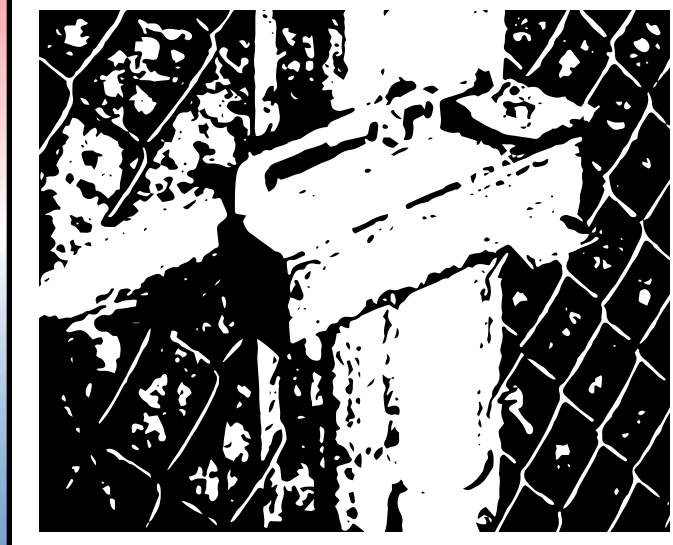
EZLOCK

ELECTRIC GATE LOCK



INSTALLATION & OPERATING INSTRUCTIONS

This EZLOCK Automatic Gate Lock is designed to provide extra security and stability to your gate opening system.

It replaces the positive stop plate that comes standard with most gate opening kits. There are numerous different mounting methods on various types of gates. For that reason, no mounting hardware is included in this kit. For chain-link gates, U-bolts, nuts and washers are used to mount the EZLOCK. Bolts, washers and nuts are used to attach the receiver to the gate. For other types of gates such as tube type, bolts, washers and nuts are the preferred method to mount both the lock and the receiver. ***See examples on page 3.***

To ensure that the EZLOCK closes firmly on the pin in the reviver, some adjustment of the gate closure may be necessary. See the gate opener manual on closed position adjustment. If your gate is set up in the push-to-open (manual) mode, the lock needs to be installed on the outside of the gate.

NOTE:
Before beginning installation of your EZLOCK, make sure that you have all the parts included in the kit shown below.

REFERENCE NUMBER	DESCRIPTION
1	Gate Lock & Wire
2	Electric Lock Receiver
3	Electric Lock Pin
4	Lock
5	Electric Lock Circuit Board
6	Lead Wire to Battery (Red)
7	Lead Wire to Battery (Black)
7	White Wire
9	Nylon Wire Ties (4)

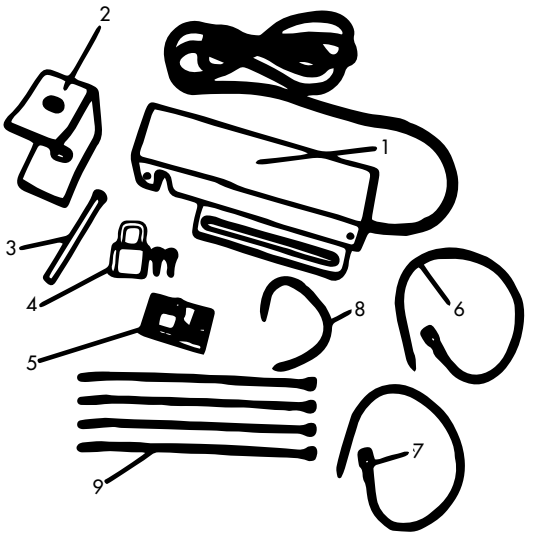


Illustration A

MOUNTING THE LOCK AND RECEIVER

STEP 1: Remove the front-end of the actuator thread is attached to the gate bracket with clevis pin and clip-pin. Wire tie the front-end onto the gate to support it. This will enable you to swing the gate manually while installing the gate lock.

