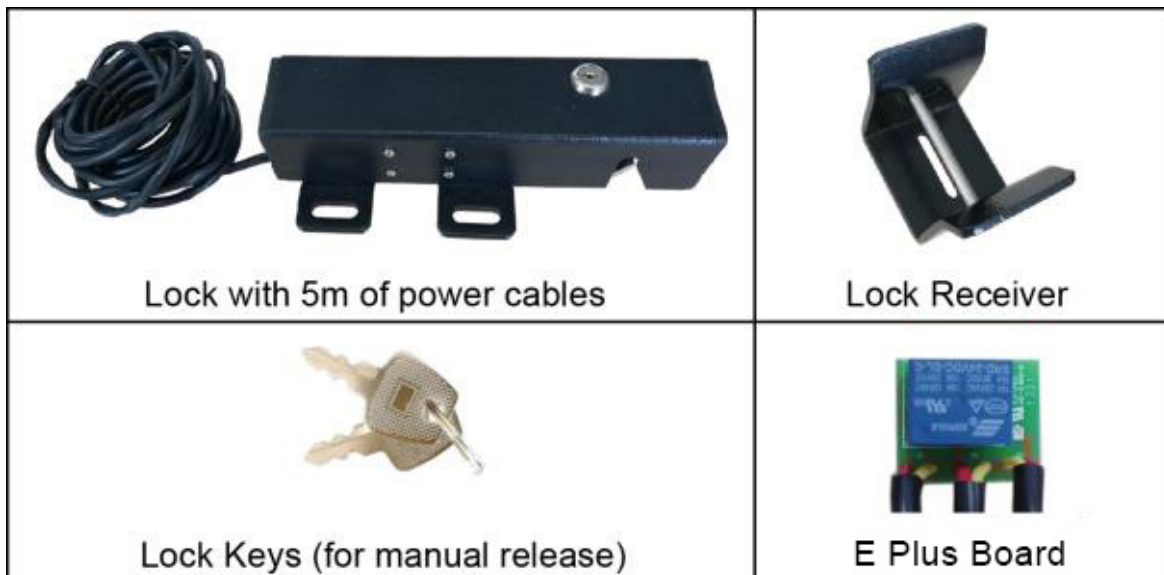


# Electric Lock to Suit Swing Gate Kits GTR169

Suits the Following Richmond Gate Motors: GTR058, GTR062, GTR078, GTR099

Electric locks are designed to secure your gate firmly in place and add extra security.  
 For dual gate installations we highly recommend using our GTR164 gate stopper.

**WARNING:** Not Recommended for single or double gates with solid infill front panels in high wind areas



## Important Information:

1. Before you install the Electric Lock please be sure the gate is level, moves freely, and does not bind or block against barriers
2. For the Electric Lock to work correctly, the gate must close firmly engaging the lock catch against the lock receiver.
3. The Electric Lock must be installed on the outside of the gate if the gate is **Push-to-Open** .
4. Due to the various mounting conditions , mounting hardware is not provided. Read this manual carefully to determine the mounting hardware required for your condition.
5. For dual gate, the lock must be installed on the Master Gate (gate 1) which is near the Control Box, and the lock receiver must be installed on the Slave Gate (gate 2).

(If the gate near the control box has been set up as slave gate, you can change the settings following User's Manual for your gate automation kit)

# Installation for Single Swing Gate

## Step 1:

Disengage the clutch of the swing arm with the Manual Release Key. Make sure you can move the gate by hand, so the gate can swing freely during installation of the Electric Lock.

## Step 2:

With the gate in the closed position, determine the best location for the lock and receiver. The lock and receiver must be level and aligned with the opener. The lock and receiver should have a solid surface or tube fence to provide stability

## Step 3:

For a **Metallic Tube gate**, if the thickness of the fence post is bigger than or equal to 3mm, you can thread on the fence post, and fasten the lock and receiver only using bolts (without nuts). Otherwise, drill holes throughout the fence post and fasten the lock and receiver with bolts, lock washers and nuts. Of course you could also weld them directly.

For a **Chain Link gate**, you will need U Bolts, saddles, lock washers and nuts for the lock and receiver.

