

# V C R DISASSEMBLED

(L-30)

The following is a list of the electrical elements you are to recover from your VCR. You should attempt to de-solder anything removed, though clipping an element out is acceptable if all else fails. You will be graded on the completeness of your assembly.

The list:

- 1 switch
- 1 resistor
- 1 capacitor (as large in capacitance as you can find)
- 1 inductor
- 1 LED
- 1 diode
- 1 transistor
- 1 motor
- 1 transformer
- 1 read/write head
- 1 potentiometer (or rheostat)
- 1 fuse
- as many gears as you can get (to be used as wheels later)

When you have accumulated your stash, give it to me in a plastic bag for grading.

PLEASE NOTE:

If you can't find an element, or don't know what it looks like, there should be a container at the front of the room in which reside the various individual elements.

What follows on the next several pages are pictures of the elements.

You should attempt to de-solder at least one element in your array.

You will be graded on the completeness of your assembly.

The pictures:

1 switch



1 resistor



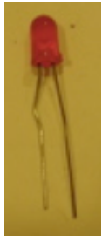
1 capacitor



1 inductor



1 LED



1 diode



1 transistor



1 motor



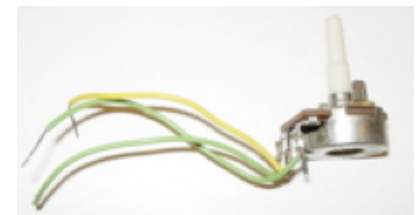
1 transformer



1 read/write head



1 potentiometer (or rheostat—a variable resistor)



L-20

1 motor



1 fuse



When you have accumulated your stash, bring it to me. I will quiz you on the contents of your bag.

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