PINSHAKERS

UPDATED: 11/9/2020

The following pages contain the DIP switch settings on the motor driver board for all of the Gottlieb Sys 3 era pinball machines currently in use with the Pinshakers Universal Shaker Motor Kit.

You may choose to have one or more of these switches to be on at any given time. Each setting contains the name and solenoid number found in the solenoid table.

These settings are derived from the operator's manuals. Due to occasional misprints, we recommend you verify these settings first by going into the test menu.

Legend

Do Not Use - This position is connected on the machine however we do not recommend you turn it on as we have not done sufficient testing for that particular solenoid type. No damage will likely occur if you do, however you understand the risks of turning on an untested circuit.

Not Used - This position has no connection on the machine according to the user manual. Turning on this position should have no effect on the shaker, however it is recommended that you leave it off anyways.

Not Connected - This position has no connection between the wire harness adapter and the motor driver board. Nothing will happen if this position is turned on or off. There is still a connection between the machine's connector and the power driver board, just not between the motor driver board and the machine.

Unknown - We do not have any information about the triggers on this machine. Please refer to your user manual for available trigger selections.

TABLE OF CONTENTS

Page 03: Barb Wire
Page 04: Cue Ball Wizard
Page 05: Frank Thomas' Big Hurt
Page 06: Freddy A Nightmare on Elm Street
Page 07: Gladiators
Page 08: Mario Andretti
Page 09: Rescue 911
Page 10: Shaq Attaq
Page 11: Stargate
Page 12: Street Fighter II
Page 13: Super Mario Bros.
Page 14: Tee'd Off
Page 15: Waterworld
Page 16: Wipe Out
Page 17: World Challenge Soccer
Page 18:
Page 19:
Page 20:
Page 21:
Page 22:
Page 23:
Page 24:
Page 25:
Page 26:
Page 27:
Page 28:
Page 29:
Page 30:
Page 31:
Page 32:
Page 33:
Page 34:
Page 35:
Page 36:
Page 37:
Page 38:
Page 39:
Page 40:
Page 41:
Page 42:
Page 43:
Page 44:
Page 45:
Page 46:
Page 47:
Page 48:
Page 49:
Page 50:
Page 51:
Page 52:
Page 53:
Page 54:
Page 55:
Page 56:
Page 57:
Page 58:
Page 59:
Page 60:
Page 61:
Page 62:
Page 63:
Page 64:
Page 65:
Page 66:
Page 67:
Page 68:

Barb Wire / Harness "A" / A3P5

Unknown								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Barb Wire / Harness "B" / A3P5

Unknown								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Barb Wire / Harness "A" / A3P6

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Barb Wire / Harness "B" / A3P6

Unknown								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Barb Wire / Harness "C" / A111J2

Unknown								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Cue Ball Wizard / Harness "A" / A3P5

Unknown								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Cue Ball Wizard / Harness "B" / A3P5

Unknown								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Cue Ball Wizard / Harness "A" / A3P6

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Cue Ball Wizard / Harness "B" / A3P6

Unknown								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Cue Ball Wizard / Harness "C" / A111J2

Unknown								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Frank Thomas' Big Hurt / Harness "A" / A3P5

Unknown								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Frank Thomas' Big Hurt / Harness "B" / A3P5

Unknown								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Frank Thomas' Big Hurt / Harness "A" / A3P6

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Frank Thomas' Big Hurt / Harness "B" / A3P6

Unknown								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Frank Thomas' Big Hurt / Harness "C" / A111J2

Unknown								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Freddy A Nightmare on Elm Street / Harness "A" / A3P5

Unknown								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Freddy A Nightmare on Elm Street / Harness "B" / A3P5

Unknown								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Freddy A Nightmare on Elm Street / Harness "A" / A3P6

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Freddy A Nightmare on Elm Street / Harness "B" / A3P6

Unknown								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Freddy A Nightmare on Elm Street / Harness "C" / A111J2

Unknown								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Gladiators / Harness "A" / A3P5

Top Left Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Top Right Pop Bumper								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Bottom Pop Bumper								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Left Kicking Target								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Right Kicking Target								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Hole								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Top Hole								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Lightbox Flashers								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Gladiators / Harness "B" / A3P5

Right Ramp Flasher								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Motor Ramp Flasher								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Spot Target Flasher								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Plunger Gate								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Right Upkicker								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Center Upkicker								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

3 Bank Reset								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Lightbox Flashers								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Gladiators / Harness "A" / A3P6

Shaker Motor								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Gladiators / Harness "B" / A3P6

