



TECHNICAL

BULLETIN



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TECHNICAL TIP: 15-05

DATE: April 10, 2015

SUBJECT: SDD Datum Rollers' Position

AVAILABILITY: All Authorized Triton Distributors and Third Party Service Providers

This bulletin addresses:

| | |
|-------------------------------------|-------------------------|
| <input type="checkbox"/> | Hardware Service Issues |
| <input type="checkbox"/> | New Kit/Parts Available |
| <input type="checkbox"/> | Software Announcements |
| <input checked="" type="checkbox"/> | Technical Tips |

Recommended Implementation is:

| | |
|-------------------------------------|--|
| <input type="checkbox"/> | Now for all affected units |
| <input type="checkbox"/> | All affected units during next service visit |
| <input type="checkbox"/> | Optional |
| <input checked="" type="checkbox"/> | No implementation required |

If a SDD is experiencing Error Code (EC) 42 Timing Wheel Error, EC 48 Excessive Rejects, or actual jams, then the first step is to verify you are using ATM fit currency and notes are loaded correctly. The next step in troubleshooting should be to inspect the three datum rollers' position in reference to their grooves on the datum roller shaft.

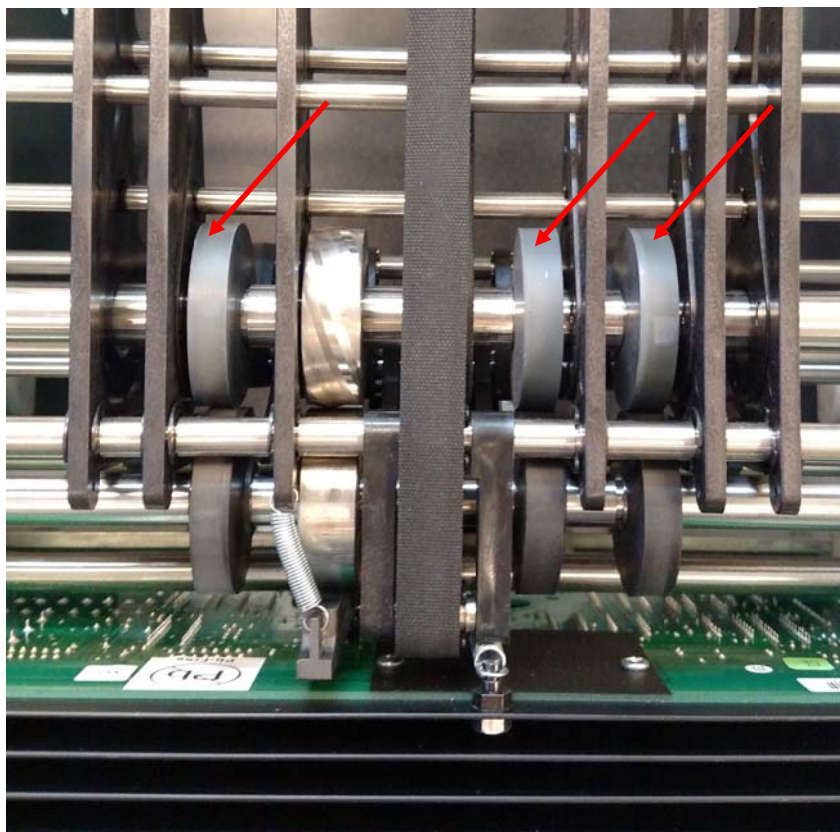


Figure 3 - Datum Rollers

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The three datum rollers should be centered between their location grooves on the datum roller shaft.

