

## **WMS 3-7 Combination MPU and Driver Install Instructions**

Remove the original MPU and Driver Board.

Remove the slotted shelf the original MPU rests on (two screws). It will not be used.

Set the game select dip switch on the new replacement per the chart on the next page.

Fit the new replacement MPU and Driver combination board in the place the original driver board was at.

Remove the wire clips for the connectors going to the top of the original MPU.

Carefully plug in connectors minding key pins. There are a couple plugs that are normally missing keys and there a couple plugs keyed alike. If you are unsure, check the Williams wiring diagram. The replacement board connector numbers and placement match the original board.

On first boot up you will likely get audit mode. Open the coin door and power cycle twice to get to attraction mode.

All game settings can be found in the original WMS documentation (operator's handbook).

**\* WARNING \* 1J2 AND 1J6 ARE KEYED ALIKE.  
REVERSING THESE CONNECTORS RESULTS  
IN DAMAGE TO MPU U6 & U102 (HC138).  
BLACK AND GREY WIRES GO TO 1J2  
TIE WIRE HARNESS SO 1J6 CAN'T REACH 1J2**

## WILLIAMS 3-7 COMBO ROM

	GAME	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
00	ALGAR	X	ON	ON	ON	ON	ON	ON	X
01	ALIEN POKER	X	ON	ON	ON	ON	ON	OFF	X
02	ARISTOCRAT	X	ON	ON	ON	ON	OFF	ON	X
03	ARISTOCRAT-RED	X	ON	ON	ON	ON	OFF	OFF	X
04	BARACORA	X	ON	ON	ON	OFF	ON	ON	X
05	BIG STRIKE	X	ON	ON	ON	OFF	ON	OFF	X
06	BIG STRIKE RED	X	ON	ON	ON	OFF	OFF	ON	X
07	BLACK KNIGHT	X	ON	ON	ON	OFF	OFF	OFF	X
08	BLACK OUT	X	ON	ON	OFF	ON	ON	ON	X
09	CONTACT	X	ON	ON	OFF	ON	ON	OFF	X
10	CONTACT RED	X	ON	ON	OFF	ON	OFF	ON	X
11	CONTACT RED FREE	X	ON	ON	OFF	ON	OFF	OFF	X
12	COSMIC GUNFIGHT	X	ON	ON	OFF	OFF	ON	ON	X
13	DEFENDER	X	ON	ON	OFF	OFF	ON	OFF	X
14	DISCO FEVER	X	ON	ON	OFF	OFF	OFF	ON	X
15	DISCO FEVER RED	X	ON	ON	OFF	OFF	OFF	OFF	X
16	DISCO FEVER RED FREE	X	ON	OFF	ON	ON	ON	ON	X
17	FIREPOWER	X	ON	OFF	ON	ON	ON	OFF	X
18	FIREPOWER 2	X	ON	OFF	ON	ON	OFF	ON	X
19	FLASH GREEN	X	ON	OFF	ON	ON	OFF	OFF	X
20	GORGAR	X	ON	OFF	ON	OFF	ON	ON	X
21	HOT TIP	X	ON	OFF	ON	OFF	ON	OFF	X
22	HOT TIP RED	X	ON	OFF	ON	OFF	OFF	ON	X
23	HOT TIP RED FREE	X	ON	OFF	ON	OFF	OFF	OFF	X
24	JOUST	X	ON	OFF	OFF	ON	ON	ON	X
25	JUNGLE LORD	X	ON	OFF	OFF	ON	ON	OFF	X
26	KING TUT	X	ON	OFF	OFF	ON	OFF	ON	X
27	KING TUT RED	X	ON	OFF	OFF	ON	OFF	OFF	X
28	LASER BALL	X	ON	OFF	OFF	OFF	ON	ON	X
29	LASER CUE	X	ON	OFF	OFF	OFF	ON	OFF	X
30	LUCKY 7S	X	ON	OFF	OFF	OFF	OFF	ON	X
31	LUCKY 7S RED	X	ON	OFF	OFF	OFF	OFF	OFF	X
32	LUCKY 7S RED FREE	X	OFF	ON	ON	ON	ON	ON	X
33	OMNI	X	OFF	ON	ON	ON	ON	OFF	X
34	OMNI RED	X	OFF	ON	ON	ON	OFF	ON	X
35	PHAROAH	X	OFF	ON	ON	ON	OFF	OFF	X
36	PHOENIX	X	OFF	ON	ON	OFF	ON	ON	X
37	PHOENIX RED	X	OFF	ON	ON	OFF	ON	OFF	X
38	PHOENIX RED FREE	X	OFF	ON	ON	OFF	OFF	ON	X
39	POKERINO	X	OFF	ON	ON	OFF	OFF	OFF	X
40	POKERINO RED	X	OFF	ON	OFF	ON	ON	ON	X
41	POKERINO RED FREE	X	OFF	ON	OFF	ON	ON	OFF	X
42	POMPEII	X	OFF	ON	OFF	ON	OFF	ON	X
43	POMPEII RED	X	OFF	ON	OFF	ON	OFF	OFF	X
44	SCORPION	X	OFF	ON	OFF	OFF	ON	ON	X
45	SOLARFIRE	X	OFF	ON	OFF	OFF	ON	OFF	X
46	STARLIGHT	X	OFF	ON	OFF	OFF	OFF	ON	X
47	STELLAR WARS	X	OFF	ON	OFF	OFF	OFF	OFF	X
48	TAURUS	X	OFF	OFF	ON	ON	ON	ON	X
49	TAURUS RED	X	OFF	OFF	ON	ON	ON	OFF	X
50	TIME FANTASY	X	OFF	OFF	ON	ON	OFF	ON	X
51	TIME WARP	X	OFF	OFF	ON	ON	OFF	OFF	X
52	TOPAZ	X	OFF	OFF	ON	OFF	ON	ON	X
53	TOPAZ RED	X	OFF	OFF	ON	OFF	ON	OFF	X
54	TRIPLE STRIKE	X	OFF	OFF	ON	OFF	OFF	ON	X
55	TRIPLE STRIKE RED	X	OFF	OFF	ON	OFF	OFF	OFF	X
56	TRIZONE	X	OFF	OFF	OFF	ON	ON	ON	X
57	VARKON	X	OFF	OFF	OFF	ON	ON	OFF	X
58	WARLOK	X	OFF	OFF	OFF	ON	OFF	ON	X
59	WORLD CUP	X	OFF	OFF	OFF	ON	OFF	OFF	X
60	WORLD CUP RED	X	OFF	OFF	OFF	OFF	ON	ON	X
61	WORLD CUP RED FREE	X	OFF	OFF	OFF	OFF	ON	OFF	X

REV 3 - 2023-10-29

X = DON'T CARE

RED ROM ADJUSTMENTS ARE ENTERED WITH THE START & ADVANCE BUTTONS.

RED SHUFFLE BOWLER FREE PLAY WHEN MAX CREDITS = ZERO

TEST MODE NOT AVAILABLE IN RED ROM VERSIONS.