Eagle Access Control Systems, Inc.

(800)708-8848
www.eagleoperators.com

Operator installation and instructions for the Eagle-200 and Eagle-100 Series.

Eagle-200

Eagle-100

UL325 and UL991 Compliant

Table of Contents

UL Listings

Gate Operators Installation Instructions

1)   Install the gate operator only when:

- The operator is appropriate for the construction and the usage Class of the gate.

- All openings of a horizontal slide gate are guarded or screened from the bottom of the gate to a minimum of 4 feet (1.2 m) above the ground to prevent a 2 ¼ inch (57.15 mm) diameter sphere from passing through the openings anywhere in the gate, and in that portion of the adjacent fence that the gate covers the open position.

- All exposed pinch points are eliminated or guarded.

- Guards are supplied for exposed rollers.

2)   The operator is intended for installation only on gates used for vehicles. Pedestrians must be supplied with a separate access opening.

3)   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.

4)   The gate must be properly installed and work freely in both directions prior to the installation of the gate operator.

5)   Controls must be far enough from the gate so that the user is prevented from coming in contact with the gate while operating the controls. Controls intended to be used to reset an operator after two sequential activations of the entrapment protection device(s) must be located in the line of sight of the outdoor gate or easily accessible controls shall have a security feature to prevent unauthorized use.

6)   All warning signs and placards must be installed where visible in the area of the gate.

7)   For a gate operator utilizing a non-contact sensor such as a photo beam:

- See instructions on the placement of non-contact sensor for each type of application.

- Care shall be given to reduce the risk of nuisance tripping such as when a vehicle trips the sensor while the gate is still moving.

- 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.

8)   Gate operators utilizing a contact sensor such as an edge sensor:

- One or more contact sensors shall be located at the leading edge, trailing edge, and post mounted both inside and outside of a vehicular horizontal sliding gate.

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

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

- A hardwire contact sensor shall be located and its wiring arranged so that the communication between the sensor and the gate operator is not subject to mechanical damage.

- A wireless contact sensor such as one that transmits radio frequency (RF) 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 structure, natural landscaping, or similar obstruction. A wireless contact sensor shall function under the intended end use conditions.

UL Listings

Essential Safety Procedures

WARNING - TO REDUCE THE RISK OF INJURY OR DEATH - READ AND FOLLOW ALL INSTRUCTIONS:

- Never let children operate or play with gate controls. Keep the remote control away from children.

- Always keep people and objects away from gate while the gate is in operation. NO ONE SHOULD CROSS THE PATH OF A MOVING GATE.

- Test the gate operator monthly. The gate must reverse on contact with a rigid object or stop when an object activates the non-contact sensors. After adjusting the force or the limit of travel, retest the gate operator. Failure to adjust and retest the gate operator properly can increase the risk of injury or death.

- Use the emergency release only when the gate is not moving. Make sure the power for the gate operator is off.

- KEEP GATES PROPERLY MAINTAINED. Read and follow the manual. Have a qualified service person make repairs to the gate or gate hardware.

- The entrance is for vehicles only. Pedestrians must use separate entrance.

• BE SURE TO CONTINUE TO KNOW & PRACTICE THESE INSTRUCTIONS •

UL Listings

Vehicular horizontal slide-gate operator (or system) - A vehicular gate operator (or system) that controls a gate which slides in a horizontal direction that is intended for use for vehicular entrance or exit to a drive, parking lot, or the like.

Gate - A moving barrier such as a swinging, sliding, raising, lowering, rolling, or like barrier that is a stand-alone passage barrier or is that portion of a wall or fence system that controls entrance and/or egress by persons or vehicles and completes the perimeter of a defined area.

Residential vehicular gate operator - Class I - A vehicular gate operator (or system) intended for use in a home of one to four single family dwellings, or a garage or parking area associated therewith.

Commercial / General access vehicular gate operator - Class II - A vehicular gate operator (or system) intended for use in a commercial location or building such as a multi-family housing unit (five or more single family units), hotel, garages, retail store, or other buildings servicing the general public.

Commercial / General access vehicular gate operator - Class III - A vehicular gate operator (or system) intended for use in an industrial location, loading dock area, or other location not intended to service the general public.

Commercial / General access vehicular gate operator - Class IV - A vehicular gate operator (or system) intended for use in a guarded industrial location or buildings such as airport security area or other restricted access locations not servicing the general public, in which unauthorized access is prevented via supervision by security personnel.

Installing the Warning Sign

Install Warning Sign On **Both** Sides Of Gate

The gate attachment bar must run the entire
length of the gate to ensure full strength

⚠️**WARNING**

**Moving Gate Can Cause
Serious Injury or Death**

KEEP CLEAR! Gate may move at any time
without prior warning.
Do not let children operate the gate or play
in the gate area.
This entrance is for vehicles only.
Pedestrians must use separate entrance.

Precautions

⚠️ Eagle swing gate operators are for vehicular use only!
They are not for pedestrian use!

Closing

⚠️ Be sure to mount ALL operating
devices clearly out of reach
through gate.

Regarding Ornamental Grill Styled Gates:
Injuries may be avoided if a mesh or screen is
installed on the gate. Injuries resulting from hands
and feet becoming stuck in gate or children riding
the gate while in movement, can be greatly
reduced if this "screen" or "mesh" is applied
to gate as a safety precaution.

CAUTION! ⚠️ Be sure to read and follow all the Eagle Access Control Systems, Inc. and
UL instructions before installing and operating any Eagle Access Control
Systems, Inc. products. Eagle Access Control Systems, Inc. is not responsible
for any improper installation procedures caused by failure to comply with local
building codes.

Methods of Installation

CAUTION! ⚠️ An experienced installer should perform the installation of all operators. Improper installation may result in property damage, severe injury, or death. Read entire manual before proceeding with the installation.

Installation for the Eagle-200 Series & Eagle-100 operators:

HINGE CENTER
E
OUT
IN
F
A
B
D
LONG ARM
C
SHORT ARM
G
CONCRETE PAD

OUT
IN
B
WALL
*REFER TO NOTE

* NOTE: If this dimension is less than 35 inches, compact installation is necessary. (Refer below)
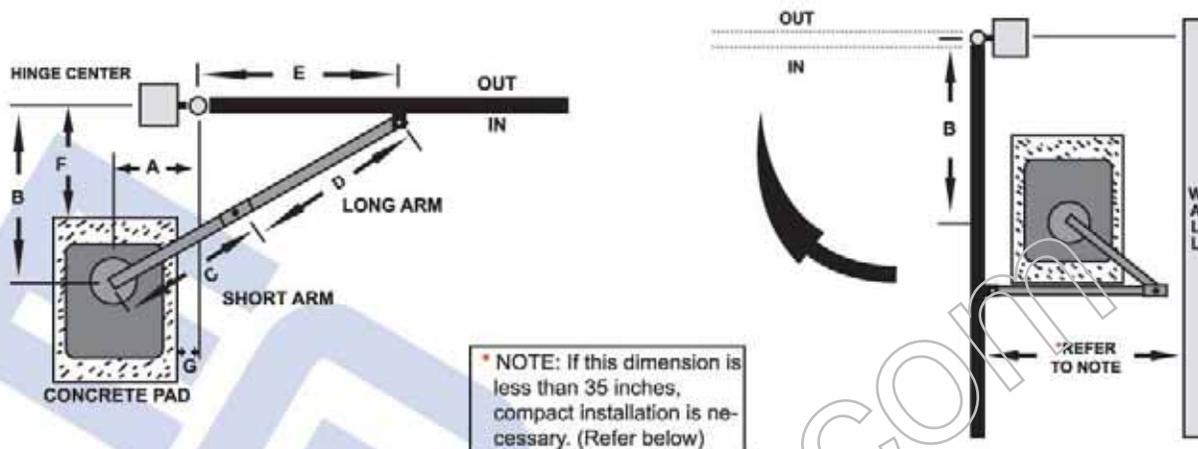
Swing Dimensions

	A	B	C	D	E
1	12	28	27.5	34.5	42
2	12	30	29.5	36	43
3	12	32	25.5	39	44
4	12	35	29	36	45

Placement of Concrete Pad in relation to Gate:

Hinge Center
F
Hinge Center
G
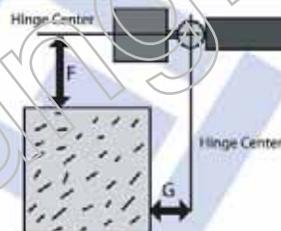
	Eagle-100	Eagle-200
F	19.5"	21.75"
G	2"	2"

Compact Installation

The following dimensions are for COMPACT INSTALLATIONS only!

