



## **Servicing Your Gate and Motor**

Your gate and gate motor are both very important pieces of equipment. This equipment is like a vehicle, which requires preventative maintenance especially on the coast where corrosion is a big factor.

### **The following MUST be done at regular intervals: (6 - 12 months)**

1. Check gate over to ensure gate is still in good working order – Refer to page 13 of user manual
2. If solar, using a multimeter, disconnect the solar panel from the solar regulator, now put your multimeter into reading 20vdc. While the battery is connected to the unit, place the multimeter pins onto the battery terminals and operate the gate for 3 complete cycles. Ensure the voltage remains above 12vdc. If your battery falls below 12vdc you should place it on a 12v battery charger and repeat this step once your charger says the battery is full. If the battery voltage drops below 12vdc, replace your battery.
3. Check that mounting brackets have not shifted and that bolts are tightened.
4. Check the actuator arm isn't binding on the secondary bracket at any stage – Refer to page 25 of user manual.
5. Check the actuator arm cable is still in good condition and no twists or kinks etc.
6. Check inside main control box to ensure no insects or moisture has gotten in
7. Check silicone is still in place of all entry points to the main control box and has not deteriorated over time
8. Check over all accessories that are connected to your automation kit such as keypads, pushbuttons, receivers etc.
9. If your unit is electric with backup battery, using a multimeter, turn off transformer power, now put your multimeter into reading 20vdc. While the battery is connected to the unit, place the multimeter pins onto the battery terminals and operate the gate for 3 complete cycles. Ensure the voltage remains above 12vdc. If your battery falls below 12vdc you should place it on a 12v battery charger and repeat this step once your charger says the battery is full. If the battery voltage drops below 12vdc, replace your battery.

**Check your motor regularly for any signs of insects.**

**You can place mothballs inside the motor housing to help deter insects, though a visual inspection should be conducted at regular intervals, especially around the wet season.**