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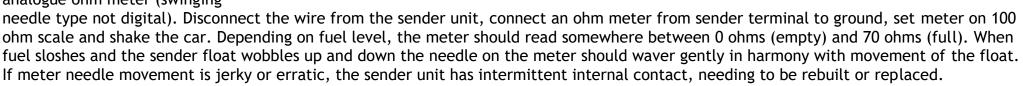
MGA FUEL GAUGE TROUBLE SHOOTING - 17H299E

The fuel gauge is not electrically damped, so the needle will wobble a little in harmony with sloshing of fuel in the tank. If the needle bounces around the ends of scale when it shouldn't - like a light switching on and off—it means you have an intermittent electrical connection somewhere. Start with the circuit diagram shown here:

Check for loose connections on the fuse, Green wire(s), and Green/Black wires including the bullet connector near the starter switch in the engine compartment.

The fuel tank, mounted in rubber straps, is originally grounded through the steel fuel line to the fuel pump. If the steel line has been reconnected with a rubber hose you may have lost the tank ground connection. This can be restored by adding a ground wire from one of the sender unit screws to a grounding point on the frame nearby.

To test the sender unit use an analogue ohm meter (swinging



If the sender unit and fuse and wires are okay, you can deduce a faulty fuel gauge.

