ATARI®

Drawing Package Supplement

to

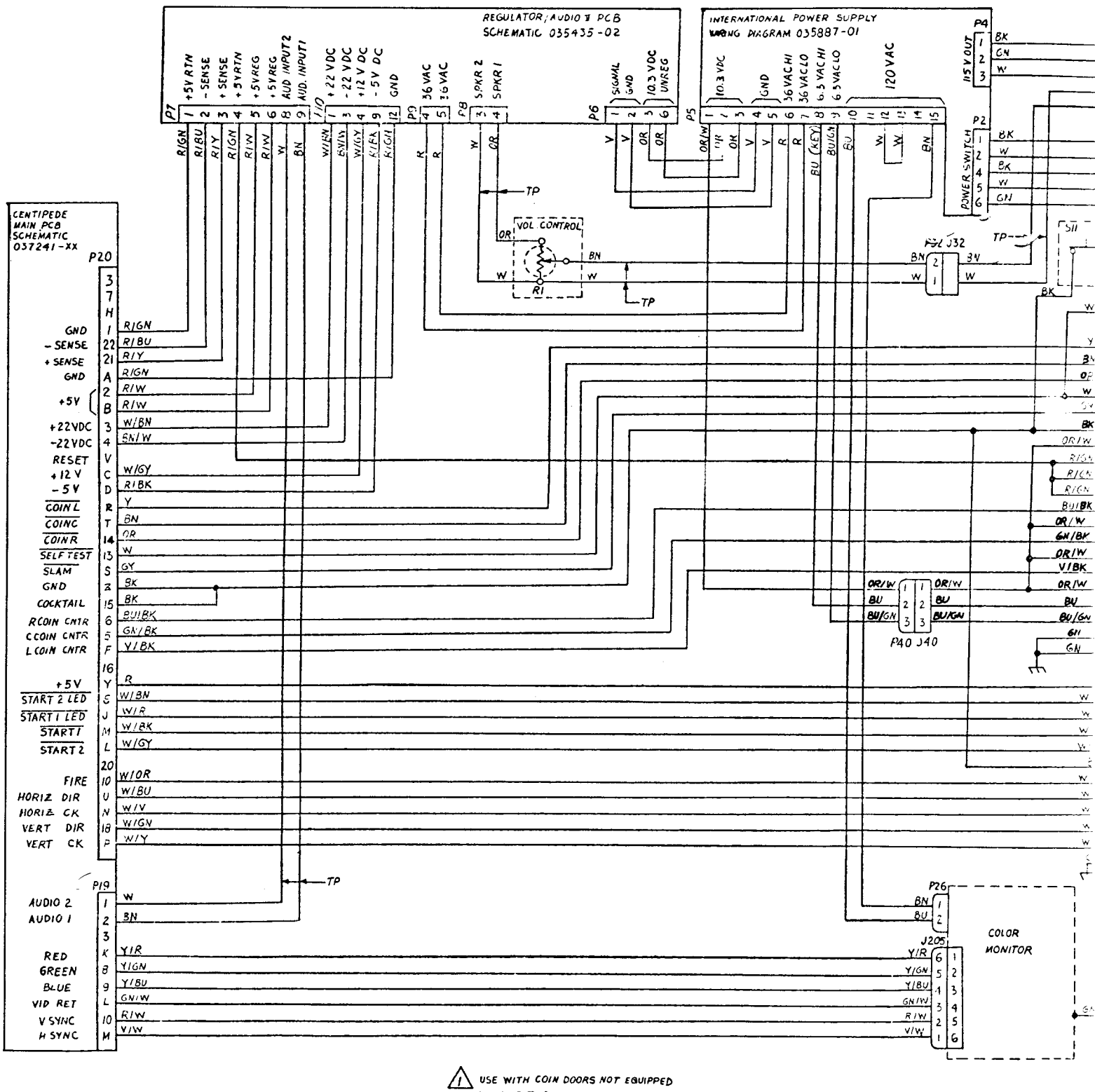
Centipede™

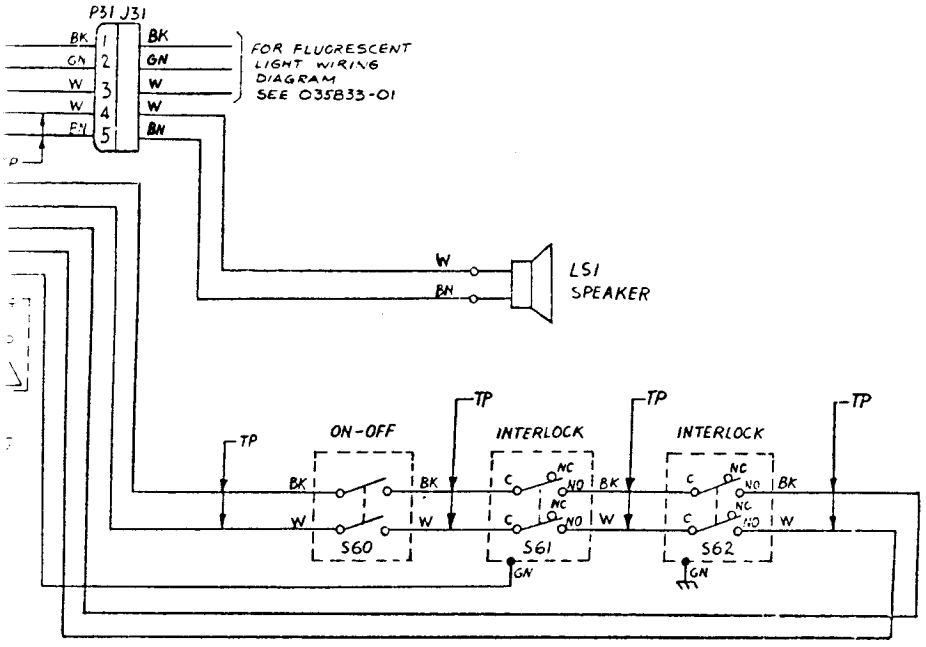
Operation, Maintenance and Service Manual

