



PINSHAKERS

UPDATED: 12/4/2019

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

Unknown - We are unable to gain access to the user manual at this time for this particular machine. It will be up to you to determine what the triggers will be if you decide to purchase a kit and install it in this machine. We will update these settings in the future after we receive a user manual.

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Godzilla / Harness "A" / J6

Pops Flasher		25	Top Left Flasher		26	Center Playfield Flasher		27	Ramp Flasher		28	Lite Godzilla Flasher		29	Score Flasher		30	Slings Flasher		31	Top Right Flasher		32																																																									
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8									
ON	▲								ON	▲								ON		▲							ON			▲						ON				▲					ON					▲				ON						▲			ON							▲		ON								▲
OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼									

Godzilla / Harness "B" / J7

Ramp Diverter		17	Left Flasher		18	Right Flasher		19	Inner LT Orbit Flasher		20	Not Used		21	Not Used		22	Not Used		23	Not Used		24																																							
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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Godzilla / Harness "C" / J8

Trough Up-Kicker		1	Auto Launch		2	Top Magnet		3	Middle Magnet		4	Bottom Magnet		5	Shaker Motor		6	Spinner Flasher		7	Token Dispenser		8																														
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼									

Shrek™ / Harness "A" / J6

Back Left Flasher		25		Back Center Flasher		26		Back Right Flasher		27		Magic Mirror Flasher		28		Fiona Flasher		29		Right Orbit Flasher		30		Pops Flasher		31		Lower Right Flasher		32					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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Shrek™ / Harness "B" / J7

Left Mini Flipper		17		Right Mini Flipper		18		Castle Guard		19		Donkey Motor Drive		20		Mini-Trough		21		Not Used		22		Lower Left Flasher		23		Do Not Use		24					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼

Shrek™ / Harness "C" / J8

Trough Up-Kicker		1		Auto Launch		2		4-Bank Drop Target		3		Ball Saver Down		4		Merlin Eject VUK		5		1-Bank Drop Target		6		Left Slingshot		7		Right Slingshot		8					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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Terminator 3: Rise of the Machines / Harness "A" / J6

Not Used		25	T-X Flasher		26	Backbox Left Flasher		27	Backbox Right Flasher		28	Super Jackpot Flasher		29	Back Panel Flasher		30	Middle L&R Flasher		31	Bottom L&R Flasher		32			
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
ON	▲								ON		▲							ON					▲			
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Terminator 3: Rise of the Machines / Harness "B" / J7

Left Slingshot		17	Right Slingshot		18	Not Used		19	Backbox Motor		20	Back Panel Diverter		21	Left Up Post		22	Center Up Post		23	Not Used		24			
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
ON	▲								ON		▲							ON					▲			
OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼

Terminator 3: Rise of the Machines / Harness "C" / J8

Trough Up-Kicker		1	Auto Launch		2	Drop Target Reset		3	Do Not Use		4	Backbox Kicker		5	Not Used		6	Not Used		7	Drop Target Down		8			
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
ON	▲								ON		▲							ON					▲			
OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼

The Lost World Jurassic Park / Harness "A" / J6

San Diego Flasher		25		Lower Right Flasher		26		Middle Right Flasher		27		Top Right Flasher		28		Top Left Flasher		29		Middle Left Flasher		30		Lower Left Flasher		31		Right Ramp Flasher		32					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼

The Lost World Jurassic Park / Harness "B" / J7

In Egg Flasher		17		Snagger Driver		18		Snagger Motor		19		Drop Target Down		20		Dini Egg		21		Left Ramp Flasher		22		Pops Flasher		23		Not Used		24					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
ON	▲								ON		▲							ON								ON									
OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	

The Lost World Jurassic Park / Harness "C" / J8

Trough Up-Kicker		1		Auto Launch		2		Drop Target Reset		3		Power Scoop		4		Orbit Magnet		5		Shaker Motor		6		Snagger Pickup Magnet		7		Token Dispenser		8					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
ON	▲								ON		▲							ON								ON									
OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	

Viper Night Drivin' / Harness "A" / J6

Left Outland Flasher		25		Right Outland Flasher		26		Bridge Out Flasher		27		Red Flasher		28		Blue Flasher		29		Billboard Flasher		30		Do Not Use		31		Pops Flasher		32					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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Viper Night Drivin' / Harness "B" / J7

Left Raccoon Shake		17		Right Raccoon Shake		18		Not Used		19		Left Ramp Diverter		20		Orbit Diverter		21		Not Used		22		Black Light Relay		23		Not Used		24					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
ON	▲								ON	▲								ON								ON									
OFF		▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▲	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	OFF	▼	▼	▼	▼	▼	▼	▼	▼	

Viper Night Drivin' / Harness "C" / J8

Trough Up-Kicker		1		Auto Launch		2		Left VUK		3		Right VUK		4		Ball Release		5		Left Outlane		6		Not Used		7		Token Dispenser		8					
Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8	Pos.	1	2	3	4	5	6	7	8
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