

!! THE BUG DETECTOR !!
BY: FORD PREFECT
UPLOADED BY: The Phoney Phoner
and The Skeleton Krew

What you will need:

(the number in brackets is a reference number which matches the schematic. The number in paranthesise is the amount of the part needed.)

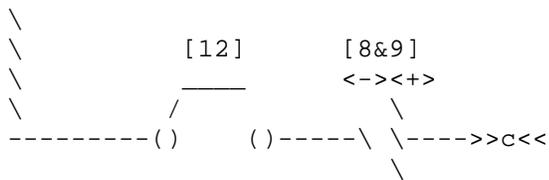
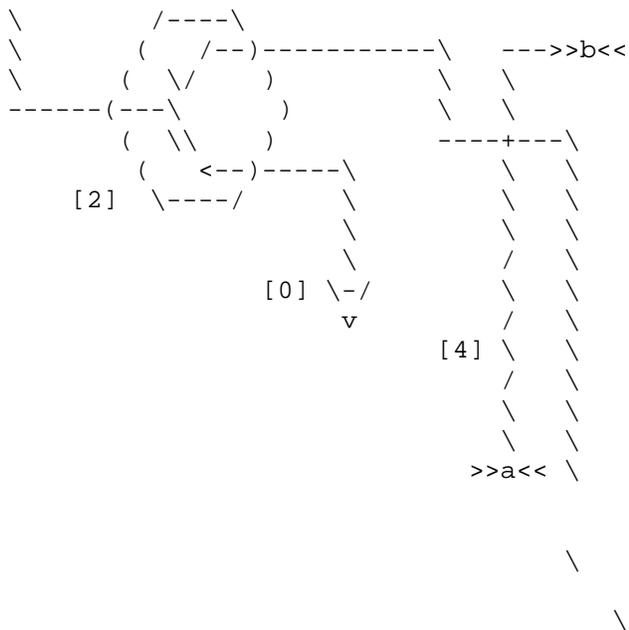
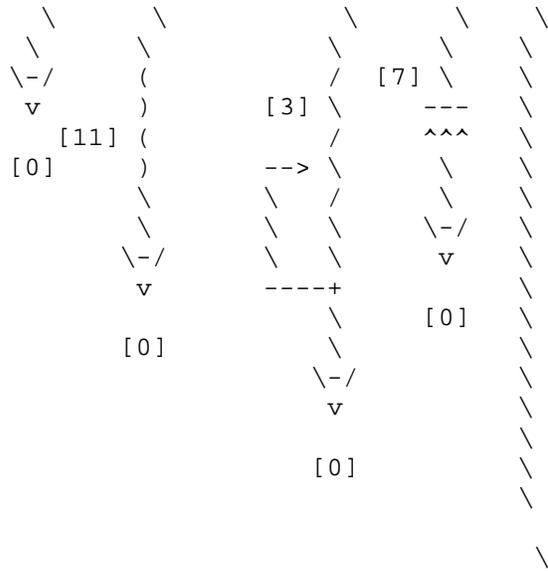
- [1] (1) 1n34a crystal diode
- [2] (2) 2n107 audio transistors
(ge-2 or equivalent)
- [3] (1) 3k ohm variable resistor
- [4] (2) 560 ohm 1/2 watt resistor
- [5] (1) 15k ohm variable resistor
- [6] (1) 500 ohm variable resistor
- [7] (1) .002 Uf capacitor
- [8] (1) 1.5 Volt aa battery
- [9] (1) aa battery holder
- [10] (1) 0-300 microammeter
(lafayette 99-g-5028 or
equivalent)
- [11] (1) 10 millihenry choke (ohmite
z-50)
- [12] (1) single-pole single-throw
(spst) toggle switch
- [13] (1) project box (radio shack)
- [14] (1) antenna (either from an old
transistor radio or a stiff
piece of wire will also work)
- [15] (1) 2000 ohm headset (or a mini-
ature earphone like most tv
and radios use)

the parts can be purchased from radio shack for less than \$20. This is a very good high-gain meter-type bug detector. It has a crystal diode with 2 amplification stages to boost the power of the meter. This produces a broad-band, battery-powered, receiver that can sense radio-frequency transmitters up to a mile away. Unfortunately, it will also pick up a commercial am or fm station up to 3 miles away....

Bug detector schematics:

[14] [1]

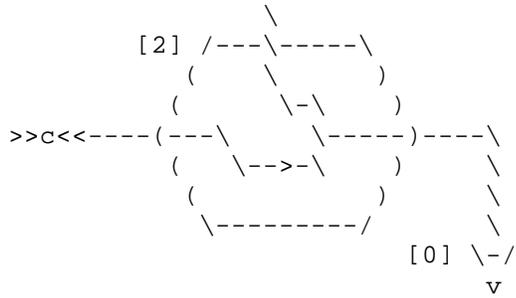
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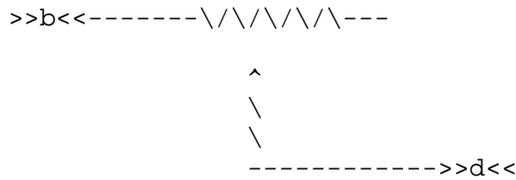
[4]

>>a<<-----\\/\//\//\----->>c<<

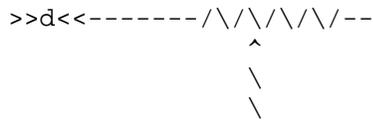
----->>d<<



[5]



[6]



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(415) 447 - 0963

***** CAR TRACKER *****
 Uploaded By: The Phoney Phoner
 And The Skeleton Krew

By: Ford Prefect

"my name is bond, james bond."

My next gadget is what is called a bumpbeeper. It attaches to the under side of a car with magnets and then sends out a signal that can be heard on a radio.

Parts list: () = diagram #

- (1) 2n635a transistor
- (2) 4.3K 1/2 watt resistor
- (3) 1 meg potentiometer
- (4) 10k 1/2 watt resistor
- (5) 50pf capacitor

\
>>b<<

>>e<<-----
 \
 (
)
 (
10)
 \
 ----->>f<<

>>d<<----
 \

 -
 v (ground)

to tune the transmitter:

- 1)pick an empty spot on the am car radio below 1000 khz.
- 2)Switch on the transmitter with the spst switch.
- 3)Tune the 365 variable capacitor slowly until a shrill note can be heard from the car radio.
- 4)The pitch of the note is adjustable by turning the 1 meg potentiometer

resistantly,
Ford Prefect

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```
////////////////////////////////////  
//                  The PIRATES' HOLLOW                  //  
//                  415-236-2371                          //  
//                  over 12 Megs of Elite Text Files      //  
//                  ROR-ALUCARD                           //  
//                  Sysop: Doctor Murdock                  //  
//  C0-Sysops: That One, Sir Death, Sid Gnarly & Finn  //  
//                  //                                      //  
//          "The Gates of Hell are open night and day;    //  
//          Smooth is the Descent, and Easy is the way.."  //  
////////////////////////////////////
```