Gate Open Position   (DIAGRAMS N.T.S.)   Gate Closed Position

24"
27"
xx
GATE CLOSING

⚠️ **CAUTION!**

** When gate is in fully closed position, be sure that both arms are fully **EXTENDED** and **LOCKED**.

Failure to follow these instructions could result in serious injury.

F
G
H
HINGE CENTER

Dimensions:

Eagle-200

F	G	H	I
36"	32"	12"	25"

Eagle-100

F	G	H	I
35"	22"	11"	28"
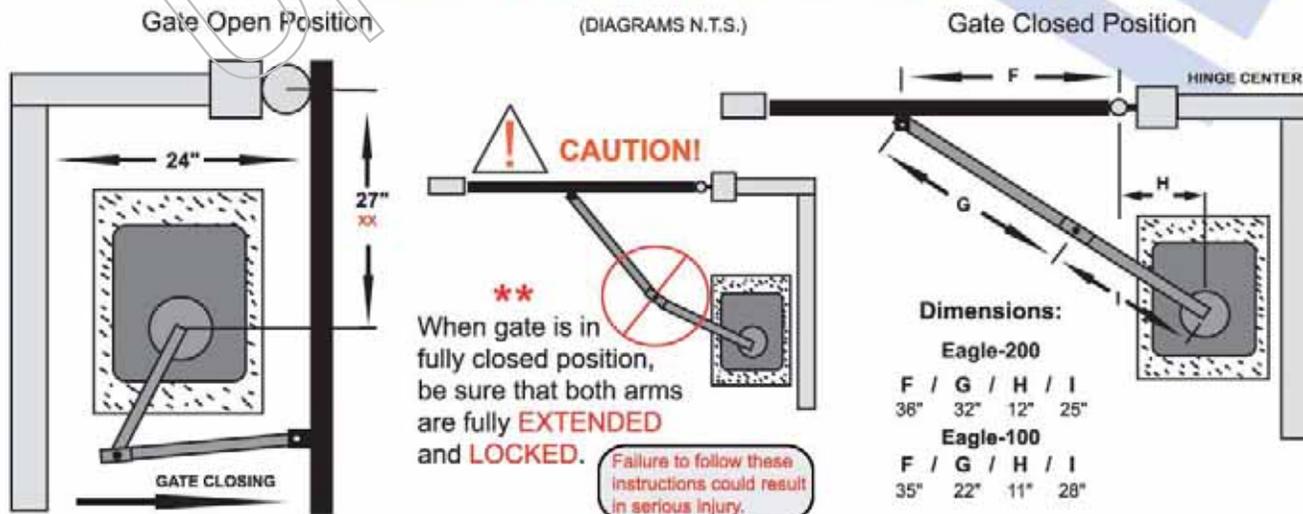
xx - Change dimension to 26" for the Eagle-100

Aligning the Easy Release Arm
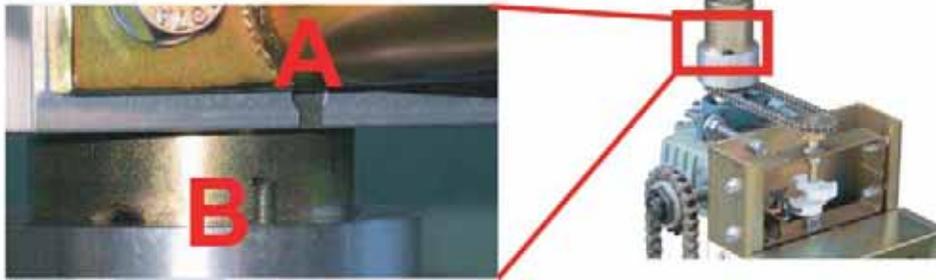
When aligning the Easy-Release Arm, the Slot A form the Arm portion must fit onto the Pin B of the operator.

Mounting The Secondary Entrapment

Note: Eagle Access Controls, Inc. recommends the installation of a reflective photocell sensor.

WALL

PHOTOCELL RECEIVER

PHOTOCELL TRANSMITTER

WALL

GATE OPEN

All Secondary Entrapment Sensors Are Connected To Edge Sensor Inputs

Transmitter

Receiver

EMX - IRB - 325 PHOTOCELL SENSORS
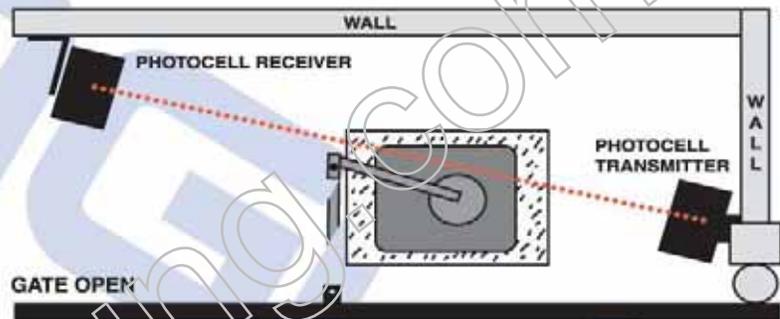
Welding The Gate Arm

Correct Installation
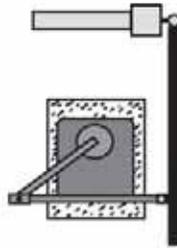
Incorrect Installation

Once The Gate Arm Measurements Are Calculated:

Weld The Bracket On The Gate

Mounting Operator(s) To A Concrete Pad

CAUTION! ⚠️

Be sure that the operator is installed in a level position and is properly secured. Improper installation could result in property damage, injury, or death.

Note:

The following concrete recommendations are installation suggestions only.
Please consult local codes for actual requirements in your area.

Recommended Dimensions

IMPORTANT!

The concrete dimensions shown are for the Eagle-200 only. **For the Eagle-100** the recommended concrete pad dimensions are 24" x 20"

(Concrete Pad Diagram N.T.S.)

