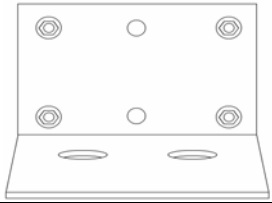
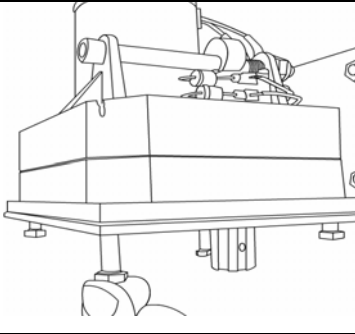
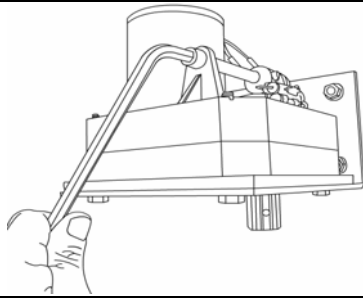
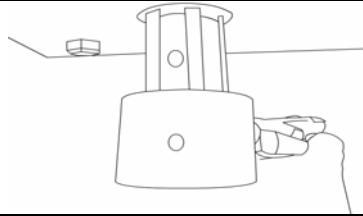
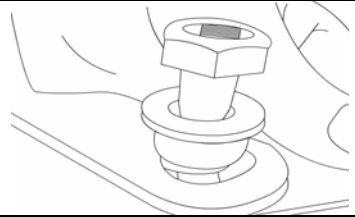
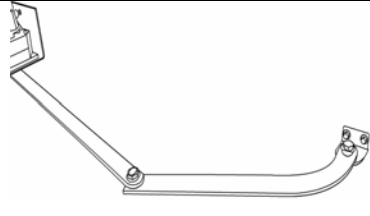
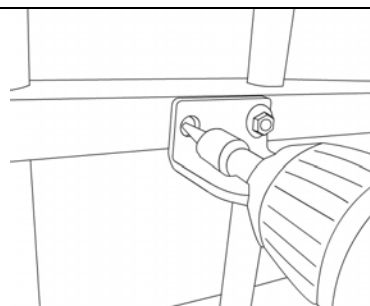
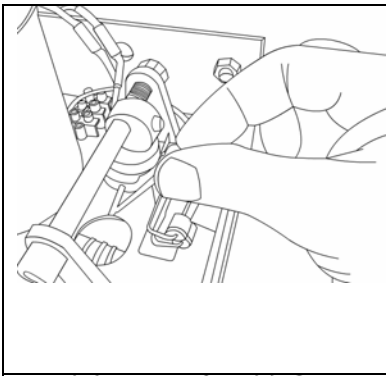


Mechanical Arm Swing Gate Operators

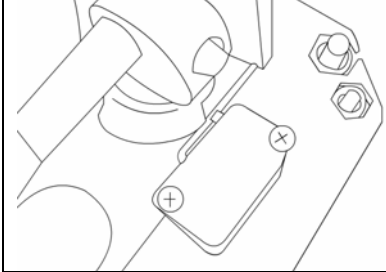
Model: SW- 300

INSTALLATION INSTRUCTIONS

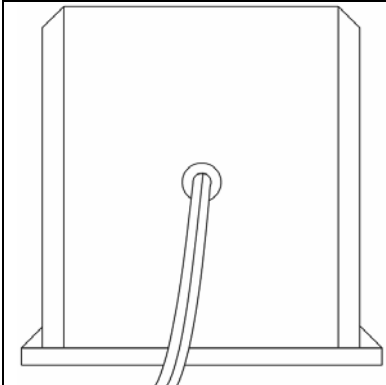
	<p>Install the motor's mounting bracket to the brick pillar with 50mm x 10mm dyna-bolts. Coach screws are required for timber posts. Tech screws required for steel posts. (Refer to mounting position diagram)</p>
	<p>Fit the motor on the mounting plate with the screws and bolts supplied. The bolts should be inserted from underneath the plate with the nut in the allocated slot on the motor housing.</p> <p><u>Please Note:</u> The motors are Left and Right hand so the motor output shaft should be in the hole closest to the gate.</p>
	<p>Use the override key to release the motor. Insert the hex release key supplied and rotate it <i>Clockwise</i> until the pin release is pressed down and the output shaft is disengaged and is free to rotate and move to each side.</p>
	<p>Fit the primary arm onto the motor's shaft. Make sure that the hex screw's hole is aligned with the hole on the output shaft, so it will insert into the hole while tightening it through the arm.</p>
	<p>Bolt the primary and secondary arms together.</p> <p>NOTE: The arms will not bolt tight together due to the pivot spacer. This allows the arms to be flexible and pivot when being used on rising hinges.</p>
	
	<p>Fit the gate bracket to the gate. Use tech-screws and bolt it to the frame.</p>



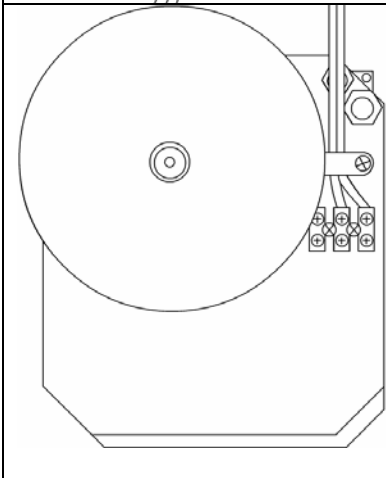
Open the gates and use a 2mm Allen key to set the end of opening limit switch by the **button cam** in each motor. The bottom cam should hit the limit switch in the end of opening and a “click” sound will be heard to indicate that the opening limit is activated. Tighten cam’s screw and make fine adjustment by gently tapping the cam with a hammer and screwdriver.



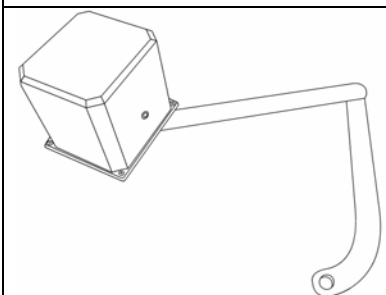
Close the gates and set the top cam to hit the limit switch of end of closure in each motor the same way as the above.



Insert the wires of each motor through the motor’s cover. The wires hole in the cover should face the wall when it is placed back to cover the motor.



Connect the wire to the motor’s terminals in one side and to the control box on the other end. Make sure that wires of the motor that should open first is connected to the MOTOR –1 output on the control board. MOTOR-2 will open second. This is to allow for overlapping gates, to open and close with a delay time. The delay time is set automatically during the programming set up. A stopper bracket is recommended for all gates in the middle of the dive-way as accuracy of limit switches can not be guaranteed. Wind and other factors may cause the closing position to alter.



Now engage motor with the override Allen key, by rotating it *anti-clockwise*.

Motors are now ready to be set up.

See set up procedure in the CP12 control panel’s booklet.