

FOR CONTROL PANEL ABC2MAG BUL - TOPO

Trouble shoot guide, Problems and Solutions

PROBLEM	POSSIBLE SOLUTIONS
8.1 Gates will not open	<ul style="list-style-type: none"><li>* Check power is on.</li><li>* Check fuses</li><li>* Recording Mode ON.</li><li>* Check motor/encoder connections on terminals. 7,8,9,10,11 &amp; 25,26,27,28,29.</li><li>* Check for correct illumination on LED's. DL18 ON DL9 ON DL11 ON</li><li>* Check manual release.</li><li>* Check battery in transmitter.</li><li>* Check coding on radio receiver.</li><li>* Check photocells for obstacle, correct connection or damage. DL9 &amp; DL11 must be ON</li><li>* check for water ingress on motors or connections.</li><li>* Check adjustment of torque trimmers.</li></ul>
8.2 Gates will not close	<ul style="list-style-type: none"><li>* Check power is on.</li><li>* Check fuses.</li><li>* Check motor/encoder connections on terminals. 7,8,9,10,11 &amp; 25,26,27,28,29..</li><li>* Check for correct illumination on LED's. DL18 ON DL9 ON DL11 ON</li><li>* Check photocells for obstacle, correct connection or damage. DL9 &amp; DL11 must be ON</li></ul>
8.3 Gates will not open/close fully	<ul style="list-style-type: none"><li>* Re-program open-close positions.</li><li>* Check that the gate are free moving in manual release with no tight spots.</li><li>* Check adjustment of torque trimmer.</li><li>* Check correct placement of photocells.</li></ul>
8.4 Only 1 gate will open	<ul style="list-style-type: none"><li>* Check motor/encoder connections on terminals. 7,8,9,10,11 25,26,27,28,29..</li><li>* Pedestrian function activated.</li></ul>

## PROBLEM

## POSSIBLE SOLUTIONS

- 8.5 Only 1 gate will close \*
- 8.6 Wrong gate opens first \*
- 8.7 Gates stops & reopens during closing \*
- 8.8 Movement is jerky \*
- 8.9 Gates will not stay open long enough \*
- 8.10 Gates stay open for too long \*
- 8.11 Delay before gates open \*
- 8.12 Gates will not stay open \*
- 8.13 One gate opens but other gate closes. \*
- 8.14 Gates open and close once and then will not work. \*
- Check motor/encoder connections on terminals. 7,8,9,10,11 & 25,26,27,28,29.
- reverse motor 1 and motor 2 connections.
- Force adjustment too low.
- Check that the gates are free moving in manual release with no tight spots.
- Check adjustment of torque trimmers.
- Adjust Automatic wait trimmer clockwise.
- Adjust automatic wait trimmer Anti-clockwise.
- Turn off Dip-switch 2.
- Turn off 'community function' and insert 'stop' function by switching Dip-switch 3 ON.
- Check motor/encoder connections on terminals. 7,8,9,10,11 & 25,26,27,28,29..
- Check directions using mini push buttons. Reverse incorrect motor by switching black wires on motor to change direction.
- Check if DL1 is permanently illuminated. Make sure a normally open contact is used to open gates and not a normally closed contact. Make sure terminal 1 is not linked to terminal 2.

## PROBLEM

## POSSIBLE SOLUTIONS

8.15 Gates open or close on their own

- \* Gates are receiving signal from other source.
- \* Short circuit in receiver, check for water ingress
- \* Faulty receiver.
- \* Gates break photocell beam when closing.

8.16 Electric lock fails to operate.

- \* Check connections.
- \* Lock Jamming, adjust lock or gate.
- \* Make sure Dip-switch 5 is ON (return pulse).

8.17 Transmitter will not work \*

- \* Check battery, is transmitter LED illuminating?
- \* Is radio receiver plugged in to socket correctly.
- \* Is transmitter/ radio receiver coded correctly?
- \* Is the antenna connected.

8.18 Poor range on transmitter\*

- \* Check battery.
- \* Ensure antenna is fitted.
- \* Check connection on antenna
- \* Check path of transmission is clear (no buildings ETC).

8.19 Main Fuse blown

- \* Check connections on terminals 16-17-18.
- \* Check motors for flooding.
- \* Check connections for water ingress.

8.20 Low Voltage Fuse blown  
Diagnostic LED's off

- \* Incorrect connection terminal 1 to 13 & 19-27.
- \* Incorrect connection on accessory.
- \* Water ingress on accessory.