# ZERO DOWNTIME\*\*

VOLUME I NUMBER IO OCTOBER © EXIDY INC. 1981

## VENTURE<sup>TM</sup> LOGIC AND AUDIO EPROM SETS

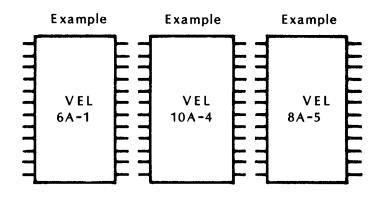
There are 3 versions of Venture Logic EPROMs located in positions 6A through 13A on the logic board. The versions come in sets and must be kept together as sets and cannot be mixed with a set of another version.

The three sets of versions are as follows:

#### Version 1 Version 4 Version 5

VEL 6A-1	VEL 6A-4	<b>VEL 6A-5</b>
<b>VEL 7A-1</b>	<b>VEL 7A-4</b>	<b>VEL 7A-5</b>
VEL 8A-1	VEL 8A-4	<b>VEL 8A-5</b>
VEL 9A-1	<b>VEL 9A-4</b>	<b>VEL 9A-5</b>
<b>VEL 10A-1</b>	<b>VEL 10A-4</b>	VEL 10A-5
VEL 11A-1	<b>VEL 11A-4</b>	VEL 11A-5
<b>VEL 12A-1</b>	<b>VEL 12A-4</b>	VEL 12A-5
VFI 13A-1	VFI 13A-4	VEL 13A-5

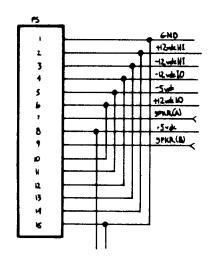
For example VEL 6A-4 cannot be changed with a VEL6A-5. Only a whole set of Version 4 may be switched for a whole set of Version 5 and vice-versa.



Version 1 Version 4 Version 5

### CHECKING VOLTAGE ON VENTURETM

One of the first things to check when you have a problem is your voltage. A good place to check for all your voltages is at the connector P-5 on the Audio/Color board. The voltages should be shown below with connector connected to the audio/color board.



The traces on the audio color board connect 2 pins each from the connector so that you have the same voltages at:

pin 1 + 15	grd
2 + 14	+12vdc HI
3 + 13	-12vdc HI
4 + 12	-12vdc LO
5 + 11	-5 vdc
6 + 10	+12 vdc LO
7, 9	Speaker (A) and (B)
8	+5vdc



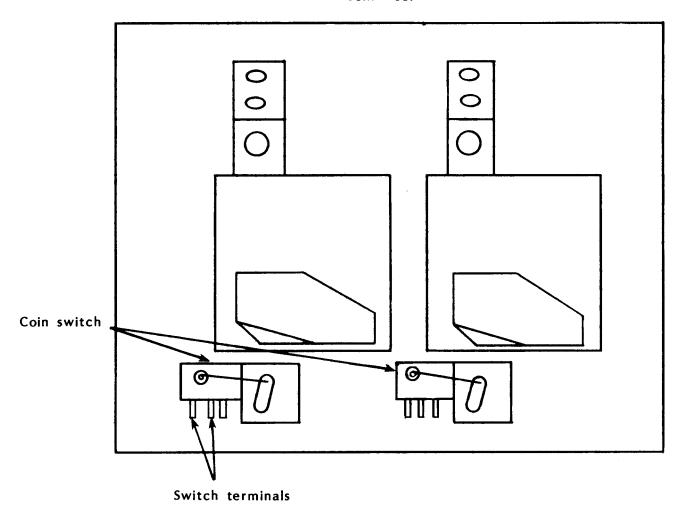
### TO FREEZE PICTURE FOR MONITOR ADJUSTMENT

If you have to adjust the color on your monitor or make other adjustments, you may wish to "freeze" the picture. The easiest way to do this is to activate one of the coin switches. While the switch is activated, the picture will "freeze" on the screen, and

as long as you hold down the coin switch it will remain frozen. Another way of doing this is to jump the switch terminals together or remove either of the wires and place it on the empty terminal. Do your adjustments and then disengage your coin switch.

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### Coin Door



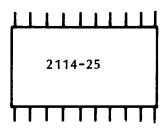
#### MOUSETRAPTM MICROPROCESSOR ON LOGIC BOARD

Mousetrap uses two microprocessors on the audio board (a 6502 and a Z-80) and one microprocessor on the logic board (a 6502A). The logic board must use a 6502A otherwise it will not operate correctly. On the audio board any 6502 will suffice.

### MOUSETRAPTM 2114 LOGIC RAMS

The logic board on Mousetrap uses (8) 2114 RAMs. The speed of these RAMs must be 300 nanoseconds or less or the system will not operate correctly. The way to identify how fast these are is to look at the number following the 2114 marking.

### Example:



2114-25 means this speed of the RAM is 250 nanoseconds.

If you have any questions concerning this information, call Exidy Customer Service at (800) 538-8402 or (408) 734-9410.

Until next month,

Terry Cunnings Terry Cunningham

Field Service Manager

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