



Stern Pinball, Inc.

Stranger Things Left Entrance Ramp Cover Replacement Kit

Stranger Things LE (Q2) / Premium (Q3)

Instruction Sheet

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INTRODUCTION

The cover that shipped with the left entrance ramp may occasionally interfere with proper operation of the TK Lock Deflector mechanism on some games. The 502-7134-00 kit provides the parts and instructions needed to replace the existing cover with a new, adjustable cover.

NOTE: Refer to the TK Lock Mechanism Adjustment Guide 755-7679-00 for important information about verifying the factory-set parameters of related components.

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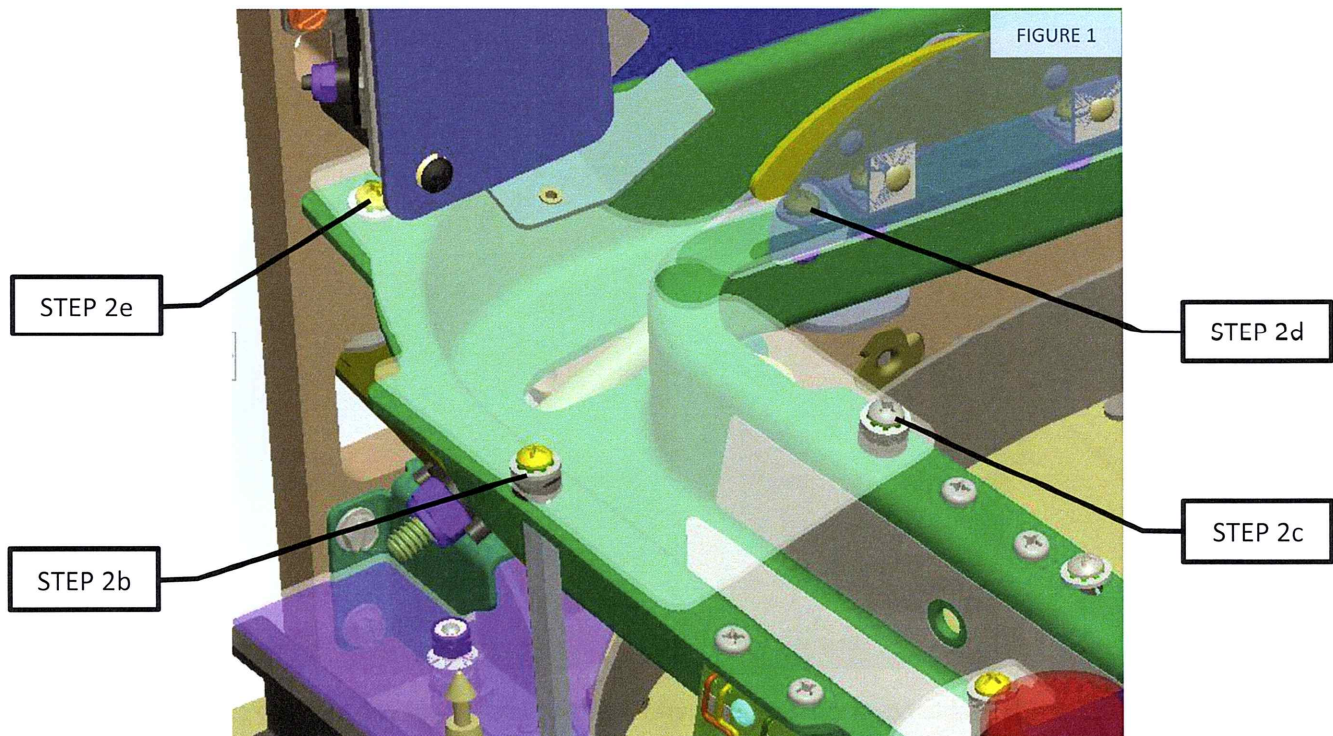
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1) Tools Required

