



Electric Lock for Swing Gates (GTR169) Installation Manual

When the length of your gate is more than 1.5 meters, we recommend installing an Electric Lock. An electric lock provides extra security and stability to your gate system. The lock provides extra protection against environmental hazards such as strong winds.

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

Electric Lock Part List

 Lock with 5m of power cables	 Lock Receiver
 Lock Keys (for manual release)	

Before You Start:

1. Before installing the electric lock please ensure that 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 to engage the lock catch against the lock receiver.
3. The Electric Lock must be installed on the outside of the gate if the gate is set up as **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 installation.
5. For dual swing gates, the lock must be installed on the Master Gate (gate 1) which is near the Control Box, the lock receiver must be installed on the Slave Gate (gate 2).

Note: If the gate near the control box had been setup as slave gate, you can change the settings by following the Gate Automation Kit manual.

Installation for Single Gate

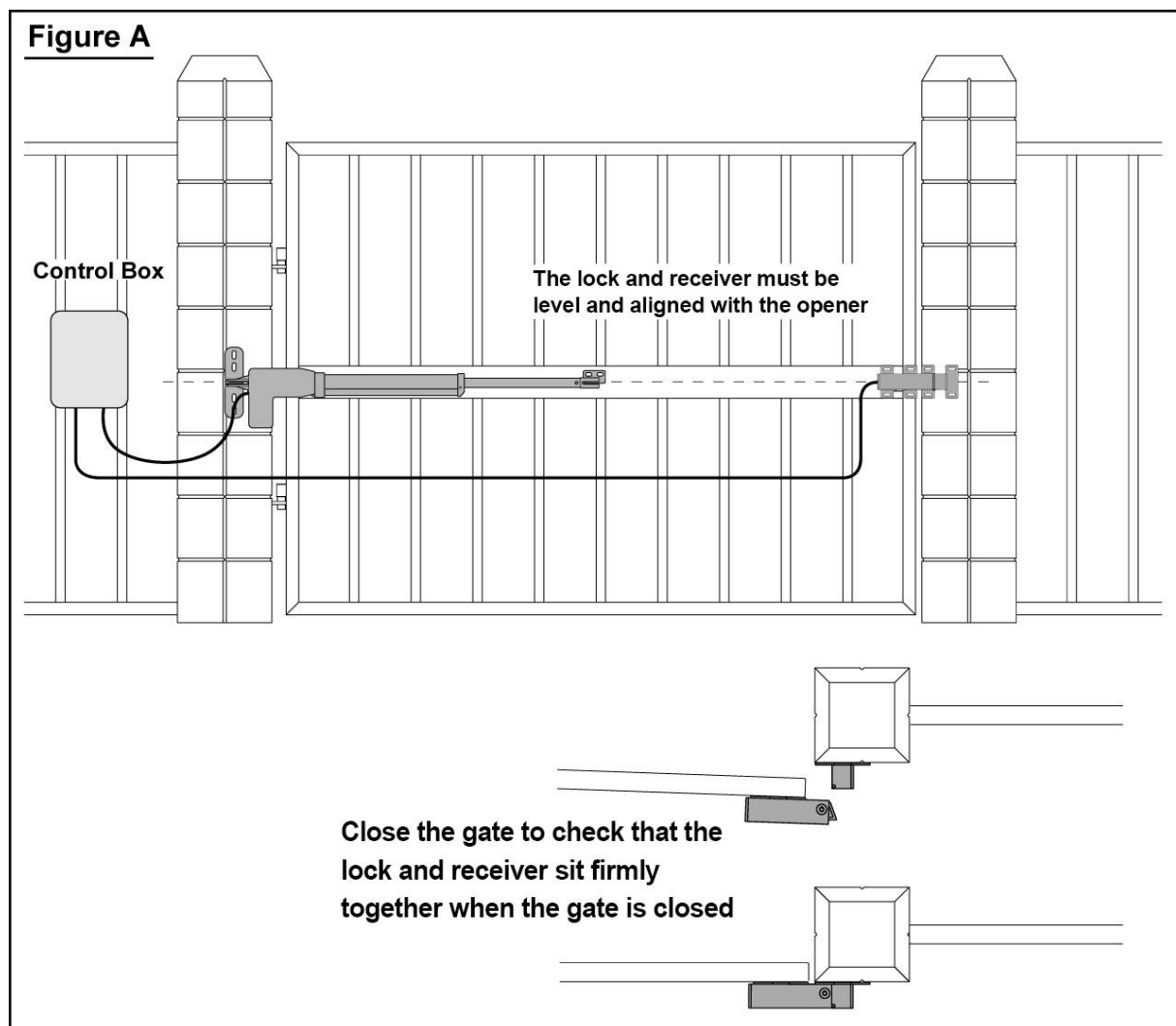
1. Put the Gate Arm in Manual mode so the gate can swing freely during installation of the Electric Lock.
2. With the gate in the closed position, position the lock and receiver must so that they are level and aligned with the opener. The lock and receiver should be mounted on a solid surface or tube fence for stability
3. For a **Metallic Tube** gate, if the thickness of the fence post is larger than or equal to 3mm, you can drill and tap the fence post directly, and fasten the lock and receiver using set screws. Otherwise, you will need to drill holes through the fence post, fasten the lock and receiver with bolts, lock washers and nuts.

