

# WMS GAMES

## PARTS AND SERVICE INC.

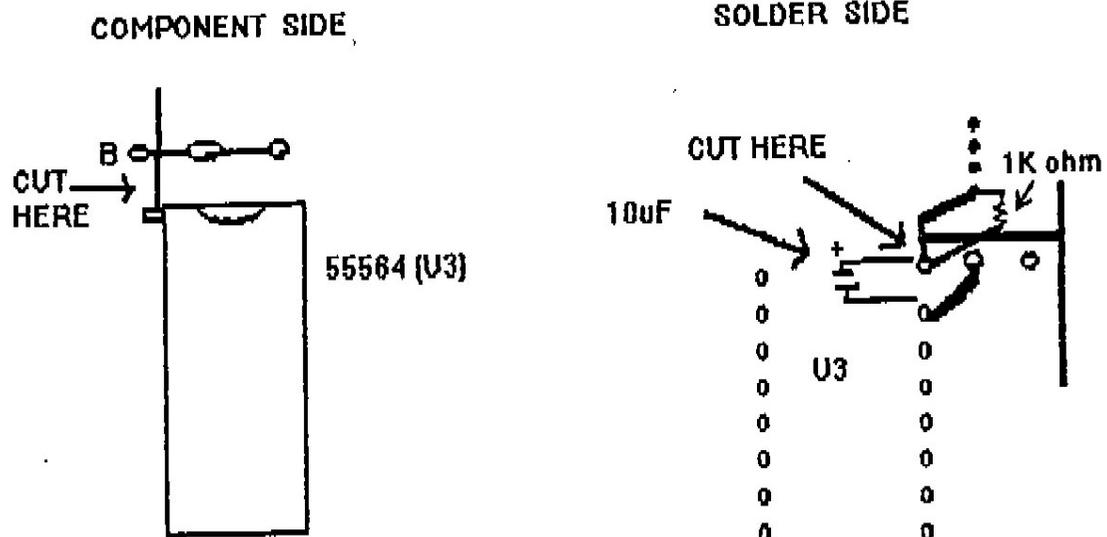
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### SERVICE TIP

SUBJECT: JOKERZ AUDIO HUM

THE FOLLOWING MODIFICATIONS SHOULD BE MADE TO THE SYSTEM 11B BOARD (CPU) IN THE SOUND SECTION TO REDUCE NOISE IN THE JOKERZ PINBALL GAME.

1. PIN 1 OF U3 MUST BE ISOLATED FROM THE +5VDC SUPPLY.



2. BOTH CUTS MUST BE MADE.

3. THEN ADD A 10 uF CAPACITOR FROM PIN 1 TO PIN 2 ON I.C. U3, WITH THE POSITIVE SIDE SOLDERED TO PIN 1.

4. ADD A 1 K ohm RESISTOR FROM U3 PIN 1 TO U9 PIN 20.

5. MAKE SURE YOU HAVE NO LESS THAN CPU EPROM REV.6 AND SOUND EPROM REV. 2

THESE MODIFICATIONS WILL GREATLY REDUCE NOISE IN THE AUDIO SYSTEM.