****
                                                         *
     MEMBER NAME: BLACK2   *
                                                         *
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                   <:-\-Black Box Plans-/-:>
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(>Introduction<)

          What is a BLACK BOX? A BLACK BOX is a device that is hooked up
to your phone that fixes your phone so that when you get a call, the
caller doesn't get charged for the call. This is good for calls up to 1/2
hour, after 1/2 hour the Gestapo (the you can guess what happens.

          What this little beauty does is keep the line voltage from
dropping to 10v when you answer your phone. The line is insted kept at
36v and it will make the phone think that it is still ringing while your
talking. The reason for the 1/2 hour time limit is that the Gestapo thinks
that something is wrong after 1/2 an hour of ringing. (I mean, come on)

(>Phone Modification Instructions<)

     All parts are available Radio Shack. Using the least possible parts
and arrangement, the cost is $0.98; and that is parts for two of them!
Talk about a deal! If you want to splurge then you can get a board, and
a switch. There are two s

                  ** Schematic 1 for most fones **
                  **   LED ON: BOX ON   **

             FROM >--------------------GREEN-> TO
             LINE >--!   1.8k LED !---RED--> FONE
                    !--/\/\/\--!>--!
                    !   !
                    ------>/<-------
                        SPST

     Parts: 1 1.8k 1/2 watt resistor
             1 1.5v LED
             1 SPST switch

 *You may just have two wires which you connect together for the switch.


```
                    **  Schematic 2 for all fones  **
                    **         LED ON: BOX OFF       **
              FROM >--------------GREEN-> TO
              LINE >-------        ---RED--> FONE
                        !  LED !
                        ---->/<--!>--
                        !          !
                        ---/\/\/---
                            1.8k
```

   Parts: 1 1.8k 1/2 watt resistor
           1 1.5v LED
           1 DPST switch

        Here is the PC board layout that I recommend using. It is neat and is
very easy to hook up:


```
              Schematic #1          Schematic #2

              **************      ***************
              *            *      *  -------      *
              * --<LED>--- *      * !      !      *
              * !        ! *      * ! <SWITCH>   *
              * RESISTOR ! *      * ! !        !  *
              *       ! ! *      * ! !        /  *
              * -------- ! *      * ! !        \  *
              * !        ! *      * ! <LED>! /   *
              * --SWITCH-- *      * !      ! \   *
              * !        ! *      * !      ! /   *
           L * !        ! * F L * !       ! ! * F
           I>RED-     -RED>O I>RED-      ---RED>O
           N>-----GREEN---->N N>-----GREEN------>N
           E * h         * E E *            * E
             *************      ***************
```


        Once you have hooked up all the parts, you must figure out what
set of wires go to the line and which go to the fone. This is because of
the fact that LED's must be put in, in a certain direction. Depending on
which way you put the LED is what controls what wires are for the line &
fone.

        In order to find out, hook up the box in one direction using

one set of wires for line and the other for phone.

                    NOTE For Model I switch should be OFF.
                    NOTE For Model][switch should be
                        set to side connecting the LED.

    Once you have hooked it up, then pick up the fone and see if the
LED is on. If it is, the LED will be lit. If is doesn't light then
switch the wires and try again. Once you know which are which then label
them.   *NOTE* - If neither directions worked then your switch was in
the wrong position. Now lable the switch in its current position
as BOX ON.

(>Black Box Usage<)

    The purpose of this box is not to people who call you so it would
make sense that it can only be used to recieve calls.   When the box
is *ON* then you may only recieve calls. Your phone will ring like normal
and the LED light on the box will flash. When you answer the fone the LED
will light and the caller will not be charged. Hang up the fone after you
are done like normal. You will not be ab

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_
    _____-END-_____
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