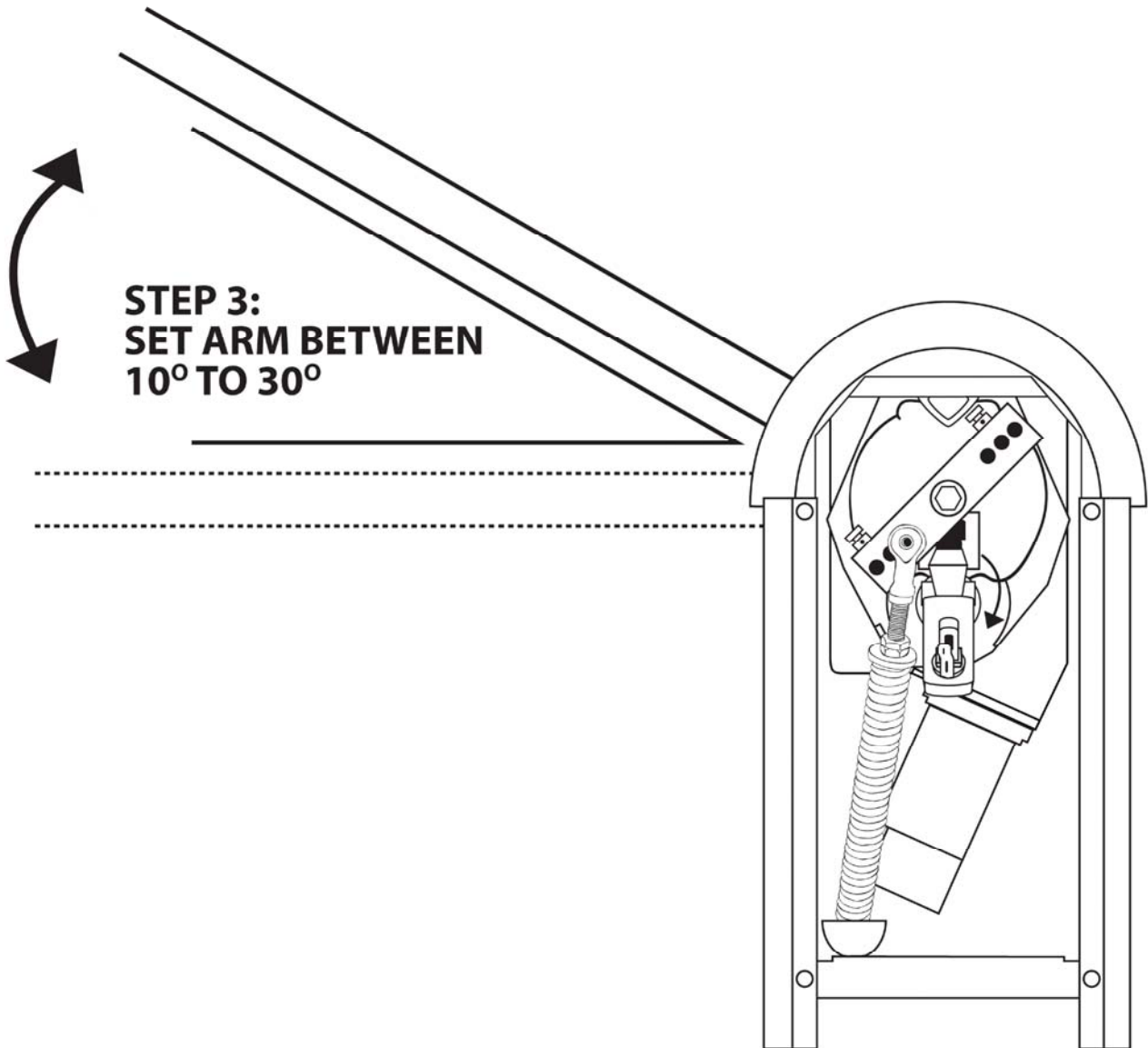
**Warning:** Using the table from page 12 as reference, determined the measurement A for the strut that is being used, make sure that measurement A is obtained when compressing the spring on the strut.

- 2 Lastly, tighten the locked nut(B) (see page 12)

**Warning:** never use the force of the motor to support the weight of the arm. Always use the balancing spring to support the arm.

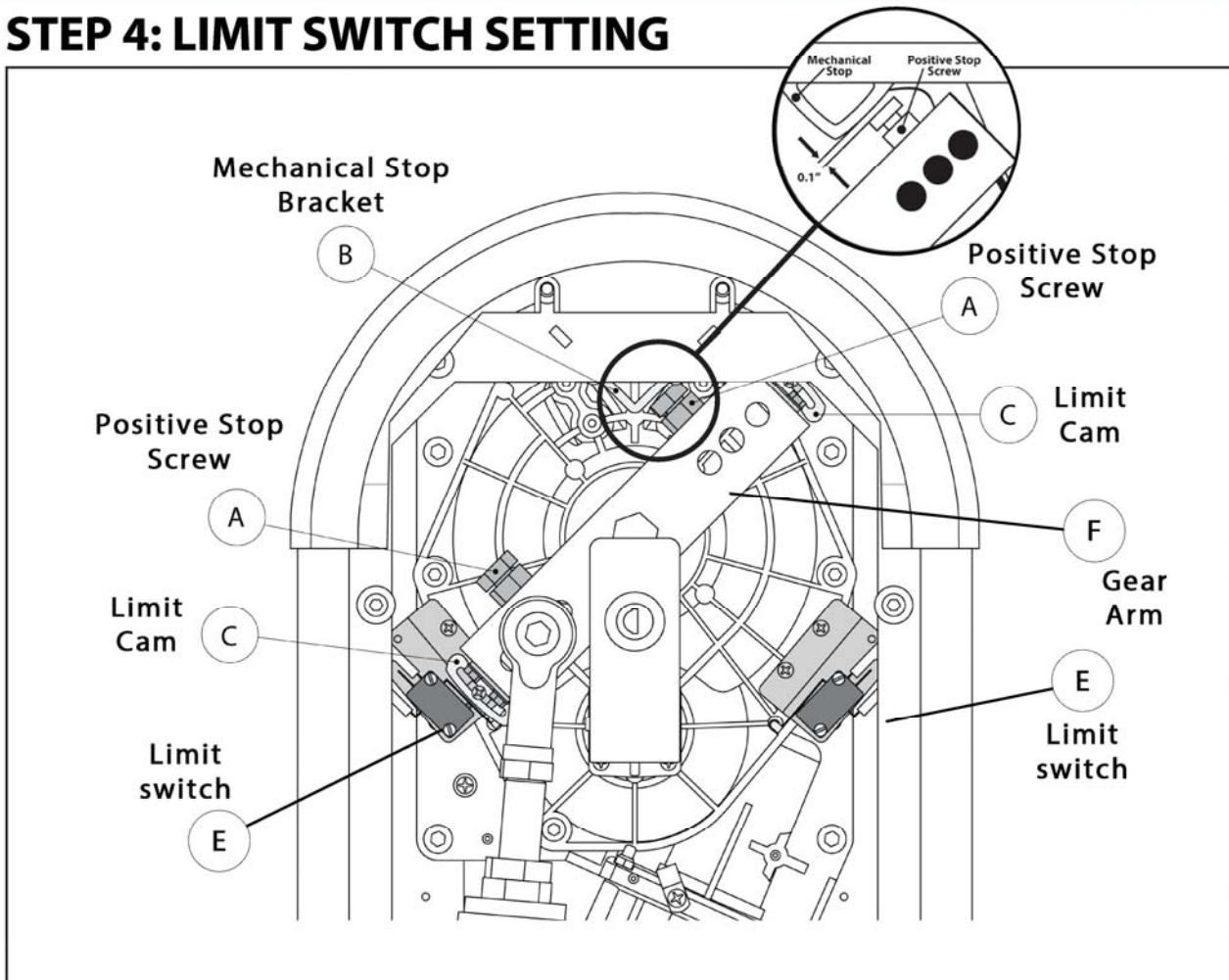


Balancing the ARM



LIMIT SWITCH ADJUSTMENTS FOR THE OPENING AND CLOSING POSITION

**STEP 4: LIMIT SWITCH SETTING**



- Adjust the opening and closing position of the barrier arm using the special screws [A].
- Adjust the opening and closing limit switches using the cams [C]
- Switches are activated approx. 0.1". before the positive stop screw makes contact with the mechanical stop [B] bracket

**NOTE:** It is very important to set the two limit switch CAMS correctly in order to help the motor last a lot longer. Limit switch must be activated first before the positive screw contacts the mechanical stop Bracket-B

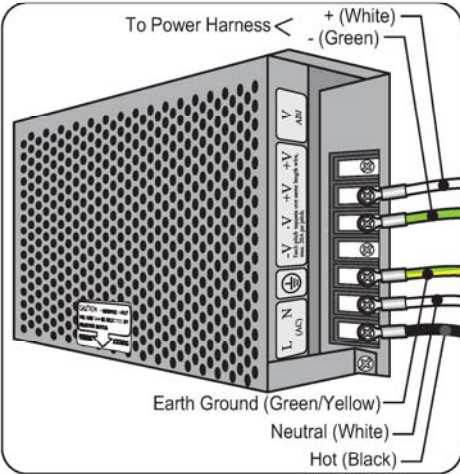
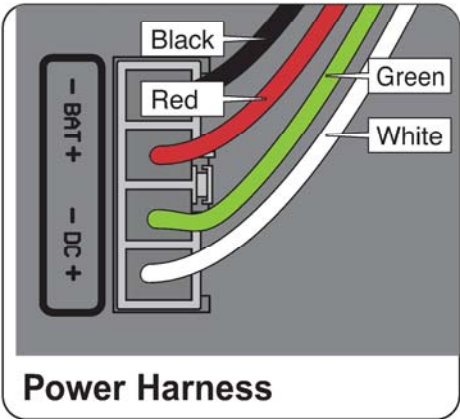
ELECTRICAL POWER SOURCE CONNECTION (TO CIRCUIT-BOARD)

**WARNING – Verify the installation first to make sure everything is correct before connecting the power cable to the board. USE MIN. 14 AWG WIRE. FOLLOW ALL LOCAL ELECTRICAL CODES.**

To help protect the equipment from lightning and power surges and to protect persons from shock hazard the Operator must be grounded. The earth ground rod must be located within 3 feet from the gate operator. Use the proper type earth ground rod for your local area. The ground wire must be a single, whole piece of wire. Never splice two wires for the ground wire. If you cut the ground wire too short, break it, or destroy its integrity, replace it with a single wire length. Prevent unnecessary turns or loops in ground wires.