Contents of this Drawing Package

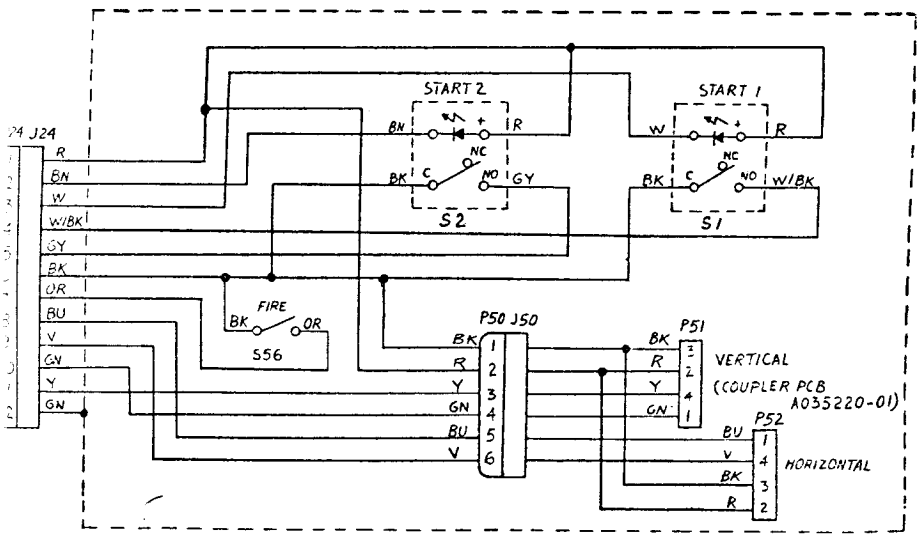
A Warner Communications Company

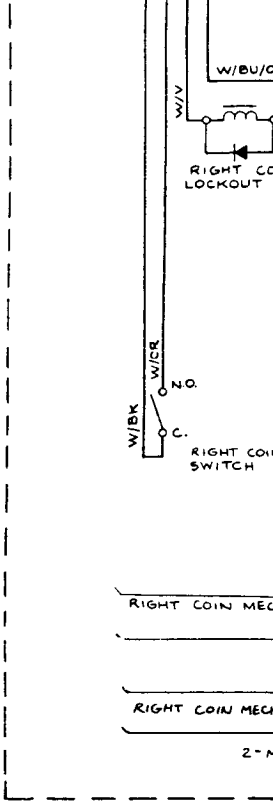
Centipede Wiring Diagram (037432-01 A)