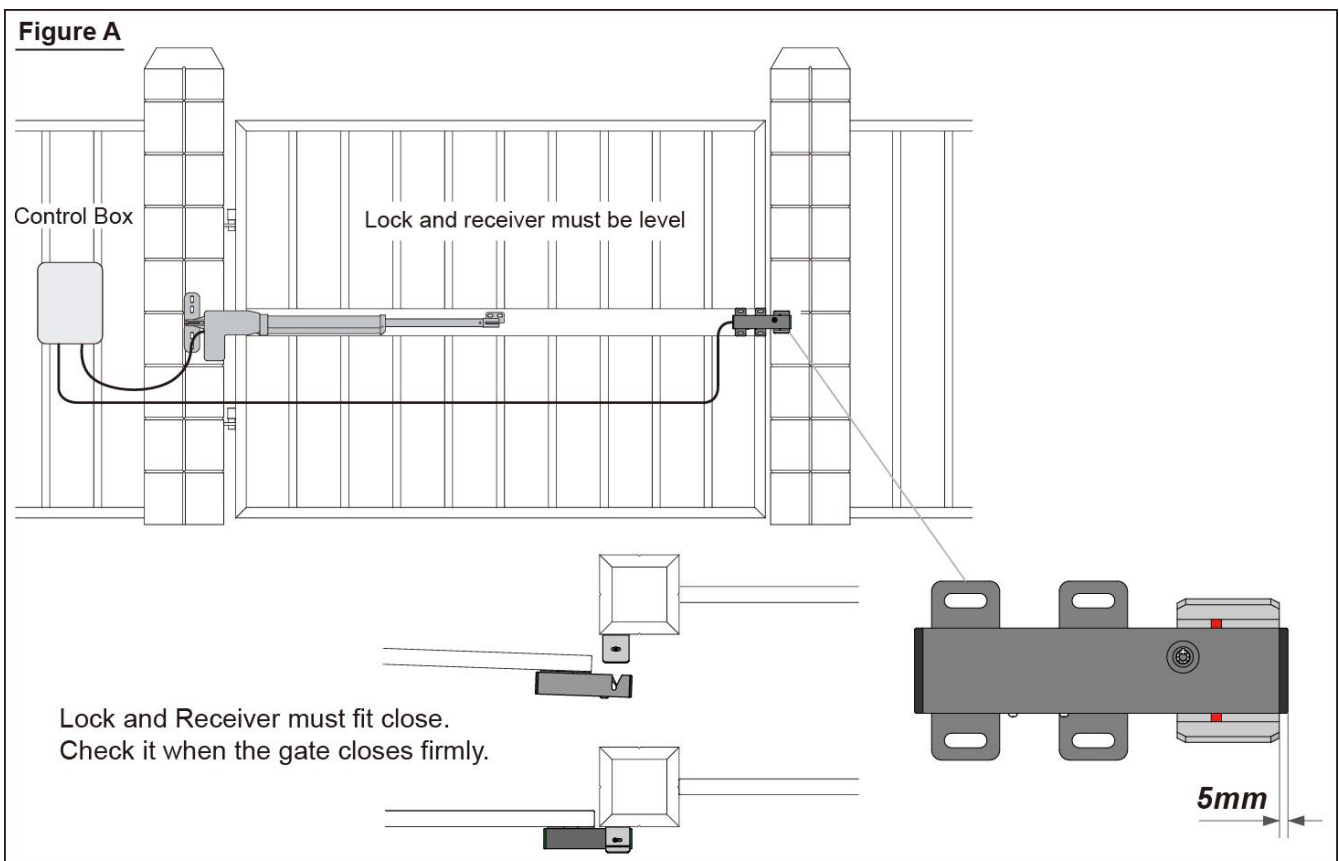
## Step 4:

