

## **INSTALLATION INSTRUCTIONS**

# Part #31147 Adjustable Temperature Control

- 1. Attach the negative fan motor wire to the #1 post of the temperature controller.
- 2. Disregard the #2 post unless a manual switch is to be used. (See next section)
- 3. Attach the positive fan motor wire to a 12V positive source. (i.e. battery, alt,..)
- 4. Connect the #3 post of the temperature controller to ground.

### Use an appropriate 20 amp inline fuse w / 12 V positive source.

- 5. Loosen upper radiator hose at the radiator, pull the hose off the radiator inlet pipe.
- Insert sensor bulb, bend the sensor bulb tube around the end of the radiator inlet pipe. (The tube is hollow, do not kink. Use wide bends.)
- Place the sensor gasket (rubber piece with the slit) between the sensor bulb tube and radiator inlet pipe. Be sure the tube lays in the slit of the rubber gasket.
- 8. Wrap vinyl tape around the inlet pipe and sensor tube at least twice.
- Replace radiator hose, tighten clamp. (Do not overtighten)

### To Adjust Temperature Control-

- 1. Idle the vehicle.
- **2. Turn the adjustment completely clockwise. When the engine temperature gets above normal, turn the adjustment counter-clockwise until fan activates.**

# Lay cap tube into sensor gasket groove & wrap with vinyl tape. Temp. Sensing Bulb Radiator Top Tank Hose clamp over sensor gasket-Do Not Position Clamp Screw Over Gasket Capillary Tube Do not bend less than 114" radius.

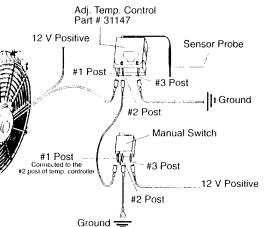
Bend capillary tube as shown.

# Wiring the Adj. Temp. Control in conjunction with Flex-a-lite manual switch, part #31148

- 1. Connect the #1 post of the manual switch to the #2 post of the temp. control.
- 2. Connect the #2 post to ground.

3. To Illuminate switch, attach a 12V positive source to the #3 post of the switch.

 Use an appropriate inline fuse w / 12V positive.



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