

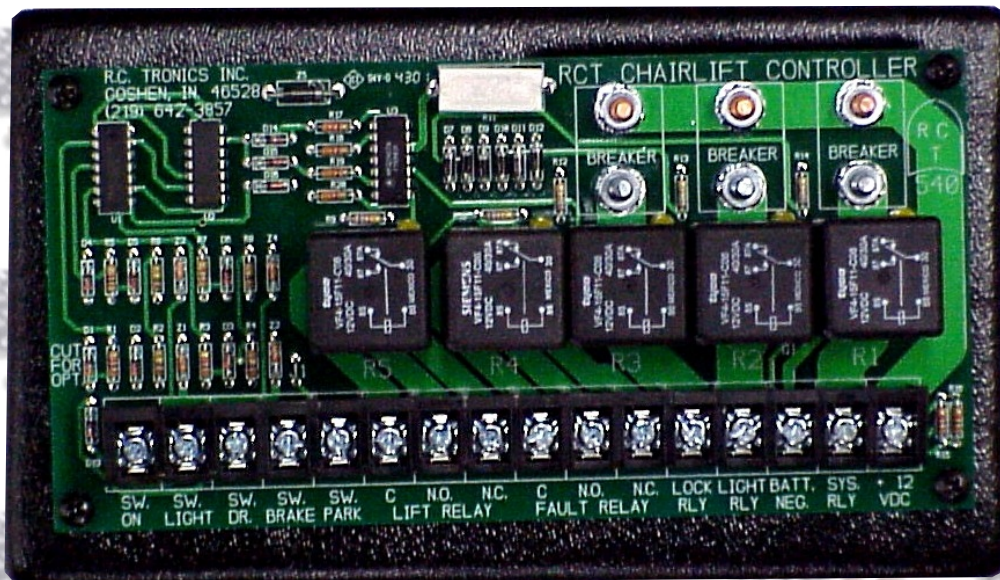
# R. C. Tronics Incorporated

Specializing In Electronic Controls

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## RCT-540 ADA Chair Lift Control



**SW. ON**-----Normally connected to switch, which operates to Battery Negative, Enables RCT-540.

**SW. LIGHT**-----Normally connected to +12 VDC, vehicle headlight switch. Cut J1 jumper, Below left of Relay R5. This input may be left open, light relay R2 will Operate when system is armed and door is opened.

**SW. DR.**-----Normally connected to door plunger switch, which operates to battery Negative when lift door is opened.

**SW. BRAKE**-----Normally connected to vehicle parking brake, which operates to Battery Negative.

**SW. PARK**----- Normally connected to vehicle transmission switch, which operates to Battery Negative.

**LIFT RELAY**----C = common terminal to N.O. (normally open). N.C. (normally closed) This relay #5 operates when all inputs are present and vehicle is deemed "Safe".

**FAULT RELAY**---C = common to terminal N.O. (normally open) N.C. (normally closed) This relay #4 operates when a condition exists and vehicle is deemed "Unsafe".

**LOCK RELAY**----Operates anytime system is armed or any input is present. Positive 12 VDC rated at 15 ampere.

**LIGHT RELAY**---Operates when inputs are correct. Used for platform lighting. Rated 12 VDC at 15 ampere.

**BATT. NEG.**-----Connect to battery negative. Use #16 AWG conductor. **THIS MUST BE WIRED DIRECT TO BATTERY, DO NOT SWITCH.**

**SYS. RELAY**----Operates when SW. ON or SW. DR. is operated to battery negative. Positive 12 VDC rated 15 ampere.