

SUM-G4959 - Adjustable Thermostat w/Fan Harness Kit

Assembly instructions:

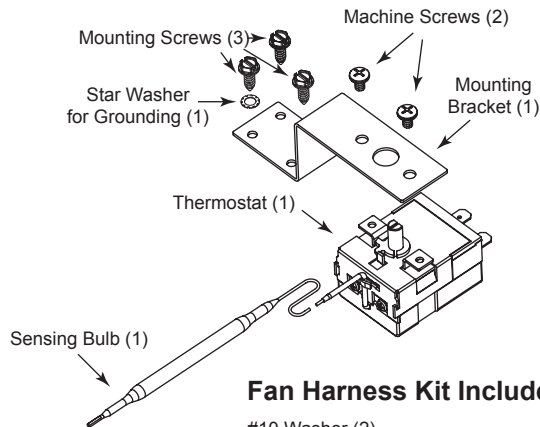
1. Attach the thermostat to the mounting bracket using the two machine screws provided in the hardware kit (**see Figure 1**).
2. Using the 3 mounting screws provided, mount the thermostat to any flat surface in the engine compartment (provided it is within 18" of the radiator inlet hose). A star washer is included for a ground wire connection.
3. Insert the remote sensing bulb into the radiator fins as close to the inlet hose as possible. For consistent operation the bulb should not be placed in an area of high air flow. The installer may make a pilot hole through the radiator fins using a #1 screwdriver; however care must be taken to avoid damaging the radiator tubes.

Note: SUM-G4959 thermostat kit does not include a knob for turning the control shaft. Summit recommends using the thermostat without a knob to help insure that the thermostat is not accidentally adjusted to the wrong temperature once set.

Wiring instructions:

The SUM-G4959 thermostat may be used to switch either the positive or negative connection. **Figure 2** shows the thermostat directly controlling a fan which is only valid for fans drawing less than 10 amps. For fans drawing more than 10 amps, a relay harness must be used. For SUM-G4959 cut vacuum tube in half. Push one piece over the entire length of the sensor bulb until it grips approximately 1/4" of the bulb (dip the tube in water for lubricant). Insert the bulb thru the radiator from the engine side. Then place the remaining section of hose over the front of the bulb, seating both sections of vacuum hose firmly against the radiator fins.

Adjustable Thermostat Includes:



Fan Harness Kit Includes:

- #10 Washer (2)
- 14 Gage X 1/4" Insulated Female Spade (2)
- 14 Gage X 3/16" Insulated Eyelet (1)
- 14 Gage X 3/8" Insulated Eyelet (1)
- 14 Gage Pre-Insulated Butt Splice (1)
- 14 Gage Black TEW Wire (8 ft.)
- 2" X 7/32" Vacuum Hose (1)

Figure 1 – Kit Contents

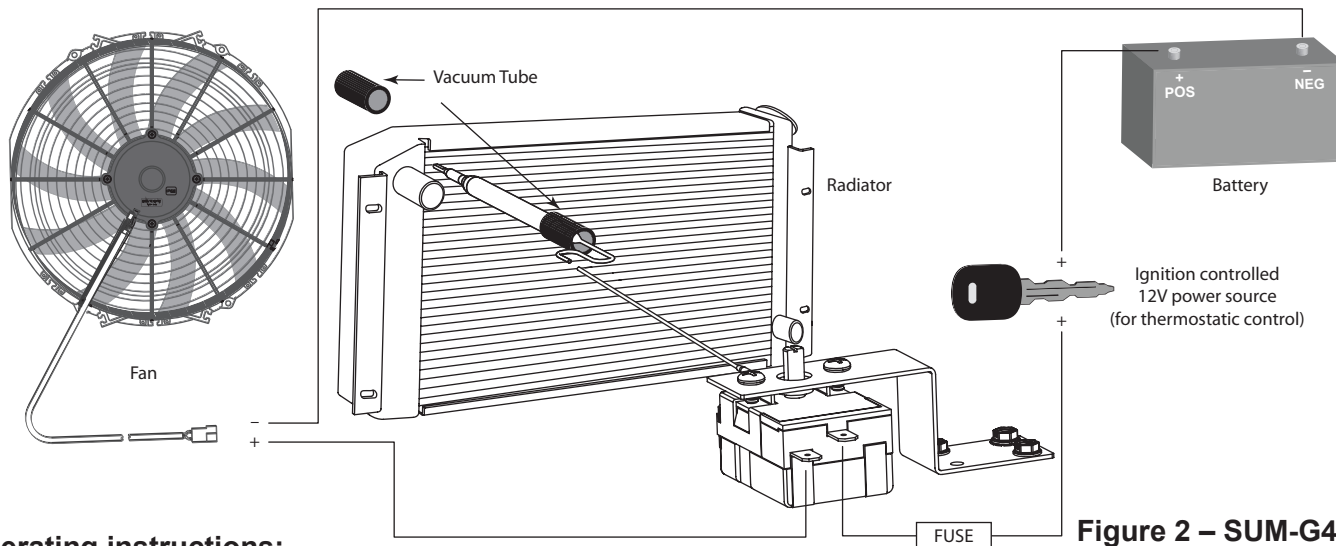


Figure 2 – SUM-G4959

Operating instructions:

The thermostat may be adjusted to engage at any temperature between 32°F and 248°F. Once engaged, the switch will disengage once the bulb senses approximately 20°F degrees cooler. To set the engagement temperature, make sure the engine is completely cool. Turn the thermostat shaft all the way clockwise till it stops. Start the engine and let it warm to the desired temperature for fan activation. Once the desired engine temperature is achieved, turn the shaft counter clockwise until the fan turns on. The temperature is now set and fan will stay on until temperature cools approximately 20°F degrees.