RED HEAD FASTENER
1/2" x 3-1/2"

5"↕

24"

24"

24"
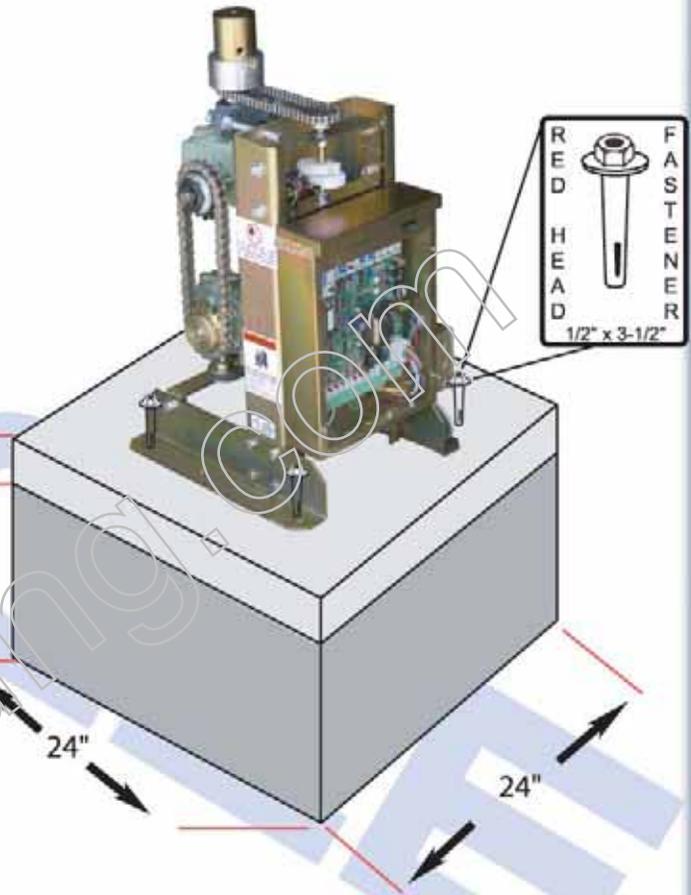
Selecting Opening Direction of Gate

< SELECT >

SLAVE	MASTER
OPEN LEFT	OPEN RIGHT
BRAKE OFF	BRAKE ON
SE LOOP NO	REVERSE LO

To select the opening direction of the gate, use the Feature Selector (as shown). Use switch #2 to the "open left" position for left opening. Use switch #2 to the "open right" position for right opening.

OPEN TO THE RIGHT

OUT

IN

OPEN TO THE LEFT

OUT

IN
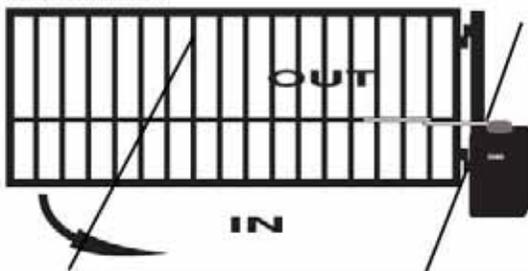
Connecting The Power

CAUTION! ⚠️

Be sure that the circuit breaker for the line input power is turned off before connecting the input power to the unit.

Connect 120 VAC, 15A, line input power to the wires provided in the power switch junction box located near the bottom of the operator.

120 VAC, 15A, convenience outlet is provided on side of operator.

Warning: Eagle Access Control Systems, Inc. is not responsible for researching and complying with local building codes. Be sure to check these codes before installation.

⚠️ All units must be properly grounded

The wires are color coded as follows:

- Black - 120 VAC / Line Input Power
- White - Neutral Input
- Green - Ground Input (from an approved grounding method)

** Eagle recommends installing surge protection on all operators!

14 AWG	12 AWG	10 AWG	8 AWG	4 AWG
250 ft.	400 ft.	650 ft.	1000 ft.	2000 ft.

Reverse / Exit Loop Installation

The Purpose for a reversing loop is to prevent the gate from closing on a vehicle while it is exiting or stopped in the middle of the gate area. The purpose of the exit loop is to automatically open the gate when a vehicle approaches to exit.

Exit Loop Operation

OUT

REVERSE LOOP

PHANTOM LOOP

REVERSE LOOP

EXIT LOOP

IN

LOOP CUT

TWISTED WIRES
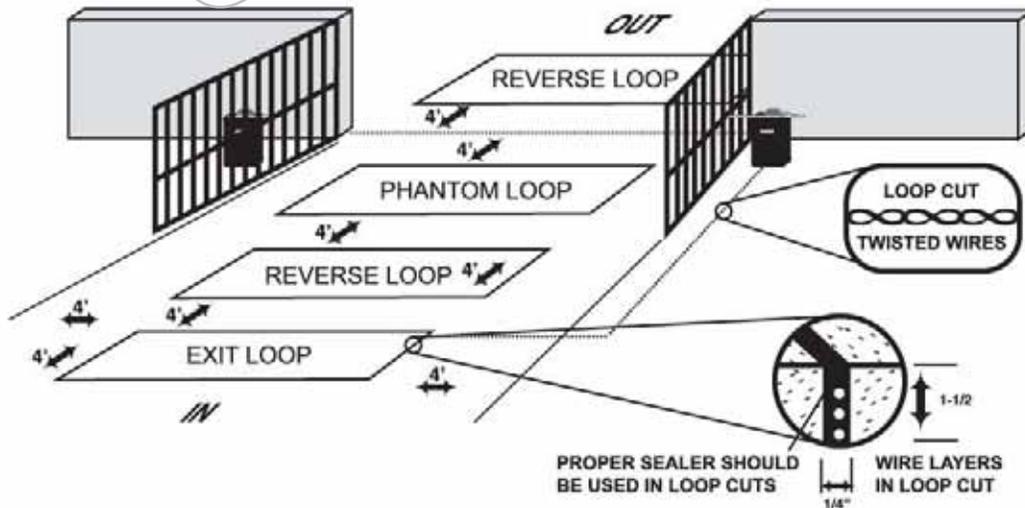
Wires must be wrapped inside the groove three times. Once you have completed the process, fill up the grooves with a proper seal.

1-1/2

PROPER SEALER SHOULD BE USED IN LOOP CUTS

WIRE LAYERS IN LOOP CUT

1/4"

Two Way Adjustable Reverse Sensor / ERD

CAUTION! ⚠️

Only a qualified service technician must make all adjustments to the sensor.

The Eagle Diamond Control Board has two separate pots for adjusting sensitivity. One is for opening the gate, and the other is for closing the gate.

| ● ACTIVE | LIGHT ←→ HEAVY |
| ● OVERLOAD | OPENING   CLOSING |

ERD STATUS

IMPORTANT

The level of sensitivity has to do with the weight of the gate and the conditions of the installation.

There is an LED "OVERLOAD" warning that will light up when the gate is heavier than normal for the operator. During this warning, the operator will not function properly.

When Adjusting Sensors Remember...

Too Sensitive = if the gates stops or reverses by itself

Not Sensitive enough = if the gate strikes an object and does not stop or reverse

The Feature Selector

The selector uses an eight-station switch system that allows selection of the standard features and customized installation settings. The switch description is as follows:

Note: The power should always be turned off when designating feature selector switches

FEATURE SELECTOR

Diamond Board
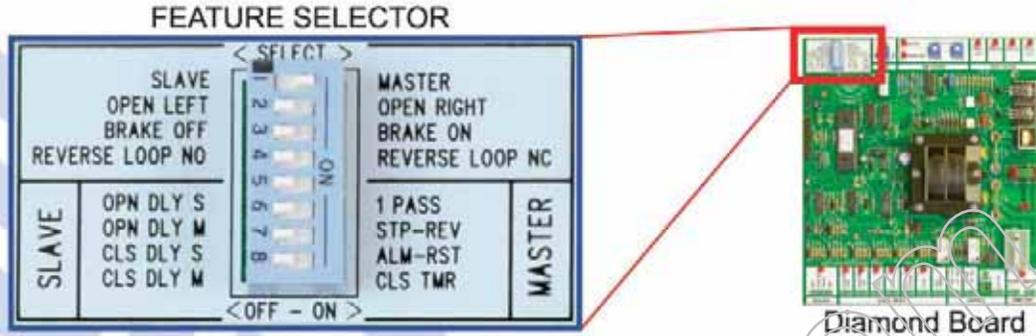
Switch 1: Slave/Master - Sets the operator to work as Master or Slave.

