PINSHAKERS

UPDATED: 10/7/2019

The following pages contain the DIP switch settings on the motor driver board for all of the Sys 11 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.

TABLE OF CONTENTS

Page 03: Bad Cats
Page 04: Banzai Run
Page 05: Big Guns
Page 06: Black Knight 2000
Page 07: Bugs Bunny's Birthday Ball
Page 08: Cyclone
Page 09: Diner
Page 10: Dr. Dude And His Excellent Ray
Page 11: Earthshaker
Page 12: Elvira and the Party Monsters
Page 13: F-14 Tomcat
Page 14: Fire!
Page 15: Fire! Champagne Edition
Page 16: Grand Lizard
Page 17: High Speed
Page 18: Jokerz!
Page 19: Millionaire
Page 20: Mousin' Around!
Page 21: PIN·BOT
Page 22: Police Force
Page 23: Pool Sharks
Page 24: Radical!
Page 25: Riverboat Gambler
Page 26: Road Kings
Page 27: Rollergames
Page 28: Space Station
Page 29: Swords of Fury
Page 30: Taxi
Page 31: The Bally Game Show
Page 32: Transporter the Rescue
Page 33: Whirlwind
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:

Bad Cats / Harness "A" / 1J12

Cat Backbox Motor								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Woman Backbox Motor								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

Seafood Wheel Coil 2								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Seafood Wheel Coil 1								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Bad Cats / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Banzai Run / Harness "A" / 1J12

Upper Flipper Relay								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

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

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

Banzai Run / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Do Not Use								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Big Guns / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

Forcefield Flipper Post								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Big Guns / Harness "B" / 1J19

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

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

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

King's Chamber Kicker								17
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

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

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

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

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

Black Knight 2000 / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

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

Motor Targets Relay								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Black Knight 2000 / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Bugs Bunny's Birthday Ball / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

LT Outlane Kickback								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Bugs Bunny's Birthday Ball / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Cyclone / Harness "A" / 1J12

Spook House Flsher								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Mystery Wheel B								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Mystery Wheel A								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

Ferris Wheel Motor								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Cyclone / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Diner / Harness "A" / 1J12

Right Ramp Flasher								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

Clock Wheel B								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Clock Wheel A								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Diner / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Shooter Lane Feeder								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Dr. Dude And His Excellent Ray / Harness "A" / 1J12

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

Do Not Use								10
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	▼	▼		▼	▼	▼	▼	▼

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

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

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

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

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

Dr. Dude And His Excellent Ray / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Earthshaker / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Top Ball Popper								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

Do Not Use								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

On Ramp & J Bumper Fishrs								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Earthshaker / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Elvira and the Party Monsters / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Right Side Graveyard								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

Backboard Left Side								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Boogie Monster Flashers								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Elvira and the Party Monsters / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Flip Up Reset								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

F-14 Tomcat / Harness "A" / 1J12

Flasher 9 Flasher								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

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

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

Line of Death Kickback								12
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

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

Do Not Use								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Flasher 10 Flasher								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

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

F-14 Tomcat / Harness "B" / 1J19

Not Used								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

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

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

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

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

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

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

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

Fire! / Harness "A" / 1J12

Center Ramp Motor								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Flames Motor Relay								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

Window Lites Relay								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Fire! / Harness "B" / 1J19

Upper Left Slingshot								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Not Used								18
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

Not Used								17
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Lower Left Slingshot								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Fire! Champagne Edition / Harness "A" / 1J12

Center Ramp Motor								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Flames Motor Relay								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

Window Lites Relay								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Fire! Champagne Edition / Harness "B" / 1J19

Upper Left Slingshot								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Not Used								18
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

Not Used								17
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Lower Left Slingshot								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Grand Lizard / Harness "A" / 1J12

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

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

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

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

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

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

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

Coin-Lockout Relay								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Grand Lizard / Harness "B" / 1J19

Not Used								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

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

Not Used								20
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

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

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

Coin-Lockout Relay								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

High Speed / Harness "A" / 1J12

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

Insert Board Flashers							10	
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

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

Coin-Lockout Reley							16	
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

High Speed / Harness "B" / 1J19

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

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

Lower LT Pop Bumper							20	
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