PLEASE NOTE:
The front-ends of both actuators need to be disconnected for dual-leaf gate systems!

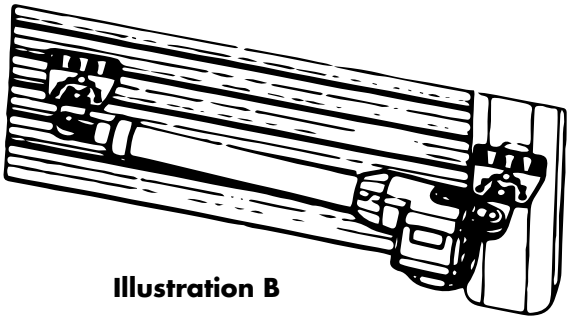


Illustration B

STEP 2: Swing the gate to the closed position. Find the best position to mount the lock and the receiver. It must be level with the actuator. The lock should be mounted on a gate cross-member or other solid part of the gate surface. The receiver should be mounted on the adjacent fence post. ***See Illustration C.***

STEP 3: Using the provided wire ties or C-clamps (not provided), position the lock in an approximate mounting position on a cross-member or other mounting surface that is level with the actuator. The lock can be moved to the exact position later in the installation process.

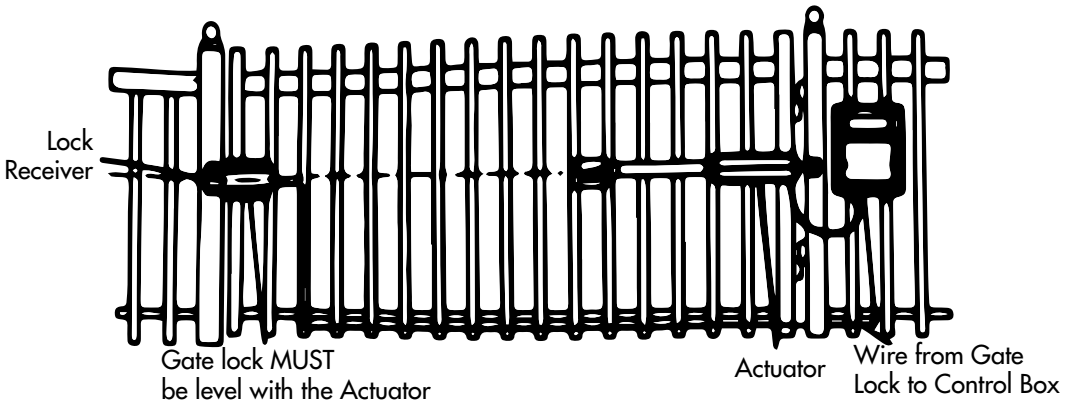


Illustration C

STEP 4: Find a location on the fence post, level with the gate lock and temporarily tie the lock receiver into position using the wire ties provided. Slide the gate lock back and forth until it lines up with the receiver. The pin holes on the receiver MUST line up with the slot in the lock. Once this position is achieved, mark the post through the centre of the two slots in the receiver.

STEP 5: Drill through the marks on the post and attach the receiver with the mounting bolts, washers and nuts that you have purchased separately.

STEP 6: The gate lock MUST now be permanently mounted to the gate cross-member or gate surface. Make sure that the lock is aligned with the receiver and mark the holes on the gate through the upper and lower slots on the lock.

