

Mechanical Temperature Gauges

IMPORTANT: Care should be taken to avoid excessive rough handling, pulling, or twisting of the capillary tubing which could cause a rupture or kink resulting in tube leakage. The gauge would then be useless.

The Temperature Gauge may be used to replace the vehicle's Temperature Warning Light, but some vehicles rely upon the warning light sending unit for operation of emission control devices. If this is the case, the warning light sending unit should not be removed to be replaced by the gauge sending bulb, nor should a tee fitting be connected to existing lines because the gauge sending bulb must be immersed in the liquid being gauged. Another suitable location (Previous bulb and capillary installation, or pipe plug fitting) should be used in this case.

GAUGE MOUNTING

Select any desired location where the gauge will be easy to read from a normal driving position and mount gauge in instrument or mounting panel using mounting bracket and hardware. Hole diameter required for gauge is 2 3/32".

HOSE ROUTING

Route tubing from gauge thru firewall taking care

to avoid abrasion damage to tubing. Avoid any sharp bend in tubing where it is attached to the gauge. It is advisable to use grommets or similar protection at the point the tubing goes thru firewall. Care should be taken to prevent tubing from coming in contact with any sharp edges and any hot moving parts or vibration.

HOSE CONNECTION

Determine appropriate location in block to install the gauge sending bulb and remove either warning light sending unit (if applicable, see above), previous bulb and capillary installation, or pipe plug fitting. In some cases, the lubricant or coolant may have to be drained from block. Install gauge capillary bulb and adapters making certain bulb will be immersed in liquid with no sharp bends in tubing (See Illustration). Fasten tubing taking precautions stated above. Tubing may be looped and taped to shorten if it is too long (See Illustration). Replace lubricant or coolant if previously drained.

LIGHTING (If Applicable)

If gauge is supplied with light kit, install in gauge and connect light kit lead to vehicle's lighting circuit. Ground at gauge mounting stud.