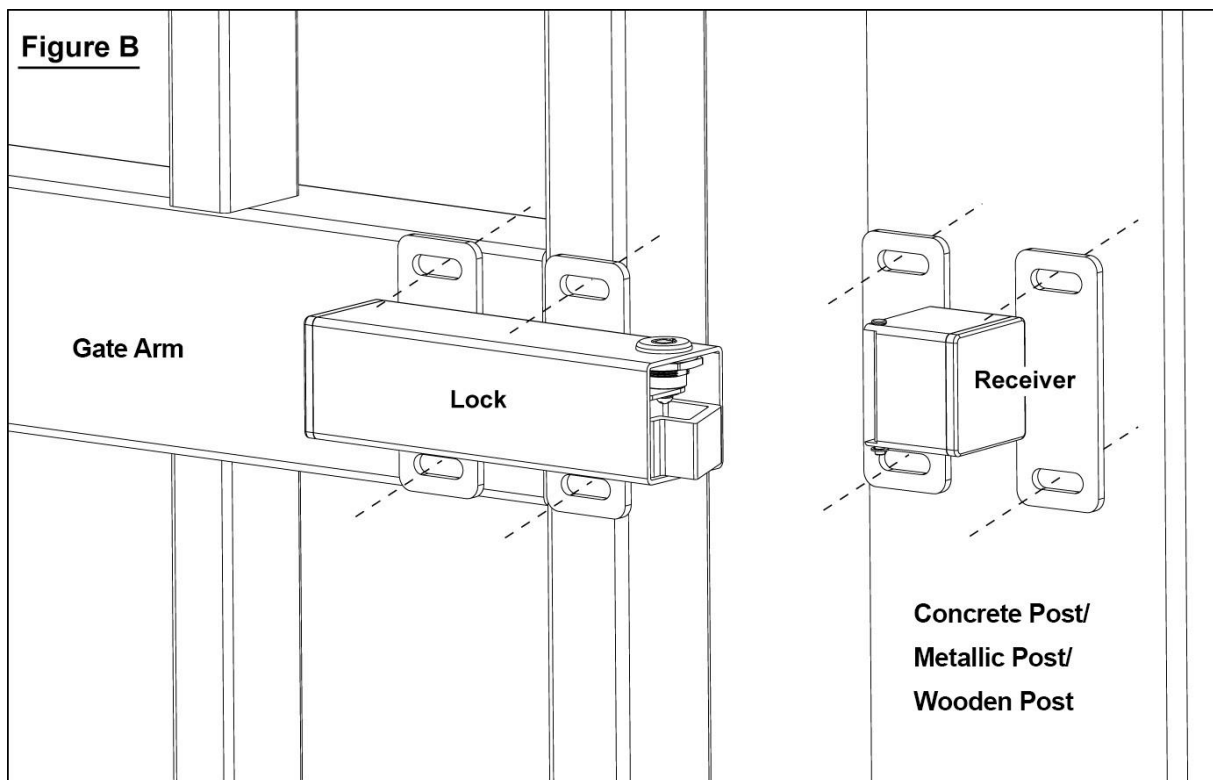
For a **Chain Link** gate, you will need U-Bolts, saddles, lock washers and nuts for the lock and receiver.

