

**FLEX TEC ELECTRONIC KIT
INSTALLATION MANUAL- SMALL DOOR
SUZO-HAPP #26-1728-00**

Suggested tools:

Power jigjaw

Power drill with assorted bits

Metric socket set with extension

#2 square drive

Small Philips

Stubby philips

Hammer

Step 1:

Remove rails and slate.

Step 2:

Position template provided, 2 ½ inches from bottom of table and 2 inches to the right of the slide chute door opening. Draw opening around template. Drill ½ in. hole in each corner inside template for jigsaw blade.

Step 3:

Cut out the opening for the kit door with jigsaw.

Note:

Mounting bolts are meant to be universal. Due to thread length you may need to use extra washers or mount shims around the inside of the new door opening if the wall depth is not deep enough to fully engage bolt threads.

Step 4:

Place kit door in opening and mark holes for drilling.

Step 5:

Drill holes with ¼ inch drill bit keeping drill horizontal to table top. It may be necessary to remove slate brace to allow clearance for top two washers and nuts. Do not destroy brace during removal. Mount the new door using carriage bolts provided. Reinstall slate brace using wood glue and nails or staples.

Step 6:

To connect all harnesses, remove the metal plate covering containing the PCB. ***Note: When connecting harnesses into the main PCB, follow instructions carefully. Failure to do so may harm the PCB components and void the warranty.**

A). Main Harness: Connect the 12 pin white connector into the 11 pin input marked "PL7" on the main PCB. Make sure the red wire in the connector is closest to the location marked "PL7" and the fuse when plugging it in.

B). Button Harness: Connect the 8 pin white connector from the button harness into the 8 pin output marked "Buttons" on the main PCB which is directly next to the fuse. Make sure the brown wire on the end of the connector is closest to the fuse when plugging it in.

C). LCD Display Harness: Connect the 16 pin black ribbon cable from the LCD Display into the 16 pin output marked "PL4 Display" on the main PCB.

D). Bill Acceptor Harness: Connect the 16 pin black connector with a black and blue wire from the bill acceptor into the 16 pin input marked "PL2" on the main PCB.

E). Coin Mech Harness: Connect the 10 pin black connector with a black wire and orange wire from the coin mechanism into the 10 pin output marked "PL3 Mech" on the main PCB

F). Free Play Key Switch harness: Connect the 3 pin white connector with two orange wires from the free play key switch into the 3 pin output marked "Key Switch" on the main PCB

G). Motor Harness: Connect the 6 pin white connector into the 6 pin output on the motor that you have mounted on the wood frame box.

Step 7:

Replace the metal covering which contains the main PCB carefully so as not to disrupt the connections you have made. Mount the metal housing box which contains the main PCB on the wood wall on the inside of the table to the left side of the new door opening.

Step 8:

Remove dump gate bar. Using a hammer, flatten a spot where the slide chute extension engages the dump gate bar. Drill a 1/8 inch hole through bar.

Step 9:

Attach cable to hole in dump gate bar with screw, lock washer and bearing nut provided as shown in Photo # 3.

Step 10: Cut off the right angle on the slide chute extension so the crank arm cable is clear to turn the dump gate as shown in Photo # 2.

Step 11: Insert the motor crank arm into gear opening on the outside of motor box with crank arm set horizontally facing towards the push chute as shown in Photo #1

Step 12: Position motor box in bottom of pool table where the cable is straight and not too tight. Mark where the motor box bolt inserts meet the bottom of pool table. Drill two $\frac{1}{4}$ in. holes through bottom of table. Put the $1\frac{1}{2}$ in. screws provided through table from the underside and tighten down motor box.

Step 13: Connect quick disconnect battery terminals to power up table.

Step 14: Press white Program button through hole in PCB cover using tool provided. Use program flow chart to set the program settings you wish to implement.

Step 15: Reinstall slate and rails.