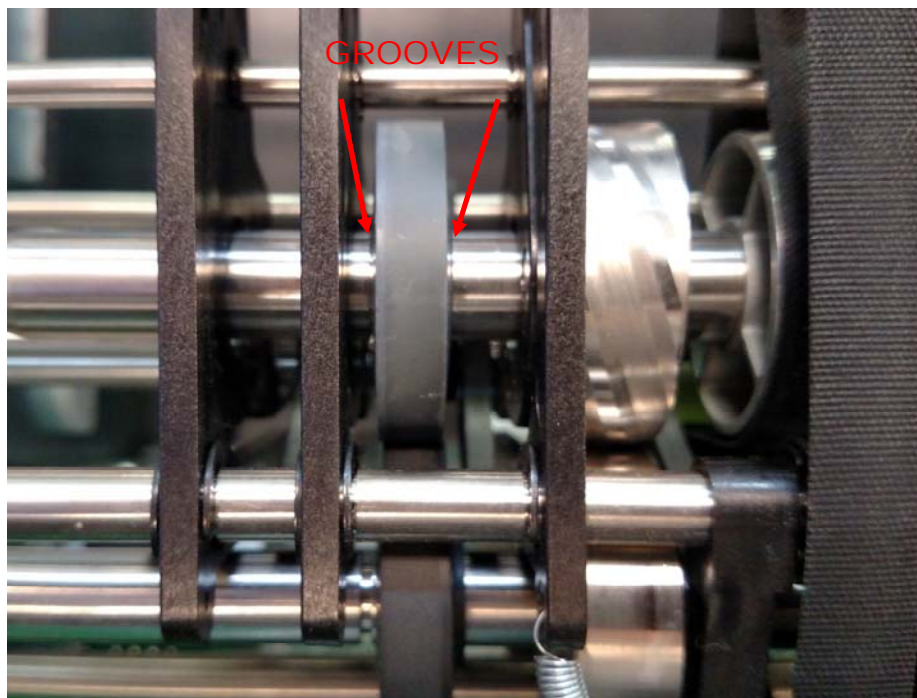


Figure 2 - Correct Position of Datum Roller

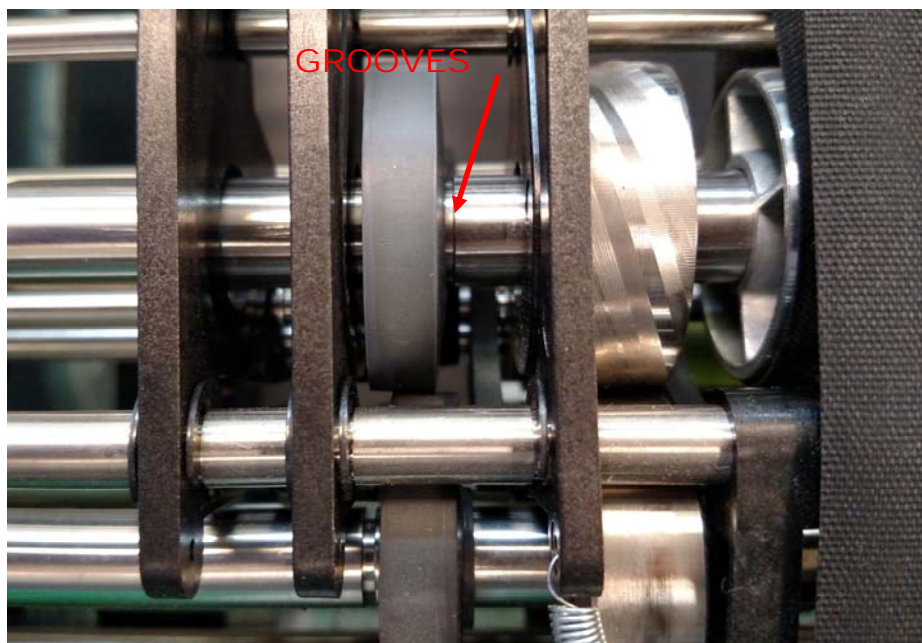


Figure 3 - Incorrect Position of Datum Roller

If the three datum rollers are not properly located between their location grooves on the datum roller shaft, they could cause false rejects or jams during bill transport.