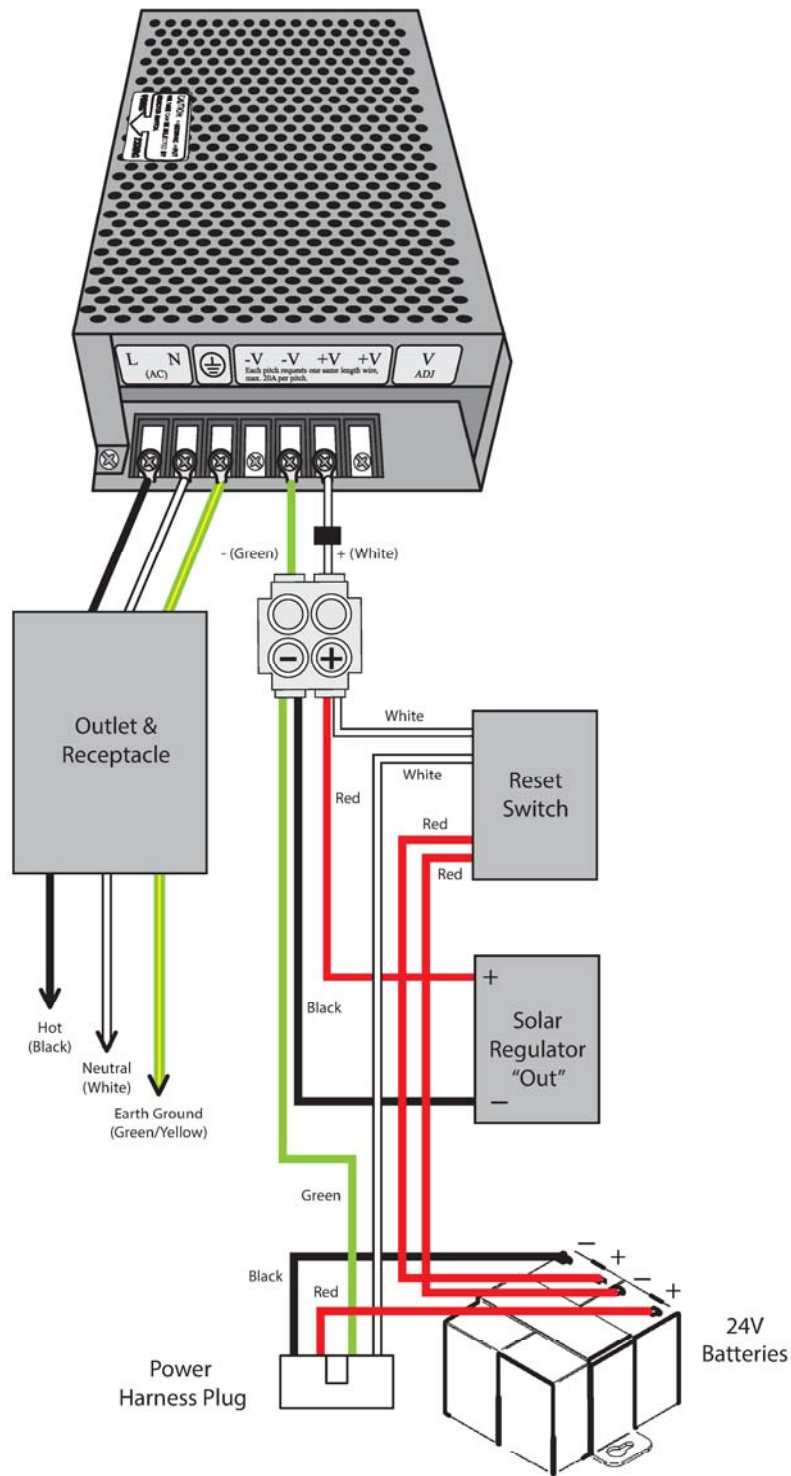
The gate operator and the battery charger require a single phase AC line to operate.

1. Turn off the breaker for the circuit you are using.
2. Select the proper voltage on the power board.
3. Connect the incoming power wires to the proper terminals.
4. Turn on the breaker and check that AC ON and CHARGE LED are lit.



The power receptacle has been left unconnected till the installer decides what voltage to use. Connect to 120VAC only

BATTERY AND POWER SUPPLY CONNECTION DIAGRAM







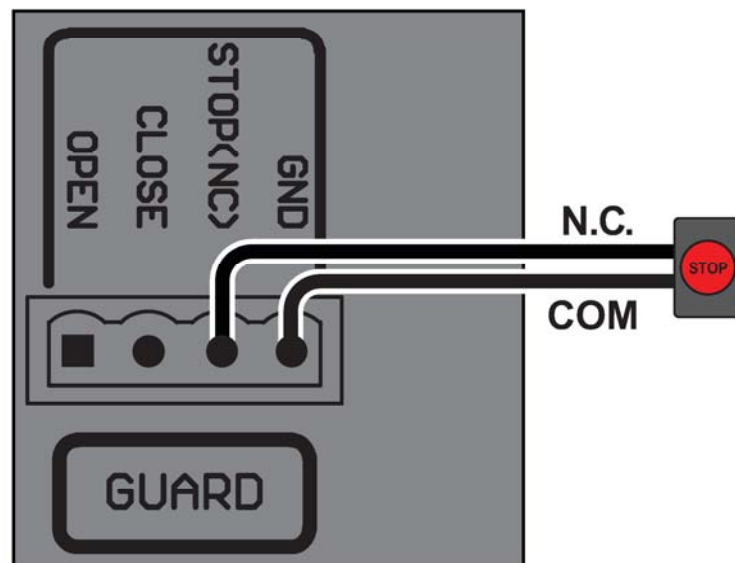
**WARNING** – To reduce the risk of severe injury or death to person, please follow these instructions:

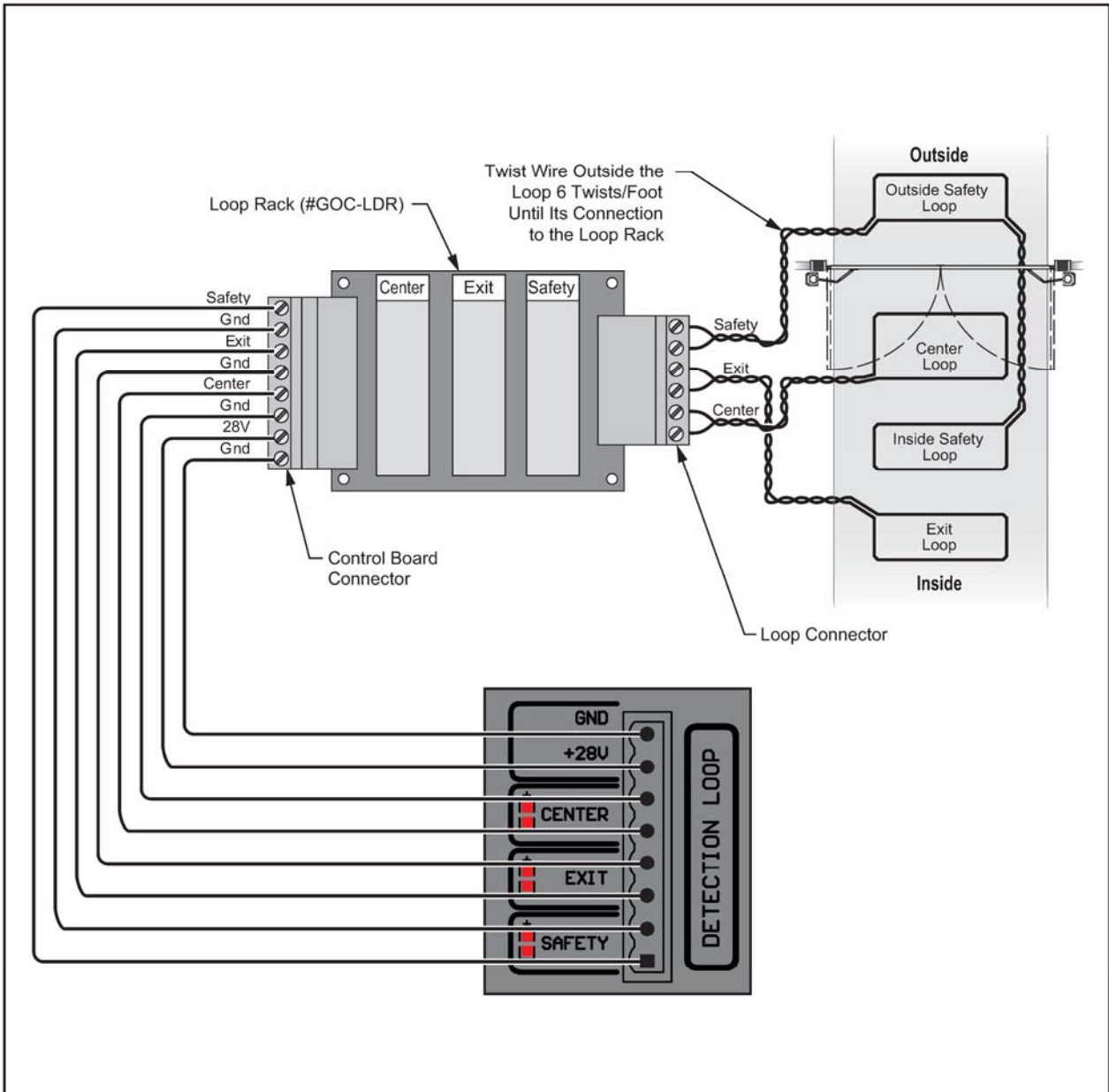
#### **ALARM RESET SWITCH INSTALLATION:** (UL 325 standard requirement)

An alarm shall signal upon two sequential activations of an entrapment protection device, where the first activation is either a Type A or B2 device and the second activation is a Type A device. The alarm shall signal for a minimum of 5 min or until a renewed manual input from an integral control or a permanently mounted control (such as a Stop button) located in the line-of-sight of the gate has been entered. An audio alarm is not required for Classes III and IV.

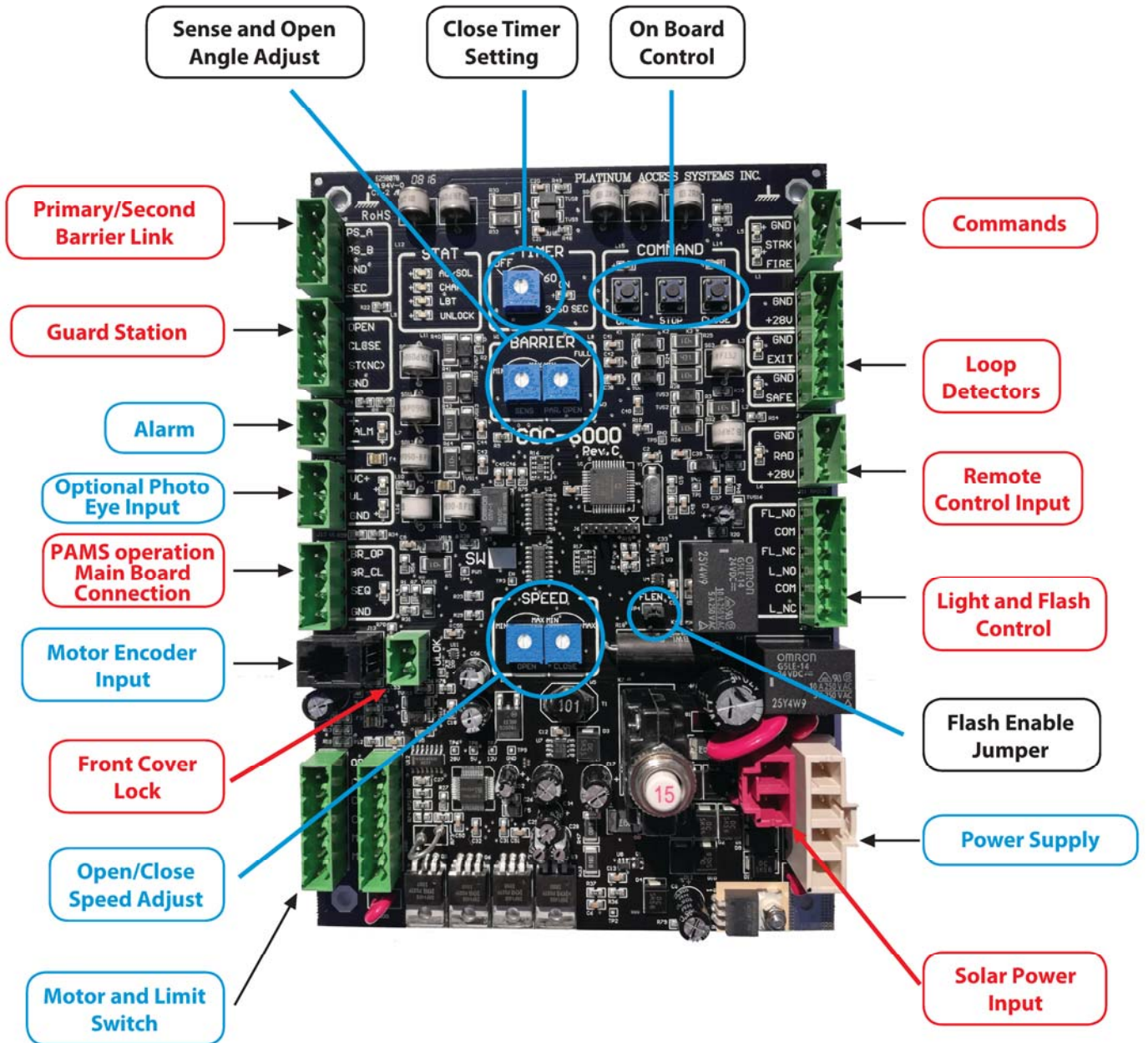
To reset the alarm the Stop command can be given in two different ways.

