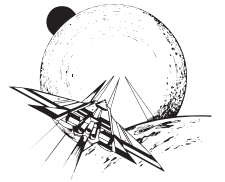


# FIREPOWER

## Backbox Wiring Diagram

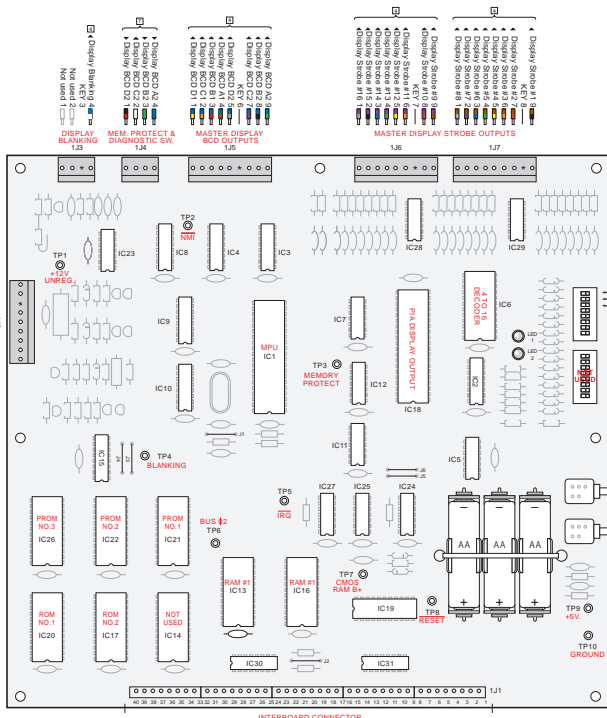
ISSUE NUMBER 3.0 (21 FEB 2007)  
 CREATED BY: Phil Butcher  
 www.firepowerinball.com



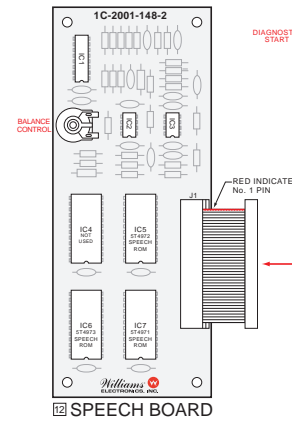
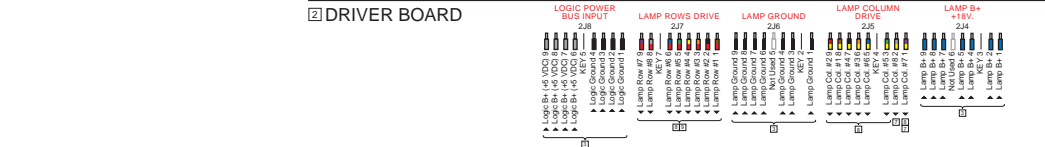
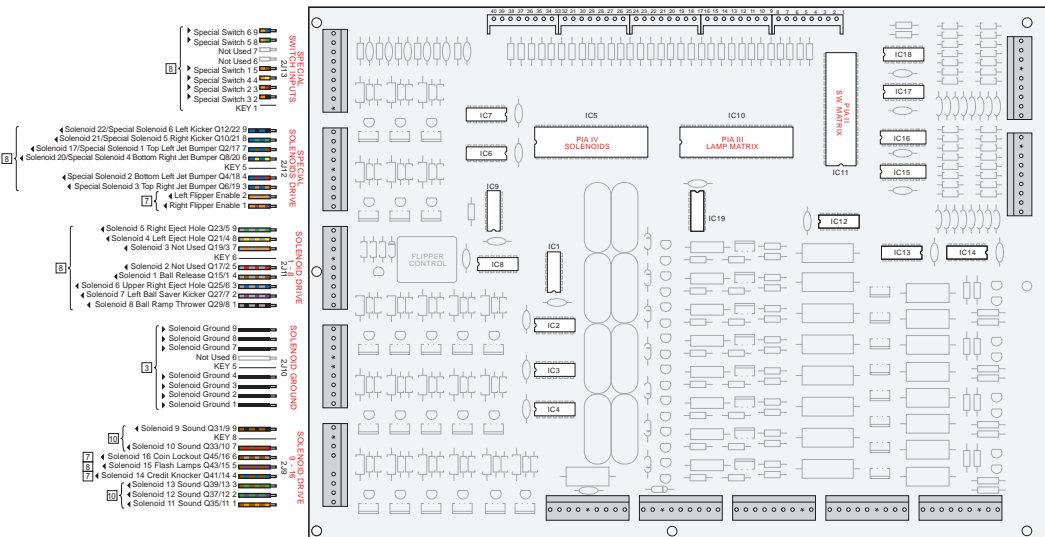
- BOARD CONNECTIONS:**
- 1 CPU BOARD
  - 2 DRIVER BOARD
  - 3 POWER SUPPLY BOARD
  - 4 MASTER DISPLAY BOARD
  - 5 SLAVE DISPLAY BOARD
  - 6 BACKBOX
  - 7 CABINET
  - 8 PLAYFIELD
  - 9 INSERT BOARD
  - 10 SOUND BOARD
  - 11 NOT ASSIGNED
  - 12 SPEECH MODULE