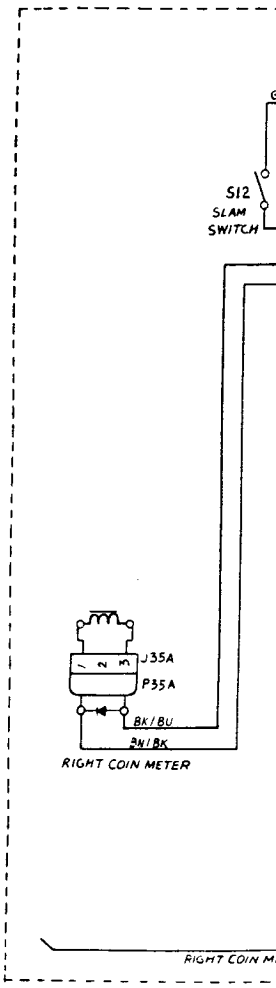


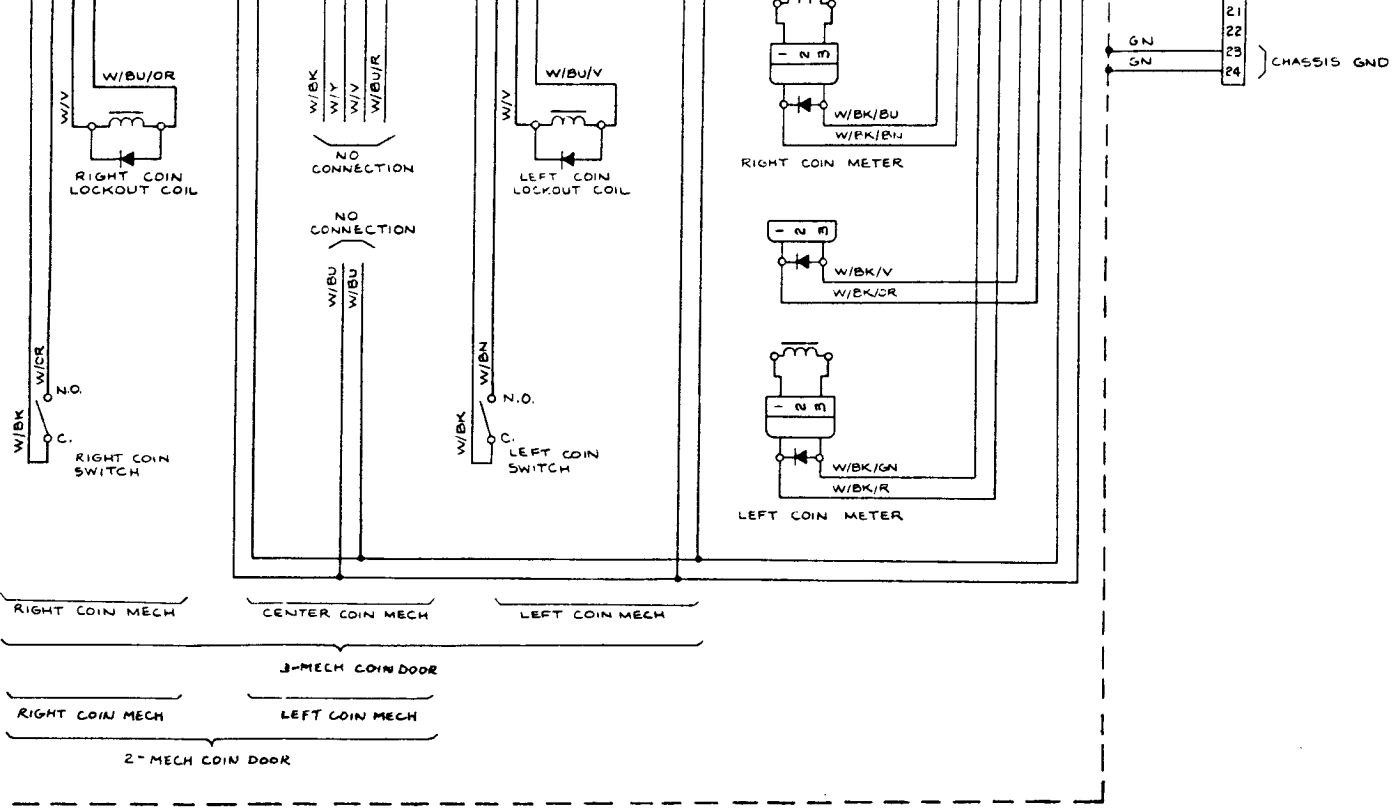
FOR COIN DOOR SCHEMATIC SEE 036835 -01



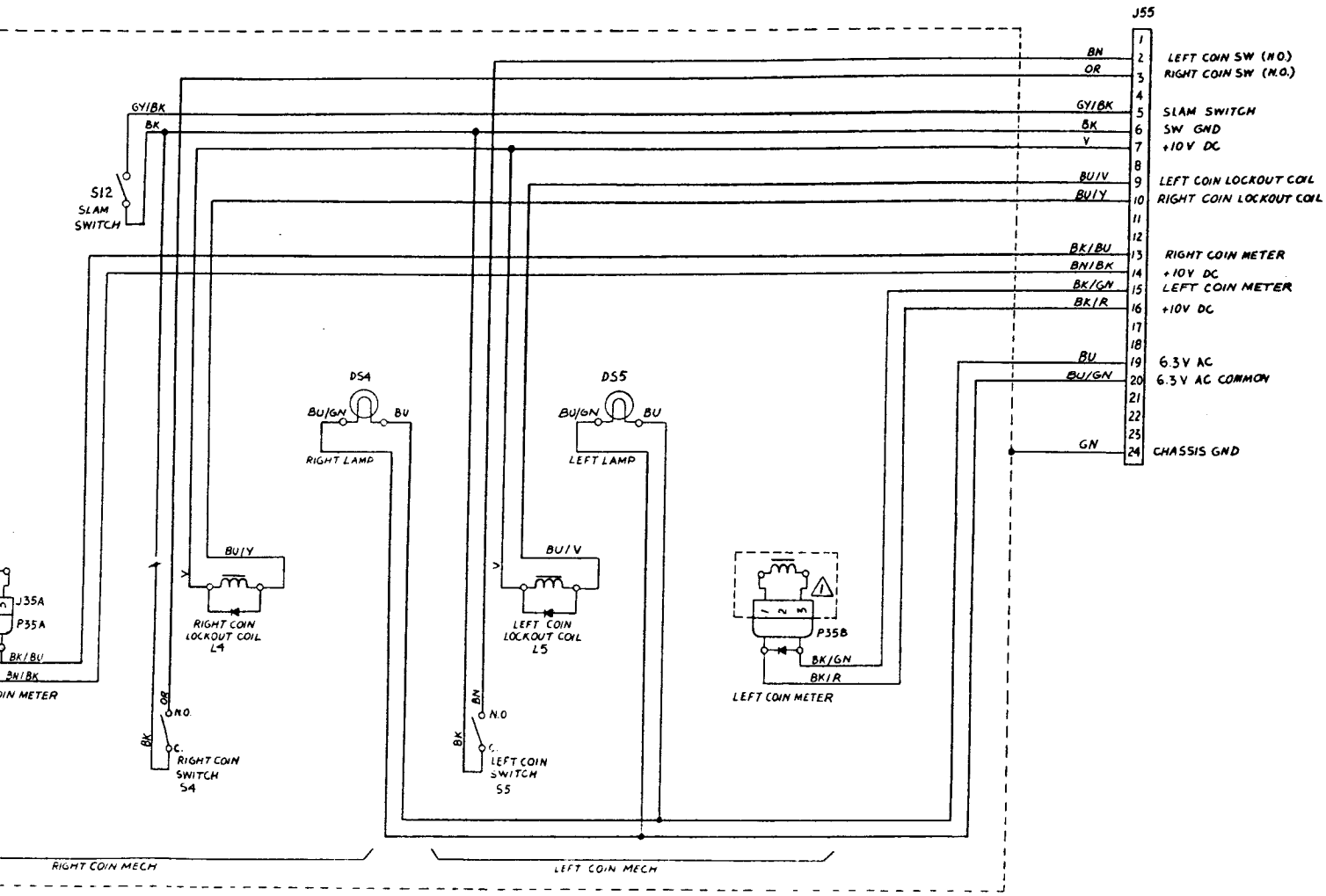


British-Made Coin D

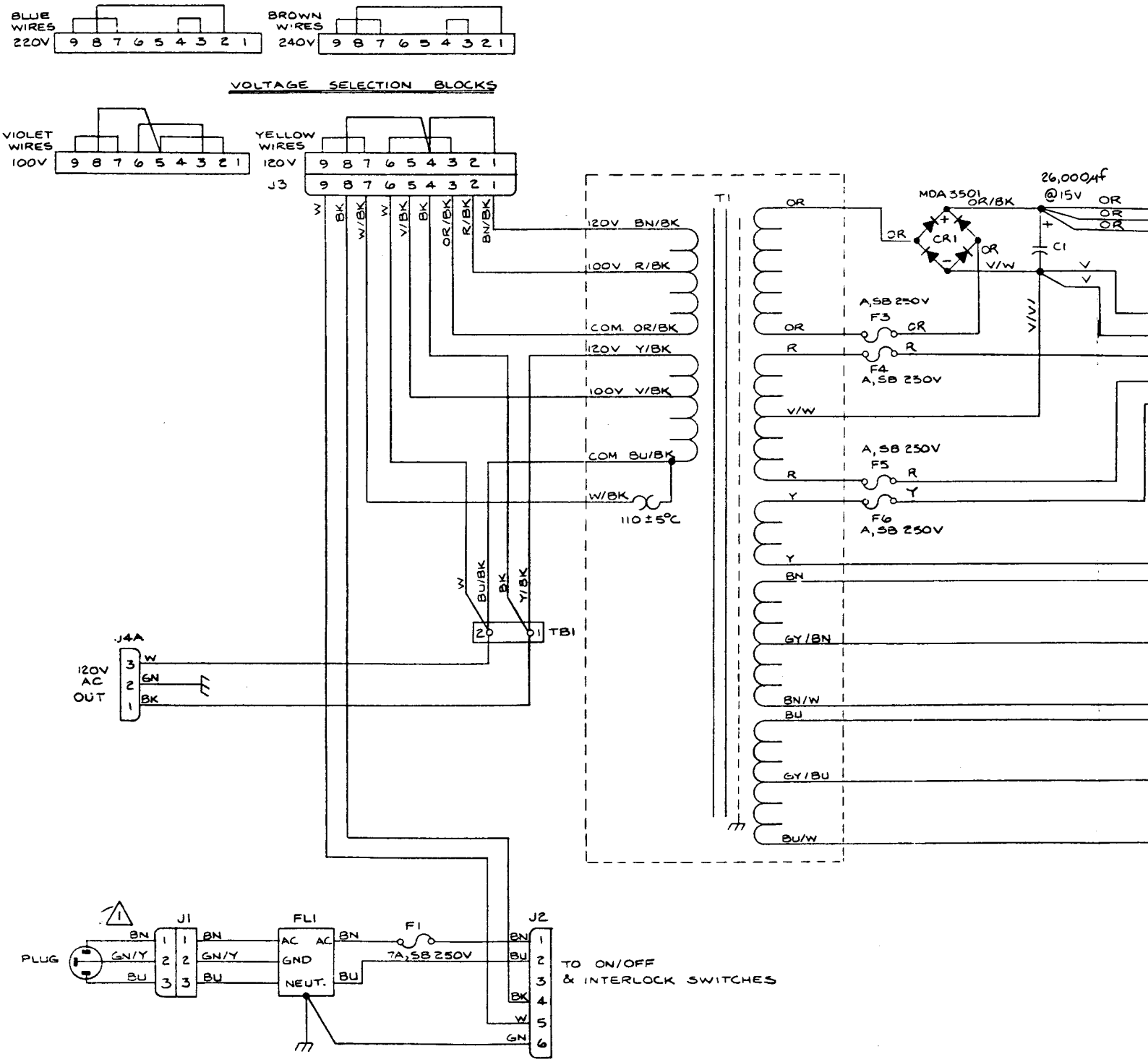


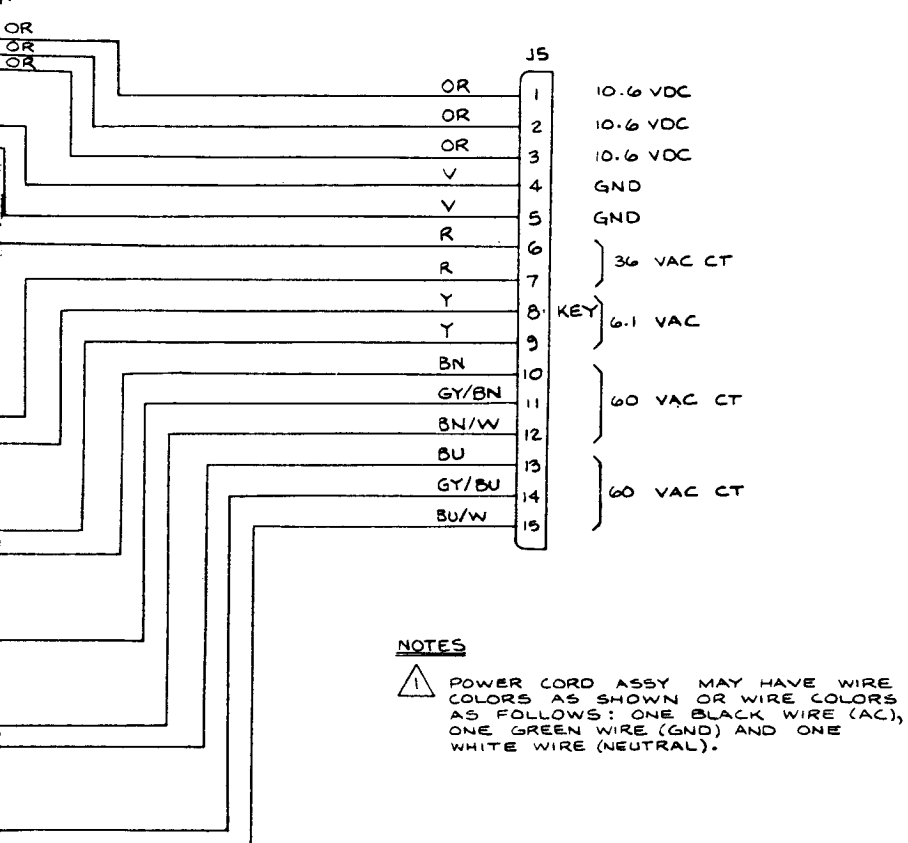


Coin Door Schematic (037050-01 A)



International Power Supply Schematic (037669-01 A)





NOTES

1. POWER CORD ASSY MAY HAVE WIRE COLORS AS SHOWN OR WIRE COLORS AS FOLLOWS: ONE BLACK WIRE (AC), ONE GREEN WIRE (GND) AND ONE WHITE WIRE (NEUTRAL).

Regulator Audio

Regulator/Audio II PCB

The Regulator/Audio II PCB has ulating the +5 VDC logic power t plifying the audio from the game

Regulator Circuit

The regulator consists of volta pass transistor Q3 and Q3's driver tor accurately regulates the logic PCB by monitoring the voltage thr puts +SENSE and −SENSE. The the +5 VDC and ground inputs to t the regulator regulates the voltage eliminates a reduced voltage due harness between the regulator and resistor R8 is adjusted for the +5 Once adjusted, the voltage at the in remain constant at this voltage.

