PYROMETER

INSTALLATION INSTRUCTIONS

Note: The VDO Pyrometer does not require an outside power source.

INSTRUMENT

Cut 2 1/16" hole in a suitable position in dash. Make sure rear of instrument has sufficient clearance from existing equipment and wiring.

THERMOCOUPLE

Locate boss on cast iron exhaust manifold. Then drill and tap ¼ x 18 NPTF. If boss does not exist, locate a position within two or three inches of exhaust manifold flange. If, for any reason, the manifold cannot be drilled and tapped, a ¼ NPT weld boss, VDO P/N 3 092 001 645, should be ordered. This will allow thermocouple to be installed in exhaust pipe by welding boss on exhaust pipe as close to manifold flange as possible and then drilling a 3/8" hole in exhaust pipe, taking care not to damage threads in weld boss.

LEAD WIRES

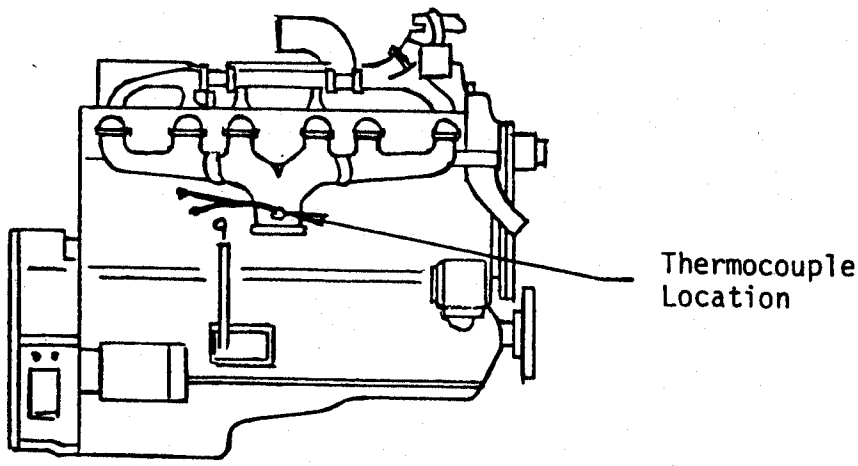
After thermocouple installation, hook-up of lead wire can be made. Note color coding of wires: Red - negative and blue - positive, and the staggered connectors which facilitate installation and prevent reversed polarity. After a secure connection is made, slide heat shrinkable tubing over connectors and evenly apply heat to assure a good sealing condition. The stainless steel braid covering the thermocouple wires should be secured to engine to prevent breakage due to vibration.

Proper routing of lead wire to instrument is necessary to prevent possible shorting of system. Secure the lead wire to the body of vehicle with plastic straps or clamps every fifteen inches.

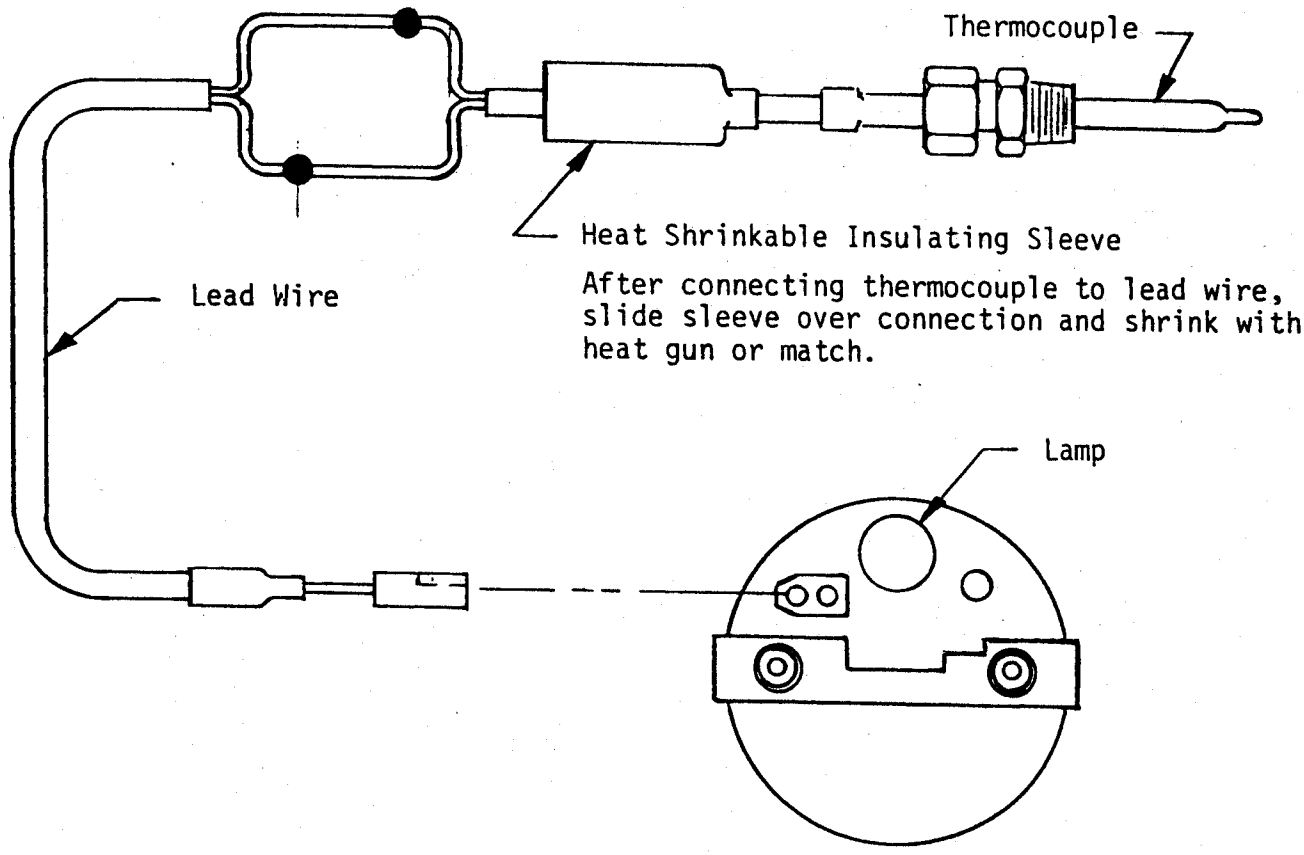
INSTRUMENT ILLUMINATION

Disconnect battery and wire from one of the terminals on light socket to light switch and connect other light socket terminal to chassis ground. Reconnect battery, start engine and check instrument function.

Part Number 0 511 011 207



INLINE 6 CYLINDER



WIRING DIAGRAM

0 511 011 207