

Tech Bulletin

600876 Speed Control Installation Instructions

Application:

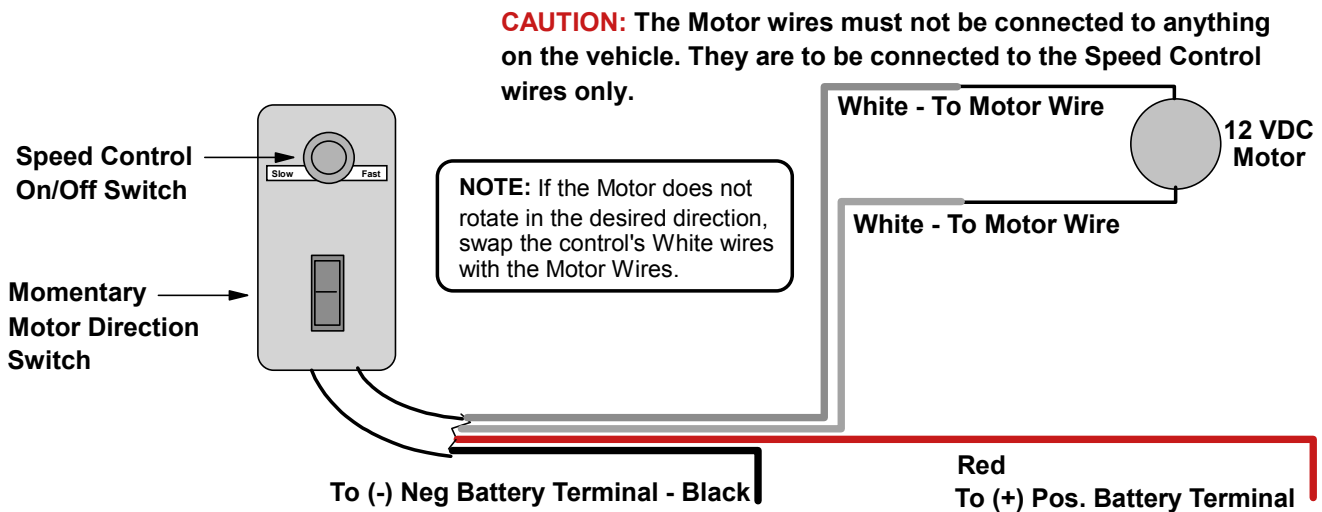
The **600876** is a Motor Speed Control specifically designed for 12 Volt PMDC (Permanent Magnet DC) motors, rated up to 2/3 h.p.

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 arching 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 crimper to acquire a secure crimp and/or solder the barrel of the connector. Use dielectric grease for all bolt on electrical connections.



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.

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