Switch 2: Gate Opening - Designates left or right opening.

Switch 3: Motor Brake - If the "on" position is selected, the gate will stop instantly when on the limit switches. This is useful on uphill / downhill applications and on all Fail-Safe operators.

Switch 4: Reverse Loop - Sets the reverse loop to be normally open or to normally close. It is useful in Fail-Safe applications.

Switch 5: One Pass (On/Off) - This tailgating feature works with the reverse loop to allow only one car to pass. After the car passes, the gate closes instantly. If a second car approaches the gate stops. The operator resumes closing after the car leaves.

Switch 6: Stop-Reverse (On/Off) - This radio feature allows the transmitter to work as a three-button station and is useful for a partial opening. If selected, the first command will open the gate, the second will stop the gate, and the third will close the gate.

Switch 7: Alarm Reset (On/Off) - If the "on" position is selected, after the five minutes "shut down" time period the operator will reset and any input will be accepted. Normally, the power must be turned off to reset.

Switch 8: Close Timer (On/Off) - Sets the Close Timer to the "on" or "off" position.

Master and Slave Operation

Important: Be sure that the 120VAC power (for the Master and the Slave) are connected to the same circuit breaker.

Master Diamond Board

Use 20GA stranded wire for Master/Slave communication

NOTE: The polarity is very important when connecting Master / Slave Operations.

Slave Diamond Board

Set dip switch #1 (ON) for the Master

Set dip switch #1 (OFF) for the Slave

SLAVE	MASTER
OPEN LEFT	OPEN RIGHT
BRAKE OFF	BRAKE ON
REVERSE LOOP NO	REVERSE LOOP NC
OPN DLY S	1 PASS
OPN DLY M	STP-REV
CLS DLY S	ALM-RST
CLS DLY M	CLS TMR

SLAVE MASTER
+ − + −

COMM PORT

Use 20GA stranded wire

Master Control Options

Use the feature selector to choose available features by designating the various switches (1 through 8).

Gate opening direction, motor brake, reverse loop, one pass, stop reverse, alarm reset, and close timer.

Please refer to pages 10 & 11 for more information on individual switch functions.

MASTER
OPEN RIGHT
BRAKE ON
REVERSE LOOP NC
1 PASS
STP-REV
ALM-RST
CLS TMR
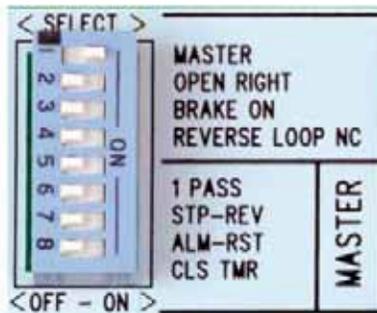
NOTE: Please remember the Eagle Diamond Control Board allows you to connect accessories to the Master or Slave operators.

These accessories include: Reverse Loop, Phantom Loop, Exit Loop, 3 Button Station, Key Switch Lock Box, Fire Dept. Box, Edge Sensors, Telephone System...Etc.

Slave Control Options
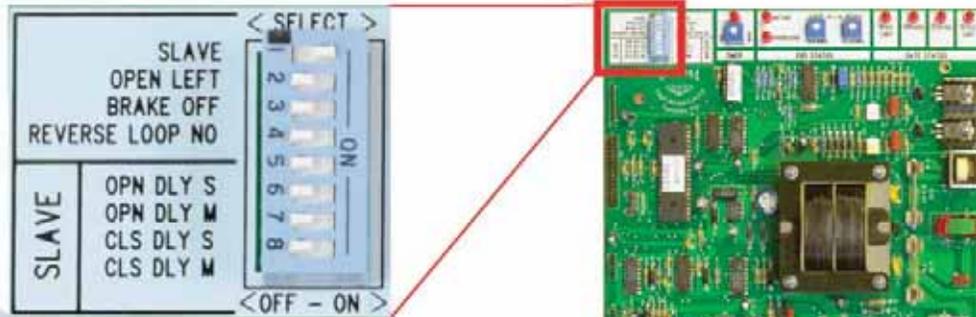
Switch #1 must be set to the Slave or to the "off" position.

Switch #2 must be set to the "open left" or to the "open right" position.

Switch #3 brake on / off.

Switch #4 Not in use.

Selecting The Delay Functions

The Eagle "Diamond" Control board was uniquely designed to allow the slave control to communicate to the master board all of the "Open-Delay" and "Close Delay" functions.

If no delay functions are needed, switches 5 through 8 must be in the off position.

Setting The Open Delay Function

Switches 5 & 6: Open Delay Slave (On/Off) - Selecting the switch to the "on" position delays the Slave (Sw. 5) or Master (Sw. 6) operator by 1 1/2 seconds on the open cycle. This is useful with magnetic lock applications.

Setting The Close Delay Function

Switches 7 & 8: Close Delay Master (On/Off) - Selecting the switch to the "on" position delays the Slave (Sw. 7) or Master (Sw. 8) operator by 1 - 6 seconds on the close cycle (adjustable by the Slave Timer shown below).


SLAVE TIMER
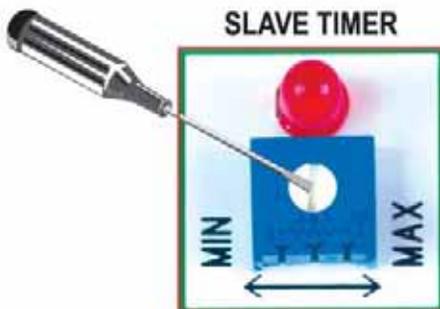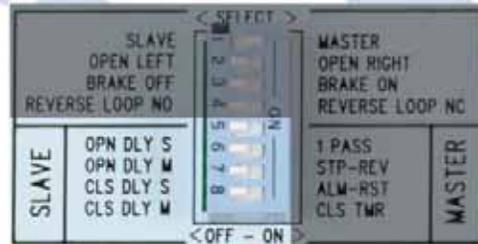
Diamond Control Board

Describing The Output Connections

Entire Output Section
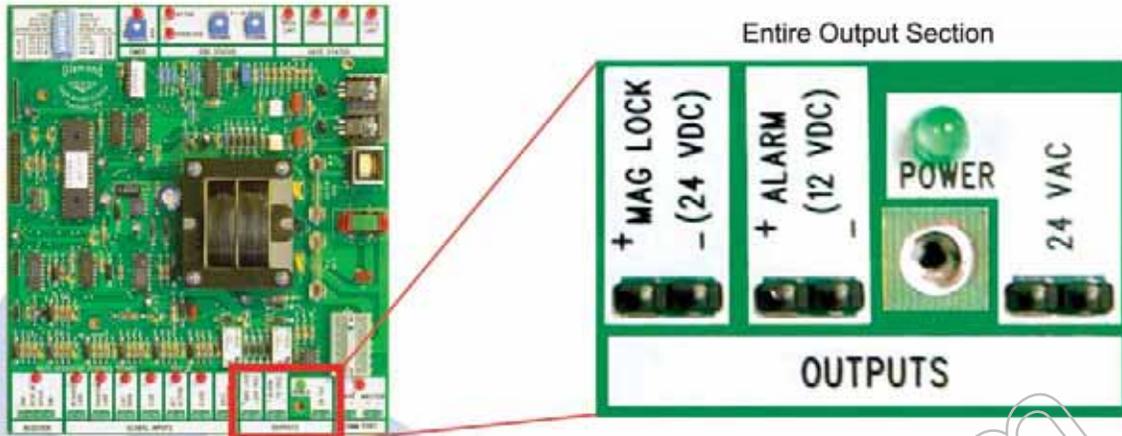
OUTPUTS

## MAG Lock Solenoid Connections (24 VDC)

The Eagle Diamond Control Board provides a 24VDC and relay output for MAG Locks or Solenoids.
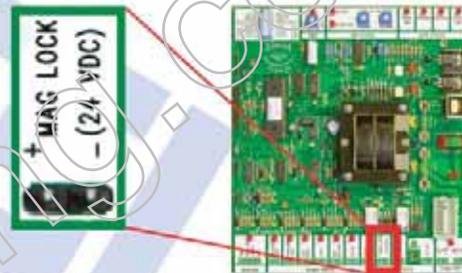
Alarm (12 VDC)

