Pivot Adjustment Procedure

Product

ThermoFlex Wide II

Background

After installation, the device engine should be level and sitting on the floor. The chassis is hanging off the engine at two pivot points and is supported on the floor through the rear feet. The vertical position of the pivot assembly determines the distance between the table and the drum. This distance must not be greater than 11 mm (7/16 in.).

Solution

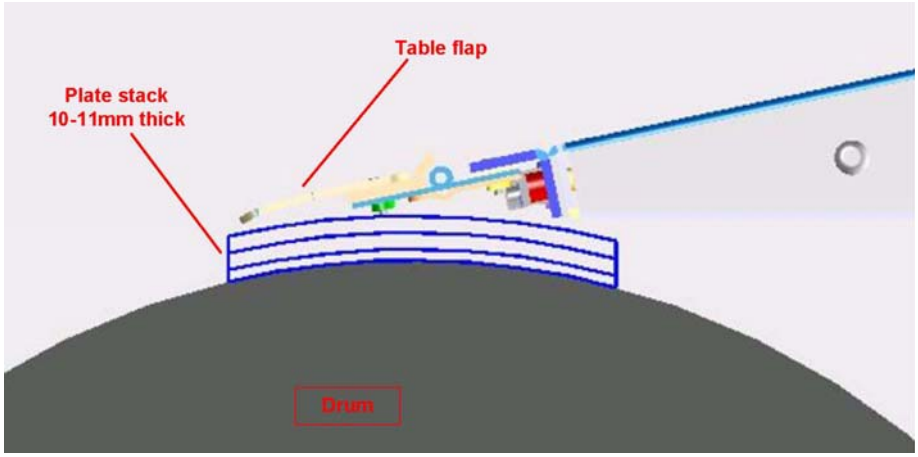
The pivot assembly is adjusted during manufacturing and should not need further adjustment in the field. In the event of adjustment being necessary because of incorrect manufacturing alignment or shifting due to shipping, follow the steps outlined below.

Tools required

- 13 mm wrench
- 17 mm hex socket
- Stack of plates to check the distance between the drum and the table. Use double-sided tape to stack some plates together for a total thickness of 10 – 11 mm (3/8 – 7/16 in.).

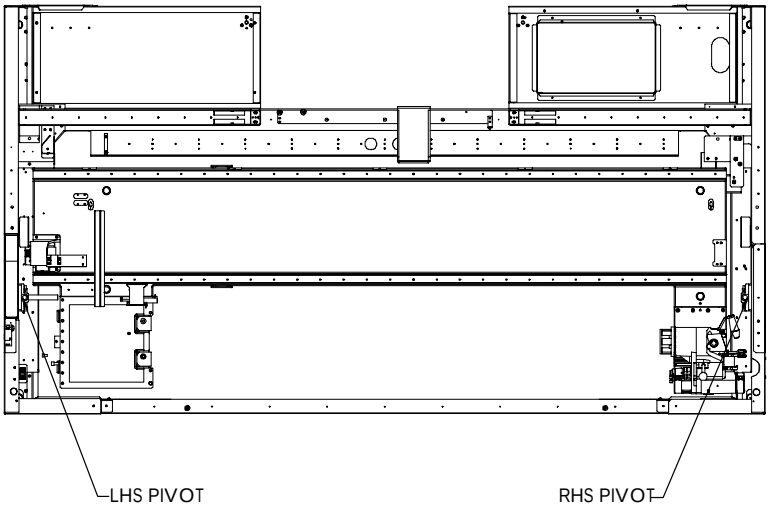
Checking the distance between the table and the drum

1. Open the front panel.
2. Center the plate stack on the top of the drum and tape it in place.
3. Slide the table forwards. The lowest part of the table should just touch the plate stack. The lowest part is usually in the center due to the table sagging. Lift the table flap up to increase visibility of the plate stack under the table edge.

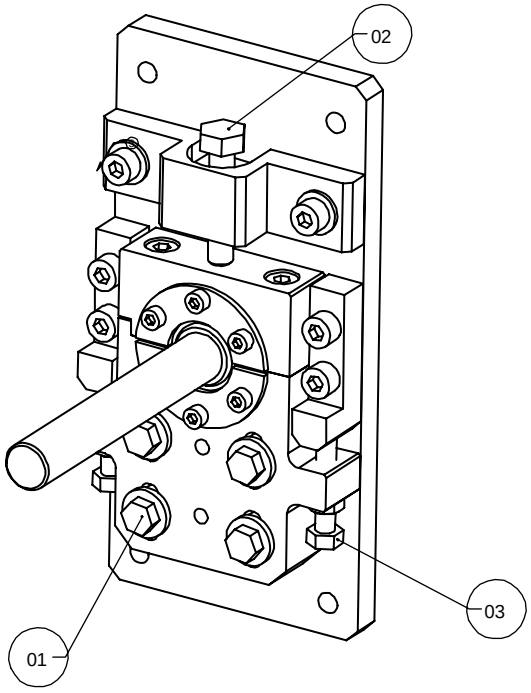


4. If the gap is greater than 11 mm (7/16 in.), adjust the pivot assembly.

Adjusting the pivot assembly



1. On the right-hand pivot, loosen the four hex screws (item 01) with a 13 mm wrench by ½ turn only.



2. Loosen the lower jacking screw (item 03) with a 17 mm hex socket by approximately 13 mm (½ in.).
3. Repeat steps 1 and 2 on the left-hand pivot.
4. On the right-hand pivot, use a 17 mm hex socket to adjust the upper jacking screw (item 02) so that the gap between the drum and the table leading edge is 10 – 11 mm (3/8 – 7/16 in.). Measure the gap at the center of the table where the most sag occurs. The gap at the two sides should be equal.
   Turn the jacking screw clockwise to increase the distance and counter-clockwise to decrease the distance.
5. Repeat step 4 on the left-hand pivot.

6. Tighten the four hex screws on both sides.
7. Tighten the lower jacking screws on both sides.
8. Slide the table back.
9. Close the front panel.

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