- 1- The Built in Stop switch on the control board.
- 2- The External Stop button in the line-of-sight of the gate, away from moving parts of the gate and out of reach of children.

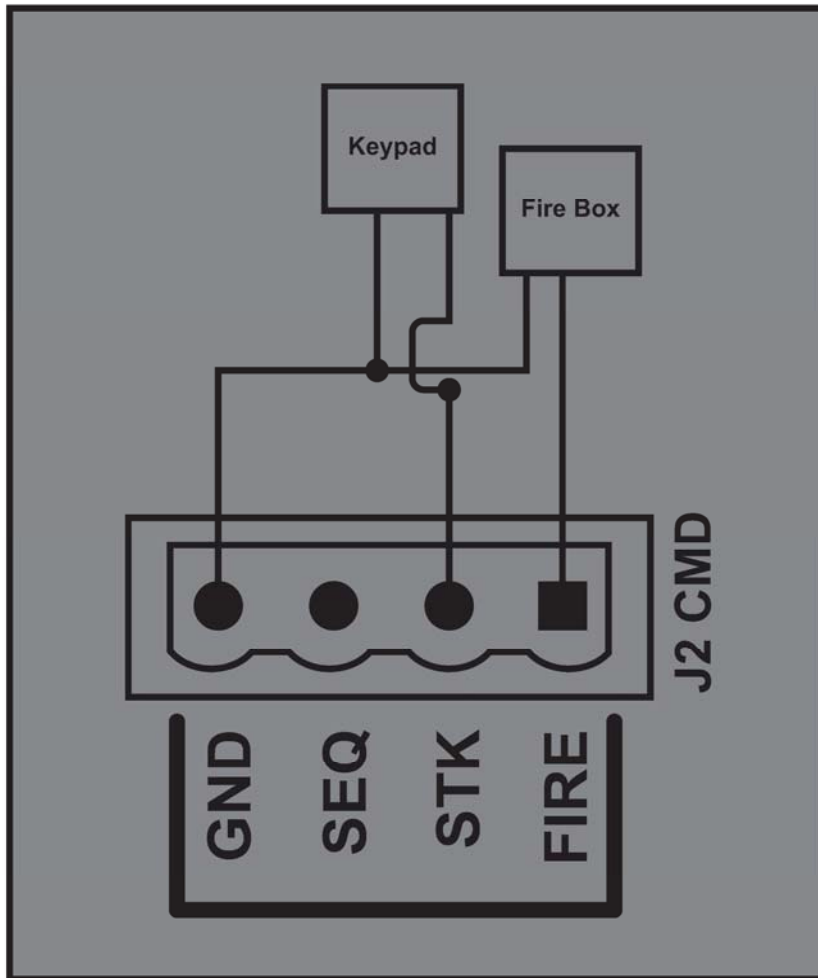




ELECTRICAL CIRCUIT BOARD PICTORIAL LAYOUT



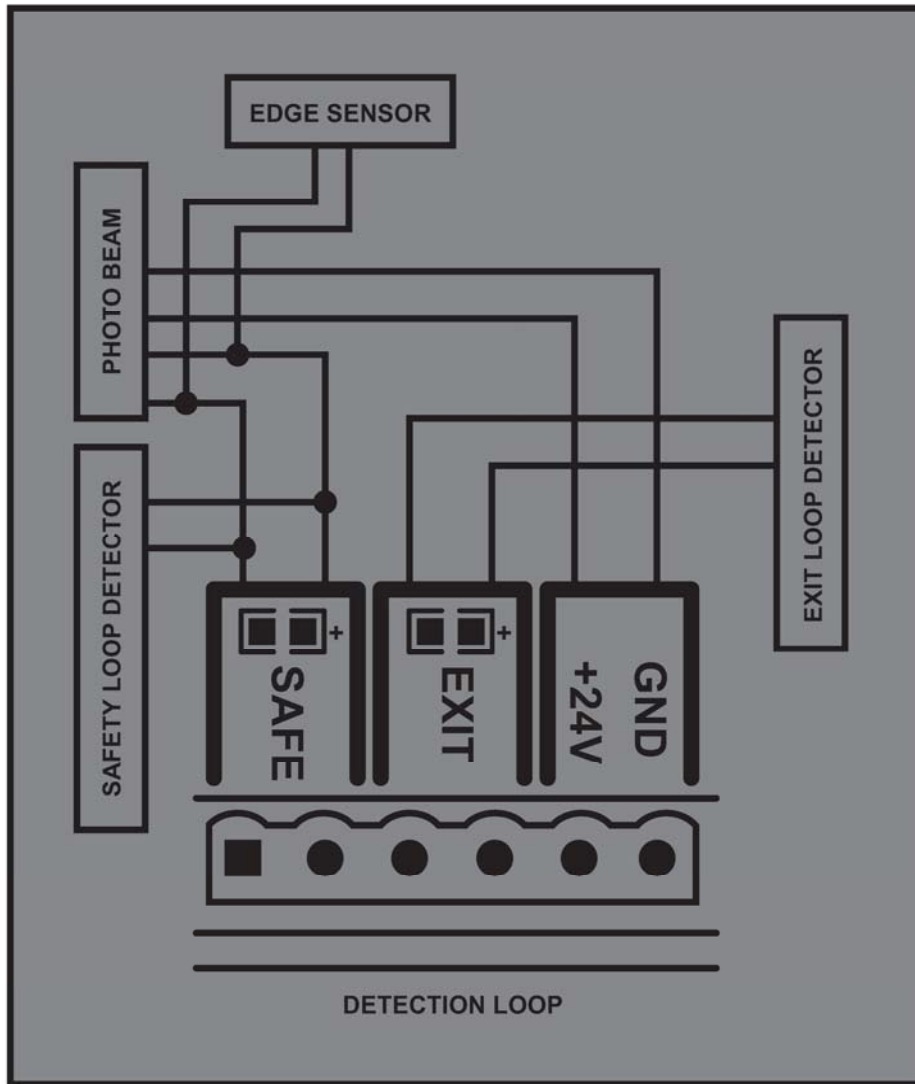
OPEN COMMANDS



COMMANDS		
1	FIRE	Open barrier whenever fire emergency happens
2	STK	Strike open
3	SEQ	Sequential open input (used in barrier /main(Slide/Swing) gate) gate configuration to sequentially open the barrier and main(Slide/Swing) gate)



DETECTION LOOP



To decrease the possibility of vehicle entrapment on the gate. Vehicle loop detectors need to be installed. The edge sensor and the photo-electric beam can be used for secondary entrapment protection on every installation to prevent pedestrian or animal entrapment. These accessories must be UL 325 compliant devices.

RADIO RECEIVER

Radio Receiver

Need to verify the proper connections before connecting the Radio Receiver. The maximum voltage that the control board / battery can provide is about 28V for external accessories. If there is an electrical shot in the power to the accessories, the control board will protect itself by shutting down and will remain shut down until the short is fixed.

Two modes of operation that a radio receiver can control the gate:

**Open-Close**

By having the radio receiver connected as illustrated and with the Timer OFF:

Every command of the radio transmitter will control the gate as follow:

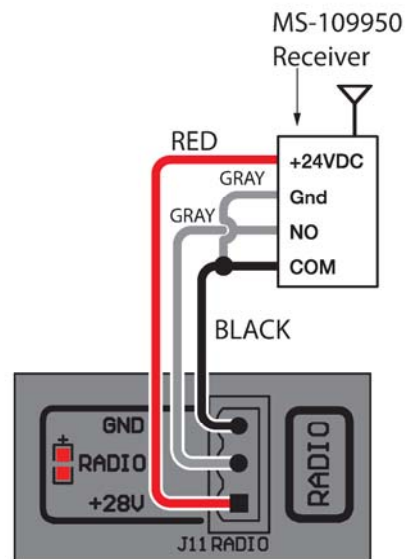
- A. First command opens the gate
- B. Second command CLOSE the gate if at open position
- C. Third command OPEN the gate
- D. Any subsequent commands will continue in the same order to control the gate.

*This type of configuration is not recommended for a commercial installations.*

**Open Only**

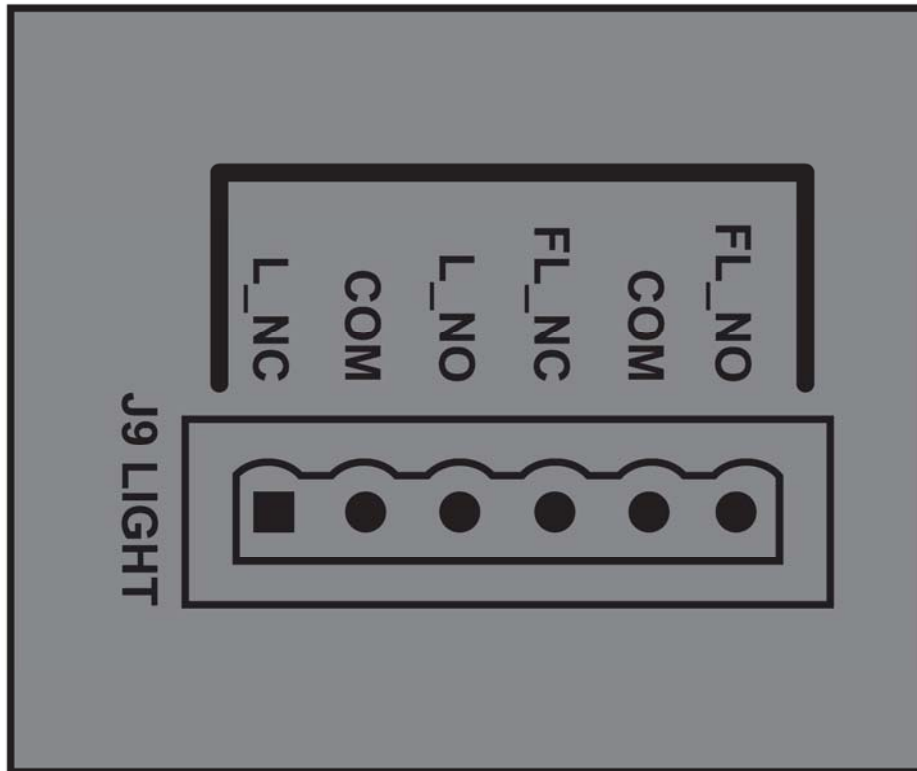
By having the radio receiver connected as illustrated and with the Timer ON:

Each command of the radio transmitter is ALWAYS AN OPEN COMMAND to the gate.