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If any datum roller is not in the correct position, please make the simple adjustment described below:

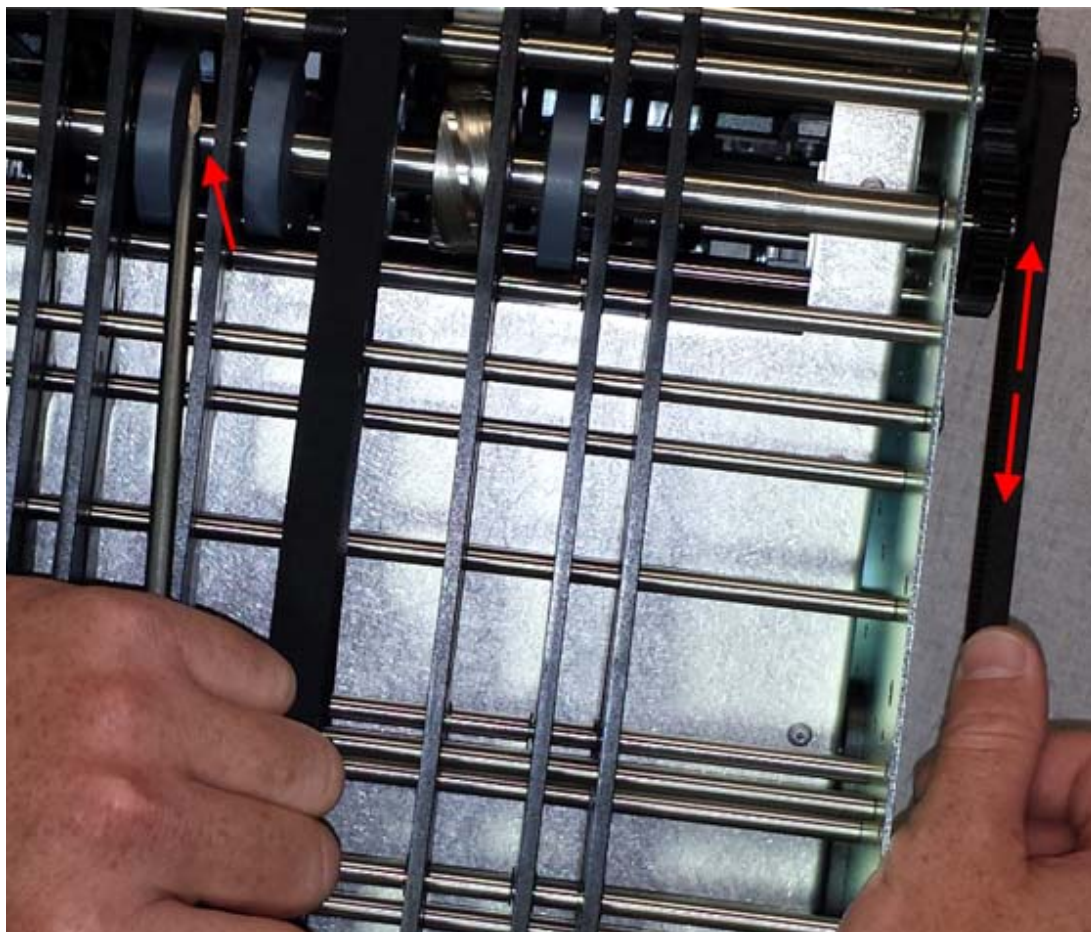


Figure 4 - Adjustment of Datum Roller

Adjustment: The double detect datum roller is fitted onto a grooved shaft. The grooved section of the shaft exceeds the width of the roller. Use a long, flat tip screwdriver to gently force the roller to center of the location grooves on the datum roller shaft. Apply the flat tip screwdriver to the base of the roller at the shaft and pull the top outside belt to rotate the gears towards the exit (Figure 4). Verify the correct position of datum roller by pulling outside belt full 360 degree rotation of datum rollers. Repeat steps for any misaligned datum rollers.

If you have questions regarding this Technical Bulletin, please contact Technical Support at 1-228-575-3100 or toll free in the U.S. / Canada 1-800-259-6672.

Visit www.Triton.com for additional information.

For all ATM Parts, Repair, and Training needs, visit www.atmgurus.com.