



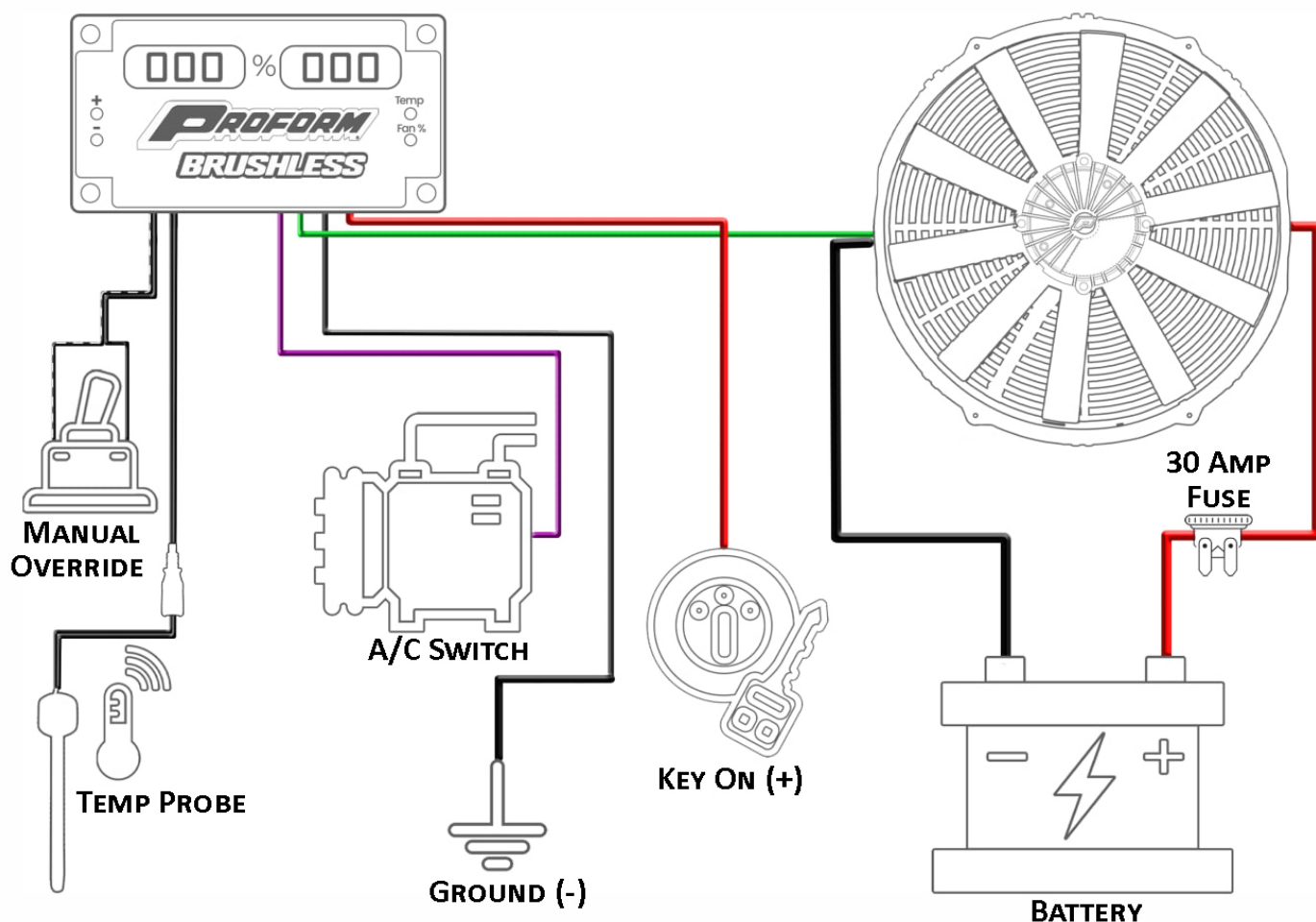
Variable Speed Brushless Fan Controller, p/n 69597

****Always wear safety glasses during the installation process** **Disconnect the battery before starting****

This fan controller has two modes:

- Variable Speed Based on Engine Temperature (Temp)
 - Set an engine temperature and the controller will adjust fan speed accordingly to maintain that temperature.
- Percentage Mode (Fan %)
 - Manually set the fans to run at a given percentage 0-100%. This is not controlled by temperature, and is completely manual.
- **NOTE:** you can toggle between the two modes with a simple long press of the mode button.

Wiring Diagram:



IMPORTANT: Make sure you connect the **GREEN** wire from the controller to the **GREEN** wire of the PROFORM Brushless Fan(s).

NOTE: The manual override wire (black with white dashed lines) is optional, and if the ends touch it will complete the circuit and activate manual override.

About the Fan Controller

The Digital Brushless Fan Controller (p/n 69597) is an advanced cooling solution engineered specifically for **PROFORM® 12V brushless electric fans** commonly used in high-performance automotive applications. It delivers precise temperature-based control without directly powering the fans — instead, it sends a **positive (+) voltage signal** through the green control wire to the fan(s). This signal governs fan speed according to engine temperature or user-defined output percentages.

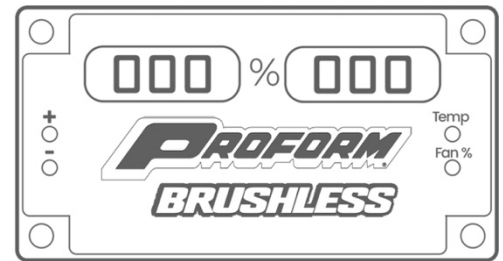
The controller supports one or two brushless fans. It is weather- and temperature-resistant, but should be mounted in the driver compartment for ease of use. Under the hood in a location shielded from direct exposure to rain, high heat, or extreme vibration is also acceptable.

Unlike brushed motor controllers, this unit does **not carry high current fan load**, and therefore does **not require an amp rating**. Power delivery to the fans comes directly from the battery.

Controls and Display (see image)

The digital controller features a **4-button interface**:

- **TEMP** – Access or exit Variable Speed Temperature Mode settings.
- **FAN %** – Access or exit Fixed Percentage Mode settings.
- **+ (Plus)** – Increase temperature setpoint or fan % output.
- **- (Minus)** – Decrease temperature setpoint or fan % output.



Upon vehicle power-on, the digital display will illuminate automatically.

Setting the Temperature (TEMP Mode)

1. Long Press the **TEMP** button.
2. The screen will show a “SET” on the % screen.
3. Use the **+ / -** buttons to adjust the desired temperature.
4. Long Press **TEMP** again to store the new setpoint.

Note: Only **one sensor** is required for operation, but both are provided for user preference and installation flexibility.

Setting the Fan Output (% Mode)

1. Long Press the **FAN %** button.
2. The screen will show “SET” on the Temp screen.
3. Use the **+ / -** buttons to set the desired fixed output (e.g., 50%, 70%, etc.).
4. Long Press **FAN %** again to confirm the setting.
5. The Fan(s) will begin to run at the new setting.



How to use video

Note: This mode overrides temperature-based settings and runs fans at a constant speed.

Switching Between Degrees Fahrenheit and Celcius: Short press the Temp button

*******IMPORTANT: Brushless fans DO NOT start instantly when wired up, they take a few seconds to start moving. This is part of their normal operation.*******