STEP 7: Drill holes through the marks and attach the lock to the gate surface with the appropriate hardware. DO NOT use bolts greater than 5/16 inch diameter as they will not fit through the slots. ***See Illustration D***

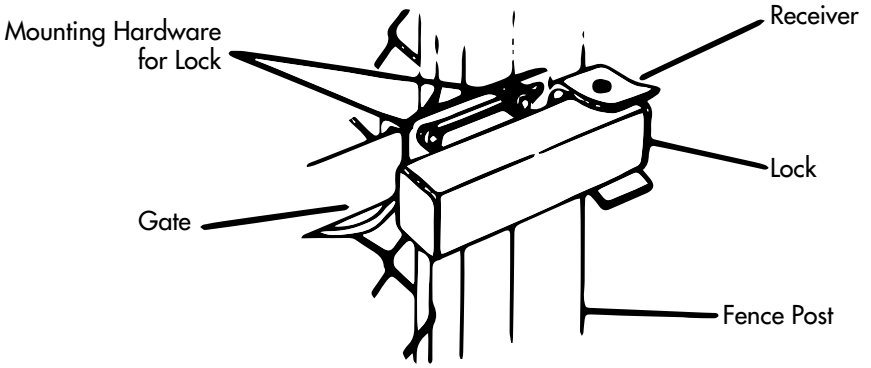


Illustration D

STEP 8: Insert the clevis pin through the holes in the receiver an hammer the locking cap onto the bottom of the pin.
PLEASE NOTE:
It may be easier to remove the receiver from the post and then hammer the pin into the blocking cap on a hard surface. Then the receiver can be re-mounted to the post.

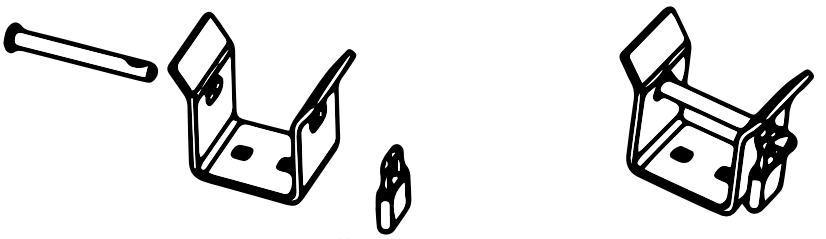
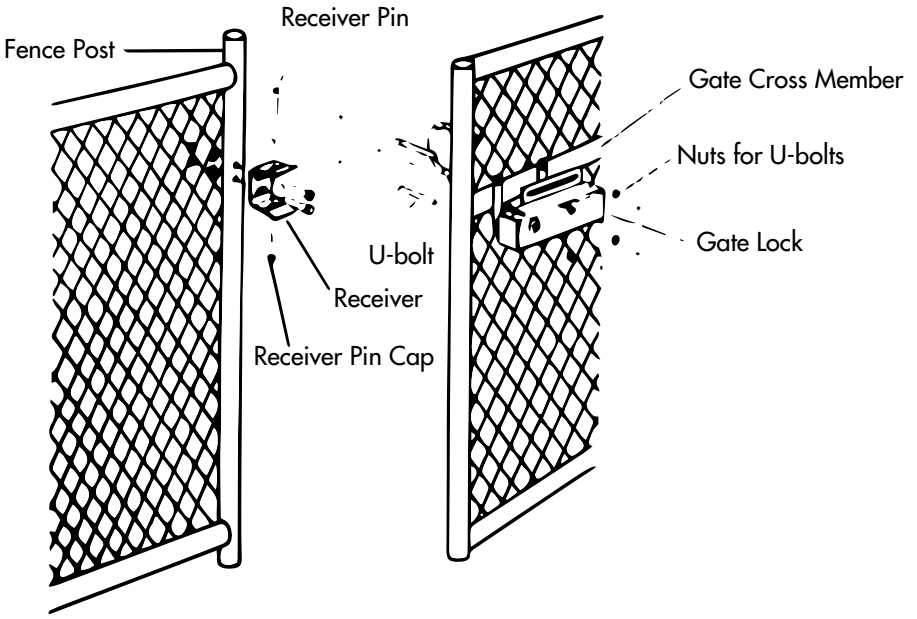


Illustration E

MOUNTING THE LOCK TO A CHAIN LINK FENCE GATE

PLEASE NOTE:

Mounting hardware for lock and receiver is NOT included. Size and type of fasteners varies with gate.