- a) 5/16" Hex Wrench or adjustable Crescent Wrench
- b) #2 Phillips Screwdriver

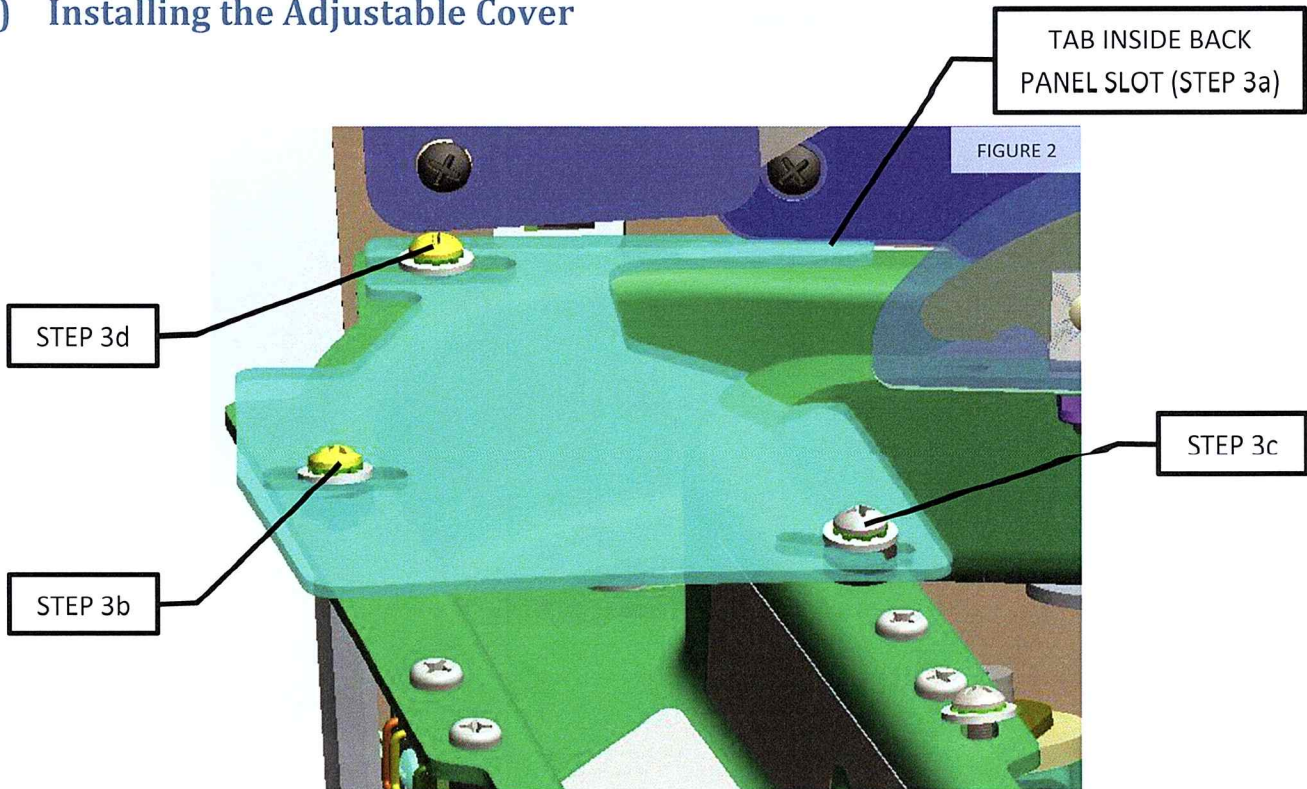
2) Removing the Original Cover

- a) Place the playfield in a position that is convenient for access to the rear left corner of the game.