Safety Alarm: If the gate hits an obstruction twice while closing or opening, the system will shut down for 5 minutes. On the Diamond Board, you have two options of reset mode.

● ● ●

Selecting the "off" position will require a "manual reset" of the board if the previous happens. However, by selecting the "On" position, the system will automatically reset itself.
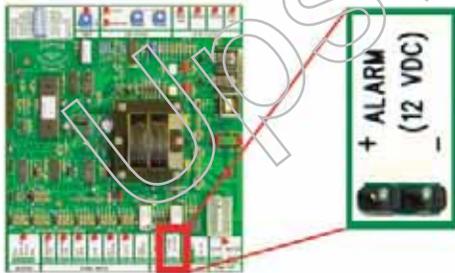
Power (24 VAC)

The Eagle Diamond Control Board provides 24 VAC Power, which can be used for loop detectors and receivers.

Connecting The Accessories

With the exeption of the MAG Lock, all of these accessories can be installed on the Master or Slave operator.

REVERSE LOOP | PHANTOM LOOP | EXIT OPEN | STOP | KEY KEYPAD | CLOSE | EDGE SENSOR | + MAG LOCK – (24 VDC)

Reverse Loop

Phantom Loop

Exit Loop

Open

Close

Stop

Three Button Push Station

(4 Wires)

Key Lock Box

Fire Lock Box

FIRE DEPT.

MAG Lock

Phone Entry System

Edge Sensor
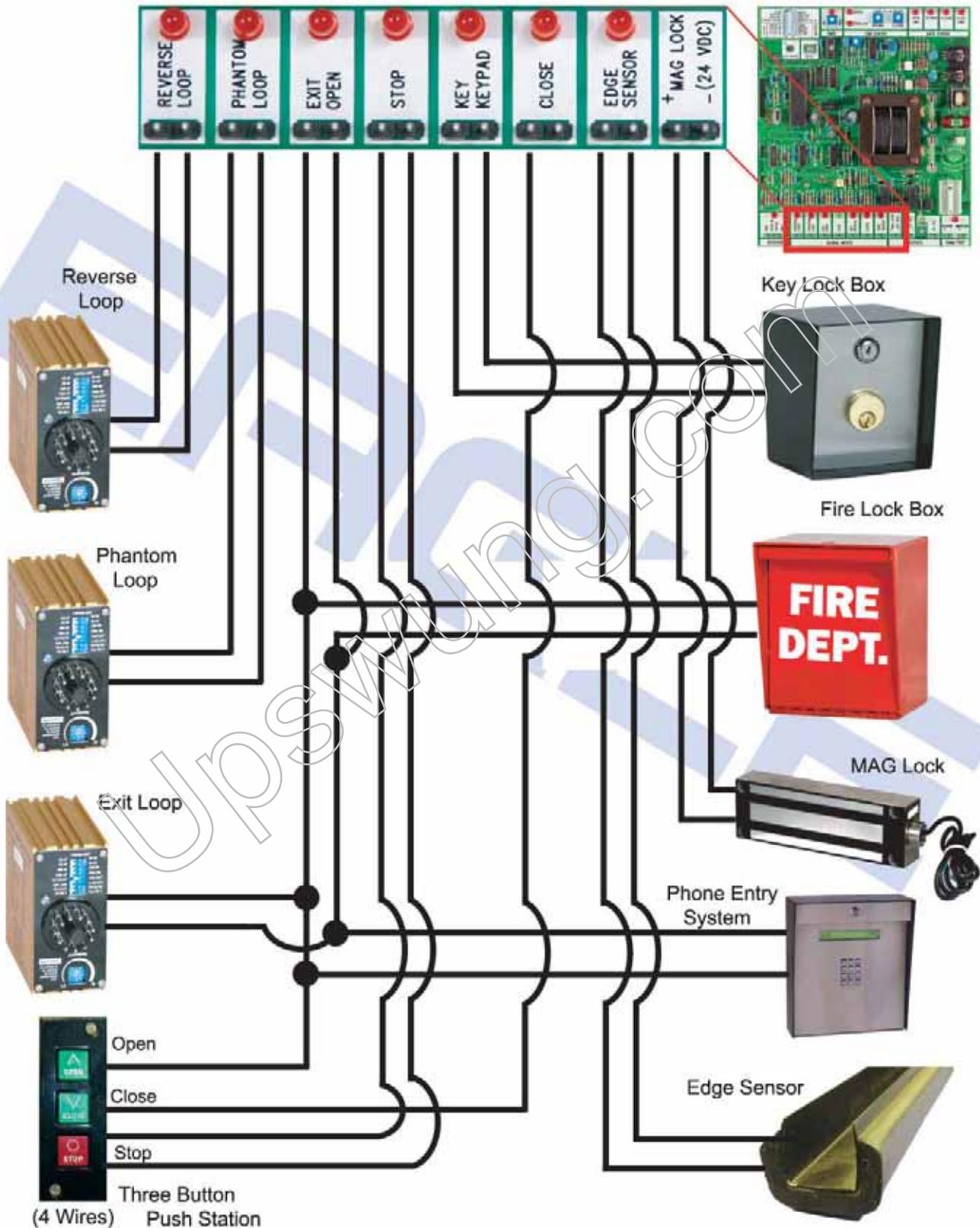
Description of Inputs

GLOBAL INPUTS
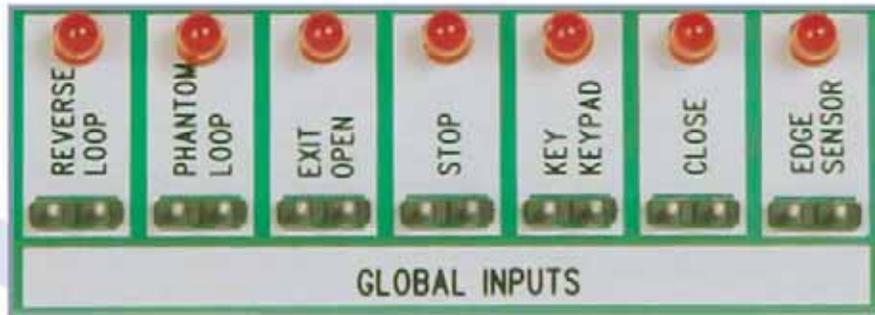
1.

Reverse Loop - Momentary or Continuous Signal

This input is active only when the gate is closing or when its fully open. If this input is active, the close timer is disabled. All vehicle detectors and photo-eyes should be connected here. Multiple devices may be connected in parallel.

2.

