



PROFORM Universal 12-Volt  
Brushless Electric Fan  
Instructions

## Installation Instructions

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

1. This electric fan is a **puller only** fan and is **not reversible**. It is designed to be installed on the engine side of the radiator. Make sure you have enough clearance with the engine pulley system. This fan can be used as the primary cooling fan, or as an auxiliary fan in conjunction with the belt driven fan.
2. Place the fan on a flat surface with the blades facing downward. Insert the four (4) 90-degree mounting feet in an X-shape into the equally spaced slots around the perimeter of the fan shroud so they meet the flat surface. Regardless, if you attach the fan directly to your radiator core, or to a shroud, you will use these 4 mounting points.
3. Mounting Options: 1. Shroud – if mounting to a shroud, use the supplied screws/nuts/bolts from the shroud manufacturer, or purchase from local hardware store. Skip to **Figure 1** for wiring instructions. 2. Directly to radiator – if mounting directly to the radiator use the supplied hardware and follow the steps below:
  - a. Directly to Radiator Core. Place fan assembly on the inside (engine side) and position in the center of the radiator, mark 4 mounting locations and remove fan.
  - b. Take two (2) mounting ties and (2) cushion pads, thread the cushion pads down the mounting ties. Then thread the long end of the mounting tie through the upper two mounting feet of the electric fan.
  - c. Carefully thread the long end of the upper two mounting ties through the fins of the radiator, so they protrude out from the front of the radiator.
  - d. Thread a cushion pad onto each mounting tie so that it is against the radiator core.
  - e. Lastly, take the mounting tie locks and slide them down the mounting ties until the electric fan is held snugly against the radiator core. Trim any extra mounting tie that protrudes from the mounting tie lock.
  - f. Repeat the same procedure for the bottom two mounting locations.
4. **Wiring the fan:** Disconnect (-) battery cable before connecting 12-volt electrical power to the fan motor. **Caution:** ECM (Electronic Control Module) equipped vehicles. When removing or connecting the battery cable terminal, use care to avoid intermittent contact (arching or sparking) between the battery post or battery mounting surface and terminal end. This generates voltage spikes that can damage the electronic control module components or memory circuits.
5. For correct wiring information, see Figure 1.

Figure 1.



## **Wiring Legend**

**Red Wire:** 12 Volt (+)

**Black Wire:** Ground (-)

**Green Wire:** Only for use with PROFORM multispeed digital controller, part no. 67039 (optional) OR wire it in with the **12 Volt (+)** wire. DO NOT REMOVE THIS WIRE, IT MUST BE USED IN ONE OF THE TWO WAYS MENTIONED ABOVE.

## **IMPORTANT:**

1. THIS FAN IS NOT REVERSIBLE AND CANNOT BE USED AS A PUSHER FAN.
2. THIS FAN IS NOT COMPATIBLE WITH PWM VARIABLE SPEED CONTROLLERS.
3. This FAN IS COMPATIBLE WITH THERMOSTATICALLY CONTROLLED ON/OFF CONTROLLERS (PROFORM nos. 69599 & 69598 are compatible with 12" and 14" fans. Call or email for 16" fan controller info.)