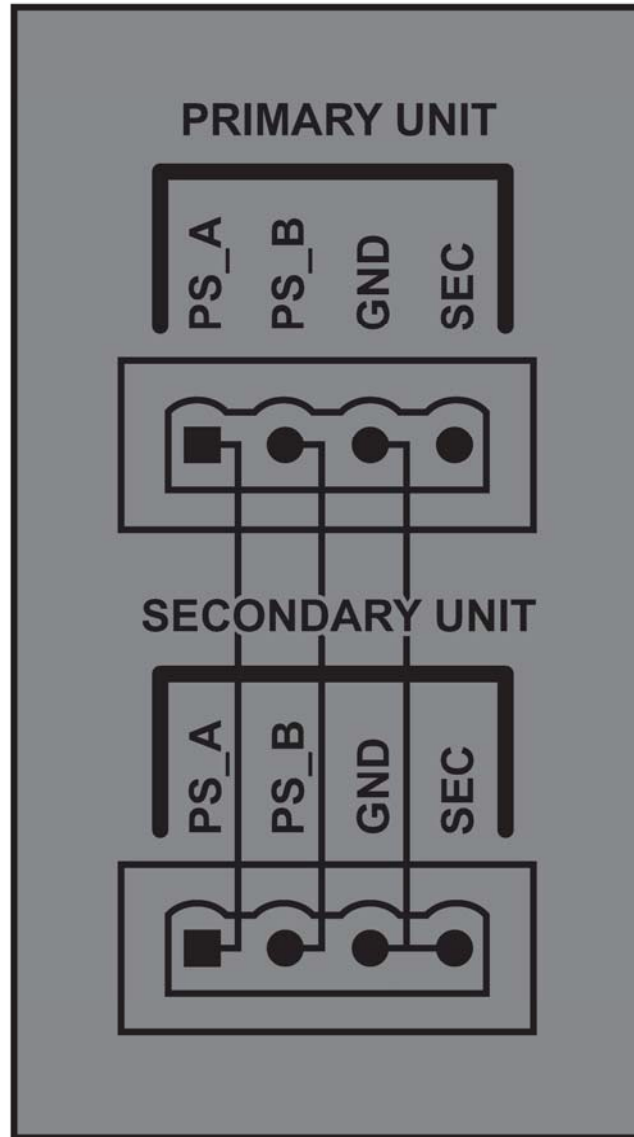
Linear MS-109950 Installation Diagram

LIGHT AND FLASH CONTROL



1. FL\_NO/COM/FL\_NC: This provides NO/NC relay connections for controlling flash lights. The flash is active when the barrier is operating (enable jumper is plugged).
2. L\_NO/COM/L\_NC: This provides NO/NC relay connections for turn on light when barrier is operating or flash when timer is running.

PRIMARY/SECONDARY

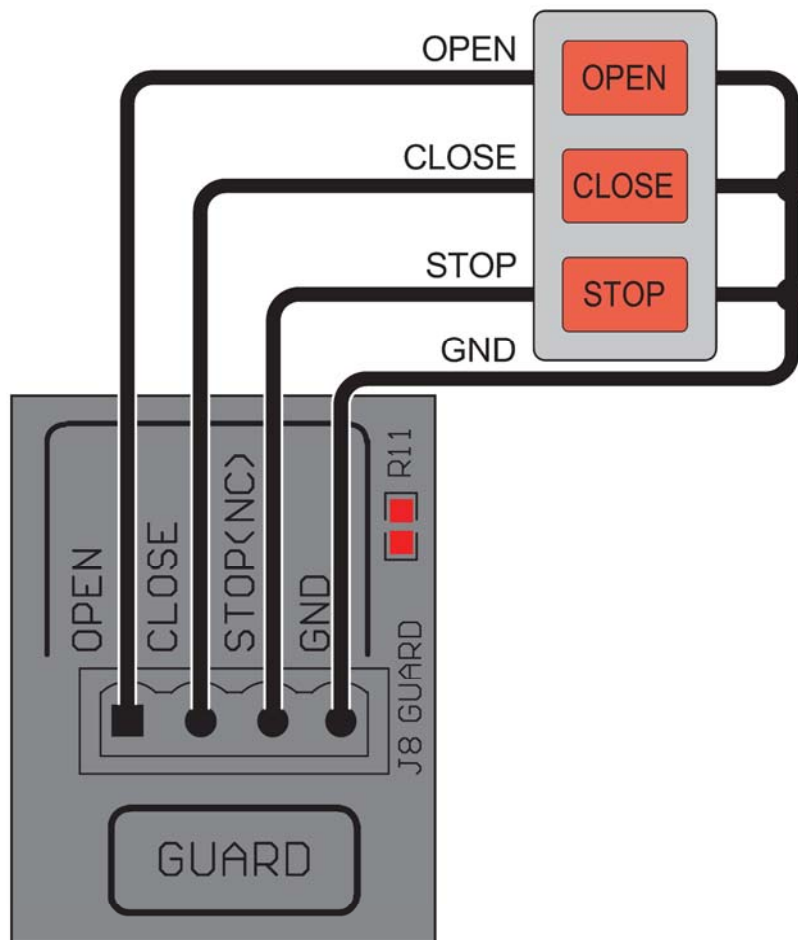


You can setup the Primary/Secondary connection as shown below.

- Primary PS\_A → Secondary PS\_A
- Primary PS\_B → Secondary PS\_B
- Primary GND → Secondary GND



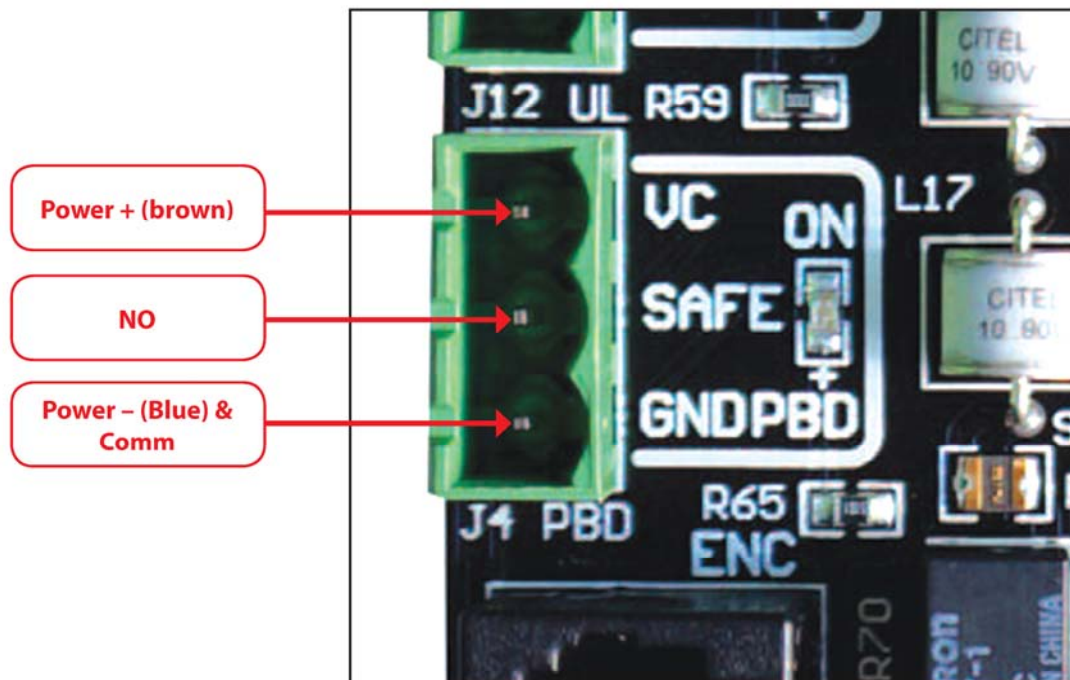
GUARD STATION



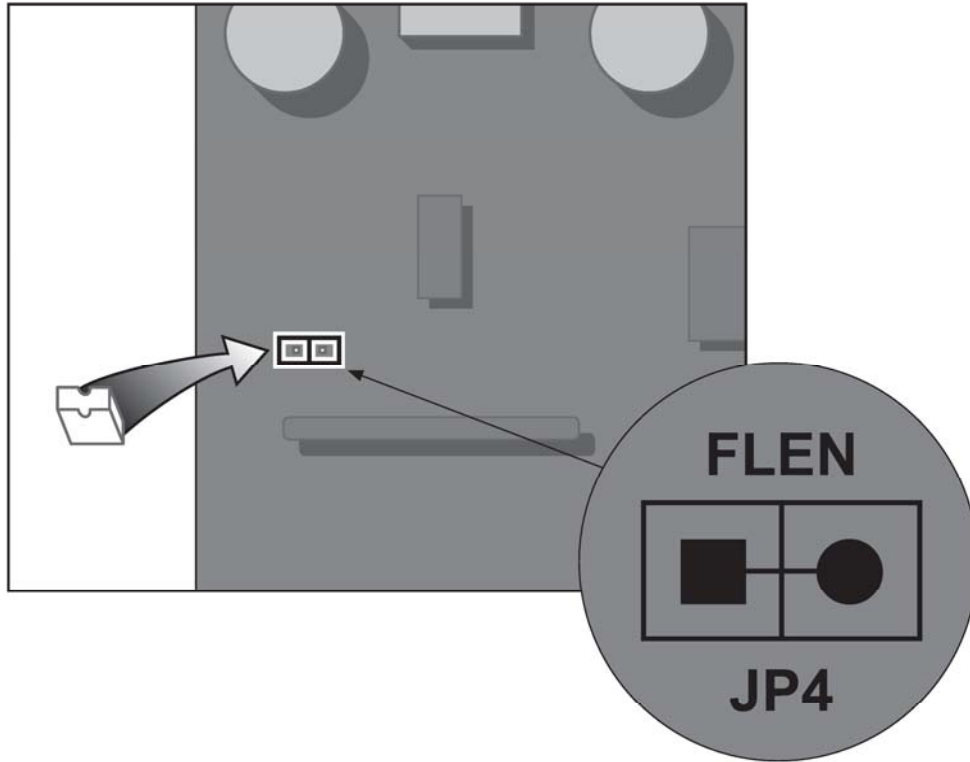
This will control the gate operator to Open, Stop, and Close the gate. The switches for Open and Close must be normally open type. The switch for Stop must be normally close type. They all can be using the same common ground. The control switch box should be within sight of the gate, out of reach of children, and away from moving parts of the gate.

If no guard station or STOP switch is installed, a jumper must be inserted between "STOP(NC)" and "GND" pins.

OPTIONAL: PHOTO EYE SENSOR INSTALLATION

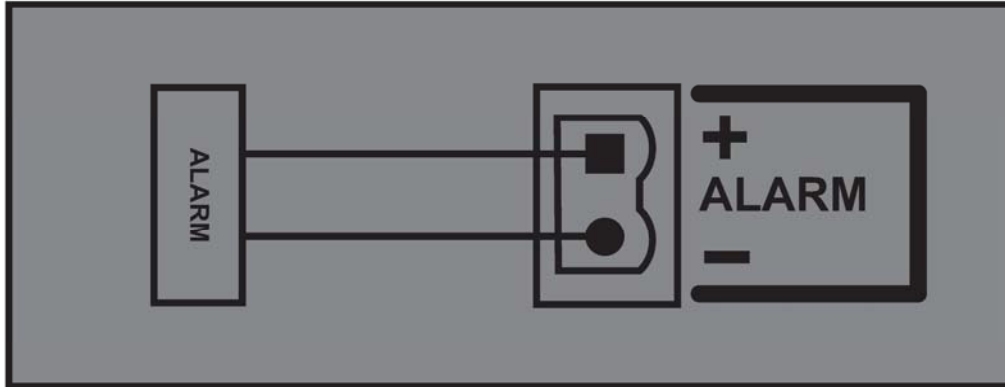


OPTIONAL: FLASH ENABLE JUMPER



Short JP4 pin to make the LED light flash.