MOUNTING THE LOCK TO A STEEL TUBE OR OTHER TYPE GATE

PLEASE NOTE:

Mounting hardware for lock and receiver is NOT included. Size and type of fasteners varies with gate.

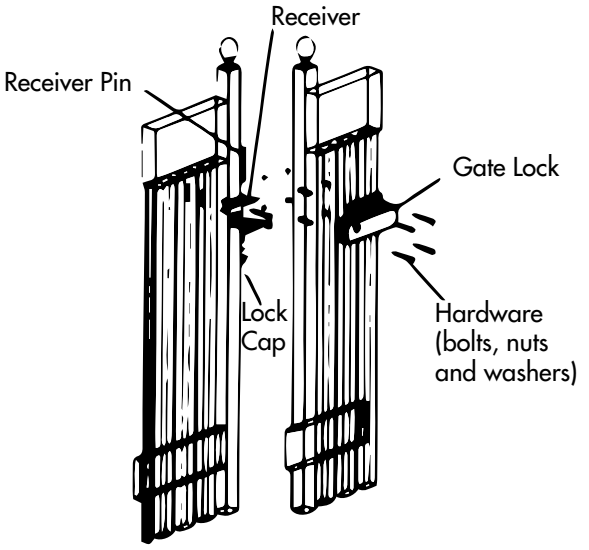


Illustration H

NOTE: Lock and receiver MUST be aligned and level!

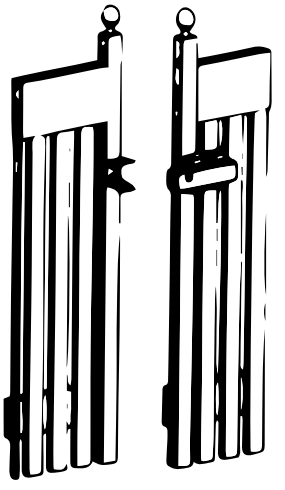


Illustration I

CONNECTING THE LOCK TO THE GATE OPENER CONTROL BOX

STEP 1: Turn the power switch on the control box to OFF. Remove the control box cover and the transformer (if applicable) from the AC power source.

STEP 2: Take the lock circuit board (5) from the box and connect the white wire (8) to terminal 1.
See illustration J.
Use a small flat-tip screwdriver to loosen the screw on the terminal. Insert the wire and then tighten down the screw.

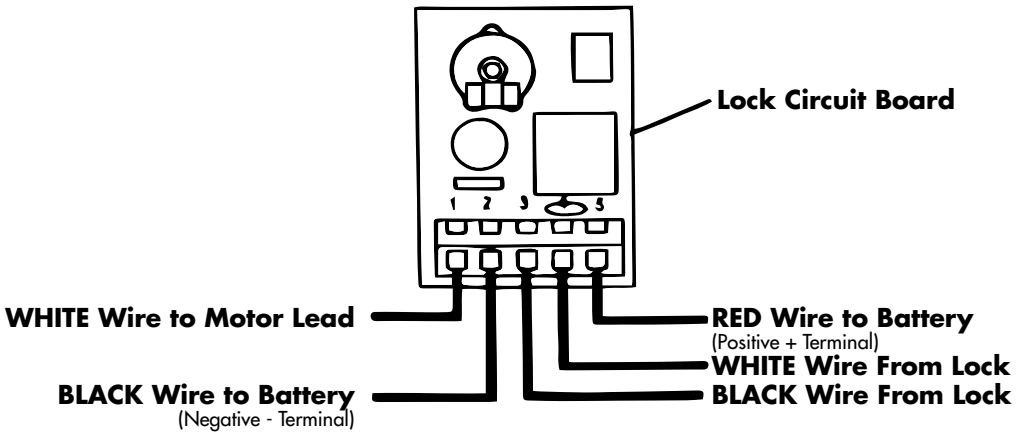
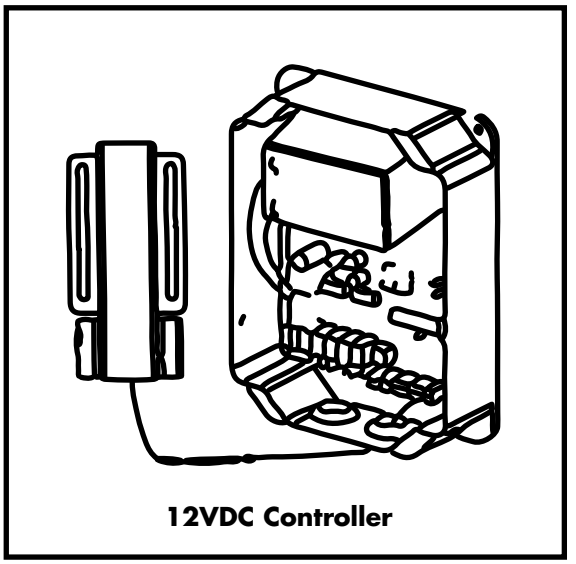