- LOGIC POWER**
- Logic B+ (+12 V Unregulated) 9
  - Not used 8
  - KEY 7
  - Logic B+ (+5 VDC) 6
  - Logic B+ (+5 VDC) 5
  - Logic B+ (+5 VDC) 4
  - Logic Ground 3
  - Logic Ground 2
  - Logic Ground 1

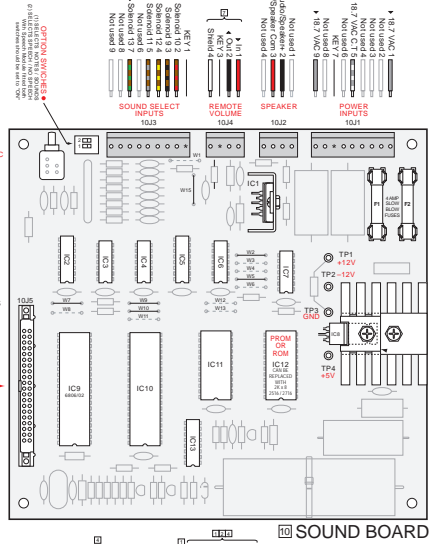
1 CPU BOARD



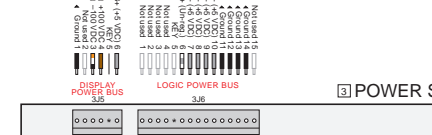
2 DRIVER BOARD



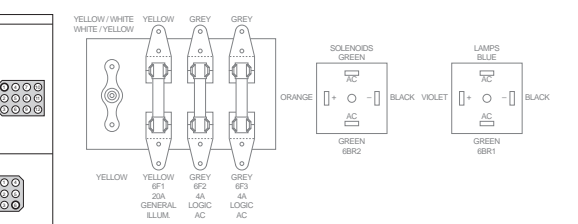
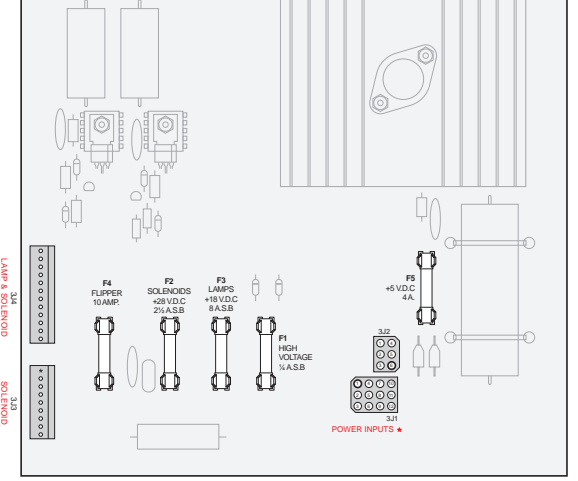
12 SPEECH BOARD



10 SOUND BOARD



3 POWER SUPPLY BOARD



- SWITCH COLUMN (LAMP)**
- 1 Switch Column #8
  - 2 Switch Column #7
  - 3 Switch Column #6
  - 4 KEY
  - 5 Switch Column #5
  - 6 Switch Column #4
  - 7 Switch Column #3
  - 8 Switch Column #2
  - 9 Switch Column #1

- SWITCH ROW (SPEECH)**
- 1 Switch Row #7
  - 2 KEY
  - 3 Switch Row #6
  - 4 Switch Row #5
  - 5 Switch Row #4
  - 6 Switch Row #3
  - 7 Switch Row #2
  - 8 Switch Row #1

- POWER INPUT INTERCONNECTS**
- Lamps (+18 VDC) 1
  - Solenoids (+28 VDC) 2
  - Not used 3
  - 90 VAC 4
  - Not used 5
  - Not used 6
  - Not used 7
  - Not used 8
  - 90 VAC 9
  - 18.7 VAC 10
  - 18.7 VAC 11
  - 18.7 VAC C.T. 12