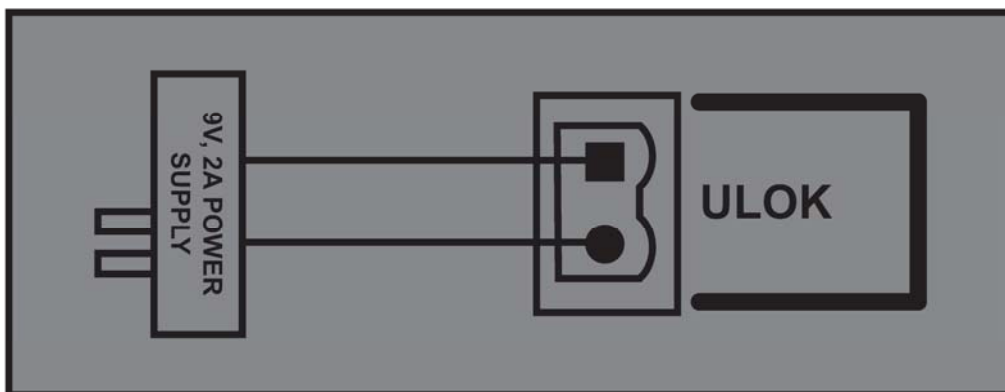
ALARM



**FUNCTIONALITY:**

1. built in internal alarm, that automatically sounds off when something is wrong

FRONT DOOR LOCK(ULOK)



**FUNCTIONALITY:**

1. on/off red light to indicate on the electrical circuit board whether the barrier arm is lock or not
2. In addition, is associated with the Front Cover Lock component and its functionality

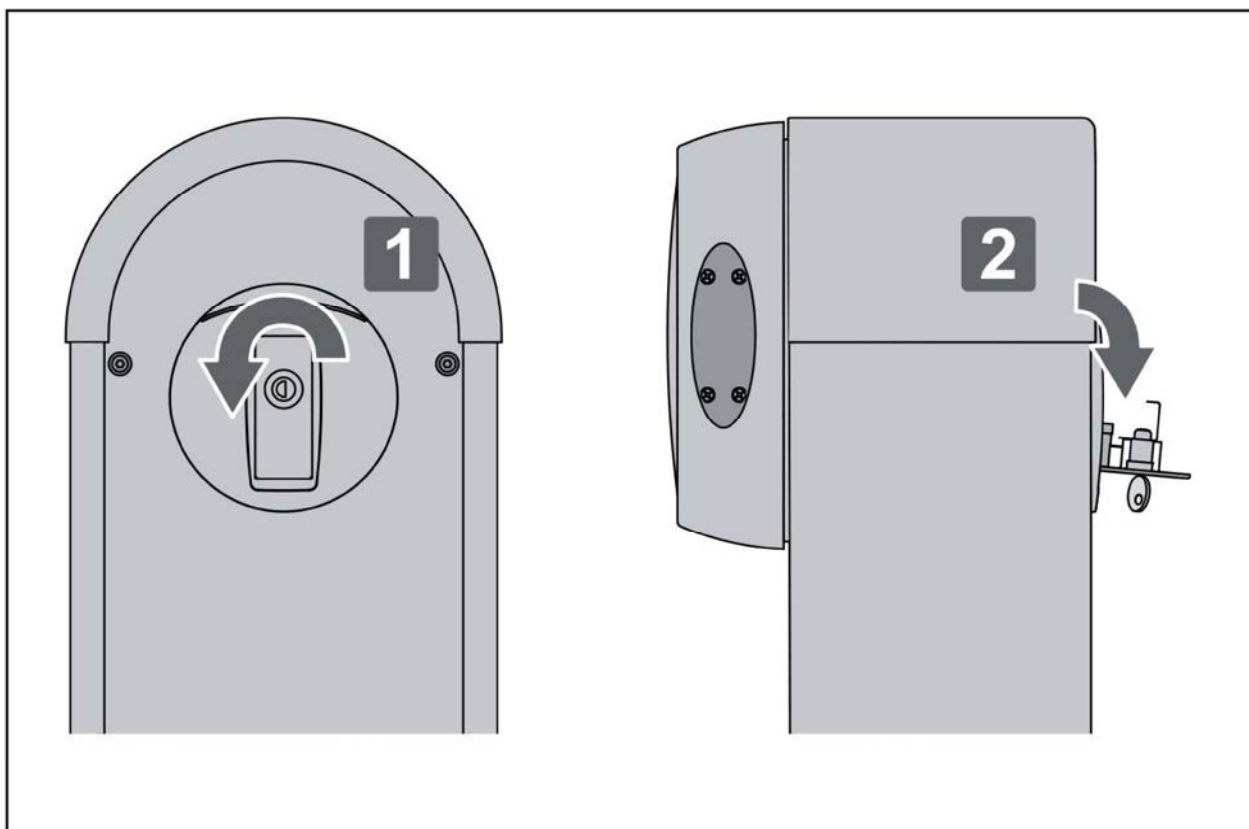


OPEN, STOP, CLOSE (COMMAND ON CIRCUIT BOARD)



Using Open, Stop, Close onboard button to Open, Stop, or Close the arm respectively.

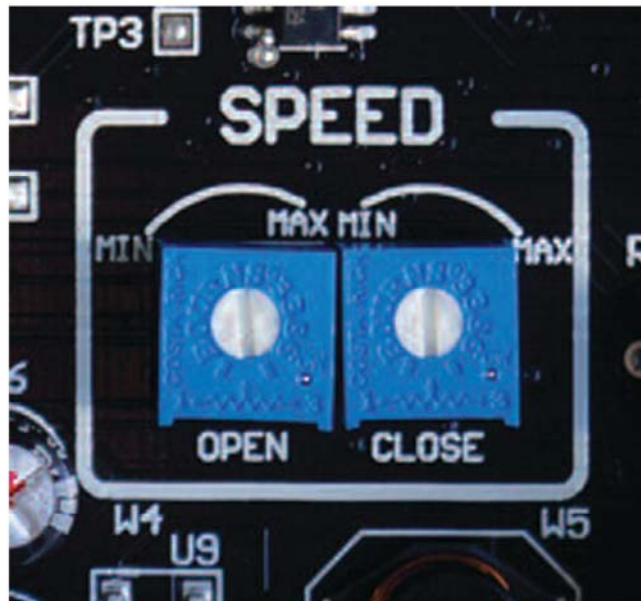
MANUAL RELEASE



In the event of a fault or power failure, insert the key, turn it counterclockwise and completely open the hatch. Manually open the barrier. To put in use the barrier again, close the hatch, turn the key clockwise and remove the key.

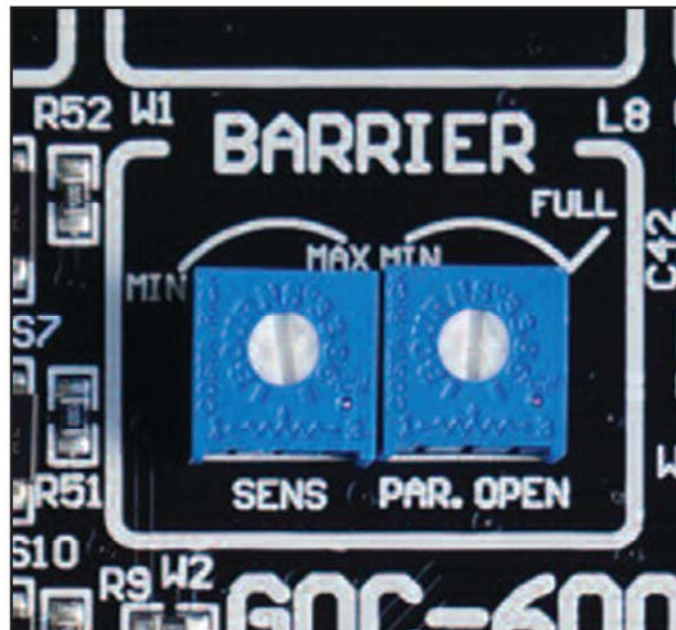
**WARNING:** do not release with the springs under tension without rod. Perform rod locking and release with the motor switched off. Do not enter the operating range of the rod. When the barrier is released, the rod may move of its own accord. When the hatch is closed but the key is still horizontal, the release micro switch is open and all the operations are stopped. To deactivate the barrier, the power supply must be removed and the batteries disconnected (if present).

ARM SPEED



Used to Adjust Barrier Up and Down Speeds

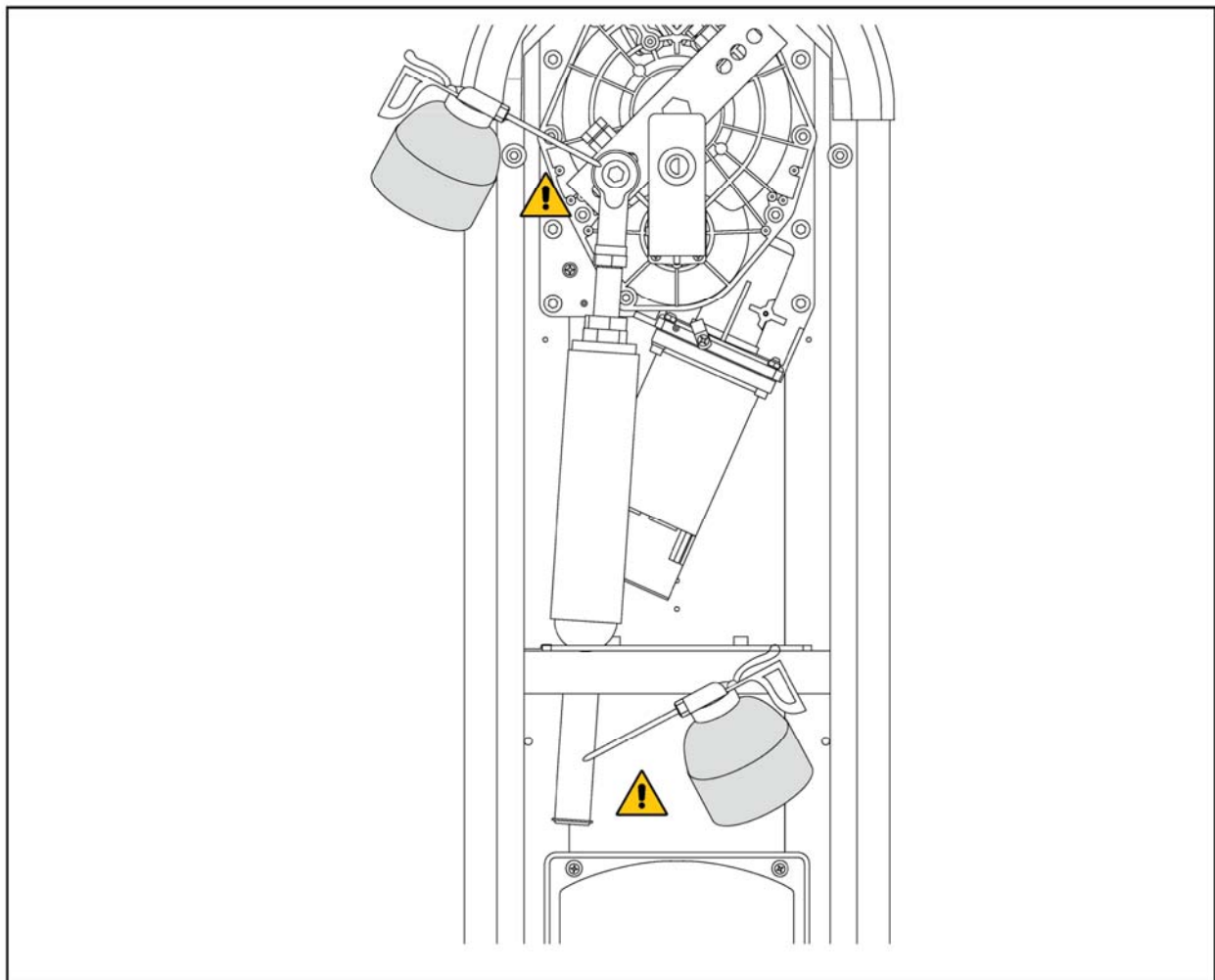
## OBSTRUCTION/INSTANT REVERSING SENSOR



The Obstruction Sensor needs to be adjusted to compensate for the installation and gate weight. The overload adjustment is provided to set the gate sensitivity.

