

WATER/OIL TEMPERATURE GAUGE (MECHANICAL)

The temperature gauge can be installed to measure either water or oil temperature. It can alert you, usually before the dash warning light would, to a problem that may cause a breakdown that would result in costly repairs.

A higher than normal water temperature reading indicates a low coolant level, loose or missing fan and/or water pump belts, a plugged or leaking radiator, a worn water pump, or incorrect ignition timing. A lower than normal water temperature reading indicates a defective thermostat.

A higher than normal oil temperature indicates a low oil level, incorrect oil viscosity (thickness), oil in need of being changed, a plugged filter, clogged oil lines, a blocked oil cooler, higher than normal water temperature, or worn mechanical engine parts.

PRO TIP: Other conditions such as high air temperature, use of air conditioning, climbing hills, or towing a trailer, can create additional loads on the engine and cause both water and oil temperatures to increase above their normal operating temperature.

NOTE: SUN u.s. and metric adapters are available.

ASSEMBLY INSTRUCTIONS

1. Locate a hole in the firewall, preferably in-line with the dashboard location of the gauge, and route the bulb (end of tubing) and hose through the firewall. If no hole is available, drill a 3/4" hole in the firewall. The adapters attached to the bulb may be removed for added clearance through the firewall. Do not remove the nut attached to the bulb or cut the tubing.

NOTE: Make sure that the tube does not short any electrical terminals and not come in contact with any hot surfaces or interfere with the carburetor, transmission, or any other control linkages. Do not make any sharp bends in the tube. Protect the tube with tape or a rubber grommet where it passes through the firewall.

2. Attach the bulb and adapter to the engine using one of the following procedures:

- a. Water Temperature—drain the coolant below the existing temperature sender and replace the bulb in place of the sender using an adapter with the threaded fitting on the tubing.

- b. Oil Temperature—replace the bulb in place of the existing oil pressure sender using an adapter with the threaded fitting on the tubing.

NOTE: Apply thread compound or sealing tape to the threads of the adapter that is screwed into the engine.

CAUTION: The engine coolant and oil may be very hot.

3. Start engine and check for leaks.

NOTE: 1. Use a "T" adapter if both the gauge and the dashboard warning light are to operate at the same time. "T" adapters are available at your local auto parts store.

2. All pipe threads are standard NPT sizes.