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Trio gauge JDK



TEMPERATURE GAUGE (ELECTRICAL)



The temperature gauge measures 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 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 temperature 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.

VOLTMETER GAUGE



The voltmeter gauge indicates electrical pressure or voltage. It provides easy to understand information on the condition and operation of your vehicle's electrical system.

Under normal conditions, the voltmeter will indicate between 13 to 15 volts (for 12 V DC operation) or 20 to 28 (for 24V DC operation) while the engine is being operated at usual road or rated speed. If the gauge reads higher than 15 volts or 28 volts, it indicates that the charging system's voltage regulator is not operating properly and it can result in damage to the battery and accessories. A continuous reading of less than 13 volts or 20 volts indicates that the charging system is not operating properly and will eventually result in a discharged battery.



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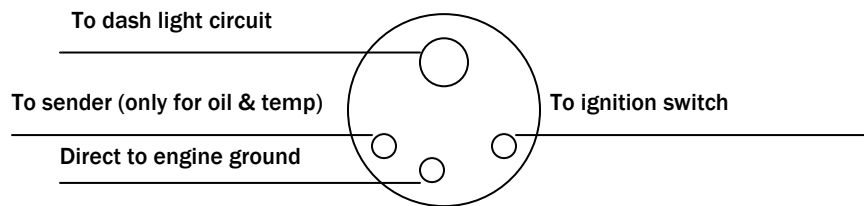
If the voltmeter reads too high or too low at normal operating conditions, the battery, the starting system, and the charging system should be thoroughly tested and serviced as necessary.

Fittings and accessories



Indicator lamps, brackets, screws, nuts, washers and adaptors.

WIRING DIAGRAM: (Negative ground ignitions only)



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 on circuit diagram above.

CAUTION: DISCONNECT BATTERY GROUND CABLE TO AVOID ACCIDENTAL GROUNDING OF ELECTRICAL SYSTEM WHILE MAKING ELECTRICAL SYSTEM CONNECTIONS TO THE GAUGE.

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

Pictures for indication only.
Subject to modification during production without prior notice.