

Please use this "Trouble Shooting Guide" in conjunction with RC300L ver2.50 Operating Instructions and RC300 Wiring Manuals

Understanding MC1 Diagnostic LED's signals.

Care should be taken to select the correct data sheet/s.

Motor Controller DD0030.000 MC1

Use the colours of the LED on the motor controller for quick diagnosis.

1. No LED colour = no power to the motor
2. Blue blinking = Rest (80%-20% blink for 1second)
3. Green = Pwm signal running (motor should be turning)
4. Orange = more than 85% available power being used
5. Red = "Too fast" more than available power.
6. Red blinking = Overload needs reset. (Power off /on)
7. Red /Blue flashing fuse in motor controller blown
8. Blue steady = Needs reset

Internally only the 15amp fuse can be replaced. This is indicated as (fault)1 above.

Wheel Encoder DD0003.000

The colour of the LED at the back of the encoder allows for quick diagnosis. The brown and blue wires may be attached a green 3-pin plug and attached to the I/o board to test.

1. **Blue** LED = stationary
2. **Green** LED = clockwise
3. **Orange** LED = anticlockwise
4. **Red flashing** LED 3sec after power up, means the encoder is faulty.

More information at:-

<http://taege.com/wp/manuals-2/service-bulletins>