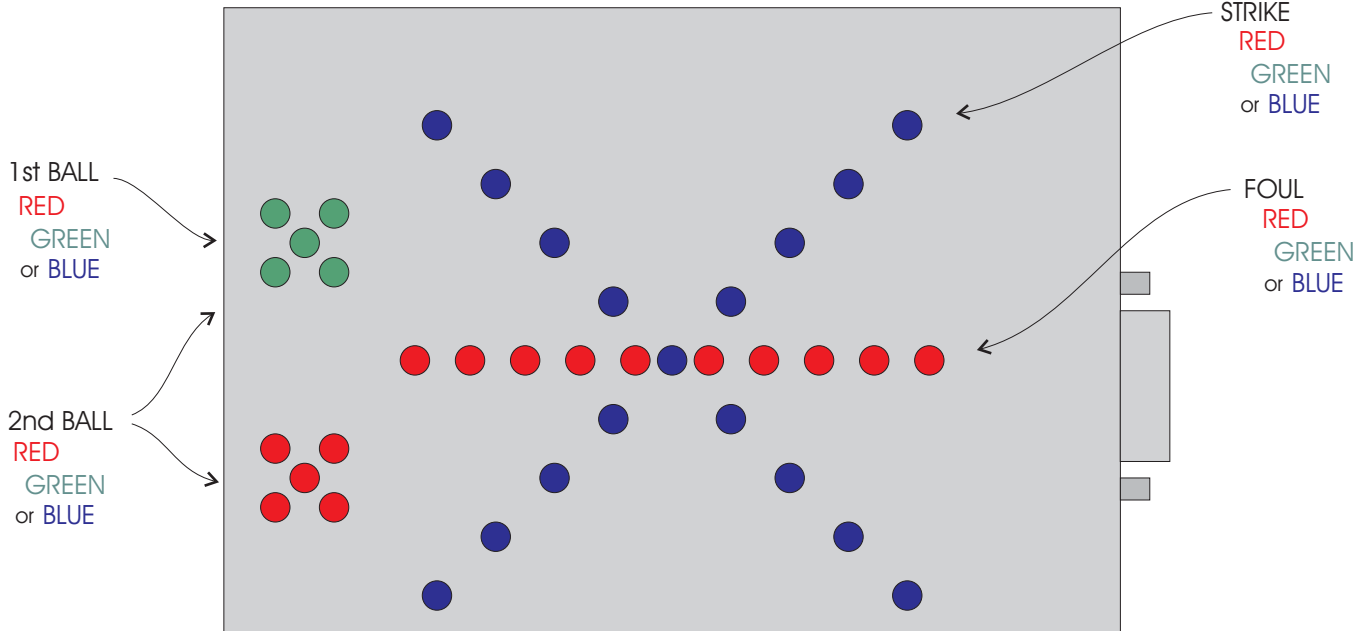


Mask PCB RGB

Universal - for all Pinspotters and Pinsetters

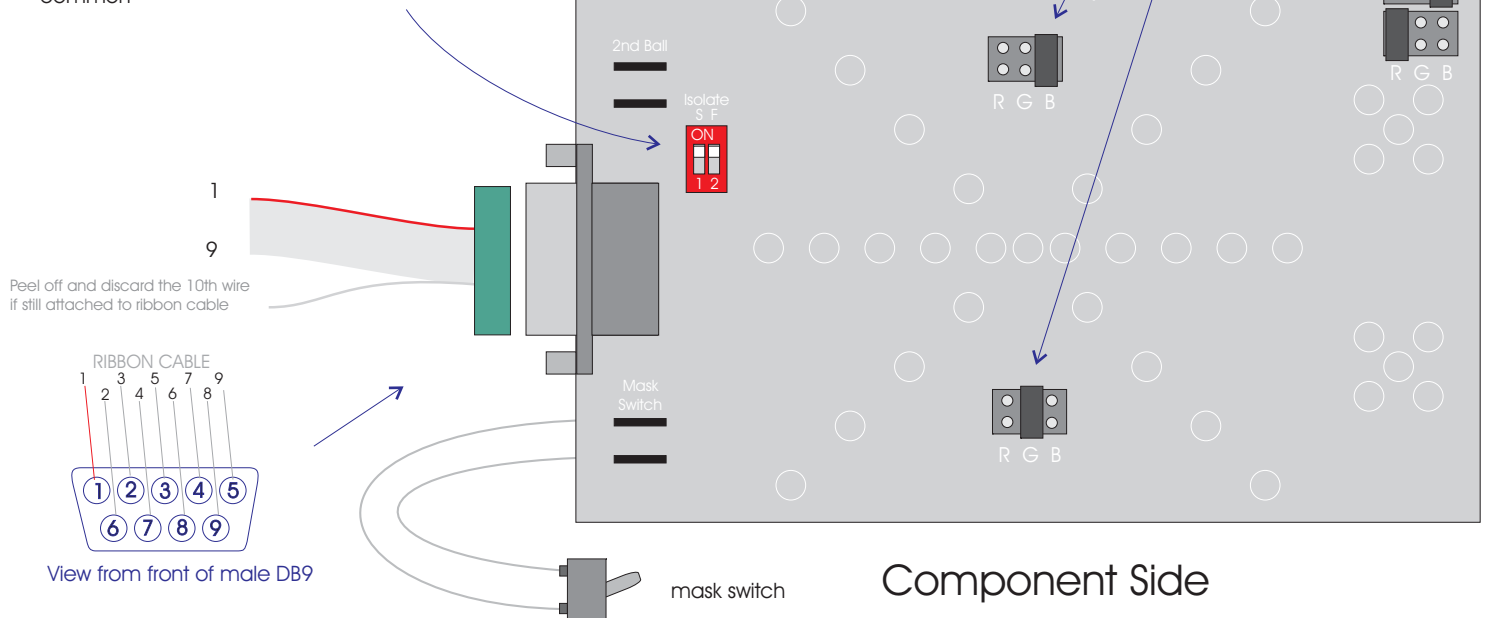


LED side

Foul/Strike circuit isolate switch

Switch ON (up) where Foul and Strike use the same common as the main power to the board (most AMF machines)

Switch OFF (down) where Foul and Strike are separate two-wire circuits with their own common





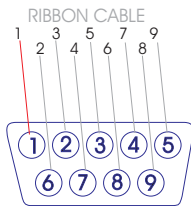
AMF 82-70

Very important - this wire must be connected to chassis ground. On CPC chassis, it may be possible to use a spare terminal for ground.

	Chassis PM Plug type		Ribbon Cable conductor numbers	9 pin D plug pin numbers on Mask PCB
	ELCO	CPC		
Mask Switch	E 2	2	1	1
Ground	to chassis frame		2	6
Mask Switch	E28	28	3	2
			4	7
12V (unfiltered)	E29	29	5	3
			6	8
Foul	E27	27	7	4
