

WATER/OIL TEMPERATURE GAUGE (ELECTRICAL)

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.

OIL PRESSURE GAUGE (ELECTRICAL)

The oil pressure gauge measures the engine's oil pressure and it can alert you, usually before the dash warning light would, to a problem that may cause a breakdown that would result in costly repair.

A lower than normal operating oil pressure indicates a low oil level, incorrect oil viscosity (too thin), a plugged oil pick-up screen, excessive mechanical wear of engine parts, oil leaks, or extreme overheating.

A higher than normal operating oil pressure indicates blocked oil passage(s), dirty oil, a plugged oil cooler filter, incorrect oil viscosity (too thick), or failure of the oil pressure relief valve.

WIRING DIAGRAM (Negative ground ignitions only)

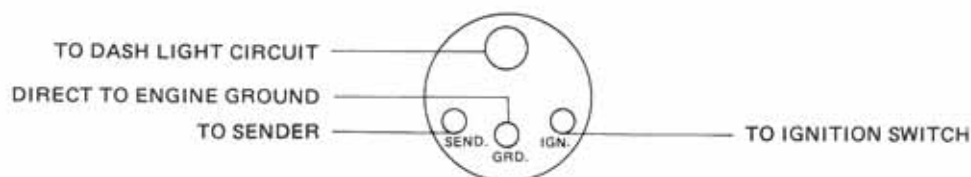


FIGURE 10

NOTE: Replacement Gauges require SUN Senders.
OIL PRESSURE CP 7577.
WATER TEMPERATURE CP 7576.

WATER/OIL TEMP-OIL PRESSURE — ELEC (CONT.)

ASSEMBLY PROCEDURE:

For gauges CP-7920 and CP-7921 proceed as follows:

1. A 2-1/16" hole is required for in-dash mounting.
2. Use 18-gauge wire to connect ground, sender and ignition wires as shown on circuit diagram above. **CAUTION: DISCONNECT BATTERY GROUND CABLE TO AVOID ACCIDENTAL GROUNDING OF ELECTRICAL SYSTEM WHILE MAKING ELECTRICAL CONNECTIONS TO THE GAUGE.**

3. Remove original oil pressure/water temperature senders and replace with appropriate Sun units. Connect sender wire only to terminal on sender.

NOTE: CP 7553 adapter kit, contained in CP-7920 package, adapts water temperature sender to proper thread size of engine block sender hole, if other than 1/8-27 N.P. thread (Metric adapters also available).

4. The sending unit is usually installed in the same hole from which the warning light sender is removed.
5. Connect all wiring as noted in FIG. 10.

FUEL LEVEL GAUGE

The fuel level gauge measures fuel quantity.

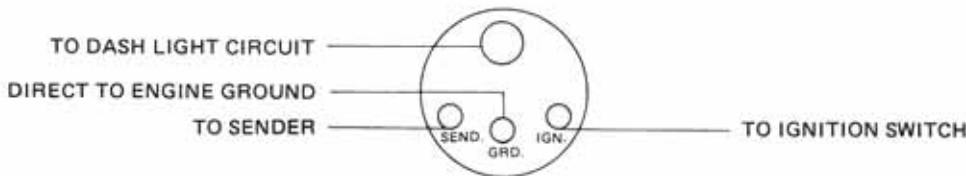


FIGURE 11

COMPLETE INSTALLATION OF THE FUEL LEVEL GAUGE REQUIRES THE USE OF A SUN FUEL TRANSMITTER. FIND CORRECT FUEL TANK DEPTH IN THE FOLLOWING TABLES, AND INSTALL CORRESPONDING FUEL TRANSMITTER MODEL.

MODEL	FUEL TRANSMITTER	TANK DEPTH	LGTH." C	MODEL	FUEL TRANSMITTER	TANK DEPTH	LENGTH"	
							A	B
CP7562	5	5	3-3/8	CP7561	10	6-3/16	5-1/8	
		5-1/2	3-7/8		10-1/2	6-1/2	5-3/8	
	6	6	4-3/8		11	6-7/8	5-5/8	
		6-1/2	4-7/8		11-1/2	7-3/16	5-7/8	
	7	7	5-3/8		12	7-9/16	6-1/8	
		7-1/2	5-7/8		12-1/2	7-7/8	6-3/8	
	8	8	6-3/8		13	8-1/4	6-5/8	
		8-1/2	6-7/8		13-1/2	8-9/16	6-7/8	
	9	9	7-3/8		14	8-15/16	7-1/8	
		9-1/2	7-7/8		14-1/2	9-1/4	7-3/8	
	10	10	8-3/8		15	9-5/8	7-5/8	
		10-1/2	8-7/8		15-1/2	9-15/16	7-7/8	
	11	9-3/8	16	10-5/16	8-1/8			
	11-1/2	9-7/8	16-1/2	10-5/8	8-3/8			
	12	10-3/8						

ASSEMBLY PROCEDURE:

1. A 2-1/16" hole is required for in-dash mounting.
2. Use 18-gauge wire to connect ground sender and ignition wires as shown in FIG. 11 above. **CAUTION: DISCONNECT BATTERY GROUND CABLE TO AVOID ACCIDENTAL GROUNDING OF ELECTRICAL SYSTEM WHILE MAKING ELECTRICAL CONNECTIONS TO THE GAUGE.**