

Rotate Pins

It is possible that unequal pin wear can occur on EDGE String pinspotters. This is due to the pins on these machines always being set on the same pin spot. As a result, some pins (especially the 1, 3, 5 and 9 pins) will wear more quickly than other pins, due to more frequent ball strikes (Figure 3-7a).

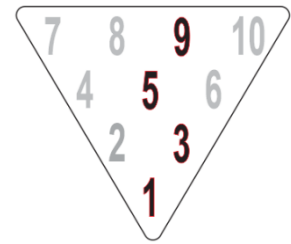


Figure 3-7a Pin Wear

It is recommended to replace or rotate pins as needed as part of the preventive maintenance (PM) schedule. The recommended pin rotation sequence frequency is every 12,500 frames/1.5 months. After completing the rotation sequence shown below (Figure 3-7b), continue repeating the rotation sequence or replace pins as needed.

Precautions: LOTO, Pin Hook, Lane Barriers

Tools:

- #2 Phillips Screwdriver
- Pin Hook
- String Sleeve Tool (051-200-700)

Location: Operator Access Area (behind machine)

Est. Time: 20 min for 4 Pins

Note: A string adjustment may be needed after this procedure.

Procedure:

1. Implement LOTO and deploy lane barriers.
2. Open machine rear cover.
3. Retrieve pin with pin hook and place on top of pit hinged top cover.
4. Insert screwdriver into small hole on side of pin. Push string knot out through large hole on side of pin.
5. Untie knot and remove pin from string. Remove string sleeve if it needs to be replaced.
6. Install new sleeve (if applicable) on string using string sleeve tool.
7. Pass string through hole on top of pin and out through large hole on side of pin.
8. Tie a "Figure 8" knot at end of string and pull knot into pin.
9. Return pin to pit.
10. Close machine rear cover.
11. Remove LOTO and lane barriers. Return machine to service.

Recommended Pin Rotation Sequence

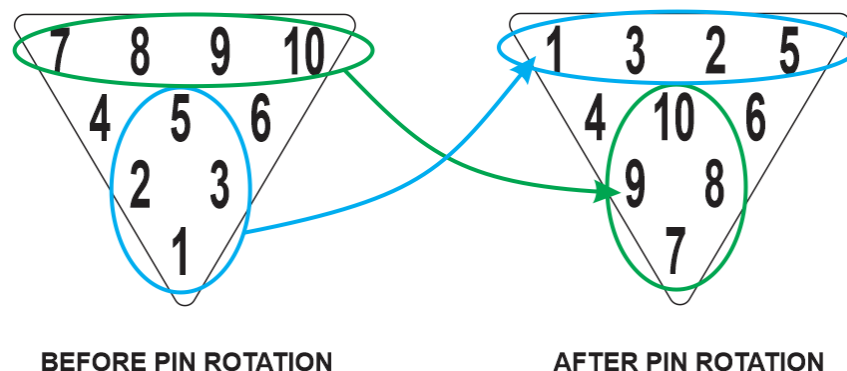


Figure 3-7b, Pin Rotation Sequence