2nd Ball	E25	25	8	9
Strike	E26	26	9	5

Note: 1st ball PM terminal E24 is not used.

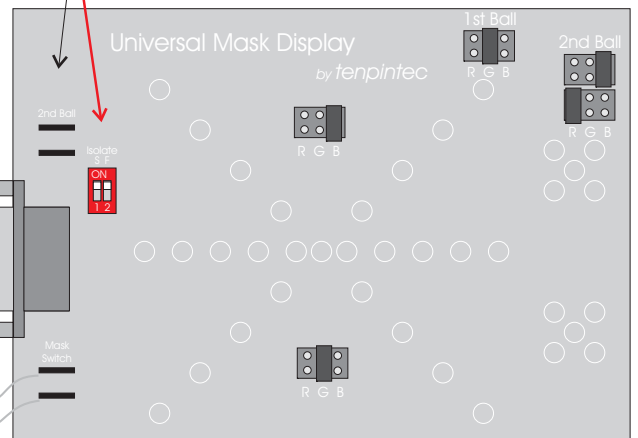
Peel off and discard the 10th wire if still attached to ribbon cable



View from front of male DB9

Isolate Switches ON will link pins 3, 7 and 8 on 9 pin D plug

2nd Ball circuit - use to provide signal to auto score where required



mask switch

AMF 82-70XL and 82-90XL

FRONT END BOX

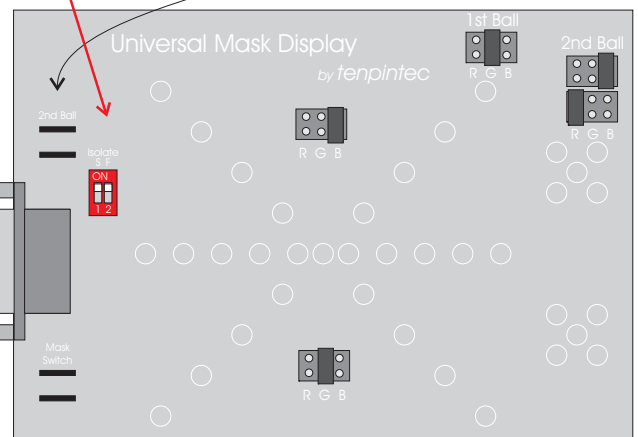
Note: This is not a straight-through connection from Front End Box to the Mask Board.
 Ground changes from Pin 1 to Pin 6
 Ball Light Power changes from Pin 8 to Pin 3 (if Isolate switch is off)

Pins 1 and 6 can be linked together on the back of the circuit board. This will allow a straight-through cable to be used from the Front End Box to the LED board.

