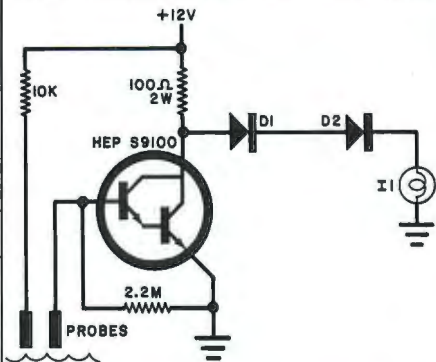


WINDSHIELD-WASHER ALARM

Q. *Is there a circuit which will let me know when the windshield washer fluid in my car is running low?*

—*R. Claudet, Tannersville, NY*

A. This circuit will do the job. Insert the two metal probes (pin plugs, stiff bare wire, etc.) into the washer fluid



reservoir, leaving tips about 1 inch (2.5 cm) above the bottom. Install indicator *I1* (which can be a 53 pilot bulb, a Sonalert or a buzzer) at a convenient viewing angle. When the fluid level drops below the probe tips, the lamp will light. Diodes *D1* and *D2* can be common 1-A power supply rectifiers. The alarm will work with water and most detergent solutions.