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GTR181 Electric Swing Gate Lock



Compatible with the following Richmond motors.		
Swing Motors		
GTR099 ✓	GTR058 ✓	GTR062 & GTR078 ✓
GTR500 & GTR501 ✓	GTR502 & GTR503 ✓	
! Compatible with a large range of other manufacturers gate openers.		

Technical Specs:

- **Power Supply:** 12-24vDC
- **Power Cable:** 5-metres x 2-core cable
- **Current draw:** 50mA (active)
- **Operating temperature:** -10°C to 50°C
- **Emergency Release:** Manual Key to unlock
- **Keys Included:** Yes
- **Dimensions:** 218mm x 102mm x 53mm
- **Weight:** 1.8kg
- **Fixings Included:** No

Using the GTR181 Electric Gate Lock:

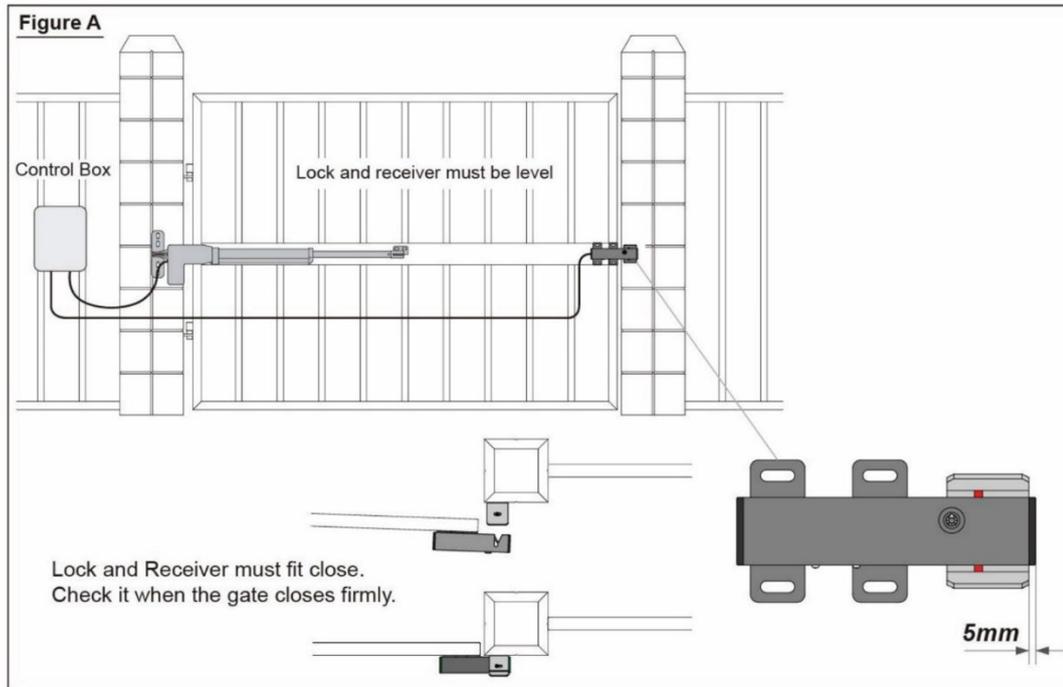
The GTR181 Electric Gate Lock allows additional peace of mind when securing your swing gate. The new low friction design allows a softer close and easier opening. This is extremely important when being fitted in locations that suffer wind gusts as it avoids the binding issues commonly found in outdated gate lock systems.

Once correctly installed, the lock will automatically operate when a gate opening is triggered.

For older systems, an e-plus board is included.

This operates the gate lock for up to 3 seconds to allow the gate to open far enough and avoid binding.

The lock should be fitted to the inside of a standard push-to-open gate.



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).

Installation to a Swing Gate

Step 1: Make sure the gate moves easily by hand. This will freely correct operation 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. 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 through 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 swing arm is engaged before you prepare to activate your opener.