Regulator Adjustment

1. Connect a voltmeter between + of the game PCB.
2. Adjust variable resistor R8 or PCB for +5 VDC reading on t
3. Connect a voltmeter between the Regulator/Audio II PCB. V be greater than +5.5 VDC. If g connectors on both the gam tor/Audio II PCB.
4. If cleaning PCB edge connecto age difference, connect minus test point of Regulator/Audio GND test point of game PCB.

   Now connect minus lead of v point on Regulator/Audio II PC test point on game PCB. From harness circuit is dropping th the appropriate harness wire c

Audio Circuit

The audio circuit contains two i fiers. Each amplifier consists a T an effective gain of 2.2.

PCB Schematic (035435-02 D)

dual functions of reg-
e game PCB and am-

regulator Q1, power
sistor Q2. The regula-
ver input to the game
h high-impedance in-
puts are directly from
game PCB. Therefore,
the game PCB. This
IR loss in the wire
e game PCB. Variable
DC on the game PCB.
of the game PCB will

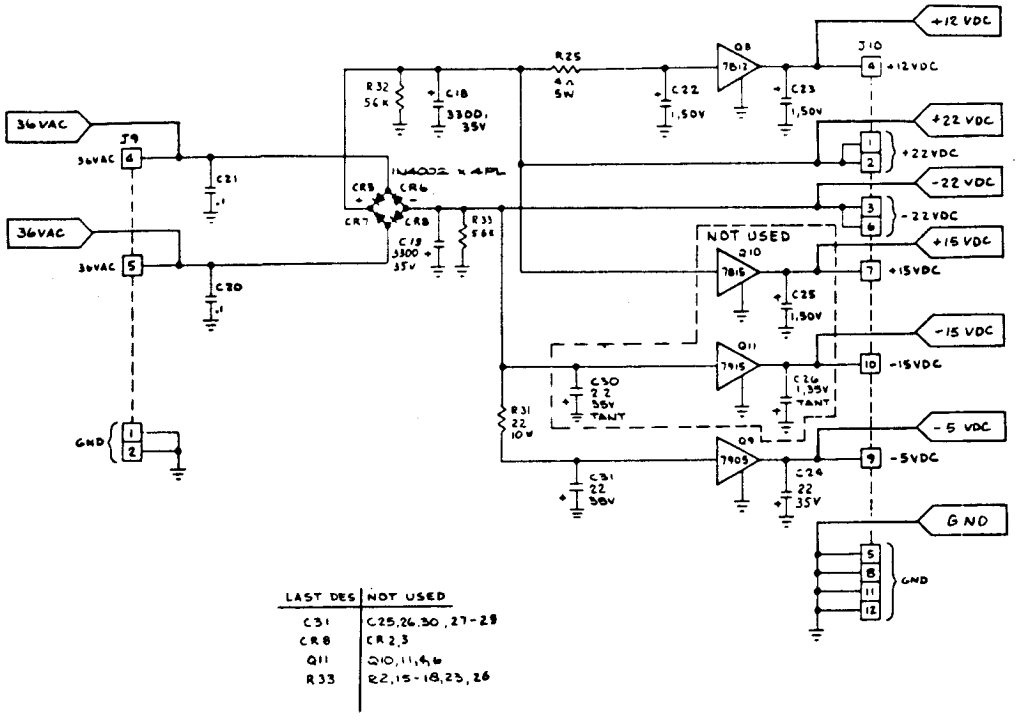
V and GND test points

ne Regulator/Audio II
voltmeter.
V REG and GND on
age reading must not
ter, try cleaning edge
PCB and the Regula-

doesn't decrease volt-
d of voltmeter to GND
PCB and plus lead to
te the voltage.
meter to +5 REG test
nd plus lead to +5 V
s you can see which
voltage. Troubleshoot
arness connector.