Phantom Loop - Momentary or Continuous Signal

This input is active only when the gate is at rest in the fully open position. The input has no effect on the gate when fully closed or while closing or opening. Continuous activation will prevent the gate from moving in the close direction. When the input is removed normal operation is resumed. This input is intended for a vehicle loop detector to sense a vehicle in the gate path. Multiple devices may be connected in parallel.

3.

Exit Open / Loop - Momentary or Continuous Input

Once activated the gate will fully open. Activation while the gate is closing will cause the gate to reopen. Continuous activation while the gate is open will disable the timer to close function from automatically closing the gate.

4.

Stop - Momentary or Continuous Signal

This function overrides all other signals. Once activated, the gate will immediately stop and await a new command. If the stop input is continuously activated, the gate will not move.

5.

Key / Keypad

Timer On - Momentary or Continuous Input

Once activated the gate will fully open. Activation while the gate is closing will cause the gate to reopen. Continuous activation while the gate is open will disable the timer to close function from automatically closing the gate.

5.

Key / Keypad (Continued)

Timer Off - Momentary Input

This function must be released and reentered to be recognized. This input is to be used for COMMAND OPEN / COMMAND CLOSE applications. The first signal will cause the gate to begin opening. The second signal will close the gate only when the gate is in the fully open position.

6.

Close - Momentary or Continuous Signal

Once activated the gate will fully close. Activation while the gate is opening has no effect.

7.

Edge Sensor - Momentary or Continuous Signal

This signal is active when the gate is opening and/or closing.

If activated when the gate is opening:

The gate will stop, pause and reverse in the close direction for 1 1/2 seconds and stop. Continuous activation will prevent the gate from moving in the opening direction. If the second activation occurs before the limit switch is activated, the gate will stop and reverse direction for 1 1/2 seconds and stop, thus activating the alarm mode. At this point the operator must be manually reset (ON/OFF) before normal operation can resume.

If activated when the gate is closing:

The gate will stop, pause and fully reopen. During this mode the timer to close, reverse loop, exit loop and phantom loop are disabled. The Key / Keypad and Receiver will cause the gate to close if a second activation occurs before the limit switch is activated. The gate will then stop and reverse direction for 1 1/2 seconds, stop again, thus activating the alarm mode. At this point the operator must be manually reset (ON/OFF) before normal operation can resume.

Multiple devices may be connected in parallel to the Edge Sensor Input.


Receiver Connections

Receiver terminal is mounted on the control box for easy
installation and is pre-wired for a 3-wire or a 4-wire receiver.

3-Wire Connections

	24V RADIO POWER	RELAY	(24V) COMMON GND	(24V) COMMON GRD
3 Wire	**3**	**2**	**1**	**4**
4 Wire	24V RADIO POWER	RELAY		

4-Wire Connections

	24V RADIO POWER	RELAY	(24V) COMMON GND	(24V) COMMON GRD
3 Wire	**3**	**2**	**1**	**4**
4 Wire	24V RADIO POWER	RELAY		

Receiver Connections
on the Eagle Diamond
Board

GND   RCVR. IN   24VAC   GND

RECEIVER
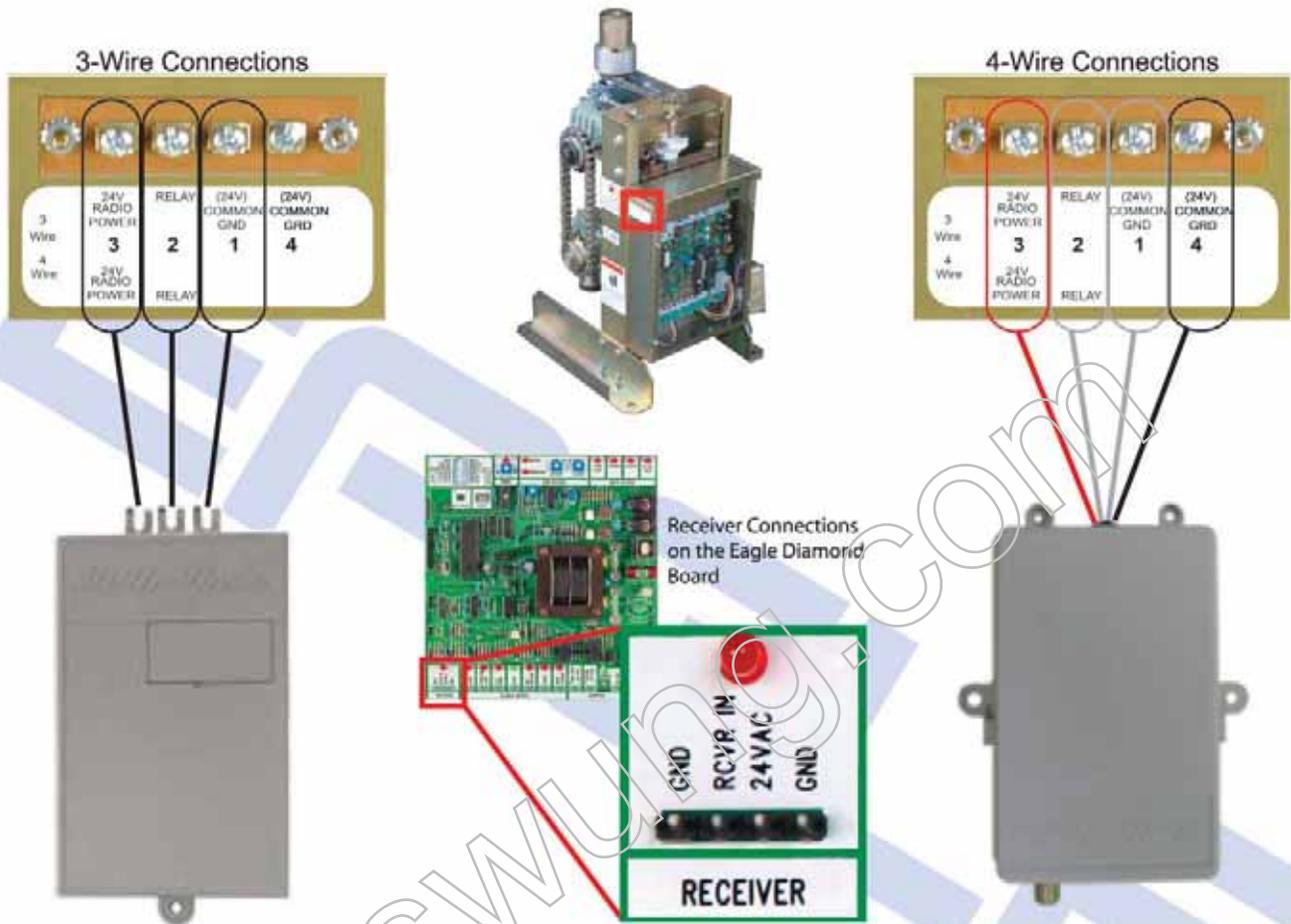
Gate Travel Distance / Setting The Limit Switches

The limit switches must be set so that the gate stops at the proper
position. Follow these instructions to appropriately set the limit switches.