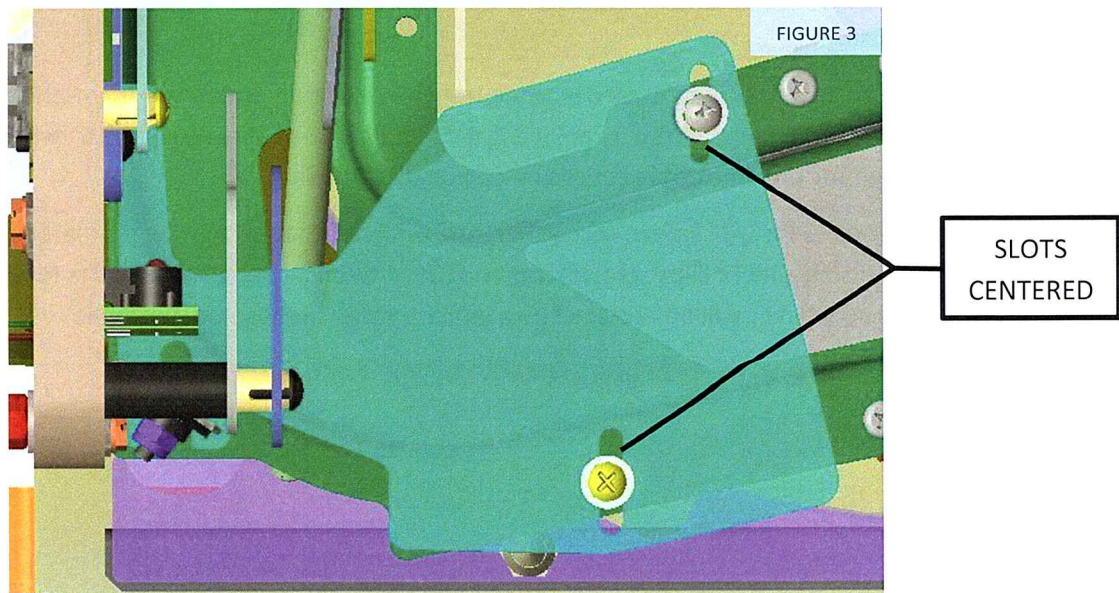


- b) Remove the 6-32 x 1/2" screw, #6 washer, and 1/8" plastic spacer that attach the ramp and cover to left hex spacer, using a #2 Phillips screwdriver. Set aside the parts for later use
- c) Remove the 6-32 x 5/8" screw, #6 washer, 6-32 nut, and 1/8" plastic spacer that attach the front right corner of the cover to the ramp, using a #2 Phillips screwdriver and 5/16" wrench. Set aside the parts for later use.
- d) Remove the 6-32 x 3/8" screw, #6 washer, and 6-32 nut that attach the rear right corner of the cover to the horizontal flange of the ramp, using a #2 Phillips screwdriver and 5/16" wrench. These parts are not needed for the adjustable cover and can be discarded.
- e) Remove the 6-32 x 1/2" screw, #6 washer, and 6-32 nut that attach the rear left corner of the cover to the ramp, using a #2 Phillips screwdriver and 5/16" wrench. Set aside all parts for later use.
Note: the #6 washer will be replaced by a larger washer and can be discarded.
- f) Remove the original riveted cover / bracket assembly and discard.

3) Installing the Adjustable Cover



- Place the new, adjustable cover on the ramp and insert the rear right tab into the slot in the back panel, on top of the ramp flange.
- Position the cover so that the slot in the front left corner is centered on the hole in the left hex spacer. Place a 1/8" plastic spacer under the front left corner of the cover. Attach the cover to the ramp and hex spacer with the 6-32 x 1/2" screw and #6 washer from step 2a.



- c) Place a 1/8" plastic spacer under the front right corner of the cover; that slot should be centered on the hole in the ramp flange. Attach the cover to the ramp with the 6-32 x 5/8" screw, #6 washer, and 6-32 nut from step 2c.
- d) Attach the rear left corner of the cover to the rear left corner of the ramp with the 6-32 x 1/2" screw and 6-32 nut from step 2e and new #8 washer provided in the kit.
- e) Return the game to its normal playing position.

4) Testing the TK Lock Function

- a) Start a game and hit the two "Lock" targets (with ball or by hand) in front of the left entrance ramp to activate the TK ball lock function.
- b) Shoot a ball from the right flipper into the left entrance ramp. The TK lock function should be judged by a clean shot that does not rattle too much.
- c) If the ball is not caught and flies past the magnet, the cover should be adjusted via Steps 2 & 3 to move it further to the right.
- d) If the ball does not make it up to the magnet and falls back down the ramp entrance, the cover should be adjusted via Steps 2 & 3 to move it further to the left.
- e) If the first ball is successfully captured by the magnet, lock additional balls per the game play rules. As in Step 4c, if an additional ball flies past a locked ball without being caught by the magnet, the cover should be adjusted via Steps 2 & 3 to move it further to the right.
- f) If necessary, refer to the TK Lock Mechanism Adjustment Guide 755-7679-00 to further refine the function of the ball lock.

5) Bill of Materials – Kit 502-7134-00

<u>Item #</u>	<u>Qty</u>	<u>P/N</u>	<u>Description</u>
1	1	545-1264-00	Cover, Adjustable, Left Entrance Ramp
2	1	242-5005-00	#8 Washer