

AMERICA'S IGNITION SPECIALISTS

Mallory

IGNITION

FOR OVER SIXTY YEARS

MALLORY 29700, ELECTRIC FUEL LEVEL GAUGE 29703, ELECTRIC WATER TEMPERATURE GAUGE 29704, ELECTRIC OIL PRESSURE GAUGE

INSTALLATION INSTRUCTIONS

MOUNTING

- When mounting gauge in instrument panel, cut a hole in instrument panel 1/32" larger than case diameter of gauge.
- Insert gauge into hole and secure with mounting hardware supplied.

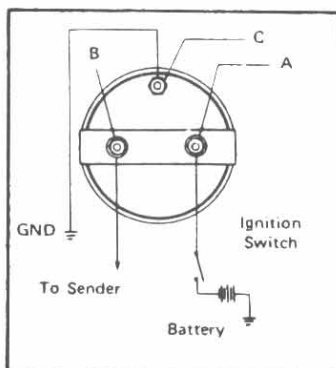


FIGURE 1

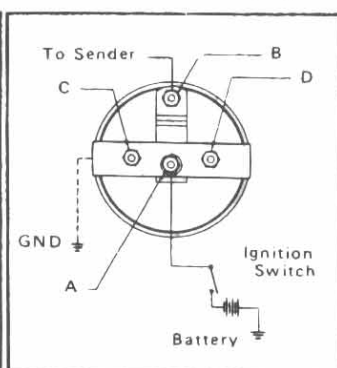


FIGURE 2

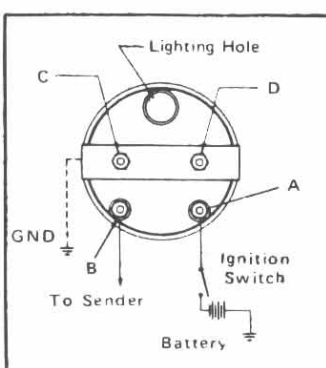


FIGURE 3

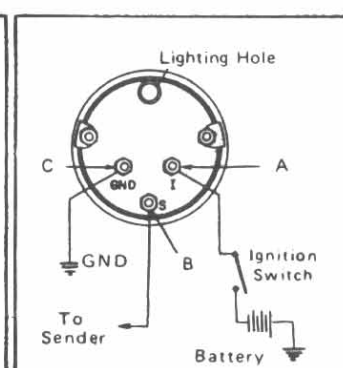


FIGURE 4

WIRING

It is recommended that No. 18 AWG wire and eyelet type terminals with insulated shanks, be used to wire terminal studs on back of gauge to avoid the possibility of shorting the mechanism of electric gauges. There are four types of gauge wiring procedures:

- Figure 1, **THREE TERMINALS**: (A) for wire to ignition, (B) for wire to sending unit, (C) for wire to ground (and for Lighting Kit 29711, if lighting is desired).
- Figure 2, **FOUR TERMINALS**: (A) for wire to ignition, (B) for wire to sending unit, (C) and (D) either stud may be used for wire to ground (and for Lighting Kit 29711, if lighting is desired).

NOTE: Thermal type gauge mechanisms (Fig. 2) require a brief warmup period before accurately indicating monitored function.

- Figure 3, **FOUR TERMINALS**: (A) for wire to ignition, (B) for wire to sending unit, (C) and (D) for mounting bracket and ground wire.
- Figure 4, **THREE TERMINALS**: (A) for wire to ignition, (B) for wire to sending unit, (C) for wire to ground.

CAUTION: When routing wires, protect from damage due to sharp edges, moving parts and hot engine components.

NOTE: Some magnetic type gauges do not provide a terminal for connecting a ground wire. These gauges are grounded through the mounting bracket, grounding spring. If application is for other than metallic panel (with ground common to that of battery), secure a wire between the mounting bracket and a ground common to the battery.

IF INSTALLING TWO OR MORE ELECTRIC GAUGES

- Connect ground terminals (C) of each gauge together and route a wire from one of these terminals to a good ground.
- Connect ignition terminals (A) of each gauge together and route a wire from one of these terminals to ignition.
- Route a separate wire from the sender terminal (B) on each gauge to its respective sending unit.

IMPORTANT: This electric gauge **MUST** be used with its corresponding Mallory sending unit, as shown below:

Oil Pressure: 29713

Water Temp: 29712

Fuel Level: RH 29715 / LH 29714

FLOATING POINTERS

Some gauges, with "floating pointers," indicate a proper reading only when energized (engine "ON").

It is not an indication of a defective unit if pointer does not return to zero, remains at any increment on the face dial, or buries itself behind retainer, when gauge is not energized (engine "OFF").

LIGHTING

- When installing lighting, assemble socket and bulb.
- Insert bulb and socket into hole in rear of gauge or light bracket.
- Connect wire from light socket to rheostat terminal of vehicle's light switch or one of instrument panel's lighting wires.