

Setting Table Repair Kit 47-275850-000

The Setting Table Repair Kit is used prevent the rear portion of the GS-Series pinsetters setting table frame from bending upward due to pin impact. This bending, if excessive, can obstruct the spotting tongs movement and cause improper spotting tong operation.

If damage and spotting tong obstruction has already occurred, the frame should be straightened as best as possible, using Vise Grips, Channel Locks, blocks, and/or other suitable tools.

The repair plate is attached to the bottom of the setting table across the entire width of the frame (from 7 pin to 10 pin) using 9 - hex socket, flathead screws inserted through 7 existing holes and 2 new holes drilled through the table frame.

Packaging

1	47-055849-001	Repair Plate
5	11-052936-009	6mm x 16mm hex socket, flathead screws
5	11-051743-001	6mm locknuts
4	11-052940-009	8mm x 70mm hex socket, flathead screws
4	11-051744-001	8mm locknuts

Tools Required

Drill
11/32" Drill Bit
6mm Hex Wrench
8mm Hex Wrench
Metric Wrenches and Sockets
Torque Wrench

Installation Instructions

IMPORTANT: Before installing the table repair plate, make sure that the rear portion of the setting table frame is free from any major damage that can cause spotting tong obstruction or impair spotting tong operation. If an obstruction exists, make the frame as straight as possible using vise grips, channel locks, blocks, or other suitable tools.

1. Cycle the pinsetter to home position.
2. Lower the sweep board to its guard position.
3. Turn the main power "off" at the Common Box, Consolidated High Voltage Box, or NexGen Box as appropriate and disconnect the input power cable from the box.

4. Set a jack stand or suitable support under the table to prevent it from falling in the event that the table drive v-belt becomes dislodged.
5. Attach the repair plate to the back portion of the setting table frame using 5ea - 6mm x 16mm bolts (with locknuts) and 2ea - 8mm x 70mm bolts (with locknuts) through the existing holes in the table frame. Once all 7 screws are in place, tighten them to 20 Nm (15 ft/lb). Refer to *Figure 1*.



Figure 1

6. Using the 2 remaining unused holes of the repair plate as a template, drill (2) 11/32" (8.5 mm) holes; one on 7-pin side and one on 10-pin side, completely through the table square frame. Refer to *Figure 2*.

NOTE: When drilling the hole on the 7 pin side of the frame make sure that the hole is drilled through the table square frame and not through the support arm for the swing arms.



Figure 2

7. Secure the repair plate using the remaining 8mm x 70mm screws and locknuts. Tighten them to 20 Nm (15 ft/lb). Refer to *Figure 3*.

TABLEFRAME 10PIN SIDE



TABLEFRAME 7 PIN SIDE

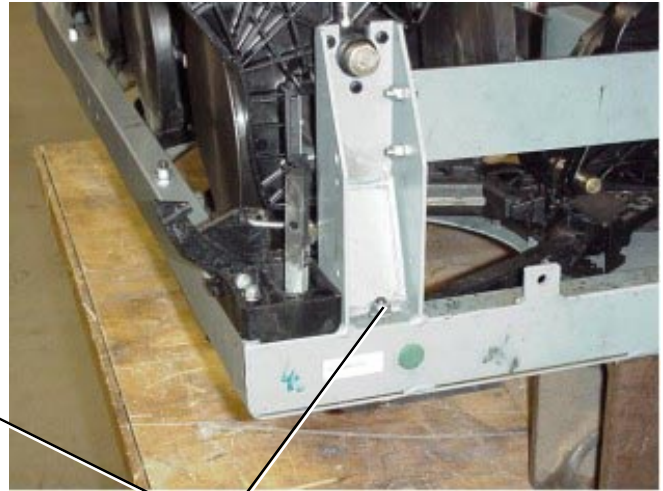


Figure 3

8MM
LOCKNUTS
(11-051744-001)

8. Remove the table support installed in step 4 and all tools used during installation.
9. Reconnect power to pinsetter and then verify pinsetter and spotting tong operation.