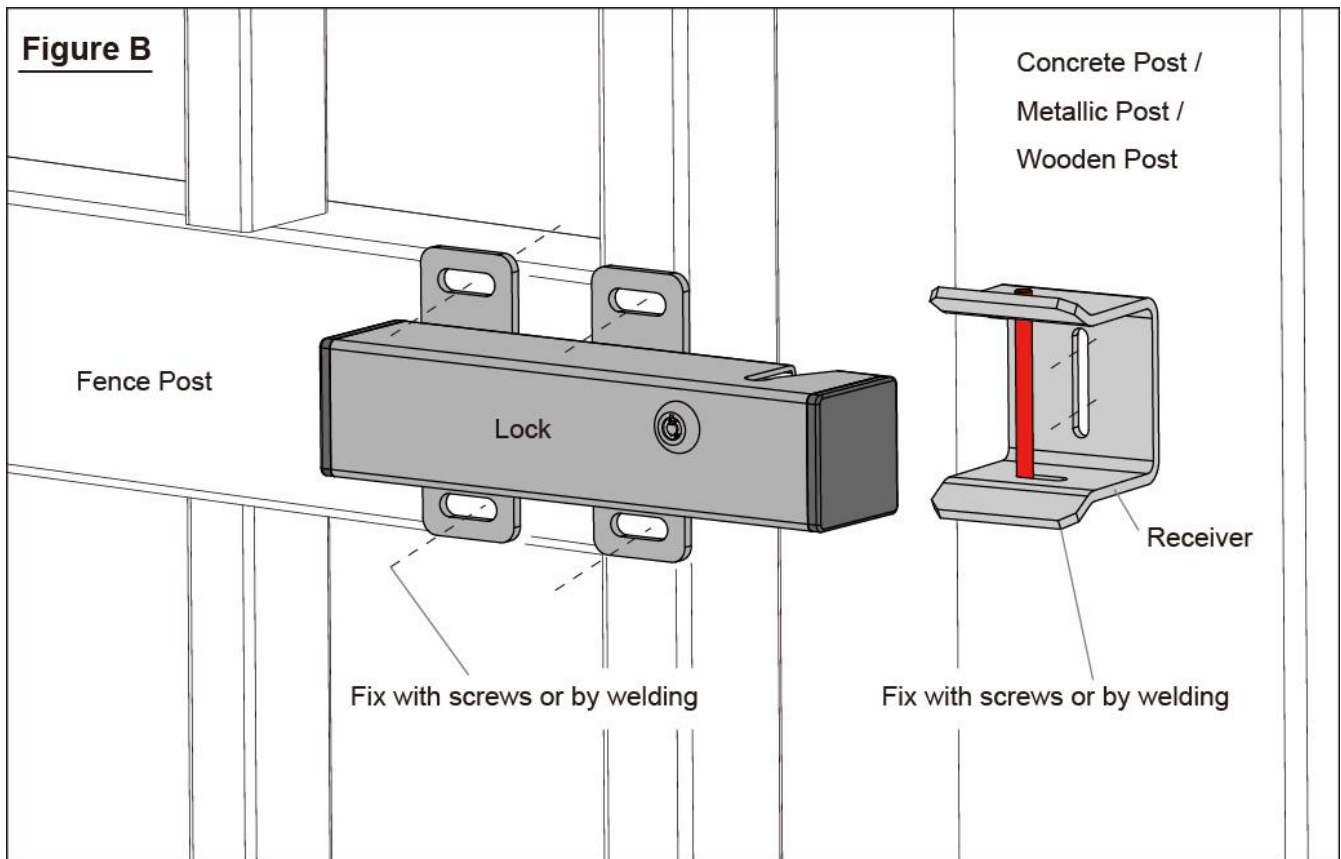
Recheck the locks position and alignment, make sure the electric lock is working correctly.

## Step 5:

Connect the power cables for the lock to the control board of swing gate opener and Lock plus board. (See Figure E and F).

**Note: Be sure that the clutch of the swing arm is engaged before you prepare to activate your opener (Use the Manual Release Key)**





## Installation for Double Swing Gate

### Step 1:

Disengage the clutch of the swing arms with the Manual Release Key. You can move the gate by hand, so the gate can swing freely during installation of the Electric Lock.

### Step 2:

With the gates in the closed position, determine the best location for the lock and receiver. The lock and receiver must be level and aligned with the swing arms. The lock and receiver should have a solid surface or tube fence to provide stability.

### Step 3:

For **Metallic Tube Gates**, if the thickness of the fence post is bigger than or equal to 3mm, you can thread on the fence post, and fasten the lock and receiver only using bolts (without nuts). Otherwise, drill holes throughout the fence post and fasten the lock and receiver with bolts, lock washers and nuts. Of course you could also weld them directly.

