



Installation Instructions

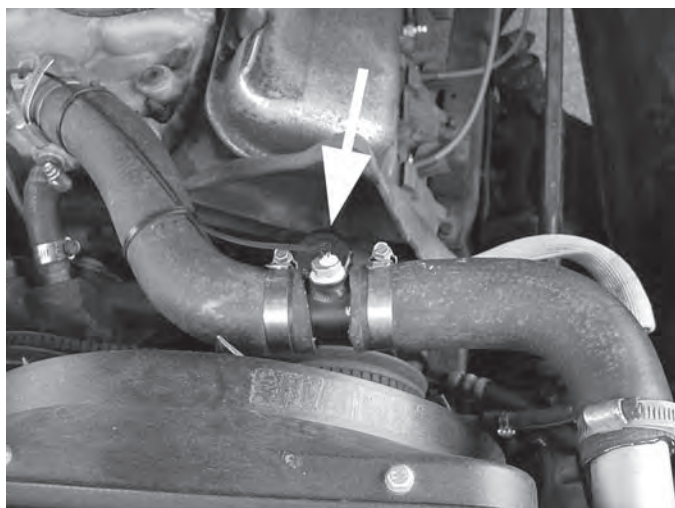
Screw-in Temperature Sensor #32050

(To be used with Flex-a-lite Variable Speed Control)

Important:

Before beginning, be sure that the Variable Speed Control unit (VSC) is mounted close enough to the temperature sensor so that the wires will reach the control unit. The lead on the sensor is approximately 4 feet.

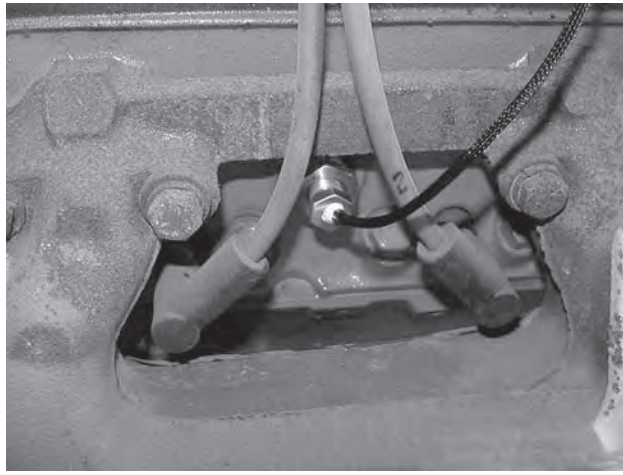
1. Using threaded adapters if necessary (included), screw the sensor into the desired location using Teflon tape to seal the threads. Use Flex-a-lite part no. 32082 (1½" diameter) or 32084 (1¾" diameter) to mount sensor inline with radiator hose (**Preferred location - see Detail A**). Alternatively, the sensor can be mounted in the intake manifold (**see Detail B**) or cylinder head or block (**see Detail C**). **Do NOT overtighten.**
2. Carefully strip the ends of the wires. Fold the wire back on itself to effectively double the thickness (**see Detail D**). Using a quality crimping tool, crimp the female connectors provided on the ends. Attach the wires to terminals 10 & 11 on the VSC (it doesn't matter which wire goes to which spade, but both wires must be connected). **Make sure the temp. sensor wires are at least 2-3" away from exhaust manifolds or other extreme heat sources.**
3. Start the vehicle and check for leaks. When the engine has reached desired operating temperature, adjust the VSC to turn the fan(s) on (**see page 2**).



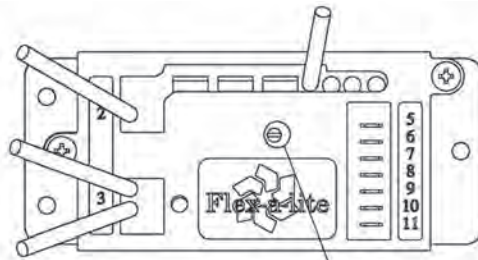
Detail A

Detail B





Detail C



Detail D



NOTE: Maximum rotation of adjusting screw is $\frac{3}{4}$ turn!



Turning screw counterclockwise = cooler temp.

Turning screw clockwise = warmer temp.

Initial Start-up and Adjustment Procedure

1. Verify that operating temperature has been reached by feeling the upper radiator hose. Hot water should be flowing through hose into the radiator.
2. If the fans have not cycled on yet, slowly adjust the screw on the VSC **counterclockwise** until the fans cycle on. Turning the screw further in this direction will keep the engine at a lower temperature, and turning in the opposite direction will keep the engine at a higher temperature. **NOTE: THE TOTAL MOVEMENT OF THE ADJUSTMENT SCREW IS ABOUT $\frac{3}{4}$ OF A TURN. TURNING THE SCREW BEYOND THE LIMITS WILL DAMAGE THE UNIT!**
3. Once desired temperature is set, let the engine continue to idle and make sure the fans will cycle to maintain desired temperature. When fans are running, LED's #L1 and L4 should be lit.

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 product 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.