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

Upper LT Pop Bumper							21	
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Jokerz! / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Wheel Coil B								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Wheel Coil A								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Jokerz! / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Millionaire / Harness "A" / 1J12

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

Not Used								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

C.B. Spinner Detent								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

C.B. Spinner Motor								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Millionaire / Harness "B" / 1J19

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

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

Bottom Pop Bumper								20
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

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

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

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

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

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

Mousin' Around! / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

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

Mouse Hole Exit								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Mousin' Around! / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Top Lanes Gate								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

PIN·BOT / Harness "A" / 1J12

Robot Face Flashers								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

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

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

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

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

Do Not Use								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

Top Flashers (4)								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

PIN·BOT / Harness "B" / 1J19

Left Pop Bumper								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								18
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

Lower Pop Bumper								17
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

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

Upper Pop Bumper								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Police Force / Harness "A" / 1J12

Take Highest Flasher								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

Car On/Off Motor								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Car Up/Down Relay								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Police Force / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Pool Sharks / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

Not Used								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Pool Sharks / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Radical! / Harness "A" / 1J12

Dr Bank / Lt Face Flshr								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Right Ball Gate								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Radical! / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Upper Pop Bumper								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Riverboat Gambler / Harness "A" / 1J12

Right Back Flasher								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

Roulette Wheel B								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Roulette Wheel A								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

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

Riverboat Gambler / Harness "B" / 1J19

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

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

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

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

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

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Road Kings / Harness "A" / 1J12

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

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

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

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

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

Mid Board Flashers / Ramp Down								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

Bikes Blasher / Drop Target								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Coin-Lockout Relay								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Road Kings / Harness "B" / 1J19

Upper Pop Bumper								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

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

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

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

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

Lower Pop Bumper								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Rollergames / Harness "A" / 1J12

Flash 9 Flasher								09
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

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

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

Rollergames / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Deep Freeze Magnet								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Space Station / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

Not Used								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

Space Station Motor								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

Space Station / Harness "B" / 1J19

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

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

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

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

Left Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Lower Pop Bumper								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Swords of Fury / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

Not Used								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Swords of Fury / Harness "B" / 1J19

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

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

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

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

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

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

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

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

Taxi / Harness "A" / 1J12

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

Do Not Use								10
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

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

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

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

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

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

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

Taxi / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

The Bally Game Show / Harness "A" / 1J12

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

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

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

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

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

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

Do Not Use								15
Pos.	1	2	3	4	5	6	7	8
ON							▲	
OFF	▼	▼	▼	▼	▼	▼		▼

Teeth / Title Flasher								16
Pos.	1	2	3	4	5	6	7	8
ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	

The Bally Game Show / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Not Used								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Transporter the Rescue "A" / 1J12

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

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

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

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

Not Used								13
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

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

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

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

Transporter the Rescue / Harness "B" / 1J19

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

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

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

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

Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Do Not Use								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Whirlwind / Harness "A" / Not Used

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

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

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

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

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

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

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

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

Whirlwind / Harness "B" / 1J19

RT Upper Pop Bumper								19
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

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

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

LT Upper Pop Bumper								17
Pos.	1	2	3	4	5	6	7	8
ON				▲				
OFF	▼	▼	▼		▼	▼	▼	▼

Top Lower Pop Bumper								21
Pos.	1	2	3	4	5	6	7	8
ON					▲			
OFF	▼	▼	▼	▼		▼	▼	▼

Right Ramp Up/Down								22
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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

Whirlwind / Harness "C" / J4

Spin Wheels Motor								27
Pos.	1	2	3	4	5	6	7	8
ON	▲							
OFF		▼	▼	▼	▼	▼	▼	▼

Thunder Right Flashers								26
Pos.	1	2	3	4	5	6	7	8
ON		▲						
OFF	▼		▼	▼	▼	▼	▼	▼

Thunder Middle Flashers								25
Pos.	1	2	3	4	5	6	7	8
ON			▲					
OFF	▼	▼		▼	▼	▼	▼	▼

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

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

Not Used								14
Pos.	1	2	3	4	5	6	7	8
ON						▲		
OFF	▼	▼	▼	▼	▼		▼	▼

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

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