

CLUSTER AND GAUGE SERVICE AND TESTING

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CAUTION: Disconnect battery negative cable, in engine compartment, before servicing instrument panel. When power is required for test purposes, connect battery cable (for test only).

Disconnect battery negative cable after test and before continuing service procedures.

SENDING UNIT (SENSOR) TEST

When a problem occurs with a cluster gauge, before disassembling the cluster to check the gauge, check for a defective sending unit (sensor) or wiring.

(1) Sending units and wiring can be checked by grounding the connector leads, at the sending unit, in the vehicle.

CAUTION: When connecting an input terminal to ground, Do Not leave the connection grounded for more than a few seconds.

(2) With the ignition in the ON position; a grounded input will cause the oil, fuel or temperature gauge to read at or above maximum.

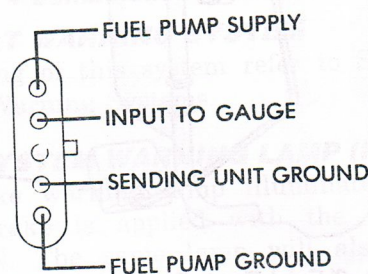
FUEL TANK SENDING UNIT TEST

(1) Disconnect wire from terminal on fuel tank sending unit (Fig. 1).

(2) Connect wire to a known good sending unit.

(3) Connect a jumper wire between sending unit fuel pick up tube and a good ground.

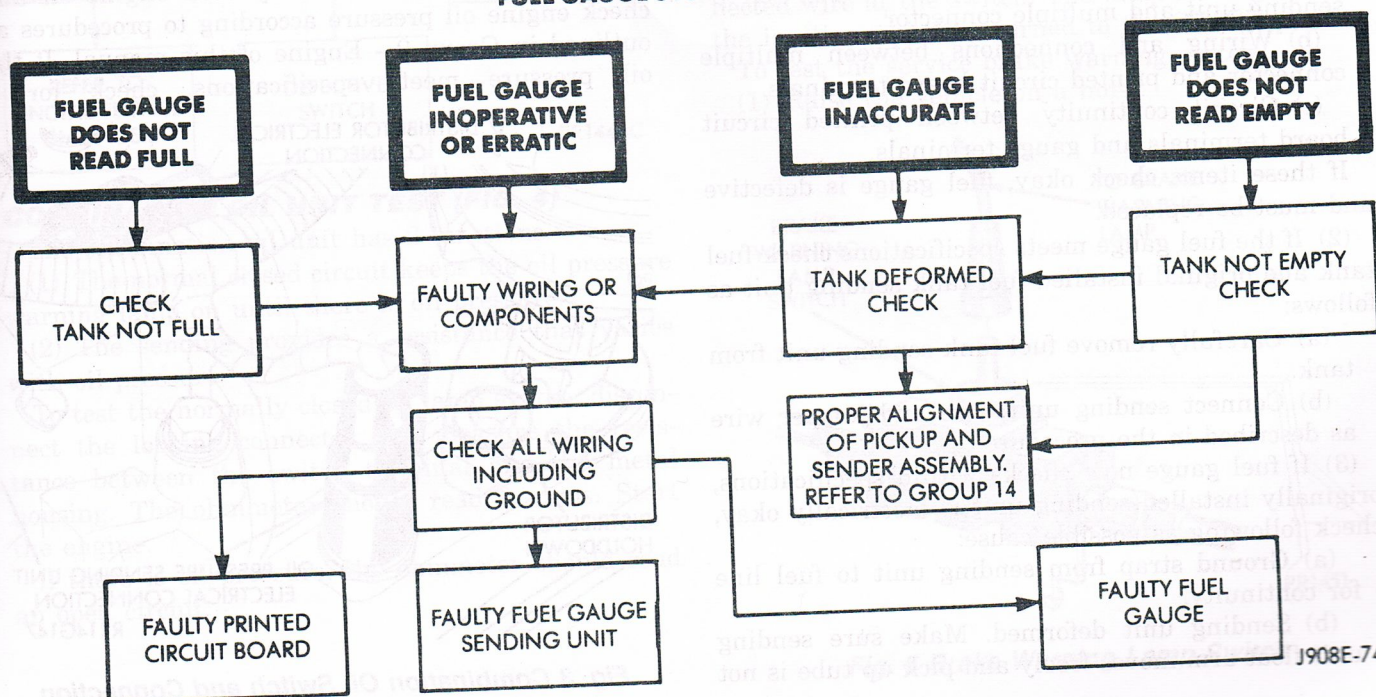
(4) Check fuel gauge as described in following steps. Allow at least three minutes at each test point



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Fig. 1 Fuel Tank Sending Connector Terminals

FUEL GAUGE SYSTEM DIAGNOSIS



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