



**Purpose:** To measure 1) Wood to Wood, 2) Lane width, 3) Gutter width, 4) Center of pin spot to lane's edge, and 5) Pin spot triangle (center to center)

**Materials:**

- Pit End Gauge
- External light (optional)

**Procedure:**

**Wood to Wood**

1. Place Gauge across the rear row of pins and extend gauge till both sides of gauge touch the kickback or kickback plates and lays flat on pin deck
2. Using the Kick Back scale, take reading from the zero marker
3. Write in appropriate box on paperwork (be aware if measuring from Kickback plate to Kickback plate, you will need to add thickness of plates to measurement)

**Lane Width**

4. From wood to wood, close gauge till both sides of the gauge touch the lane's edge
5. Using the Lane width scale, take reading from the zero marker
6. Write in appropriate box on paperwork

**Gutter Width**

7. From lane width, extend metal tab to kickback and verify that gauge is touching the lane's edge
8. Using the gutter width scale, take reading from point, which is the outside edge of gauge corresponding to the scale (be aware if measuring from the kickback plate to include the thickness of plate to reading)
9. Write in appropriate box on paperwork
10. Repeat steps 7 – 9 for opposite gutter

**Pin Spot to Edge**

11. Slide gauge back slightly so that the Pin Spot measuring device is lined up with the diameter of the pin spot on the 7 and 10 pin
12. Verify that the gauge is touching the lane's edge
13. Move the Pin Spot measuring device to place line in center of spot
14. Using the Pin Spot Scale, take reading from the line correlating to the center of spot
15. Write in appropriate box in paperwork
16. Repeat steps 12-15 for opposite side pin spot