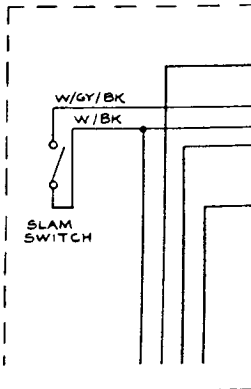
pendent audio ampli-
2002AV amplifier with

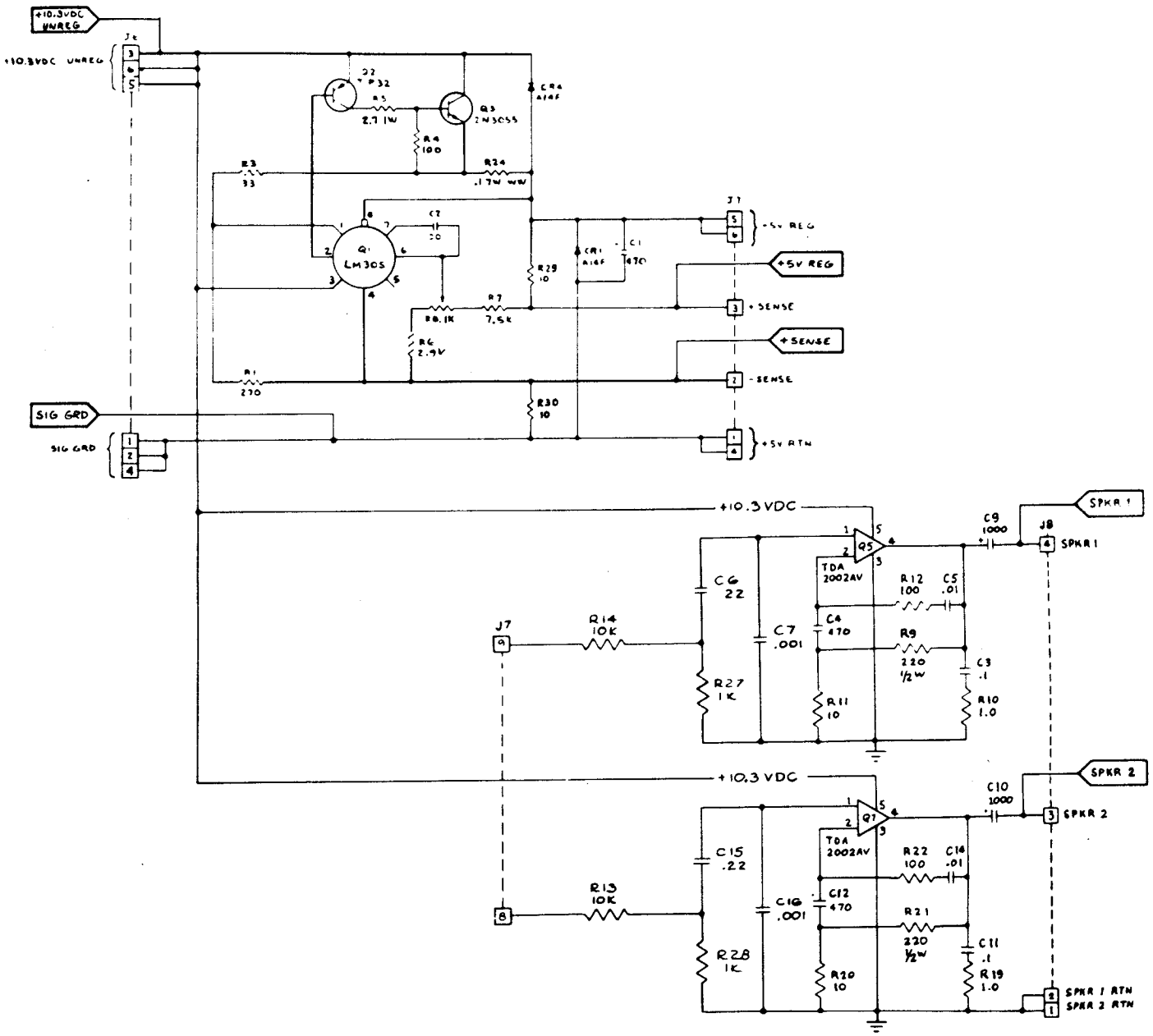
es a test point



LAST DES	NOT USED
C31	C25,26,30,27-29
CR8	CR2,3
Q11	Q10,11,4,6
R33	R2,15-18,23,26

American-Made Co





Coin Door Schematic (036835-01 A)