Step 4: Recheck the lock's position and alignment, make sure the electric lock will be able to open and close correctly.

Step 5: Connect the lock's power cables to the PCB (Circuit Board), refer to **Figure E**.

Note: Be sure that the Gate is not in Manual Mode before you activate the opener.





Installation for Dual Gate

1. Put the Gate Arms in Manual Mode so the gates can swing freely during installation of the Electric Lock.
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 openers. The lock and receiver should have a solid surface or tube fence to provide stability.
3. For **Metallic Tube** gate, if the thickness of the fence post is larger than or equal to 3mm, you can drill and tap the fence post directly, and fasten the lock and receiver using set screws. Otherwise, drill holes through the fence post, fasten the lock and receiver with bolts, lock washers and nuts. For Chain Link gates, you will need U-Bolts, saddles, lock washers and nuts for the lock and receiver.
4. Recheck the lock's position and alignment, make sure the electric lock to work correctly.
5. Connect the lock's power cables to the PCB, refer to the relevant diagram.
6. **Note: Be sure that the Gate is not in Manual Mode before you activate the opener.**

Figure C

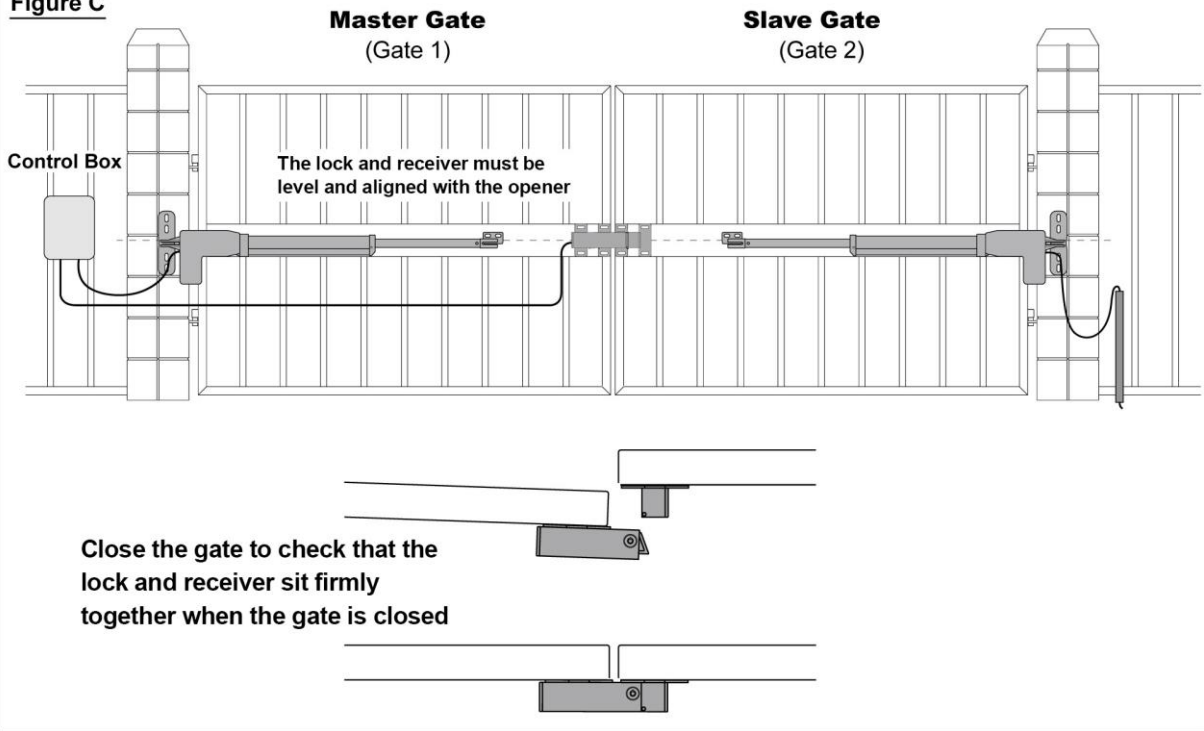
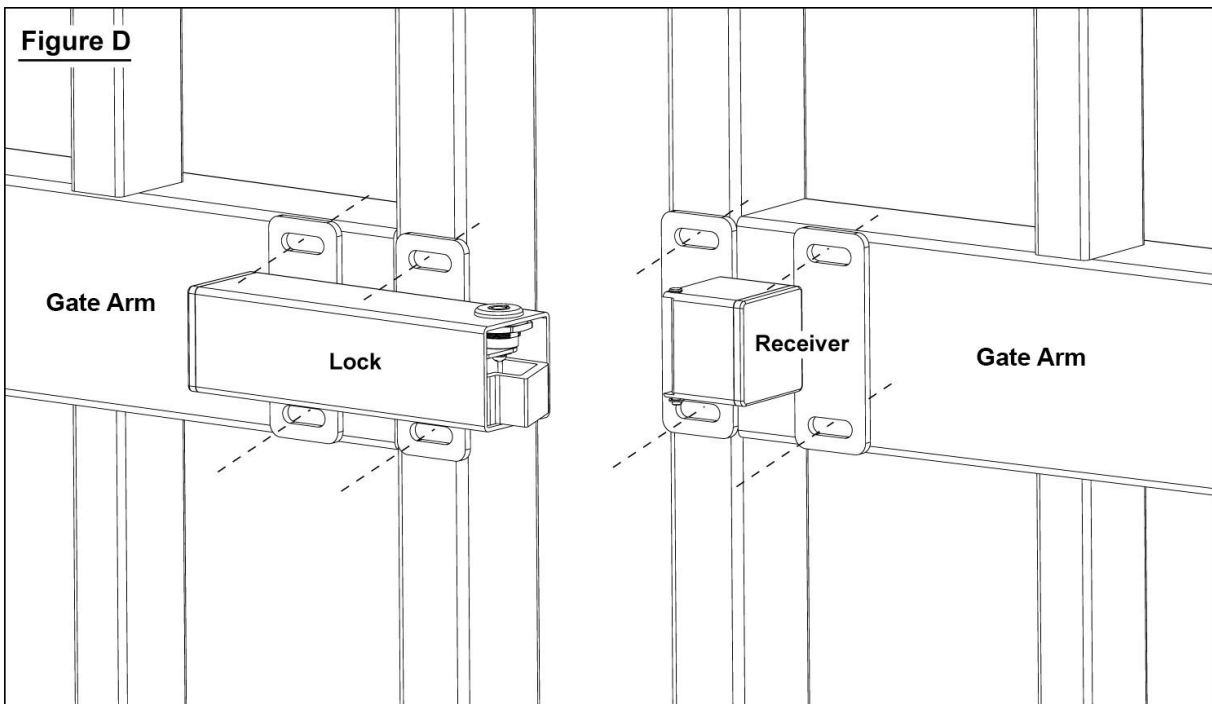
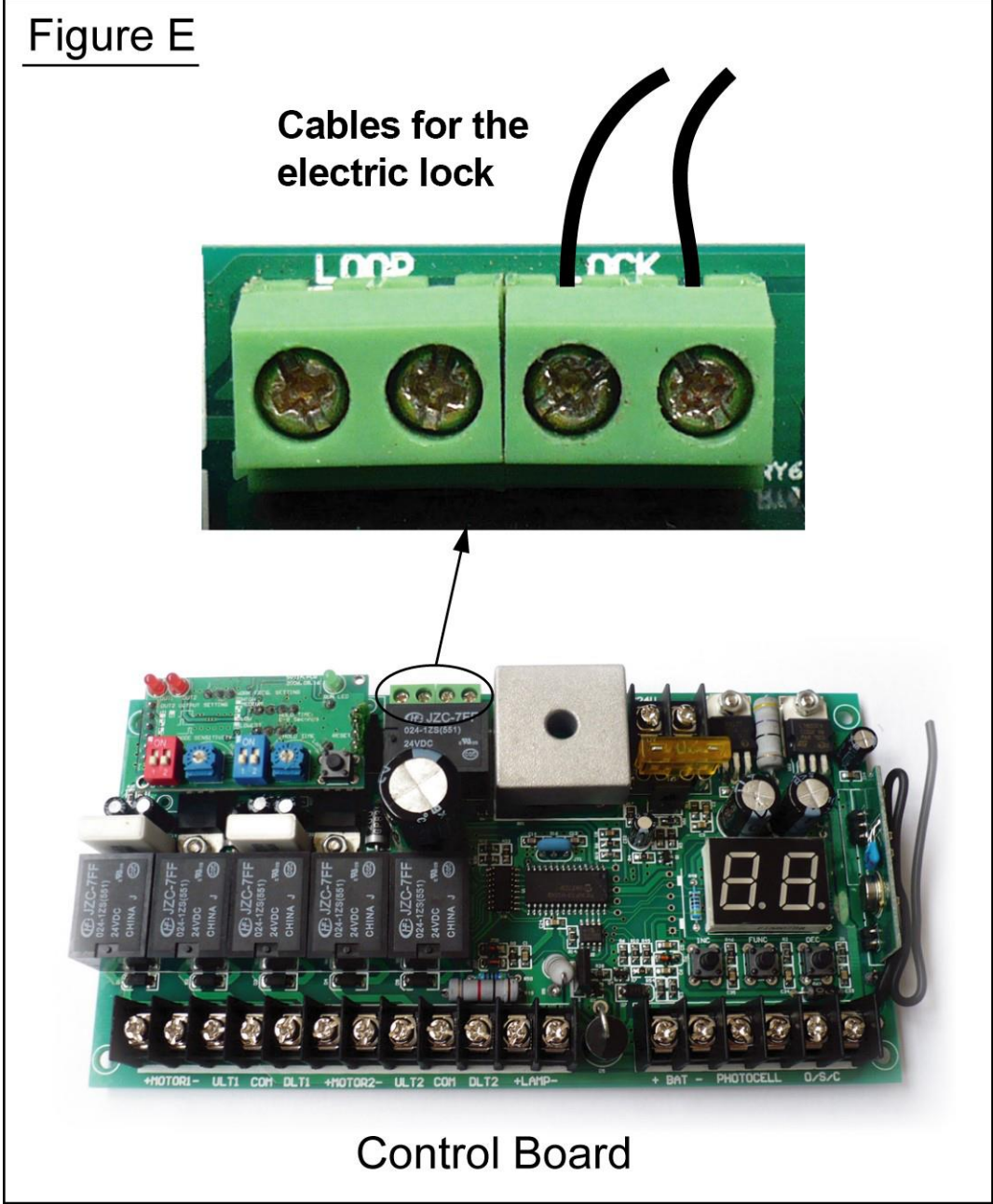


Figure D



Connecting the Lock to the Control Board of GTR058/GTR100



Connecting the Lock to the Control Board of GTR099

Figure F