For a **Chain Link Gates**, you will need U Bolts, saddles, lock washers and nuts for the lock and receiver.

### Step 4:

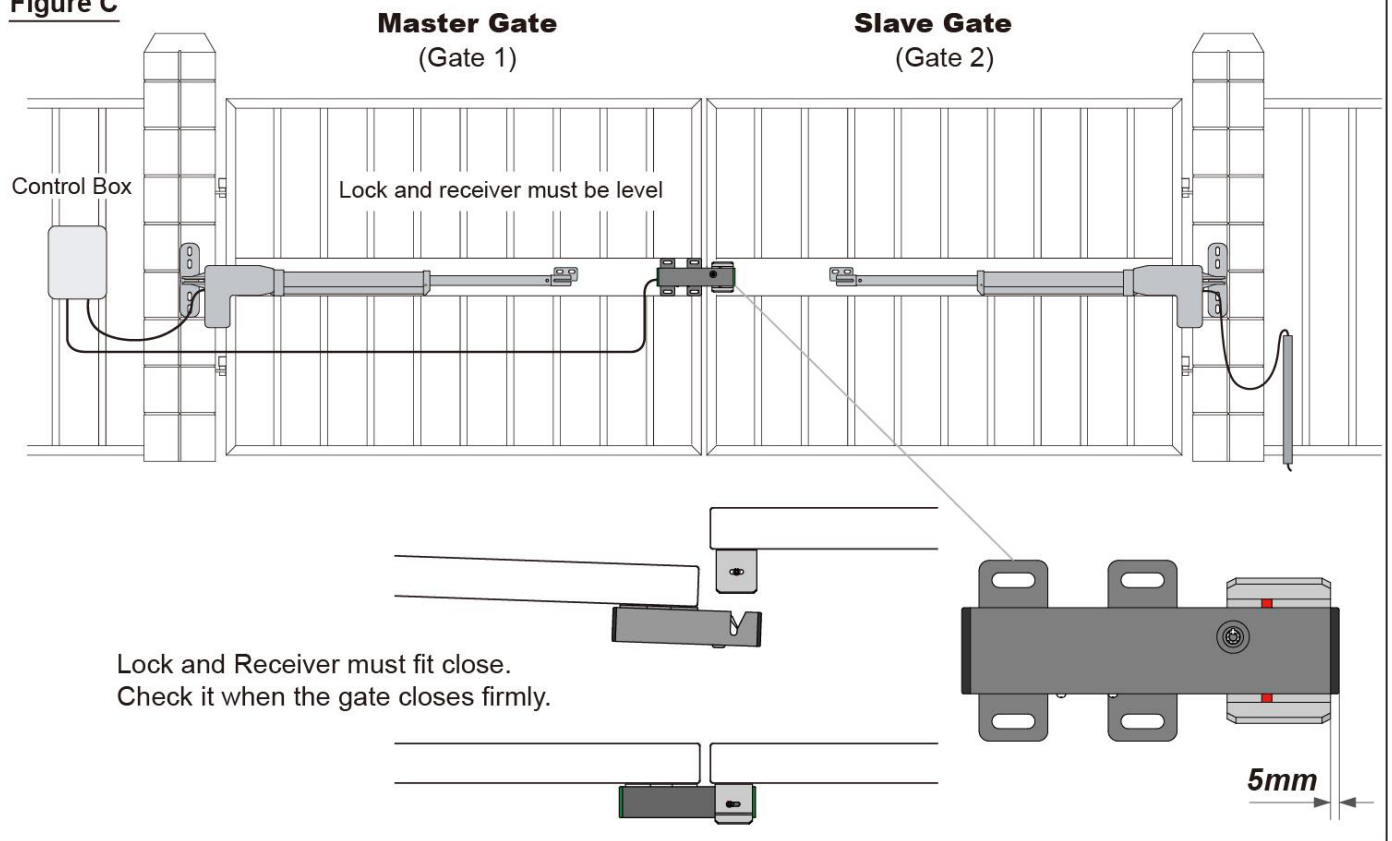
Recheck the locks position and alignment, make sure the electric lock is working correctly.

