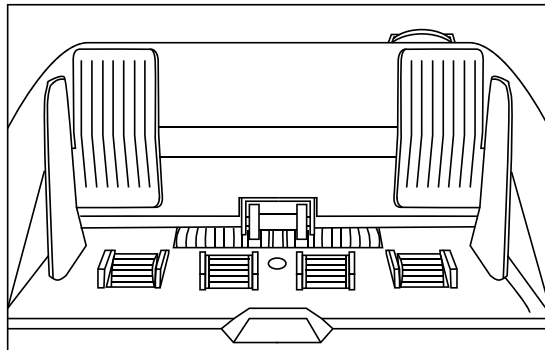


9900R Feed Gap Procedure

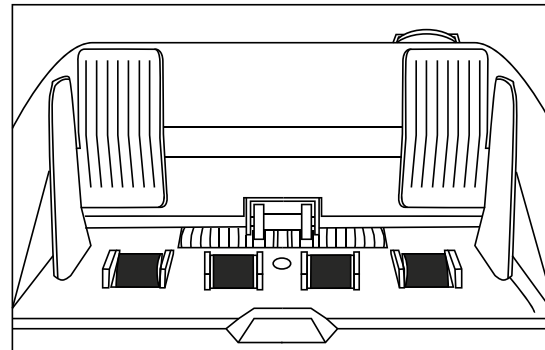
Sometimes, during the transportation or shipment of the unit, the adjustment of the feed mechanism may loosen. This can also happen during normal wear or tear and can lead to DOUBLE, CHAIN or HALF errors. The feed gap is the actual height of the bill feed path, and should be tuned to just about the thickness of a single bill. If the feed gap is too wide, the user may experience a high amount of DOUBLE and CHAIN errors which are caused by more than one bill entering the scanning path at one time. If the feed gap is too tight, the unit may not be able to pass bills into the scanning path, or catch on bills and tear them.

The following steps are the procedure for adjusting the feed gap:

1. Ensure the machine is turned off.
2. Position the rollers so that none of the dark-colored rubber teeth are visible. This can be done by turning the kick rollers. Only the black smooth sections of the rollers should be showing.

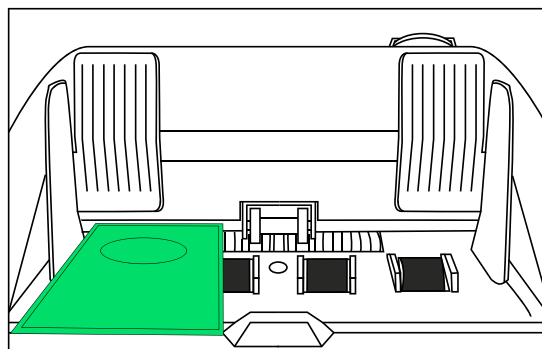


Incorrect Position. Roller teeth visible.



Correct Position. Smooth black side of roller is visible.

3. Place one bill that is crisp and rigid enough to prevent bending during the adjustment procedure. Place the bill lengthwise either to the right or left side of the hopper. See image below for example.

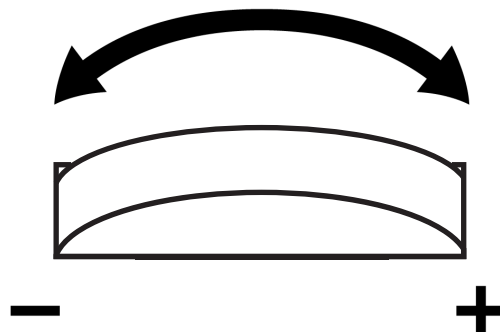
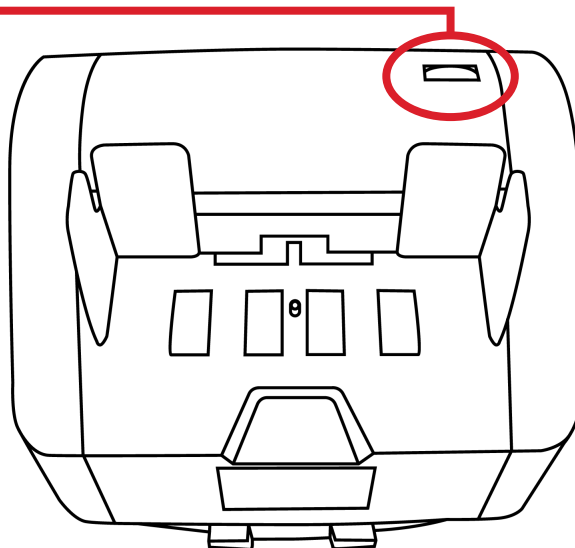


9900R Feed Gap Procedure

4. Guide the bill between the inner rollers during this step; you should feel moderate resistance as you move the bill back and forth through these rollers. In other words, the gap between these rollers is wide enough to pass just one bill per count, but narrow enough to feel a slight tension or friction when pulling the bill out.

Take the following steps to adjust the feed gap as needed:

- a) With the machine off, locate the Feed Gap Adjustment Knob on the top panel (as shown to the right).
- b) Turn the knob left or right as follows:
 - If more than one bill is being pulled through the bill feeder at a time (causing Double and/or Chain errors), tighten the feed gap by turning the knob to the right (towards the "+" mark).
 - In case of Chain errors or bill jamming, loosen the feed gap by turning the knob to the left (towards the "-" mark).
- c) Test the machine.
- d) Repeat if necessary.



Important Note:

The 9900R feed gap adjustment can be sensitive during adjustments. Do not overturn each adjustment or you may overshoot the optimum gap. We recommend testing with a stack of bills after each adjustment turn.