
MD24HDSR Installation Instructions

Application:

The MD24HDSR is a Heavy Duty Motor Speed Control specifically designed for 24 Volt PMDC (Permanent Magnet DC) motors, rated up to 1 h.p.

The Wind and Unwind function is set by the rocker switch and the momentary pushbutton switch is used to soft start the motor and turn off the motor.

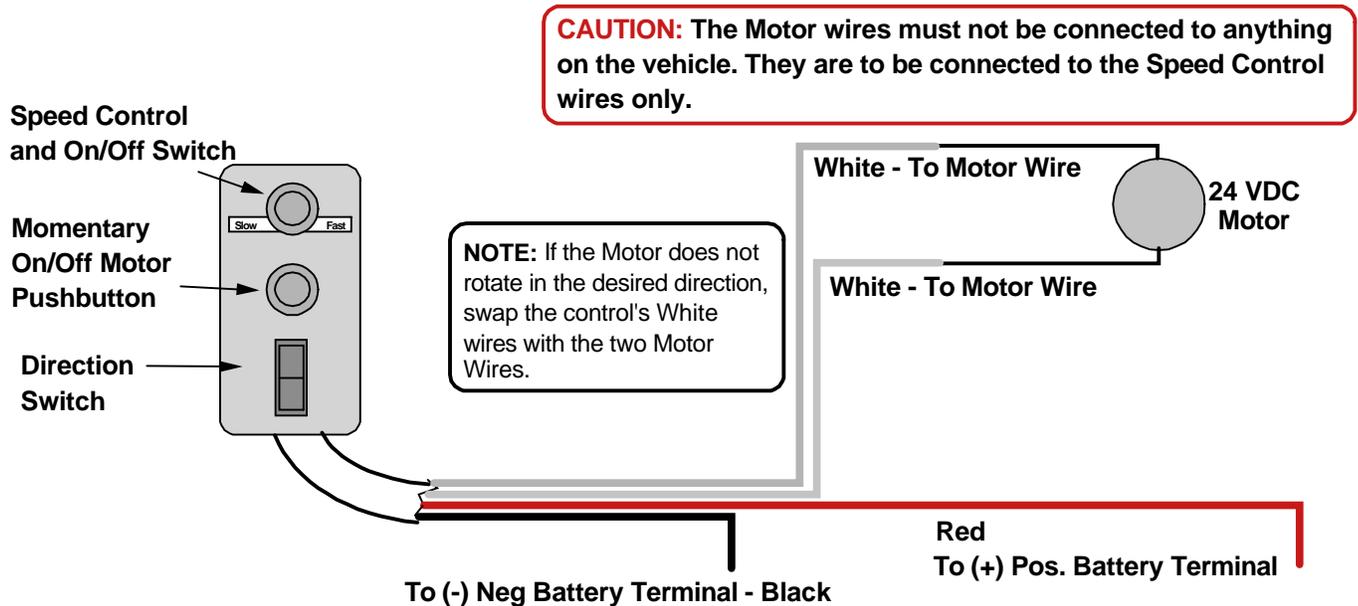
Mounting: Remove the nuts from the mounting studs and use these nuts, with your 1/4" lock washers to secure the box to your mounting site. Grounding the control is not required.

Wiring Instructions:

The Control's Red wire and Black wire must be connected directly to the vehicle battery with 10 gauge wire if less than 8 feet to the battery. 8 gauge wire if 8 to 20 feet. 6 gauge 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.



Warranty:

The control is warranted by the manufacturer to be defect free from faulty materials or workmanship. If any defect is found within the 1 year Warranty period, the company will repair the equipment without charge for materials and labor if it is determined to be a workmanship problem or faulty material. If it is determined that the cause of fail was due to poor battery connections, or mis-wiring, we will provide a repair quote prior to repairing.