

FLEX TEC ELECTRONIC KIT
INSTALLATION MANUAL – LARGE DOOR
SUZO-HAPP #26-1728-01

Suggested tools:

Power jigsaw
Power drill and assorted bits
Adjustable pliers
Metric socket set w/extension
Philips screwdriver

Step 1:

Remove rails and slate.

Step 2:

Remove coin door and box with dump gate lever.

Note: It may be helpful to remove ball return, if it is an individual piece, from the corner pocket closest to where you are working. Save coin box insert, if any, and leave ball dump rack in place.

Step 3:

Clear all box support or brackets from the bottom area behind door cutout that may interfere with kit door assembly and positioning of coin box. Leave only the dump gate partition and ball return cover, if any, in place.

Step 4:

Position template provided, lining up with the bottom and left side of the old opening. The new cutout may need to be offset from this position for mounting bolt clearance. Check for interior partitions and upper and lower wood blocks. If clearances are tight, center the cutout the best you can. Mark and cut out the new hole.

Note:

The left side must be notched as indicated on the template to provide clearance for the door hinge screws.

Step 5:

Place kit door in opening and drill holes with ¼ in. drill bit keeping drill horizontal to tabletop. You may need to drill out wood to provide clearance for washers and nuts with a larger bit on the inside.

Step 6:

Secure the battery inside the table in such a manner as to be easily removed, exchanged or replaced.

Step 7:

Connect the motor harness to the motor.

Step 8:

Connect the power quick disconnect harness from the main harness to the quick disconnect from the battery.

Step 9:

Turn the free play switch to the right. LCD screen should display “Free Play”.

Step 10:

Hold the motor firmly in approximately the right spot on the dump rack partition with the crank arm shaft at 12:00 and the dump gate resting on the shaft. If there is not enough clearance for the crank arm to turn freely, you will need to shave part of the rack partition to get clearance needed for the crank arm to complete a cycle. Press the play button to dump balls and cycle until you determine the position it dumps the balls without jamming and at least three mounting screws can be secured in the partition. The partition may need to be cut or drilled to allow the “crank arm shaft” to be positioned to do this but do this a little at a time as there is not much leeway. The starting position of the “crank arm shaft” may be adjusted by pulling it out of the motor and repositioning it so the motor can be at different angles for mounting. It is best to pre-drill, put one screw in, and support the motor and cycle so you can make final adjustments before securing all the screws. Some tables may require fabrication of a separate mounting bracket for the motor and/or lengthening the dump gate arm.

Step 11:

Use the Flex-Tec manual and instruction section of this manual to program the settings you want to implement.