KBR-1500 V2

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 only two teeth in from are visible. This can be done by manually turning the rollers until only two teeth are showing and the smooth section of the rollers mainly is visible (see images below).

Incorrect Position

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).

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Guide the bill between the inner rollers. During this step, moderate resistance should be felt as the bill is moved back and forth between the rollers. In other words, the gap between these rollers should be wide enough to pass one bill per count, but narrow enough to feel slight tension or friction when pulling the bill out.

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

a) Adjust the knob, a slight turn at a time, and 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.

IMPORTANT NOTE:
The Kolibri KBR-1500 V2 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.

If, after using the recommended feed gap adjustment method, this does not resolve the issue, please see the support section on the Kolibri USA website at www.KolibriUSA.com, or contact Kolibri Support at support@KolibriUSA.com for further troubleshooting.

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