- a) If the gate reverses by itself or stops in midcycle, it is too sensitive.
- b) If the gate hits an object and does not reverse or stop, it is not sensitive enough.
- c) Clockwise increases sensitivity, counterclockwise decreases sensitivity. Test and adjust for proper reversing pressure





Perform the following operations and checks every 6 months according to intensity of use of the automation. Disconnect the power supply connection and batteries (if present):

- Clean and oil the levers and check nuts and screws are well tightened.
- Clean and grease the joint and the spring-post as shown in the figure.
- Check the electrical connections.
- Check that the manual release is operating correctly.
- Check that the rod is balanced correctly.  
Check the value of the capacity of the motor condenser.

Reconnect the power supply connection and batteries (if present):

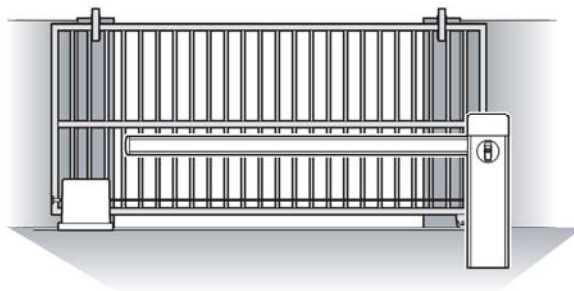
- Check that the limit switches are working correctly:
- Check that obstacle detection is operation correctly.
- Check that all control and safety functions are working correctly.

## OPERATION

The Barrier Arm operation can be synchronized with an existing Gate Operator.

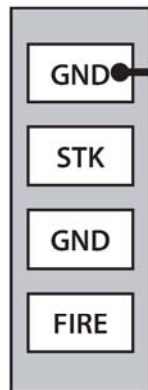
**Important:** The Platinum Access Barrier Operator only works with Platinum Access Slide or Swing Gate Operators.

1. The Barrier Arm receives an open command from your access control
2. The Barrier Arm remains closed and sends an "open signal" to the synchronized operator.
3. The Barrier Arm will open once the synchronized operator reaches its open limit.

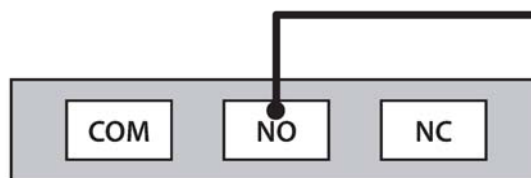
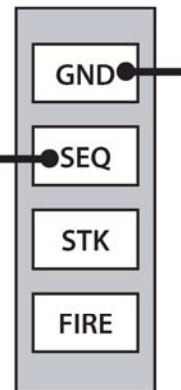


## CONNECTIONS

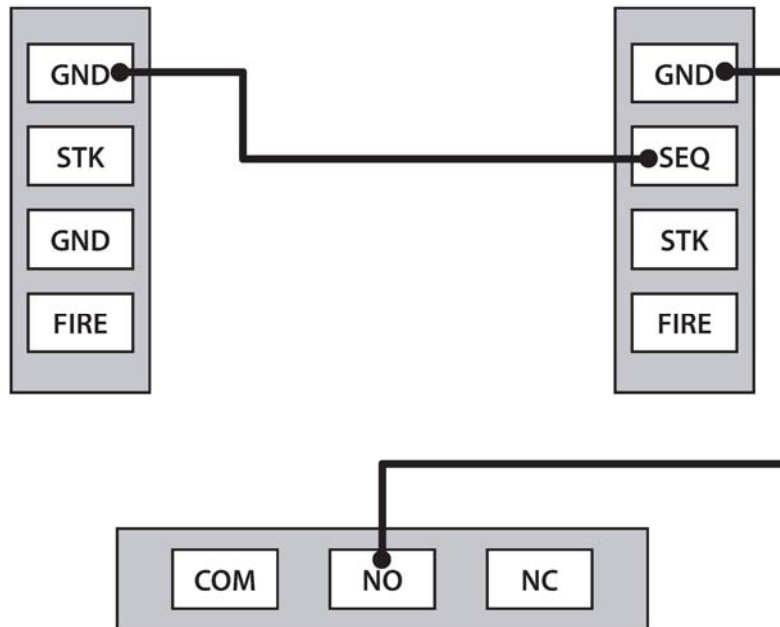
Swing/Slide Gate Operator



Barrier Gate Operator



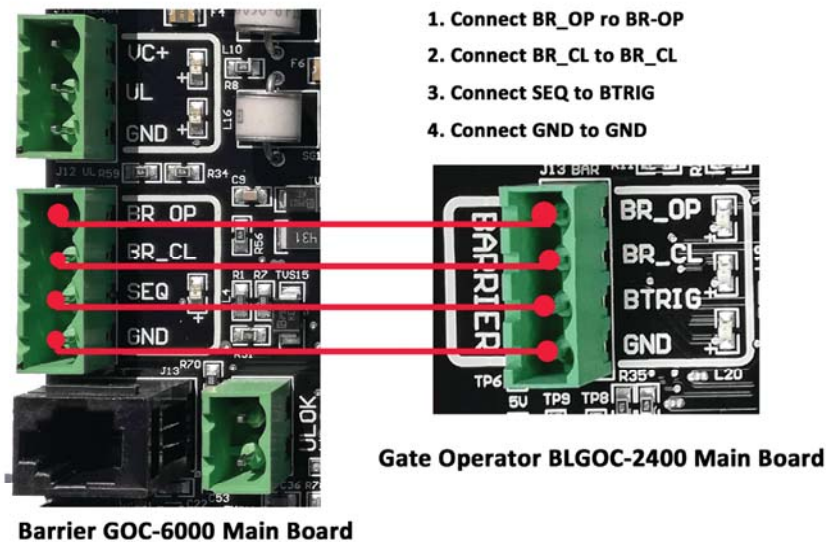
Swing/Slide Gate Open Limit Switch



## OPERATION

- A. Rest Sequential Mode for the barrier:**
1. Power Off the main board completely.
  2. Wait for 6 seconds, next press and hold down STOP button when power up the main board. Release the STOP button after the unit has been powered up for 8 seconds. Now the Sequential Mode is set to original mode.
- B. Turn Off AUTO OPEN Mode for the barrier:**
1. Power Off the main board completely.
  2. Wait for 6 seconds, next press and hold down OPEN button when power up the main board. Release the OPEN button after the unit has been powered up for 8 seconds. Now the AUTO OPEN Mode is turn OFF.
- C. Turn on AUTO OPEN Mode for the barrier:**
1. Power Off the main board completely.
  2. Wait for 6 seconds, next press and hold down CLOSE button when power up the main board. Release the CLOSE button after the unit has been powered up for 8 seconds. Now the AUTO OPEN mode is turn ON.

## PAMS SETUP WIRING DIAGRAM CONNECTIONS



### Set Sequential Mode For Barrier BP19

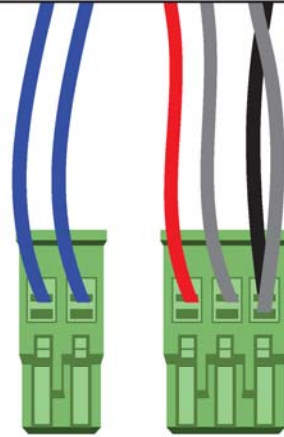
1. Power Off GOC-6000 main board completely.
2. Wait for 8 seconds, next press and hold down STOP button when power up the GOC-6000 main board. Release the STOP button after unit has been powered up for 8 seconds. Now the Sequential Mode is set.

### BP19 Barrier And BLGOC-2400 Board PAMS Setup Wiring Diagram

## PL-JS-181 Receiver Installation & Program Procedure

### PLATINUM RECEIVER PL-JS-181 INSTALLATION:

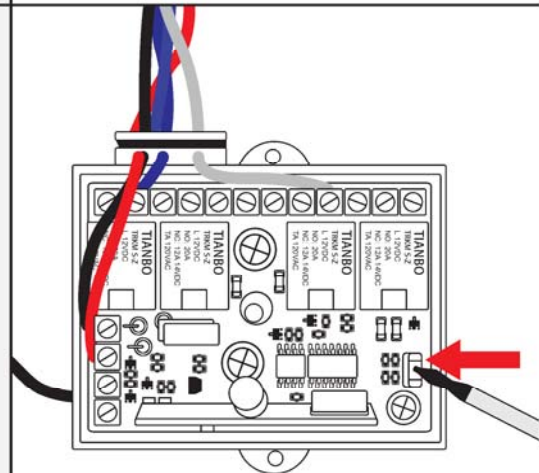
1. Connect two blue wires to the RESET, J15, 2-Pin green connector on the board if apply.
2. Connect Red , Black, and two Grey wires to RADIO J11 in the following way:
  - Connect Red wire to +28V
  - Connect one Grey wire to RAD
  - Connect Black wire and the other Grey wire to GND.



Receiver Wire Connection Picture 1

### PROGRAMMING THE PL-JS-181 RECEIVER TO WORK WITH THE PL-RC-C1 TRANSMITTER:

1. Open the Receiver by taking off the screw on the bottom side of the receiver.
2. Press down and then release the K1 tactile switch which located at the corner that near the silver crystal in the receiver. The LED will turn in green. Then press down and hold button #1 on the Platinum Transmitter PL-RC-C1 for 3 seconds.
3. The Receiver LED will be flashing once it has learned the Transmitter code successfully.
4. Wait for about 5 seconds. Then press button #1 on the Transmitter to confirm the transmitter works with the receiver. If not, then repeat step 2 to step 4 to make it works.
5. Repeat step 2 to step 3 to program the other three transmitter buttons if need.



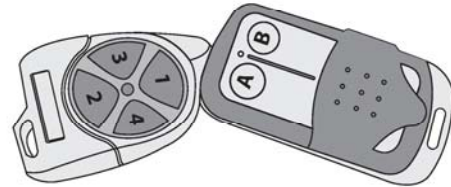
Location of the Tactile Switch in the  
PL-JS-181 Receiver



## PL-JS-181 Receiver Installation & Program Procedure

### PROCEDURE TO MAKE THE TRANSMITTER PL-CRC-I11 TO COPY THE TRANSMITTER PL-RC-C1 CODE:

1. Press down both buttons in the same time on the PL-CRC-I11 transmitter and hold it till the blue LED flashing for 3 seconds (It takes about 13 seconds totally).
2. Next bring both transmitters PL-RC-C1 and PL-CRC-I11 close to each other. Make sure the transmitter PL-RC-C1 antenna is touching the transmitter PL-CRC-I11 top surface.
3. Press down PL-CRC-I11 transmitter "A" button and hold it. Then press down the PL-RC-C1 #1 button. The PL-CRC-I11 blue LED will flash a few times once it has learned the code successfully.
4. Repeat step 2 to Step 3 to make the PL-CRC-I11 button "B" to learn the #2,#3, or #4 button code from the PL-RC-C1 transmitter.



PL-RC-C1  
Transmitter

PL-CRC-I11  
Transmitter

Picture shown the position of the transmitters when using transmitter PL-CRC-I11 to copy the code from transmitter PL-RC-C1

### PROCEDURE TO ERASE THE TRANSMITTER PL-CRC-I11 CODE :

1. Press and hold both button A & button B down until the blue LED flashing for 3 seconds. Normally it takes about 10 seconds.



