

KBR-1500

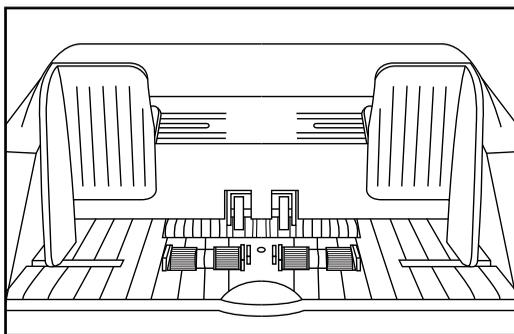
Feed Gap Adjustment



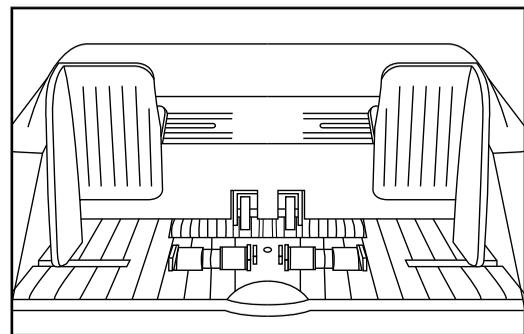
Sometimes, during the transportation or shipment of the unit, the adjustment of the feed mechanism may loosen. This can also happen during normal wear or tear and can lead to DOUBLE, CHAIN or HALF errors. The feed gap is the actual height of the bill feed path, and should be tuned to just about the thickness 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.

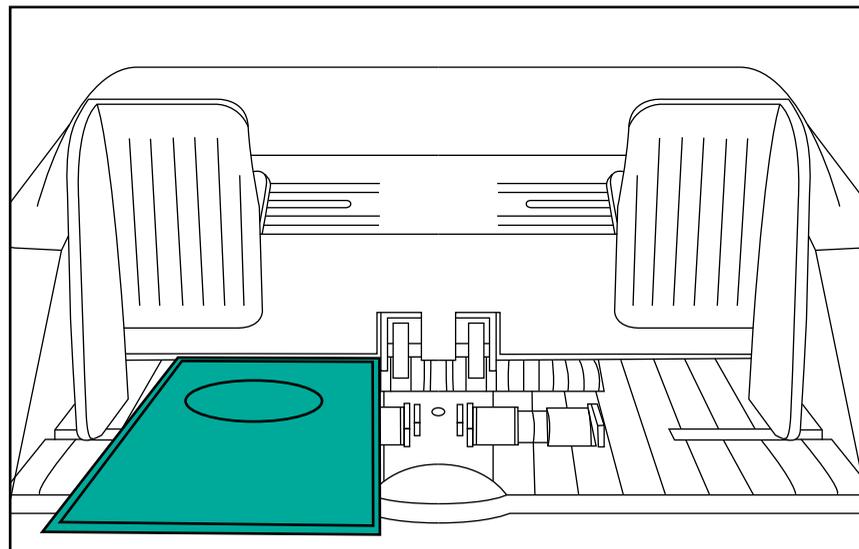


Incorrect Position:
Turn rollers until teeth are no longer visible.



Correct Position:

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.



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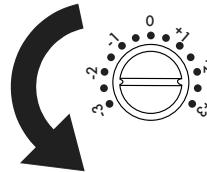
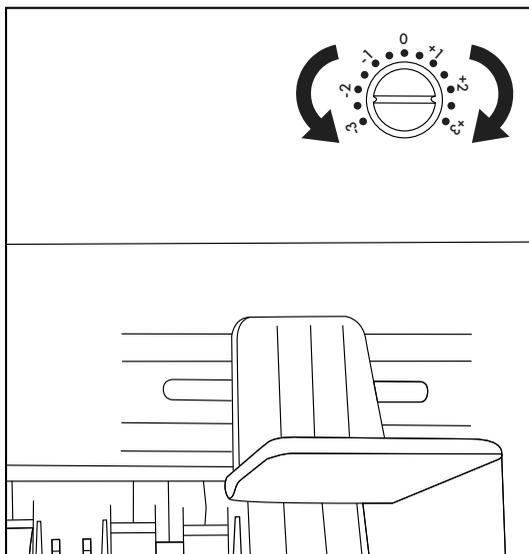
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4. Guide the bill between the inner rollers during this step; you should feel moderate resistance as you move the bill back and forth through these rollers. In other words, the gap between these rollers is wide enough to pass just one bill per count,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

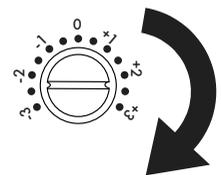
To adjust the bill feed gap, use the instructions below to turn the adjustment screw at the top of the unit:

- a) Make a 1 dot adjustment turn at a time, then retest.
- b) If the bill feels too loose, tighten the feed gap by turning the adjustment screw counterclockwise.
- c) If the resistance against the bill feels too strong, loosen the gap by turning the screw clockwise.



If you are experiencing a high amount of DB, DD errors or multiple bills jammed inside the machine, turn the screw counterclockwise 1 dot at a time, then reset.

If the unit has a hard time feeding the bills or tears the bill, turn the adjustment screw clockwise 1 dot at a time, then retest.



Important Note:

The KBR-1500 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.