



Wind Things Up With Reelcraft

Tech Bulletin

600867 Speed Control Installation Instructions

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Application:

The **600867** is a Motor Speed Control with the required components to provide the Motor On/Off Switching function.

The 600867 is intended for applications using a 12 Volt PMDC (Permanent Magnet DC) motor.

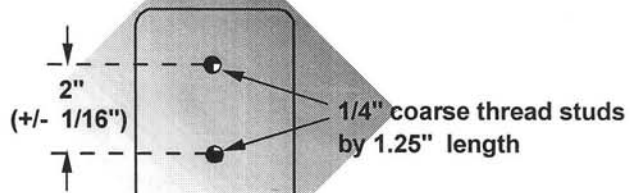
The 600867 contains a 25 Amp Circuit Breaker suitable for 1/3 h.p. motors.

The 600867 contains a **Soft Start** to feature avoid a high inrush of current when the reel begins to turn.

Mounting:

Remove the nuts and lockwashers from the mounting studs and use these lockwashers and nuts to secure the Box to your mounting site.

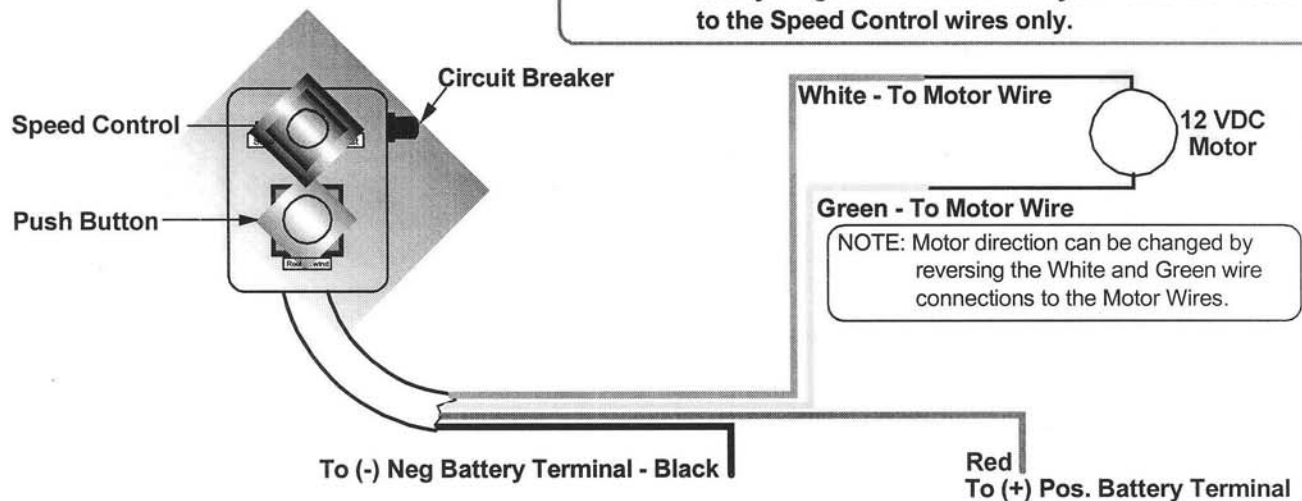
Recommended mounting hole drill size in your mounting site should be a minimum of 9/32" and no greater than 5/16".



Back View of Box.

Wiring Instructions:

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



CAUTION: Do not connect the Black wire to the positive battery terminal and do not connect the Red wire to the negative battery terminal. This will cause a dead short condition across your battery terminals which will result in the circuit breaker tripping and will cause damage to the Speed / Switch Control unit. Do not use a motor direction, or reversing, switch on the Red and Black wires.

Operation:

Speed Control - A counterclockwise direction will decrease the motor speed; clockwise will increase motor speed.

Push Button - Normally off/momentary on switch. Pushing this switch will apply power to the motor.

Circuit Breaker - Pushbutton manual reset. Protects the switch/speed control unit and the battery from any over current conditions caused by the White and Green Motor Wires, and the Motor.