

FOR CONTROL PANEL EP20 TOP ARIES - VULCAN - SLIM-SUB

Trouble shoot guide, Problems and Solutions

PROBLEM	POSSIBLE SOLUTIONS
8.1 Gates will not open *	<ul style="list-style-type: none">* Check power is on.* Check fuses .* Check motor connections on terminals. 20-21-22-& 23-24-25.* Check for correct illumination on LED's. DL14 ON DL9 ON DL6 ON* Check manual release.* Check battery in transmitter.* Check coding on radio receiver.* Check photocells for obstacle, correct connection or damage. DL6 & DL9 must be ON* check for water ingress on motors or connections.* Check capacitors are connected.* Check adjustment of torque trimmers.
8.2 Gates will not close	<ul style="list-style-type: none">* Check power is on.* Check fuses.* Check motor connections on terminals 20-21-22-& 23-24-25.* Check for correct illumination on LED's. DL14 ON DL9 ON DL6 ON* Check photocells for obstacle, correct connection or damage. DL6 & DL9 must be ON* Check capacitors are connected.
8.3 Gates will not open/close fully	<ul style="list-style-type: none">* Re-program open-close positions.* Check that the gate are free moving in manual release with no tight spots.* Check adjustment of torque trimmer.* Check correct placement of photocells.
8.4 Only 1 gate will open	<ul style="list-style-type: none">* Check motor connections on terminals 20-21-22-& 23-24-25.* Check capacitors are connected.* Pedestrian function activated.

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PROBLEM

POSSIBLE SOLUTIONS

8.5 Only 1 gate will close *

Check motor connections on terminals 20-21-22-& 23-24-25.

Check capacitors are connected.

Check TLAG Trimmer is not set too high.

8.6 Wrong gate opens first *

reverse motor 1 and motor 2 connections.

8.7 Gates collide when opening or closing *

Adjust TLAG Trimmer.

8.8 Movement is jerky *

Check that the gates are free moving in manual release with no tight spots.

Check adjustment of torque trimmers.

8.9 Gates will not stay open long enough *

Adjust Automatic wait trimmer clockwise.

8.10 Gates stay open for too long *

Adjust automatic wait trimmer Anti-clockwise.

8.11 Delay before gates open *

Turn off Dip-switch 2.

8.12 Gates will not stay open *

Turn off 'community function' and insert 'stop' function by switching Dip-switch 3 ON.

8.13 One gate opens but other gate closes. *

Check motor connections on terminals 20-21-22-& 23-24-25.

Check directions using mini push buttons. Reverse incorrect motor by switching black & brown wire on motor to change direction.

8.14 Gates open and close once and then will not work. *

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 18-28.
- * Check motors for flooding.
- * Check connections for water ingress.

8.20 Low Voltage Fuse blown
Diagnostic LED's off

- * Incorrect connection terminal 1 to 15.
- * Incorrect connection on accessory.
- * Water ingress on accessory.