Lightbox Flashers								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Ramp Motor Relay								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Lightbox Flashers								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Lightstrip #3 Flasher								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Lightstrip #2 Flasher								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Lightstrip #1 Flasher								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Spinner Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Right Upkicker Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Mario Andretti / Harness "A" / A3P5

Unknown								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Mario Andretti / Harness "B" / A3P5

Unknown								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Mario Andretti / Harness "A" / A3P6

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Mario Andretti / Harness "B" / A3P6

Unknown								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Mario Andretti / Harness "C" / A111J2

Unknown								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Rescue 911 / Harness "A" / A3P5

Left Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Right Pop Bumper								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Top Pop Bumper								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Left Kicking Rubber								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Right Kicking Rubber								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Kicking Target								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Right Kicking Target								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

1 Pos Bank Reset								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Rescue 911 / Harness "B" / A3P5

Pop Bumper Hat								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Car Crash Hat								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Advance Jackpot Hat								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Electromagnet								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Ramp Plunger Gate								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Top Right Plunger Gate								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Top Upkicker								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Ball Lift Shooter								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Rescue 911 / Harness "A" / A3P6

Helicopter Relay								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Rescue 911 / Harness "B" / A3P6

Helicopter Arm Relay								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Helicopter Blade Motor								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Ball Lift Motor								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Mars Light								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Top Right Cave								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Top Center Mini Dome								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Left Top Dome								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Rite Side Dome								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Rescue 911 / Harness "C" / A111J2

Right Headlight Flasher								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Left Lightbar Flasher								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Lightbar Flasher								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Rescue Flasher								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

911 Flasher								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Headlight Flasher								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Fire #2 Flasher								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Fire #1 Flasher								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Shaq Attaq / Harness "A" / A3P5

Left Kicking Rubber								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Right Kicking Rubber								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

5 Bank Reset								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Top Upkicker								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Bottom Upkicker								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Hole Kicker								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Plunger Gate								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

#1 Trip								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Shaq Attaq / Harness "B" / A3P5

Lightstrip #1 Flasher								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Spinner Dome Flasher								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Left Ramp Flasher								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Cardholder Left Flasher								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

#5 Trip								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

#4 Trip								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

#3 Trip								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

#2 Trip								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Shaq Attaq / Harness "A" / A3P6

Platter Motor Relay								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Shaq Attaq / Harness "B" / A3P6

Hoop Motor Relay								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Veri-Target Reset								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Cardholder Rt Flasher								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Right Ramp Flasher								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Jackpot Flasher								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Super Jackpot Flasher								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Lightstrip #3 Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Lightstrip #2 Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Stargate / Harness "A" / A3P5

Bottom Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Top Pop Bumper								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Left Slingshot								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Right Slingshot								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Left Kicking Target								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Center Kicking Target								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Right Kicking Target								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Lower Left Kicker								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Stargate / Harness "B" / A3P5

Pyramid Unit								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Right Pivot Unit								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Left Pivot Unit								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Lower Left Ball Gate								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Top Right VUK								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Top Center VUK								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Top Left VUK								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Shooter Lane Kicker								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Stargate / Harness "A" / A3P6

Not Used								-
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Stargate / Harness "B" / A3P6

Forward Glider Motor								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Lt/Rt Glider Motor								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Rope Lights								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Not Used								-
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Rollover Target Trip								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Rollover Target Reset								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

2 Bank Drop Target Reset								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

3 Bank Drop Target Reset								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Stargate / Harness "C" / A111J2

Top Left Flasher								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Left Stargate Flasher								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Stargate Flasher								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Top Right Flasher								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Bottom Right Flasher								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Rebellion Flasher								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Rails Flasher								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

RA'S Eyes Flasher								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Street Fighter II / Harness "A" / A3P5

Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Left Kicking Rubber								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Kicking Rubber								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Bottom Left Upkicker								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Bottom Right Upkicker								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Plunger Gate								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Right Plunger Gate								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Stargate								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Street Fighter II / Harness "B" / A3P5

Lightstrip Flasher								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Top Left Flasher								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Car Reset								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Not Used								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Not Used								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Right Hole								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Left Hole								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Right Stargate								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Street Fighter II / Harness "A" / A3P6

Motor Relay								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Street Fighter II / Harness "B" / A3P6

Lower Flipper Relay								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Right Flipper Flasher								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Top Flasher								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Right Center Flasher								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Right Bottom Flasher								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Flipper Flasher								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Left Ramp Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Bottom Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Street Fighter II / Harness "C" / A111J2