Limit Switches

① Loosen Screws

② Make Adjustments

③ Tighten Screws
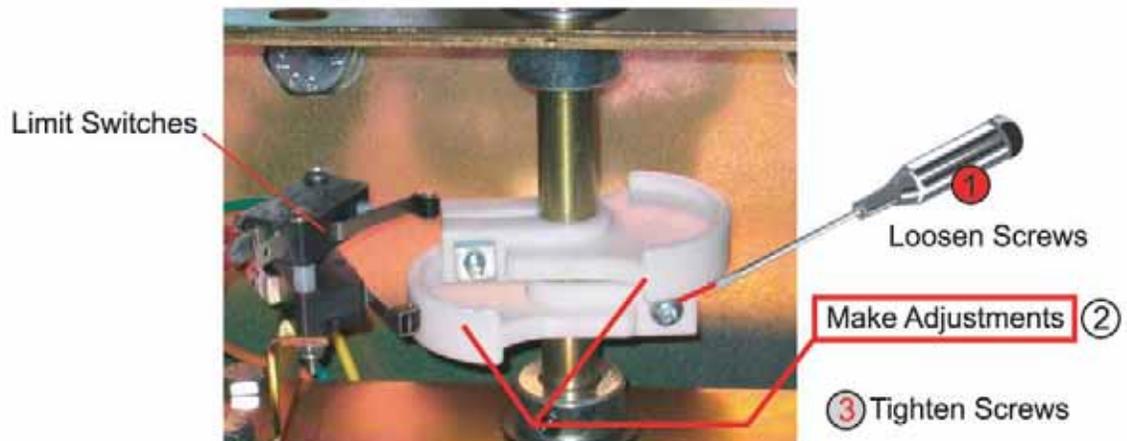
Emergency Release

To release operator, simply unscrew bolt, remove the top cap, and open the Easy Release Lever.

Resetting The Motor

On all Eagle Access motors, a red reset button is available for resetting the motor. If operator ceases to function:

TURN THE POWER TO THE OPERATOR OFF AND ALLOW FOR THE MOTOR TO COOL DOWN...

then simply locate the reset button and press.

Adjusting the Operator's Clutch

Depending on the weight of the gate clutch slippage may occur. Typical Clutch slippage is about 1/4 turn. If it does not slip, readjust the Clutch accordingly.

Use an appropriate wrench to adjust the clutch
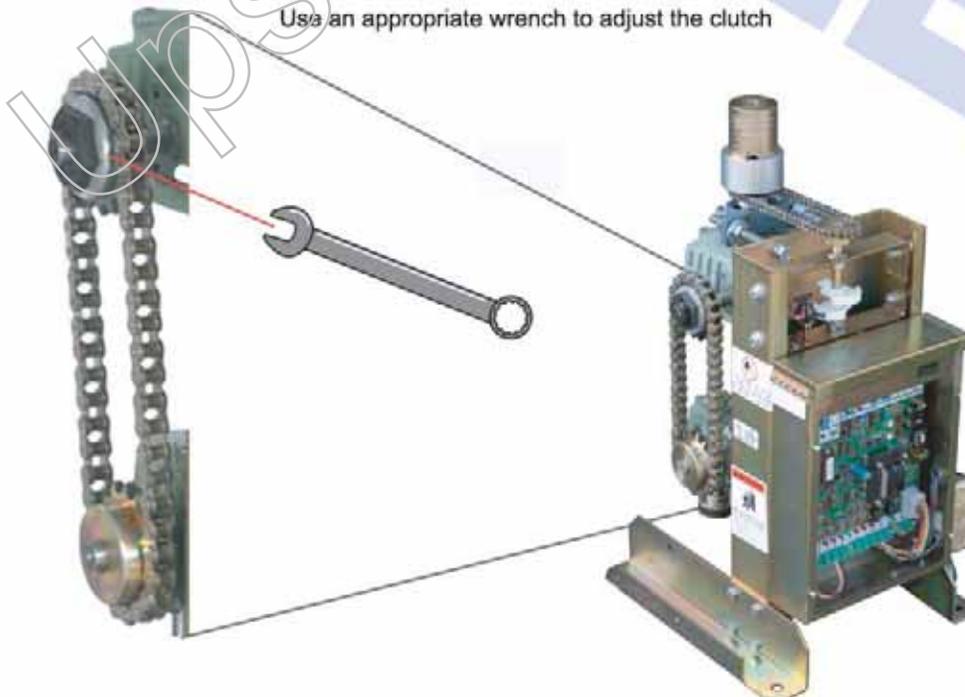
Control Board LED Indicators
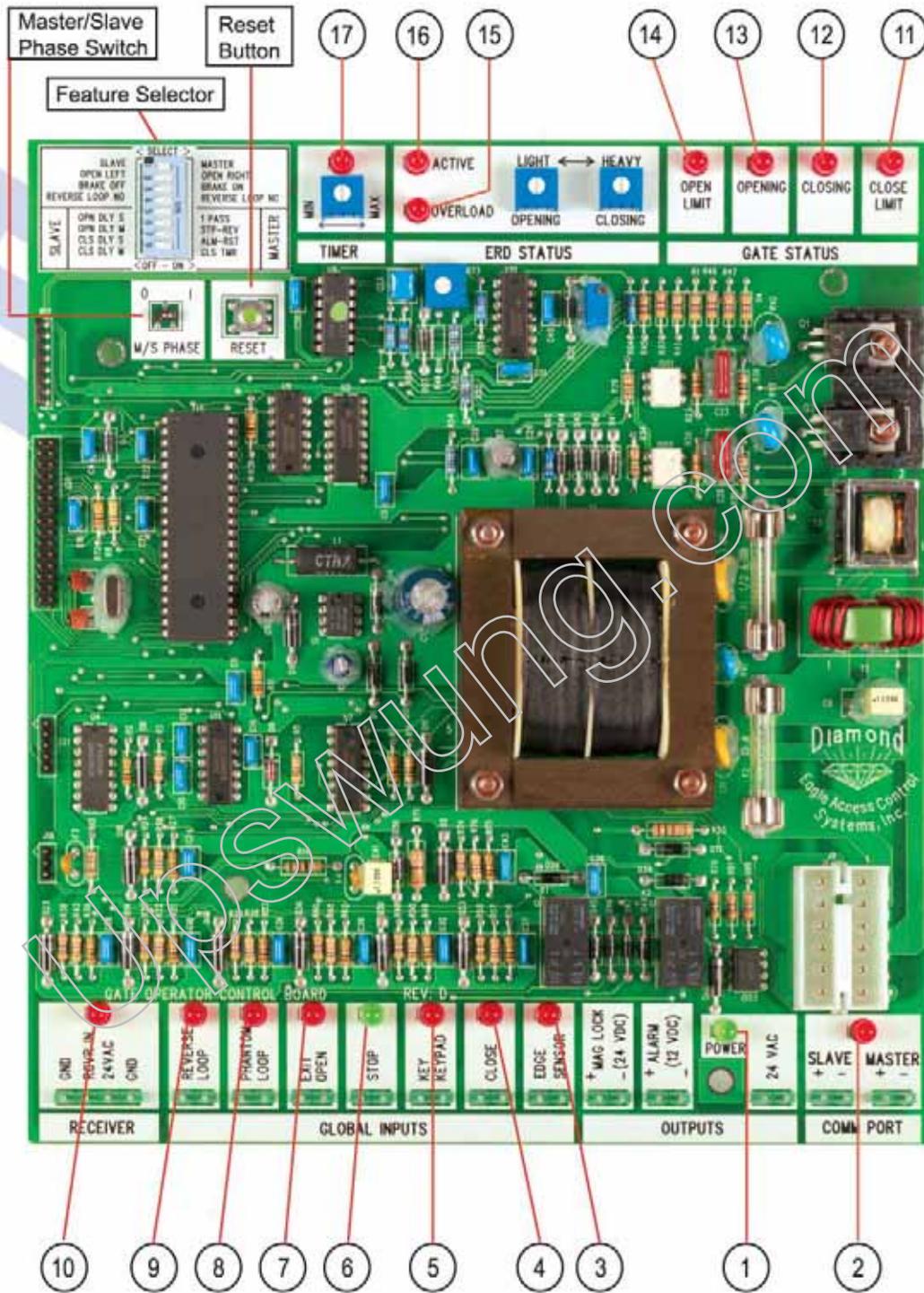
Master/Slave Phase Switch