## Barrier Working Alone Sequential Mode Setup With Down Loop

### Barrier Working Alone Sequential Mode Setup With Down Loop

- Power OFF the GOC-6000 barrier main board.
- Connect the open input device such as Keypad, Card Reader, Radio Receiver, Phone System to SEQ and GND at PAMS Operation Main Board Connection terminal on GOC-6000 barrier main board.
- Connect two loop wires to SAFETY inputs on the loop board.
- Plug in the Loop detector to on the loop board.
- Connect the Motor Encoder to the GOC-6000 barrier main board.
- Connect the Front Cover Lock.
- Connect the Motor and Limit Switch to the GOC-6000 main board.
- Press and hold down STOP button when power up the main board. Release the STOP button after the unit has been powered up for 8 seconds. Now the Sequential Mode is set to original mode.

*In this setup. The barrier arm will go up once someone has activated the Access Control Device. The arm WILL NOT come down until the car has passed the safety loop. In this case, the Safety loop acts like a down loop. If the Timer is set OFF, the barrier arm will come down immediately once a car has passed the down loop. If the Timer is set to ON. Then the barrier arm will delay to come down after the car has passed the down loop*



**Barrier GOC-6000 Main Board**

#### Set Sequential Mode For Barrier BP19

1. Connect SEQ to and GND to Any Access Control Device at below.
2. Connect two Loop Wires to SAFETY Terminal on the Loop Board.

##### Access Control Devices

1. Keypad.
2. Radio Receiver.
3. Phone Entry System.
4. Access Control Device.
5. Card reader.

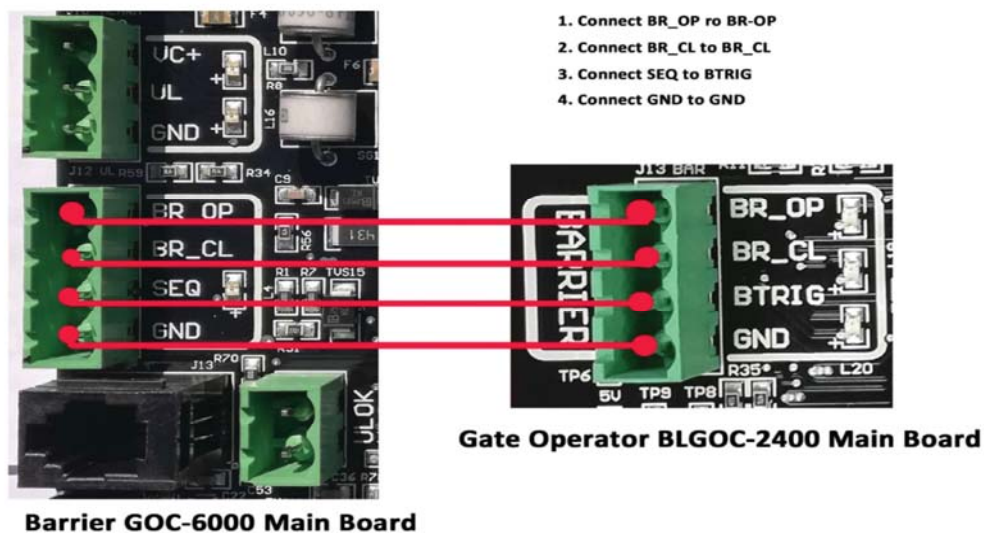
3. Power Off GOC-6000 main board completely.
4. Wait for 8 seconds. Next press and hold down STOP button when power up the GOC-6000 main board. Release the STOP button after unit has been powered up for 8 seconds. Now the Sequential Mode is set.

## PAMS Operation Setup with BLGOC-2400 main board For Entry:

### PAMS Operation Setup with BLGOC-2400 main board For Entry:

- a. Power OFF the GOC-6000 barrier main board.
- b. Using a four conductor cable Connect the GOC-6000 barrier board with the BLGOC-2400 board as shown at above figure.
- c. Connect two SAFETY/DOWN loop wires to SAFETY inputs on the GOC-6000 loop board.
- d. Connect the open input device such as Keypad, Card Reader, Radio Receiver, Phone System to STRIKE and GND on the BLGOC-2400 Main Board.
- e. Plug in the Loop detector to SAFETY connector on the barrier loop board.
- f. Connect the Motor Encoder to the GOC-6000 barrier main board.
- g. Connect the Front Cover Lock.
- h. Connect the Motor and Limit Switch to the GOC-6000 main board.
- i. Reset the BLGOC-2400 main board.
- j. Press and hold down STOP button when power up the main board. Release the STOP button after the unit has been powered up for 8 seconds. Now the Sequential Mode is set to original mode.

### PAMS Setup Wiring Diagram



#### Set Sequential Mode For Barrier BP19

1. Power Off GOC-6000 main board completely.
2. Wait for 8 seconds, next press and hold down STOP button when power up the GOC-6000 main board. Release the STOP button after unit has been powered up for 8 seconds. Now the Sequential Mode is set.

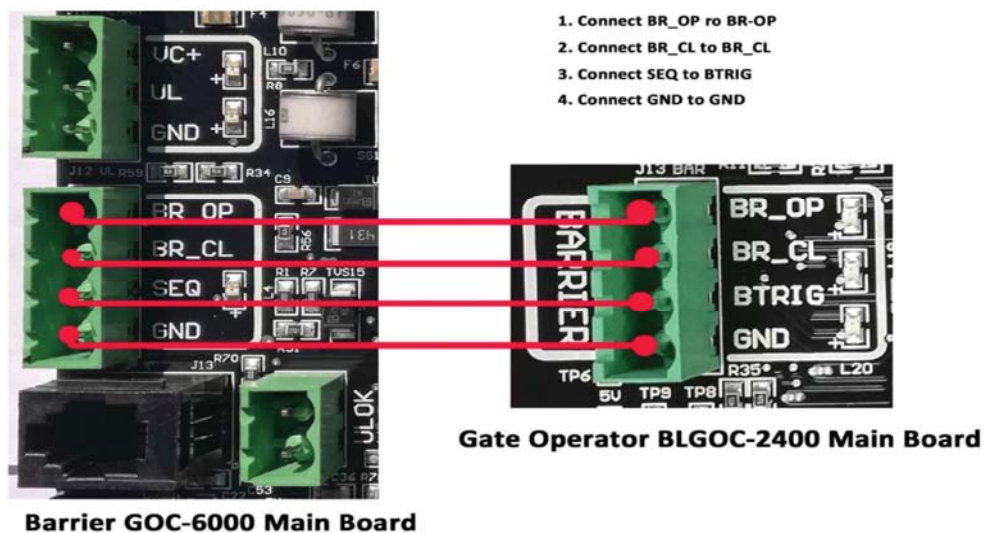
### PB19 Barrier And BLGOC-2400 Board PAMS Setup Wiring Diagram

## PAMS Operation Setup with BLGOC-2400 main board For Exit:

### PAMS Operation Setup with BLGOC-2400 main board For Exit:

- a. Power OFF the GOC-6000 barrier main board.
- b. Using a four conductor cable Connect the GOC-6000 barrier board with the BLGOC-2400 board as shown at above figure.
- c. Connect two SAFETY/DOWN loop wires to SAFETY inputs on the GOC-6000 loop board.
- d. Connect the Exit Loop wires to EXIT and GND on the BLGOC-2400 LDR loop Board.
- e. Plug in the Loop detector to SAFETY connector on the barrier loop board.
- f. Connect the Motor Encoder to the GOC-6000 barrier main board.
- g. Connect the Front Cover Lock.
- h. Connect the Motor and Limit Switch to the GOC-6000 main board.
- i. Reset the BLGOC-2400 main board.
- j. Press and hold down STOP button when power up the main board. Release the STOP button after the unit has been powered up for 8 seconds. Now the Sequential Mode is set to original mode.

### PAMS Setup Wiring Diagram



#### Set Sequential Mode For Barrier BP19

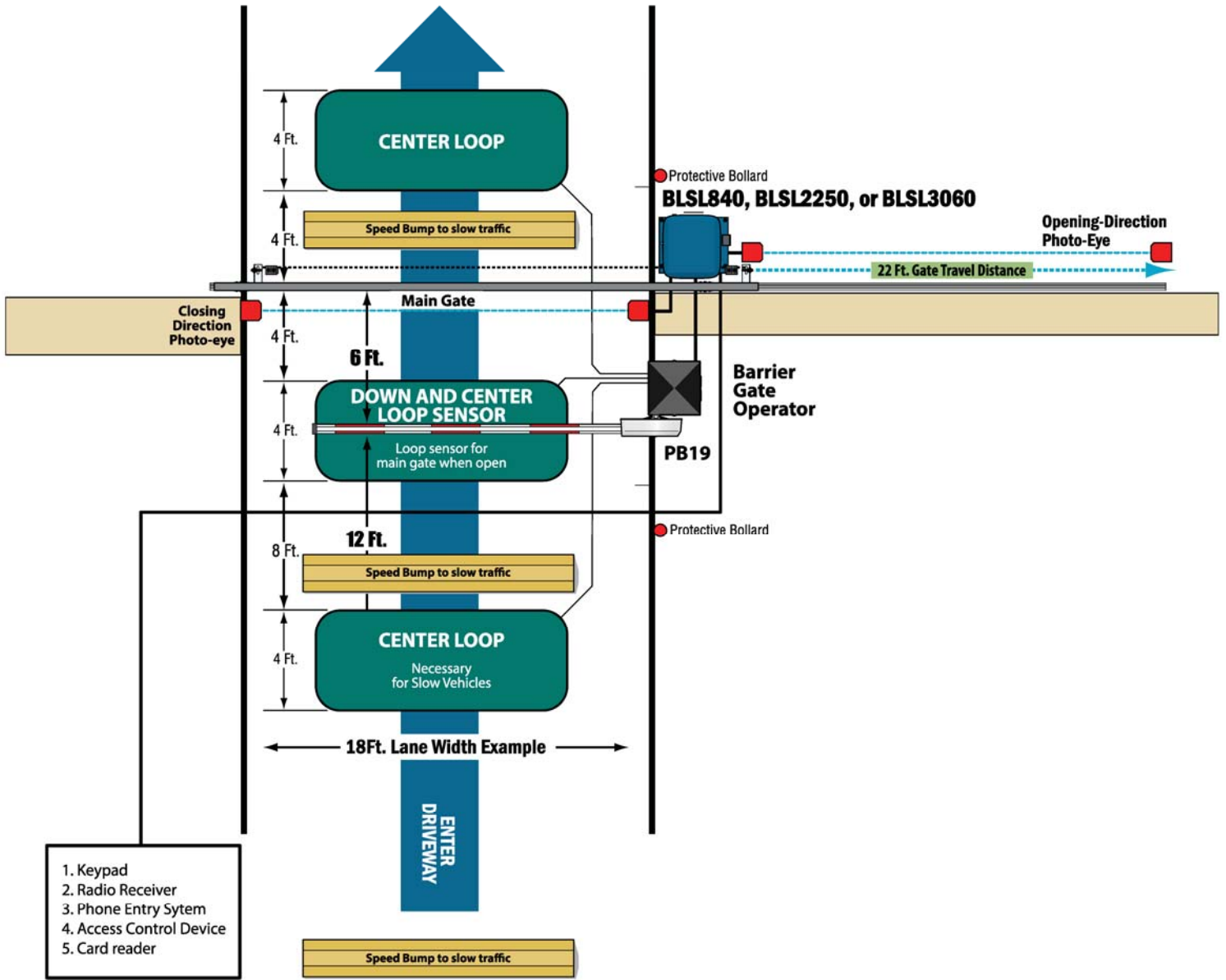
1. Power Off GOC-6000 main board completely.
2. Wait for 8 seconds, next press and hold down STOP button when power up the GOC-6000 main board. Release the STOP button after unit has been powered up for 8 seconds. Now the Sequential Mode is set.

