Williams System 6
Backbox Wiring Diagram

CPU BOARD

DRIVER BOARD

SOUND BOARD

POWER SUPPLY BOARD

DIAGNOSTIC COMMAND INPUTS

Switches & Lamps

SPEECH BOARD

SOUND BOARD

POWER SUPPLY BOARD

Special Solenoid 1 (Solenoid 17) Q2/17 7
Solenoid 13 Sound Q39/13 3
Solenoid 11 Sound Q35/11 1
Solenoid 9 Sound Q31/9 9
Solenoid 15  Q43/15 5
Solenoid 16  Q45/16 6
Solenoid 8 Q29/8 1
Solenoid 7 Q27/7 2
Solenoid 6 Q25/6 3
Solenoid 2 Q17/2 5
Solenoid 4 Q21/4 8
Solenoid 5 Q23/5 9

Special Switch 3
Special Switch 2
Special Switch 4
Special Switch 1
Not Used

Logic B+ (+12 V Unregulated) 9
Logic B+ (+5 VDC) 8
Logic B+ (+5 VDC) 7
Logic Ground 3
Not used

KEY 1
KEY 2
KEY 3
KEY 4
KEY 5
KEY 6
KEY 7

PROM
RAM #1
RAM #1

LAMP ROWS DRIVE
SWITCH INPUTS
SOLENOID DRIVE
SWITCH COLUMN
SWITCH ROW

BUS INPUT
LOGIC POWER
BUS 02
3 - 16 SOLENOID GROUND

LAMP GROUND

18.7 VAC C.T.
Lamp B+ 9
Lamp B+ 8
Lamp B+ 7
Lamp B+ 5
Lamp B+ 4

Lamp Row #6 6
Lamp Row #5 5
Lamp Row #4 4
Lamp Col. #1 8
Lamp Col. #4 7
Lamp Col. #5 3
Lamp Col. #6 2
Lamp Ground 9
Lamp Ground 8
Lamp Ground 7

DIAGNOSTIC START

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