Feature Selector

Reset Button

1. Power On (Green)
2. Master / Slave Communication
3. Edge Sensor
4. Close
5. Key / Keypad
6. Stop (Green)
7. Exit / Open
8. Phantom Loop
9. Reverse Loop
10. Receiver
11. Close Limit
12. Closing
13. Opening
14. Open Limit
15. Overload
16. Active
17. Timer

Troubleshooting

SYMPTOMS	PROBABLE CAUSES	REMEDY
Gate stops and reverses direction in mid travel and the OVERLOAD LED remains ON.	(A) Gate operator is not plumb and level. (B) ERD current sense may be set to sensitive. (C) Gate encountered an obstruction while in travel.	(A) Remount operator or chain brackets. (B) Turn the ERD sensor slightly in the clockwise direction. (C) Check and remove all obstructions.
Gate will not CLOSE.	(A) The Radio Receiver's LED remains on. (B) One or more of the global input LED(S) remain active. (C) Gate has reopened because it encountered an obstruction while closing. (D) The Loop Detector LED is on. (E) Switch #8 is not functioning.	(A) Remote or receiver has malfunctioned in the "on" position. (B) Check any Global Inputs for a possible short circuit. (C) Only key/keypad and receiver will resume normal operation. (D) Reset Loop Detector, verify correct wiring, set to a different frequency and/or change the sensitivity of the Loop Detector. (E) Be sure that the "Close Timer" (switch #8) is set to the "on" position.
Gate will not OPEN.	(A) Motor overload. (B) Radio Receiver is not "on" when the remote control is activated. (C) The green LED is "off." (D) Fuse blown.	(A) Reset thermal breaker on motor. (See page 18) (B) The receiver in the gate operator has malfunctioned in the "off" position. (C) Turn "on" the power switch and/or reset the main circuit breaker. (D) Check and/or replace with a proper fuse.

COMMON OVERSIGHTS TO BE AWARE OF:

(A) Switch #1 must be set to the "Master On" position, unless the operator is being used as a "Slave unit.

(B) Safety Loop Detectors must be connected to the Reverse Loop input. (See pages 15 & 16)

(C) If the "Timer to Close" function is desired, switch #8 must be set to the "on" position.

(D) It is Ok to call the Eagle Access Customer Service Department with any questions...we are here to serve YOU!

1-800-708-8848

Parts Breakdown / Eagle-200

Entire Swivel Arm Assembly - E515

E471
E475
E473
E472
E476

E225
E226
E116

E525

ENTIRE
LIMIT SWITCH
ASSEMBLY
E101

Bracket
E103
E102

E222
E223
E224

E721
E722
E723
E724
725
E175

E728
E729

E180

Entire Clutch Kit - E152

E186
E185
E153
E146
E147

E173 - 1/2HP
E174 - 1HP/DM

E192A
E190
E193

726
E727

E191
E131
E130

E555

E192B

Parts Breakdown / Eagle-100

Entire Swivel Arm Assembly - E515

E471
E475
E473
E472
E476

E114
E115
E116

E525

ENTIRE

LIMIT SWITCH
ASSEMBLY KIT
E105

E103

Bracket

E104

E224

E223

E111

E721

E722

E723

E724

E728

E191

E131

Entire Clutch Kit - E152

E182

E725

E130

E729

E185

E175

E727

E555

E186

E726

E153

E196B

E146

E147

E195

E196A

E197

E173

Operator Parts List

Eagle-200 Swing Operator

E222 - Operator Cover
E223 - Operator Cover Door Frame
E224 - Operator Cover Door
E225 - Release Cover
E226 - Release Cover Cap
E116 - Easy Release Main Swing Arm
E101 - Limit Switch (LS) Assembly (Complete)

> E102 - Limit Switch Bracket
> E103 - Limit Switches

E191 - Control Board Box
E555 - Diamond Control Board
E130 - Electrical Outlet
E131 - Power Switch
E190 - Eagle-200 Chassis
E192A - Right Chassis Leg
E192B - Left Chassis Leg   } Left and Right Determined By Facing Out From the Operator.
E193 - Leg Bracket
E185 - 1/2 HP Motor
E180 - Primary Gear Reducer (PGR)
E186 - Secondary Gear Reducer (SGR)
E723 - (PGR) Sprocket
E153 - (SGR) Sprocket
E152 - Clutch Kit (CK) Complete
E146 - (SGR) Pulley
E147 - Motor Pulley
E173 - 1/2HP V-Belt
E174 - 1HP/DM V-Belt
E729 - Drive Chain (Side)
E151 - Drive Chain (Top)
E721 - Arm Hub
E726 - Limit Shaft
E725 - Limit Sprocket
E724 - Pillow Block
E727 - Limit Box
E175 - Limit Switch Activators
E722 - Aluminum Cup
E525 - Plastic Eagle Logo
E515 - Swivel Arm Assembly (SAA) Complete

> E471 - Large Arm
> E472 - Small Arm
> E473 - Arm Attachment Plate
> E475 - Extension Arm
> E476 - Weld Plate

Eagle-100 Swing Operator

E111 - Operator Cover
E223 - Operator Cover Door Frame
E224 - Operator Cover Door
E114 - Release Cover
E115 - Release Cover Cap
E116 - Easy Release Main Swing Arm
E105 - Limit Switch (LS) Assembly (Complete)

> E104 - Limit Switch Bracket
> E103 - Limit Switches

E191 - Control Board Box
E555 - Diamond Control Board
E130 - Electrical Outlet
E131 - Power Switch
E195 - Eagle-200 Chassis
E196A - Right Chassis Leg
E196B - Left Chassis Leg   } Left and Right Determined By Facing Out From the Operator.
E197 - Leg Bracket
E185 - 1/2 HP Motor
E148 - 2" Motor Pulley
E182 - Gear Reducer (GR)
E186 - Secondary Gear Reducer (SGR)
E723 - (PGR) Sprocket
E153 - (SGR) Sprocket
E146 - (SGR) Pulley
E147 - Motor Pulley
E152 - Clutch Kit (CK) Complete
E141 - Drive Chain
E724 - Pillow Block
E172 - 1/2HP V-Belt
E729 - Drive Chain (Side)
E728 - Drive Chain (Top)
E721 - Arm Hub
E725 - Limit Sprocket
E726 - Limit Shaft
E175 - Limit Switch Activators
E727 - Limit Box
E722 - Aluminum Cup
E525 - Plastic Eagle Logo
E515 - Swivel Arm Assembly (SAA) Complete

> E471 - Large Arm
> E472 - Small Arm
> E473 - Arm Attachment Plate
> E475 - Extension Arm
> E476 - Weld Plate

If you are uncertain of a specific part you need, please call us at the number below for assistance.

Eagle Access Control Systems, Inc.

Eagle Access Control Systems, Inc. designs its gate operators with the dealer/installer in mind, constructing all Eagle operators to be easy to install and to service. From our very first operator, the Eagle-2000, with its superb features and easy to install construction, to the full range of commercial and residential sliding and swing gate operators we now offer, Eagle Access has always provided what our customers need. As our number of distribuitors grows, we are committed now more than ever to full and effective customer service. If you have any questions or concerns regarding any of our products, please do not hesitate to contact us.

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