### Step 5:

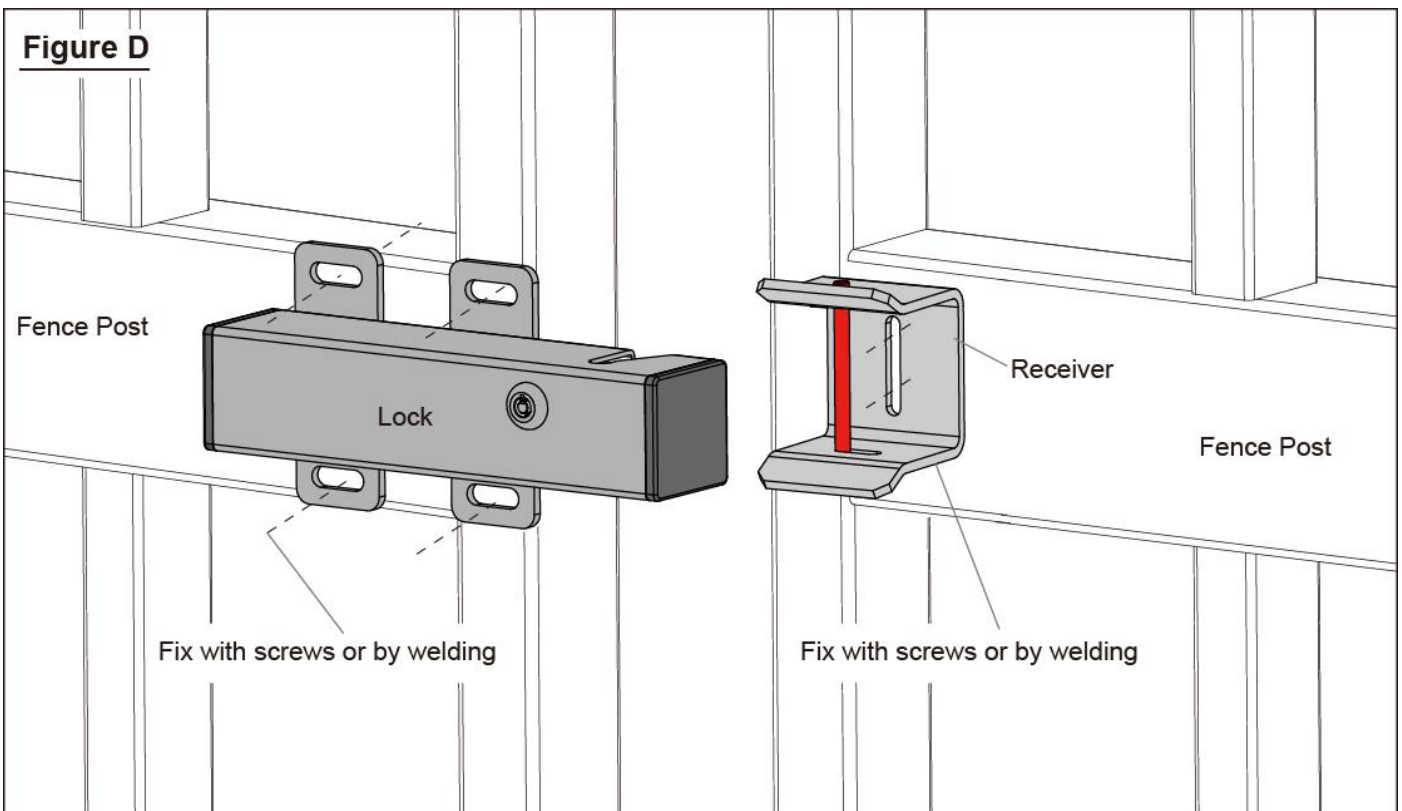
Connect the power cables for the lock to the control board of swing gate opener and Lock plus board. (See Figure E and F).