### PB19 Barrier And BLGOC-2400 Board PAMS Setup Wiring Diagram



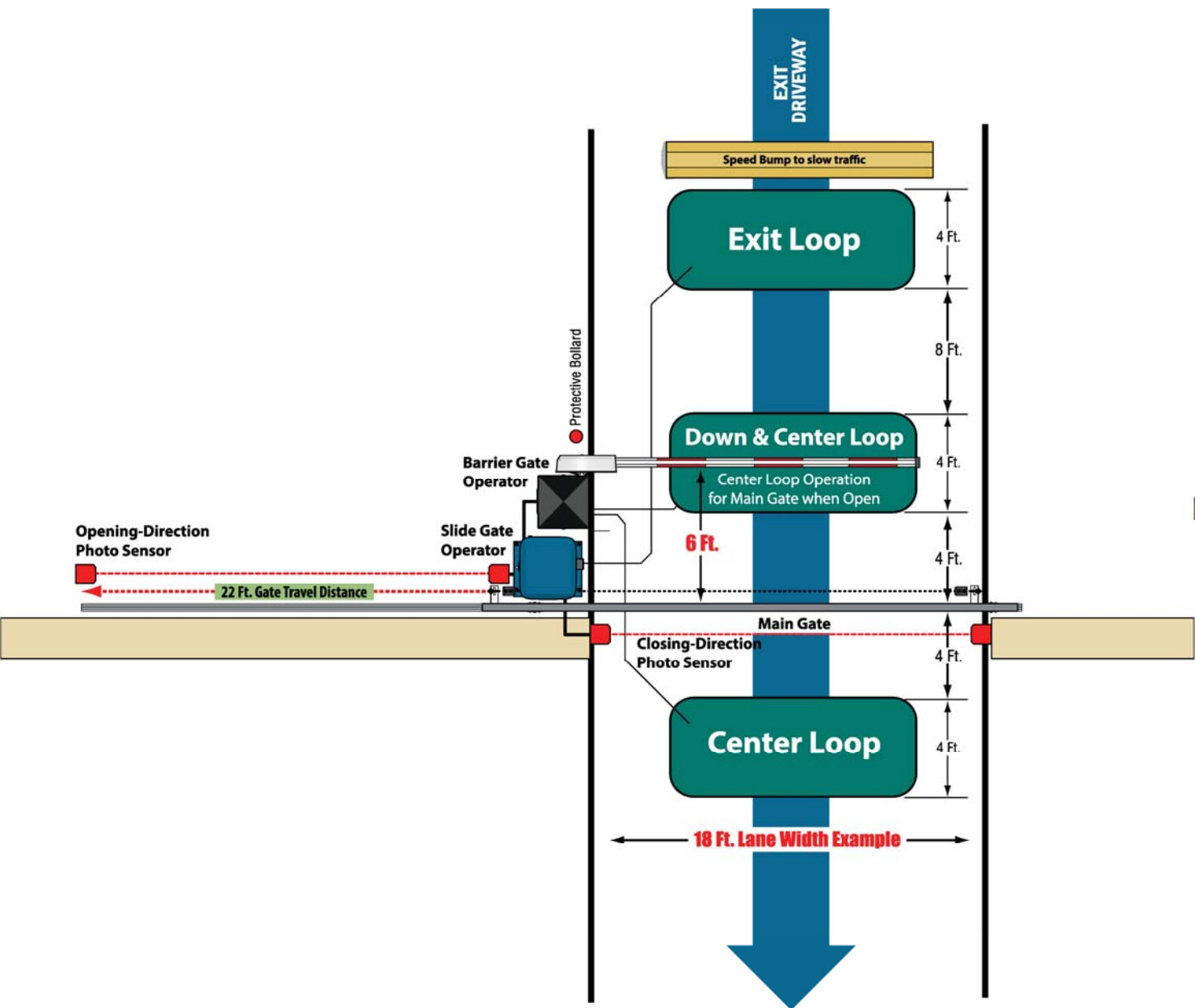
# Slide Gate- Setup Example

## SLIDE GATE- ENTRY SETUP EXAMPLE



# Slide Gate- Setup Example

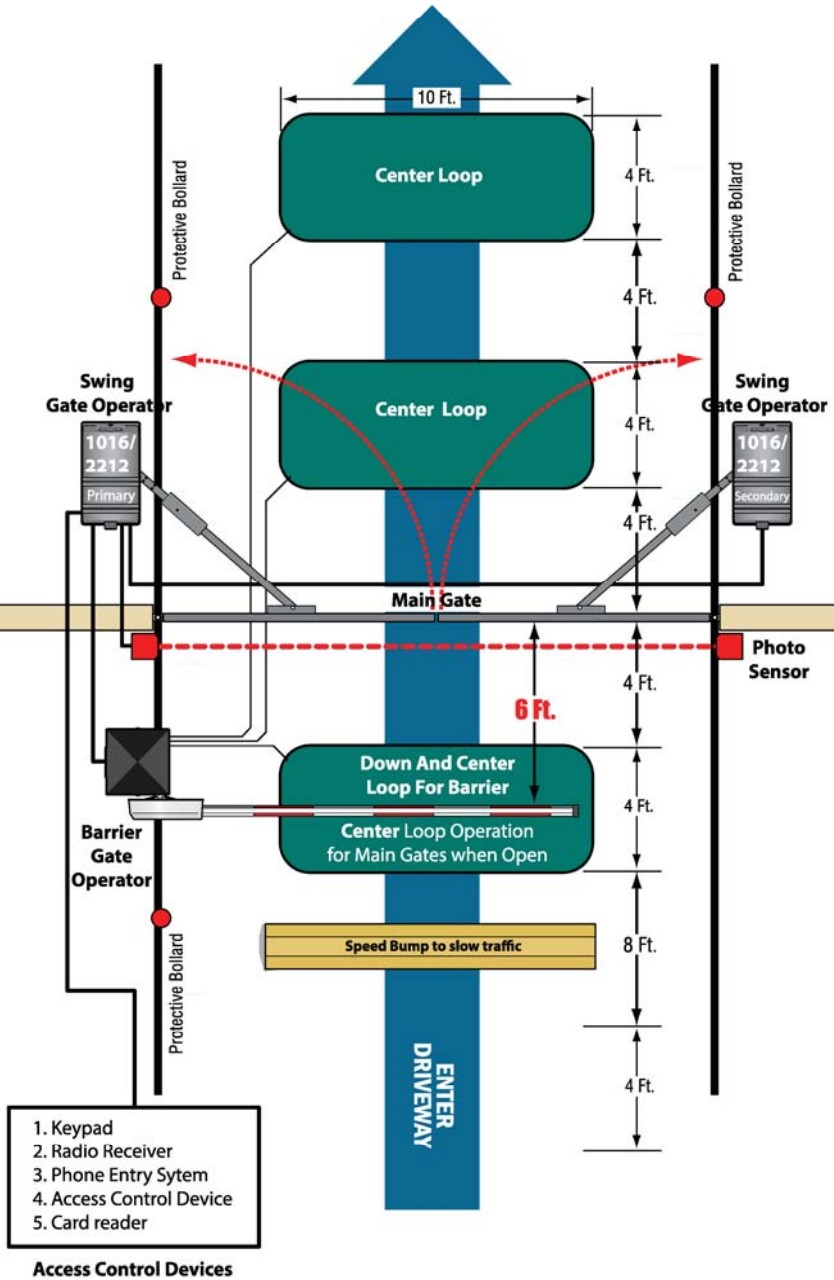
## SLIDE GATE- EXIT SETUP EXAMPLE





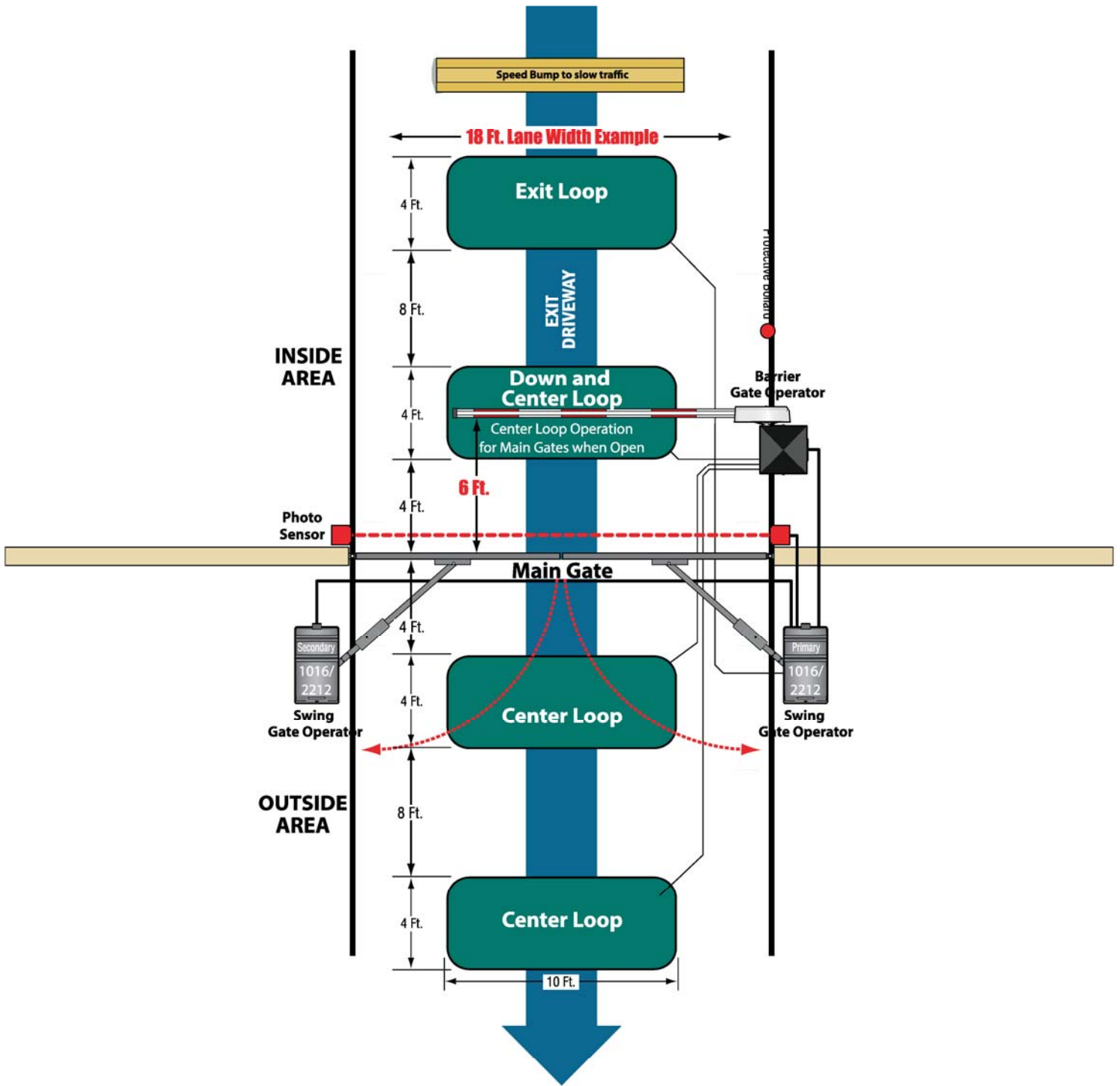
# Swing Gate- Setup Example

## SWING GATE- ENTRY SETUP EXAMPLE



# Swing Gate- Setup Example

## SWING GATE- EXIT SETUP EXAMPLE







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