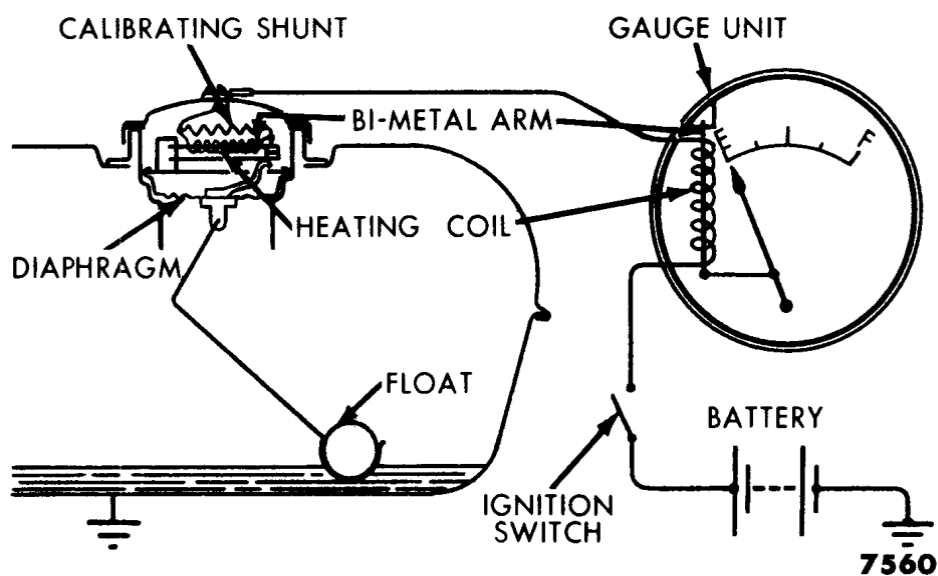


(2) **FUEL GAUGE SYSTEM TEST.** The method presented for testing the fuel gauge unit can also be used to check the temperature gauge unit and the meter-type oil pressure gauge unit. The gauge unit test will determine the accuracy of the gauge unit.

(a) **GAUGE UNIT TEST.** Place the ignition switch in the OFF position, and connect the terminals of two series connected flashlight cells to the gauge terminals. The three volts should cause the gauge to read approximately  $\frac{1}{2}$  scale (pointer vertical). Two cells of a storage battery may also be used for this test. If 4 volts



**Fig. 28—Fuel Gauge Circuit**

(2 cells) from a storage battery are used, the gauge should read approximately  $\frac{3}{4}$  scale.

(b) **SENDING UNIT TEST.** The sending unit can be tested by first making a gauge unit test to determine whether the gauge unit is good. If the gauge unit is inaccurate or is defective, replace it with a good unit. If the gauge unit still indicates improperly or is erratic in its operation, the wiring to the sending unit or the sending unit is faulty.