**Note: Be sure that the clutch of the swing arms is engaged before you prepare to activate your opener (Use the Manual Release Key)**

**Figure C**



**Figure D**



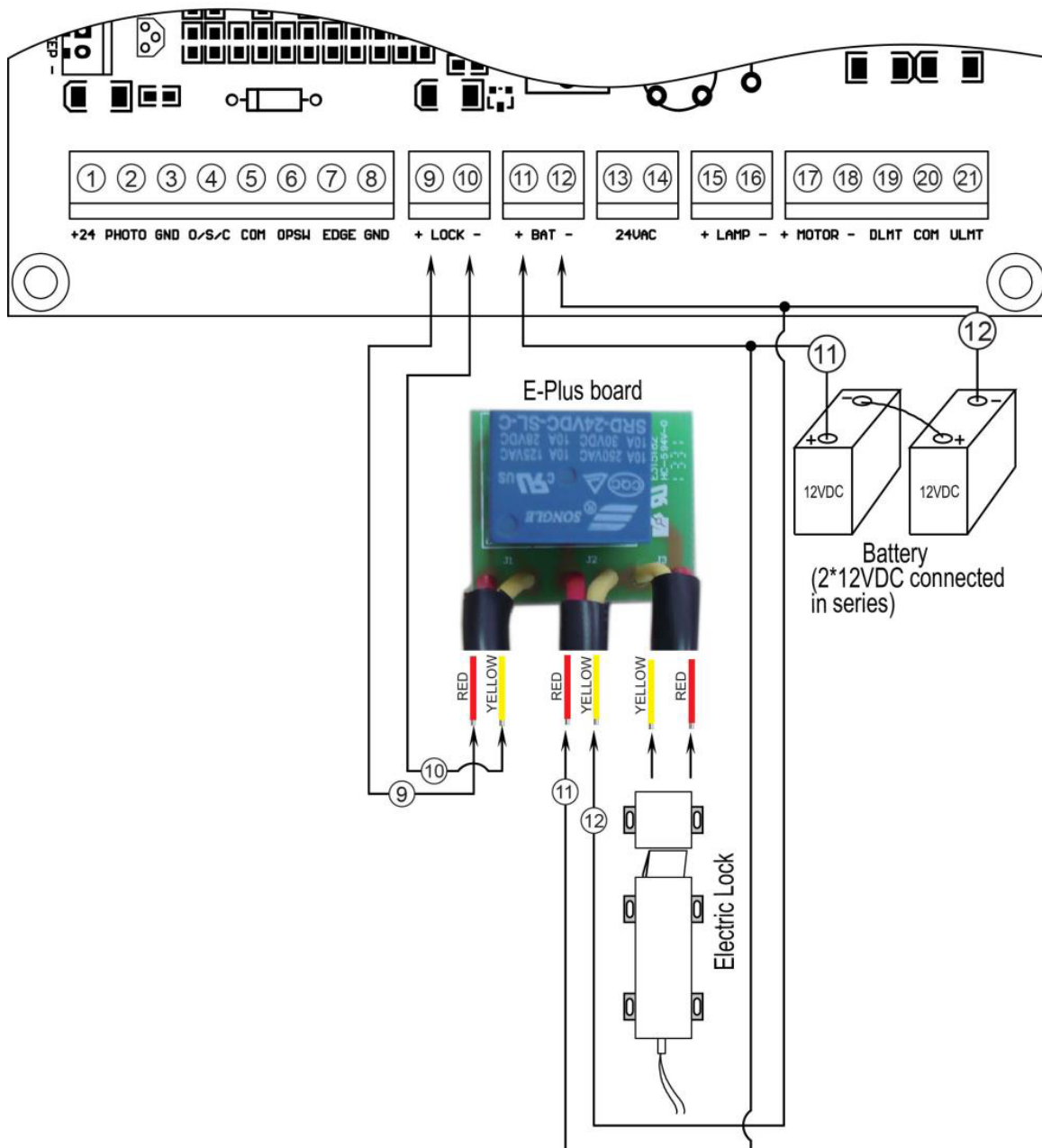
# Connecting the Lock to the GTR099, GTR062 and GTR078 Automatic Gate Kits

The electric lock has been connected with the E-Plus board. Disconnect the terminals so that the electric lock wires can be fed through the access port and reconnected to the E-Plus board.

The other wires of the electric lock should be connected to the control board using the following wiring diagram, or the wiring diagram in the swing arm manual.



**Figure E**



## Connecting the Lock to the GTR058 and GTR100 Automatic Gate Kits

The wires of the electric lock should be connected to the control board as the following wiring diagram and the wiring diagram in their the swing arm manual.

**Figure F**