#2 Flasher								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

#3 Flasher								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

#4 Flasher								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

#5 Flasher								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

#6 Flasher								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

#1 Flasher								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

#8 Flasher								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

#7 Flasher								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Super Mario Bros. / Harness "A" / A3P5

Left Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Top Pop Bumper								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Bottom Pop Bumper								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Left Kicking Rubber								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Right Kicking Rubber								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

1 Bank Reset								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

#1 Trip								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Kicksave								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Super Mario Bros. / Harness "B" / A3P5

#4 Flashers								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

#3 Flashers								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

#2 Flashers								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

#1 Flashers								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Upkicker								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Right Upkicker								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Left Upkicker								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Shooter								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Super Mario Bros. / Harness "A" / A3P6

Motor Relay								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not User								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Super Mario Bros. / Harness "B" / A3P6

Lightstrip #3 Flashers								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Lightstrip #2 Flashers								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Lightstrip #1 Flashers								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Botttom Left Flashers								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Castle Flashers								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Mario's Cave Flashers								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Right Ramp Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Ramp Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Tee'd Off / Harness "A" / A3P5

Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Left Kicking Rubber								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Kicking Rubber								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Top Kicking Rubber								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Hole								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Plunger Gate								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

5 Bank Reset								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Top Upkicker								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Tee'd Off / Harness "B" / A3P5

Right Top Flasher								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Center Top Center								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Center Middle Flasher								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Left Top Flasher								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Left Center								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Flipper								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Bottom Upkicker								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Center Upkicker								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Tee'd Off / Harness "A" / A3P6

Motor Relay								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Tee'd Off / Harness "B" / A3P6

Gopher Motor Relay								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Gopher Flashers								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Lightbox #3 Flashers								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Lightbox #2 Flashers								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Lightbox #1 Flashers								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Right Flipper Flasher								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Right Center Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Right Top Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Waterworld / Harness "A" / A3P5

Lt Bottom Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Lt Top Pop Bumper								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Pop Bumper								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Not Used								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Left Kicking Rubber								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Right Kicking Rubber								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Top Upkicker								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Bottom Upkicker								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Waterworld / Harness "B" / A3P5

Pivot Gate								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Ball Gate								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Moving Ramp								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Dive Hole Flasher								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Wave Ramp Flashers								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

2 Position Bank Reset								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Not Used								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Ball Shooter								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Waterworld / Harness "A" / A3P6

Ship Motor								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Waterworld / Harness "B" / A3P6

Not Used								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Rt Cardholder Flasher								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Center Flasher								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Right Top Flasher								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Lightstrip Flasher								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Top Flasher								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Left Center Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Cardholder Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Waterworld / Harness "C" / A111J2

Lightbox #2 Flasher								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Lightbox #3 Flasher								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Lightbox #4 Flasher								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Lightbox #5 Flasher								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Lightbox #6 Flasher								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Lightbox #1 Flasher								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Dive Flasher								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Wave Flasher								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Wipe Out / Harness "A" / A3P5

Top Pop Bumper								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Center Pop Bumper								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Bottom Pop Bumper								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Bottom Left Rubber								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Bottom Right Rubber								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Top Kicking Rubber								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Ski Lift Gate								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Slalom								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Wipe Out / Harness "B" / A3P5

Right Pop Bumper								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Center Pop Bumper								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Left Pop Bumper								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Starting Gate Plunger								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Not Used								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

4 Bank Reset								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Upkicker								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Right Slalom								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Wipe Out / Harness "A" / A3P6

Ski-Lift Motor Relay								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Ball Release								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Outhole								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Knocker								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Tilt Relay								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Do Not Use								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Wipe Out / Harness "B" / A3P6

Lightbox #2 Flasher								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Lightbox #1 Flasher								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Right Bottom Flasher								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Right Center Flasher								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Right Top Flasher								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Left Top Flasher								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Left Center Flasher								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Left Bottom								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

World Challenge Soccer / Harness "A" / A3P5

Unknown								00
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								01
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								02
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								03
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								04
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								05
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								06
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								07
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

World Challenge Soccer / Harness "B" / A3P5

Unknown								15
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								14
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								13
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								11
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								10
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								09
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								08
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

World Challenge Soccer / Harness "A" / A3P6

Unknown								24
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								27
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								28
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								29
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								30
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								-
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

World Challenge Soccer / Harness "B" / A3P6

Unknown								23
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								22
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								21
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								20
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								19
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								18
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								17
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

World Challenge Soccer / Harness "C" / A111J2

Unknown								1
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Unknown								2
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Unknown								3
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

Unknown								4
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Unknown								5
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Unknown								0
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Unknown								7
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Unknown								6
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	