Illustration J

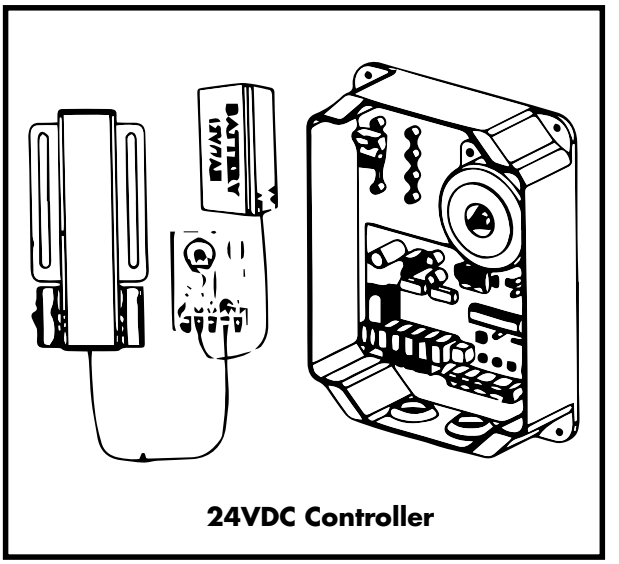
STEP 3: Connect the Red Battery Lead Wire (6) to terminal 5 and tighten screw.

STEP 4: Connect the Black Battery Lead Wire (7) to terminal 2 and tighten screw.

STEP 5: Slide the lock circuit board (5) into the slot on the lower left side of the control box.
See illustrations below.