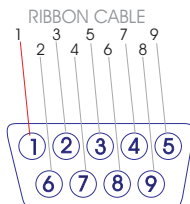
2nd Ball circuit - use to provide signal to auto score where required

9 pin D plug pin numbers - Front End Box	Ribbon Cable conductor numbers	9 pin D plug pin numbers - Mask LED circuit board
1 Ground	1	1 Ground
6	2	6
2	3	2
7 12VDC	4	7
3	5	3 Ball Light Power
8 Ball Light Power	6	8
4 Foul	7	4 Foul
9 2nd Ball	8	9 2nd Ball
5 Strike	9	5 Strike

Isolate Switches ON will link pins 3, 7 and 8 on 9 pin D plug



Fit a 9 pin D plug to the machine end of the ribbon cable and plug into the Front End Box

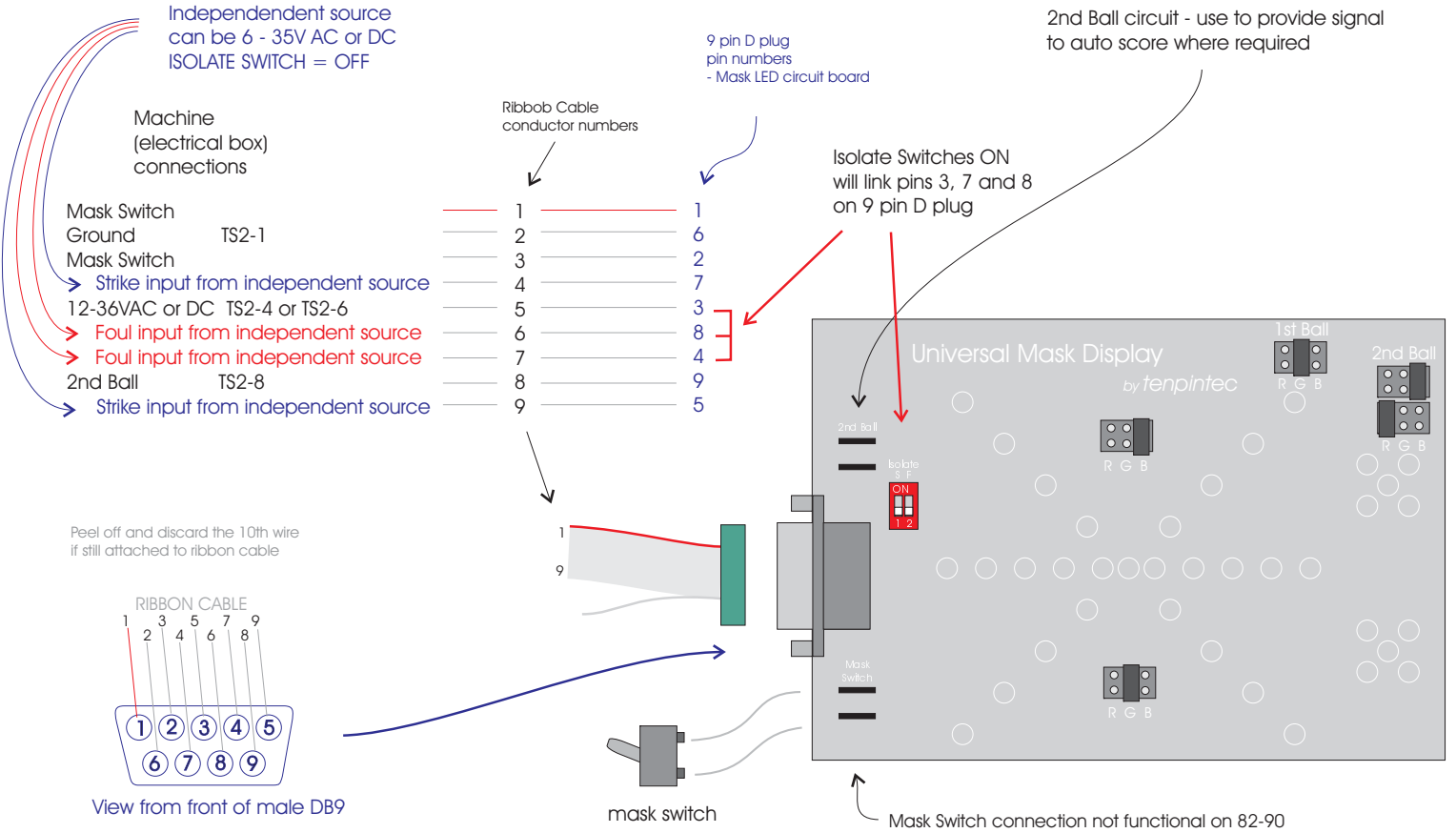


View from front of male DB9 plug on circuit board

Peel off and discard the 10th wire if still attached to ribbon cable

Mask Switch connection not functional on 82-90

Brunswick A/A2



MASK UNIT CONNECTOR

Brunswick GS

