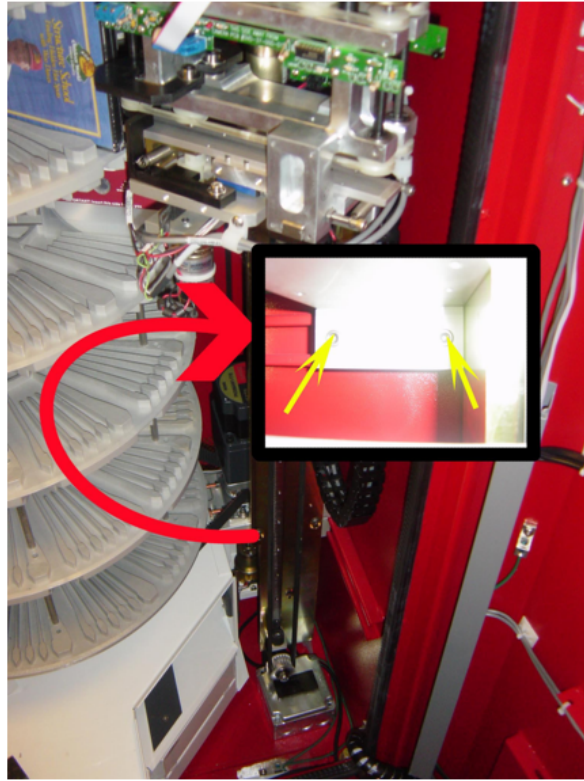# TSB-Sell-Thru-Bottom-I-Beam-Adjustment

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SUBJECT: Sell Thru-Bottom Frame (I-Beam) adjustment	Bulletin Number: 02-00016
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Description: I-Beams, located at the top and bottom of the machine, align the picker left and right. During rental operation, due to the disc size and the vend door size; there is a certain amount of leeway for the disc to travel. During sell thru operation the tolerance is much less requiring the beams to be checked and correctly positioned. (If neither TSB-15 nor TSB-16 solves the sell thru disc from catching on the right or left side, or there is still tightness or resistance when inserting or removing a sell through disc, see page 3 of TSB-16 for advanced troubleshooting)

Machines experiencing problems with the left/right alignment of the sell thru disc when vending, and the top beam has been checked and adjusted, should adjust the bottom beam using the following procedure. The following questions should assist in identifying left/right alignment issues.

1. Has the top beam been adjusted (TSB-15)?
2. Is there resistance when the sell thru disc is being vended?
3. When vending is the sell thru disc getting caught up on the left or right of the vend door assembly? If yes is the door completely flat (open)? If no refer to TSB-17

If answered YES to question 1&2 or 1&3 and it is not a door issue, use the following procedure.

Repair Procedure

1. Mark the position of the Bottom I-Beam using a marker. Mark the position on the red assembly to accurately identify the original position of the I-Beam.
2. Loosen the 1/4" screws of the I-Beam-- Diagram 1.0. Only slightly loosen the screws, there are small plates the screws tighten into and loosening too much will cause the plates to drop, making it very difficult to tighten the I-Beam.

3. If the sell thru disc is not clearing on the right side pull the I-Beam(gold plate), push the I-Beam, if clearance is needed on the left side, only move the I-Beam a few millimeters at a time. Verify by looking at the marks you made on the red assembly.
4. Test by closing the door and vending a sell thru disc. If the disc is still catching on either the right or left repeat step 3 and slightly move the I-Beam in the desired direction, testing after each move.
5. If the right/left alignment is accurate and there is still resistance when inserting or removing a disc, continue to adjust the bottom beam. You can properly identify which way to move the beam if you have resistance by meticulously watching the disc being vended. A slight kick on the top right of the disc will tell you to push the beam, conversely a slight kick on the top left will tell you to pull the beam. These slight kicks of the disc will not necessarily impede the disc from being vended, however it will cause slight resistance or tightness when vending or inserting.
6. Test rental slot data, all decks, to ensure adjustment did not affect slot data

Part(s) Information

Part Number	Description	Quantity	Notes

Required Tool(s)

Tool	Description	Quantity	Notes
HEX tools		1	

Repair Procedure (Con't)

Prerequisites
   1. TSB-15 and TSB-16 and TSB-17 are complete
   2. Disc are still catching on the right or left side of the door assembly

         OR

   3. Disc are tight when removing or inserting

Procedure:

   1. If the disc is slightly kicking or catching on the top right of the disc push the bottom beam in.
   2. A disc is slightly kicking or catching on the top left of the disc, pull the bottom beam towards you.

Example:

If the disc is under resistance when trying to insert or remove, you closely inspect when the disc is being vended and notice a slight kick on the top right of the disc. You have adjusted according to TSB-15, TSB-16 and still notice tightness and this slight kick. Adjust the bottom beam, pushing it in, this will cause the top of the disc to move to the left and should relieve the resistance when being removed or inserted. The opposite holds true if there is a kick on the top left of the disc.