

Make up as many as you need
use them for Zones

FOIL-A-BURGLAR ALARM

THIS PROFESSIONAL TYPE BURGLAR ALARM CAN BE USED TO protect windows or glass areas by using window foil that "breaks" a circuit as the glass is broken. It's an alarm that is triggered when the protective circuit is opened. All protective door and window circuits must be normally closed and series connected so that an opening of any protective device will trigger the alarm (see Fig. 5-27 and Table 5-7). Once the alarm is triggered it can be turned off only by opening master switch S1. The recommended power supply is an ac-powered 6 Vdc source or a lantern battery; standby current is about 100 μ A. To adjust, connect a voltmeter (10 Vdc range) across resistor R1, open the protective circuit and adjust potentiometer R2 so the meter indicates a voltage rising towards 1 volt. The alarm bell should ring before 1 volt is reached on the meter. If it does not, there is a wiring error. Finally, set R2 for the 1-volt meter reading, remove the meter and restore the protective circuit.

"Glass Foil Alarm"

Q1 ANY

GEN PURPOSE
NPN TRANSISTOR
W/ LOW LEAKAGE

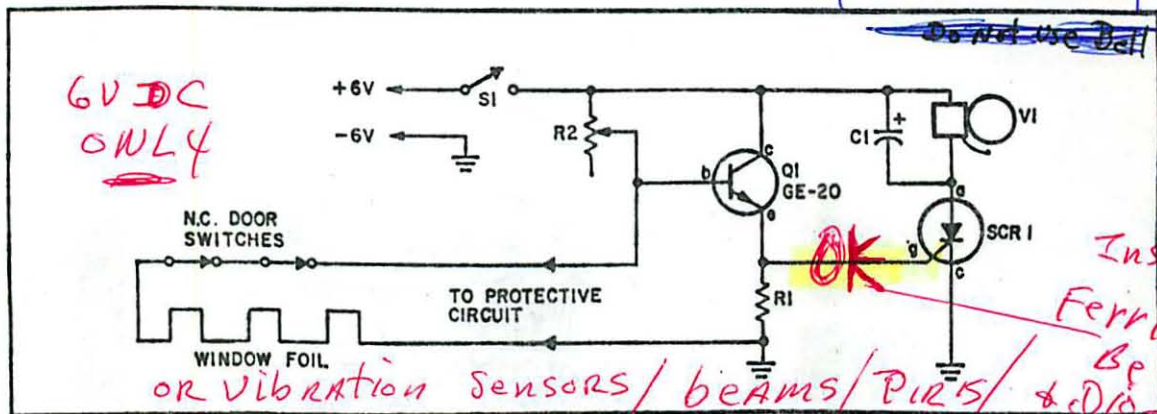


Fig. 5-27. Burglar alarm schematic.

Table 5-7. Parts List for Foil-A-Burglar Alarm.

C1—47 μ F 12 Vdc electrolytic capacitor (Calctro A1-108 or equiv.)	S1—SPST switch	30 W Speaker HORN AND SIREN DRIVER BOARD
Q1—NPN transistor, GE-20 or equiv.	SCR1—Silicon controlled rectifier rated 12 PIV or higher (G.E.C108 series or equiv.)	
R1—1000-ohm, 1/2 watt resistor	V1—6 Vdc alarm bell (Audiotex 30-9100)	1N 914 Also good
R2—500,000-ohm, pot (Calctro B1-687)		

CAN substitute A Relay OR Relay BOARD

(MA-2 or Sonatert) bell causes RF

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use GERMANIUM 1N34-1N34A Diode in Series w/ Gate
Also use Ferrite Bead-(5) as close as possible to gate
to prevent RF caused False Alarms IF IT FALSES

SOIL-BURIAL ALARM

THE PROFESSIONAL TYPE BURIAL ALARM CAN BE USED TO protect windows or glass doors by using window led that "breaks" a circuit as the glass is broken. It is an alarm that is triggered when the protective circuit is opened. All wires to the door and window circuits must be normally closed and wires connected to that an opening of any protective device will trigger the alarm (see Fig. 2-25). Once the alarm is triggered it can be reset only by opening the door switch. The recommended power supply is an unregulated 7.5 volt source or a battery (see Fig. 2-25). The alarm is designed to be used with a window or door switch that is normally closed. When the window or door is broken, the switch opens and the alarm is triggered. The alarm should be tested by opening the door or window. It is important that the alarm be tested regularly and that the battery be replaced when the alarm is triggered. The alarm should be tested by opening the door or window. It is important that the alarm be tested regularly and that the battery be replaced when the alarm is triggered.

Handwritten notes:
 11. Circuit Alarm
 1. ANY
 2. Corp. Purpose
 3. For 5th. Terminal
 4. of low terminal 2.4



Handwritten notes:
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