



Queensland Gate Automation  
07 3085 8750  
sales@qga.com.au  
Unit 21, 9-15 Sinclair Street  
Arundel QLD 4214



Authorised Distributor - Queensland

### Swing Gate Motor Installation Tips

**In order to have a successful installation and operation of your linear swing gate motors please follow these tips.**

1. If it is your first installation, please read the manual – an obvious one but often overlooked.
2. Ensure that your motor mounting is within the A & B measurements (geometry) as per the installation manual.
3. **PLEASE NOTE THAT AN ELECTRIC LOCK IS REQUIRED BY CENTSYS ON ALL SWING GATE MOTORS OVER 2.5m LEAF (5m on double swing) FOR A SECURE CLOSE IN WINDY AREAS OR DUE TO FORCED ENTRY.**
4. The bolt on bracket supplied may need to be cut down to suit the correct A & B measurements. For the gold coloured offset bracket – as a general rule (but not in all cases) the furthest hole will suit a Vantage 500 and the middle hole will suit a Vantage 400.
5. Ensure that the motor is level or preferably angled very slightly downwards from the gate hinge to the centre of the gate. This will ensure that water ingress does not occur when the gates are operated in wet weather.
6. Ensure that all cables are run through conduit. The special 6 core vantage cable run between the motors should be one single length.
7. Ensure that no cables are joined underground – even if they are in conduit – have all joins above ground in weatherproof junction boxes.
8. Use the specifically sourced 6 core Vantage Cable to join motor operators.
9. Ensure all wiring is secure on control panel. Ensure all cable joins are done correctly and preferably soldered together.
10. Ensure the battery cables are securely fitted to the battery terminals. Preferably use a lubricant such as white lithium gel to coat battery terminals to avoid corrosion. **The motor will not operate without the battery.**
11. On initial installation, the gate motor can be stiff to use in manual mode (when key is unlocked). For an inward moving gate, start with the gate in the open position, have the motor unlocked, apply pressure to the gate and the motor should move to the closed position.
12. If the limits have been set previously and then the gate motor is disengaged manually, it should be re-engaged in the half open position before triggering the gate with the remote.

### For Outward Swinging Gates

**To setup gate leaves for outward swinging gates please follow the following before commencing the setup procedure.**

1. Disengage the operators and manually push the gate to the desired fully CLOSED position.
2. Push the origin clamps up against the 'nose' of the actuator and tighten. The clamps will prevent the actuator from extending past the position.
3. Next, manually push the gates until they are in the desired fully open position and engage the operators;
4. Commence the setup procedure as per the manual (the controller will prompt you as to whether it is an inward or outward opening installation. Ensure that you select OUTWARD when prompted.



Queensland Gate Automation  
07 3085 8750  
sales@qga.com.au  
Unit 21, 9-15 Sinclair Street  
Arundel QLD 4214

**FAAC**  
*Simply automatic.*



Authorised Distributor - Queensland

### **If Using Solar**

1. It is essential that the solar panel is installed off the ground.
2. The solar panel must face in a northerly direction and be angled at around 45'.
3. The solar panel must receive **FULL SUN** for at least 6 hours a day. A solar panel that is partly shaded does not provide any charging output. Part shade is the most common cause of batteries not charging sufficiently.
4. The solar panel must not be shorted (don't touch the wires together) and must not have its polarity reversed (positive output must go to positive input).
5. The two wires from the solar panel are to be wired into the + and – points on the regulator for solar panel inputs.
6. **The battery and regulator should always be positioned as close to the motor as possible.** The solar panel can be set back in a position that gets full sun.