Tech Bulletin
600876 Speed Control
Installation Instructions

Application:
The 600876 is a Motor Speed Control specifically designed for 12 Volt PMDC (Permanent Magnet DC) motors, rated up to 2/3 h.p.
The Wind and Unwind function is performed electronically eliminating the use of mechanical double pole / double pole switch to handle the high motor current, eliminating contact arcing and contact fatigue.

Mounting: Remove the nuts from the mounting studs and use these nuts, with your 1/4" lock washers to secure the box to your mounting site. Grounding the control is not required.

Wiring Instructions:
The Control's Red wire and Black wire must be connected directly to the vehicle battery with 10 guage wire if less than 8 feet to the battery. 8 guage wire if 8 to 20 feet. 6 guage if over 20 feet to the battery. Grounding the Black wire to the truck body is too high resistance and will cause a control failure.
If using ring terminals, use the appropriate cimper to acquire a secure crimp and/or solder the barrel of the connector. Use dielectric grease for all bolt on electrical connections.

CAUTION: The Motor wires must not be connected to anything on the vehicle. They are to be connected to the Speed Control wires only.

NOTE: If the Motor does not rotate in the desired direction, swap the control's White wires with the Motor Wires.

CAUTION: Do not connect the speed control Black wire to the positive battery terminal and do not connect the speed control Red wire to the negative battery terminal.

WARNING: Switch has an automatic low voltage shut off at 7 volts and will not operate again until a minimum of 10 volts is applied.