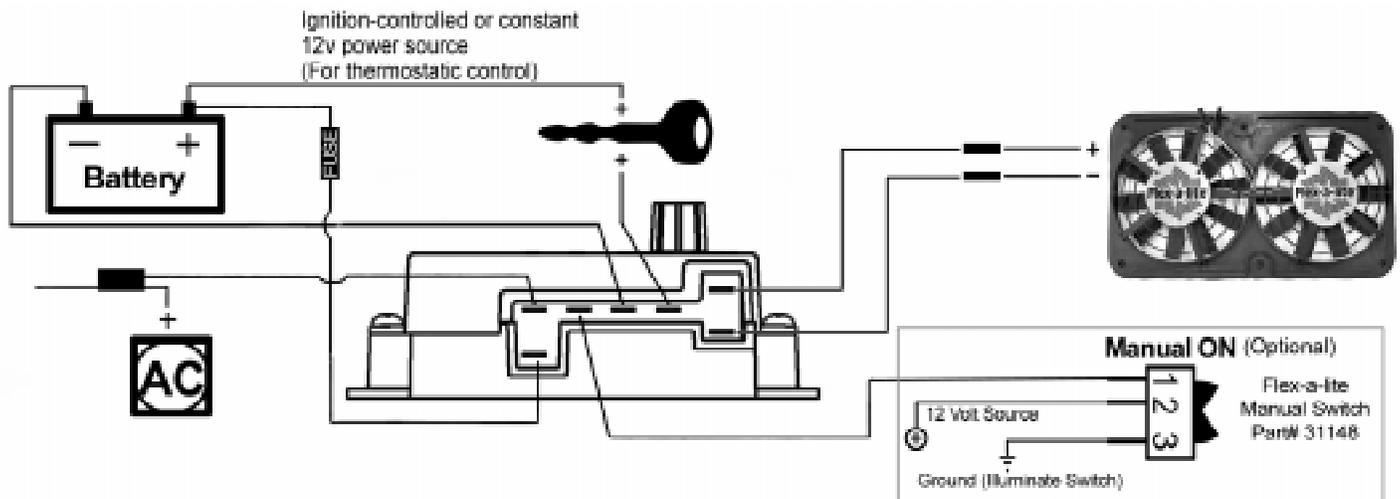




## Replacement Adjustable Temperature Control Installation Instructions

### Step 1: Locate mounting point for control

Locate a mounting point for control near inlet side of radiator. Control needs to be placed within 18" of radiator inlet hose. You may want to mount next to radiator on fender well.



**Step 2:** Wire the fan motor (s) (refer to above wiring diagram). Connect the fan motor wires to the control module (positive wire to the "M+" terminal and negative motor wire to the "M-" terminal). **Note:** Be sure to use wire that is intended to handle the current (amp) rating of the fan.

**Step 3:** Disconnect the negative battery lead for safety while finishing the wiring. Run power directly from the battery positive (+) terminal to the "B" terminal on the control module. Connect fuse holder in-line with this wire, as shown, but do not insert the fuse yet.

**Step 4:** Run a wire from the negative (-) battery terminal to the "G" terminal on the control module.

**Step 5:** Connect the "+" terminal on the control module to a positive 12 volt power source. **NOTE:** *Attaching this wire to an ignition-controlled source will shut off the fan when the engine is turned off. Attach this wire to an uninterrupted (always hot) power source to allow the fan to continue running after the engine is shut off.*

**Step 6:** (Optional) For air conditioning control (if desired) connect the "C" terminal on the control module to the *positive* wire that triggers the A/C compressor. Using a voltmeter, determine which wire coming from the compressor is the *positive* trigger wire. Use the 3-way (or similar) connector to tap into this wire and send a signal to the fan control module. The fan will cycle on and off with the A/C clutch when the A/C is turned on.

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**Step 7:** (Optional) For manual switch operation, use Flex-a-lite p/n 31148. Connect the switch as shown on the wiring diagram (previous page). Connect the "M" terminal on the control module to the "1" terminal on the switch. Connect the "2" terminal on the switch to a positive 12v power source. Connect terminal "3" on the switch to a good ground (for switch illumination). **NOTE: To prevent thermostatic activation (if only manual switch operation is desired), omit the lead to the "+" terminal of the control box. "B", "G", "M+" and "M-" must remain connected. If not using a Flex-a-lite manual switch, do not connect a ground wire to the switch!**

**Step 8:** Be sure all wires are secured and will not interfere with fan blades, belts, and pulleys in the engine compartment. Reconnect the battery and insert the fuse

**Step 9: Insert the temperature probe into the radiator fins:** Locate the inlet hose from the engine to the radiator. Remove the black insulator cap and insert the temp. probe through the radiator fins near the inlet hose. Reinstall the black insulator cap.



Install temp. probe near inlet hose...



then replace the insulator cap.

### **Step 10: Adjust the temperature control knob on the control box**

If you disconnected any hoses or drained coolant to install the fan, reconnect the hoses and refill the radiator. Press the control knob (included in kit) onto the control box shaft. Turn the knob clockwise until it stops. Start the engine and allow it to idle. Using a hand held thermometer (positioned near the inlet hose) or the vehicle's temperature gauge, monitor the temperature. When the coolant temp. is slightly above normal (or desired temp.), turn the knob counter-clockwise just until the fan turns on. From now on, the fan should activate at this temperature setting. Adjust as necessary to maintain desired temperature.

#### **The Flex-a-lite Limited Warranty**

Flex-a-lite Consolidated, 7213-45th St. Ct. E. Fife, WA 98424, Telephone No. 253-922-2700, warrants to the original purchasing user, that all Flex-a-lite products to be free of defects in material and workmanship for a period of 365 days (1 year) from date of purchase. Flex-a-lite products failing within 365 days (1 year) from date of purchase may be returned to the factory through the point of purchase, transportation charges prepaid. If, on inspection, cause of failure is determined to be defective material or workmanship and not by misuse, accidental or improper installation, Flex-a-lite will replace the fan free of charge, transportation prepaid. **Flex-a-lite will not be liable for incidental, progressive or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state to state. The Flex-a-lite warranty is in compliance with the Magnuson-Moss Warranty Act of 1975.