12VDC Controller



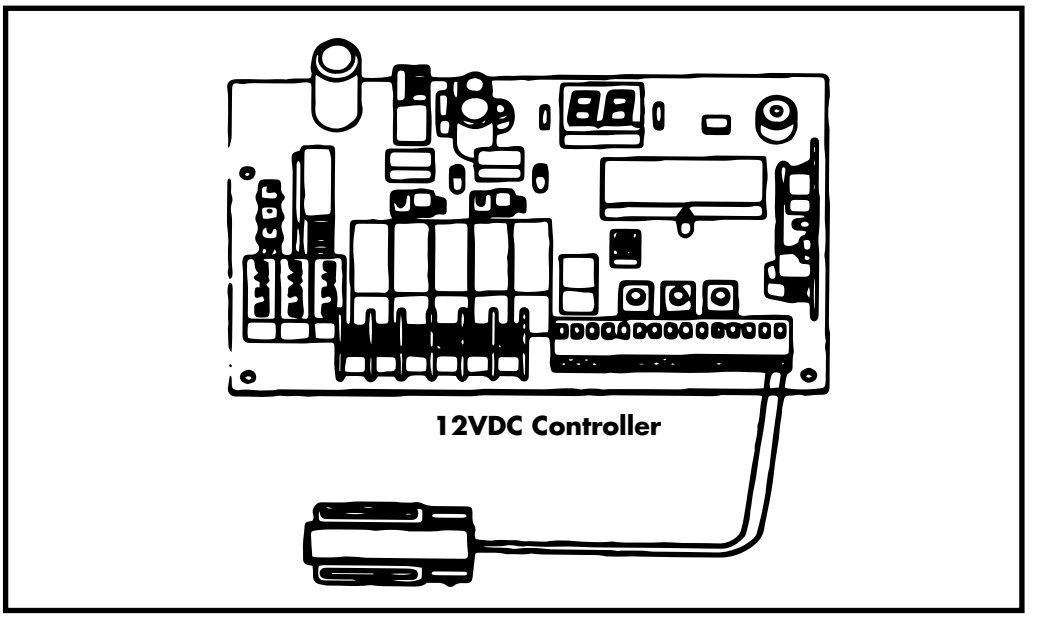
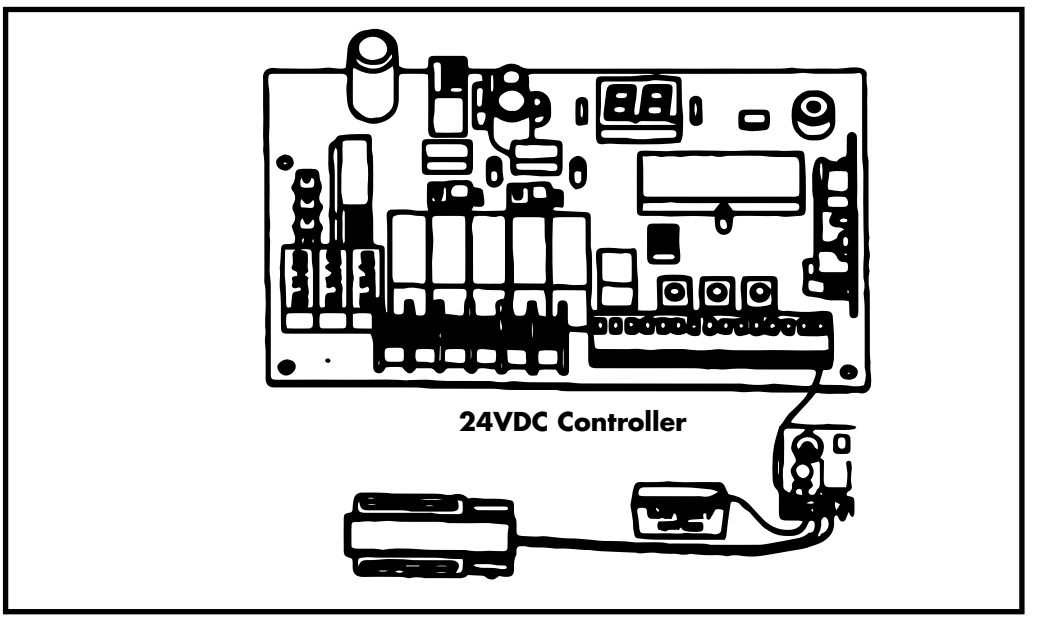
24VDC Controller

STEP 6: Re-attach the Battery Lead Wires to the Battery. Black wire connects to the Negative (-) terminal. The Red wire connects to the Positive (+) terminal.

STEP 7: Insert the wire ends from the gate lock through strain relief bushing on the bottom left of the control box. Connect the Black Wire to Terminal 3 of the Lock Circuit Board (5). Connect the White wire to Terminal 4. Tighten screws on the terminals. ***See illustrations below.***

STEP 8: Connect the Black Lead wire (7) from the Lock Circuit Board (5) to the double spade tongue terminal on the Black Battery Lead wire on the Battery. Connect the Red Battery Lead wire (6) from the Lock Control Board (5) to the double spade tongue terminal on the Red Battery Lead wire.

12V Control Box:



24V Control Box: