

SERVICE INFORMATION

M144.0

MODELS AFFECTED: All BevMax Media (6) and BevMax 4 and 3 Model Venders with New Square Gate Assemblies.

MODEL NUMBERS: DN5800-6, DN3800-6, DN5800-4, DN3800-4, DN5800-3, & DN3800-3.

Date: 10/19/16



Reason: To provide instructions for installing a Narrow Small Diameter Column Insert and Cup Deflector w/Ribs for vending tested and released narrow packages in BevMax Media (6) and BevMax 4/3 venders with the new Square Gate Assemblies (these are quickly identified by the metal gear support bracket on the underside of the tray chassis covering the gears assemblies of several columns).

Narrow Small Diameter Column Insert permits the dispensing of smaller diameter products (narrower) without encountering the cascading of products within a column, potentially causing a product jam at or near the dispense gate. This column insert is designed to be placed in an individual selection. One insert will be required for each selection where the smaller diameter product is being dispensed. The Insert will be released for use with specific packages tested and approved for vending by Crane. Some packages tested and released to date are 6.5oz Starbucks Double Shot Cans, 8.4oz Izze Cans, 10.1oz Robinsons Fruit Shoot PET Bottles (see page 2 for package dimensions and photos). There are other similar products (some examples are Red Bull and Amp) in this size frame where this insert may be used but have not been tested and released as of the date of this document. The maximum diameter for the use of this adaptor is 2.13", while the minimum diameter is yet to be determined through testing.



The Cup Deflector mounted in the delivery cup has been modified by adding a number of small ribs to the bottom of the deflector. The ribs have been added to insure shorter products are sufficiently positioned vertically when dispensing so the potential for a product jam entering the Delivery Cup is minimized. The new Cup Deflector with Ribs was tested over a wide range of products successfully and will become the standard.

It is recommended that any machine that has the Narrow Small Diameter Column Insert added should also have the new Cup Deflector with Ribs added to the delivery cup to insure the best possible package delivery.

If you have any issues please contact your Crane Merchandising Systems Representative or the Technical Service Department at 803-266-5001.

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Tools required:

- Needle Nose Pliers

Part Description

- 1 – M144.# Instructions



Package	Diameter	Height
6.5oz Starbucks Can	2.085"	4.291"
8.4oz Izze Can	2.085"	5.178"
10.1oz Fruit Shoot Bottle	2.315"	7.625"



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Installation of CR0027655 Narrow Small Diameter Column Insert

1. Carefully remove the existing column slide assembly from the column selected to vend the narrow package.
 - a. Remove slide by using small pliers to compress snap feature from bottom side of tray chassis.



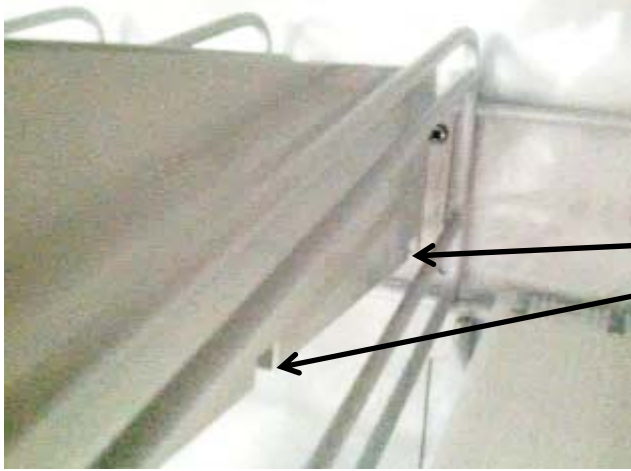
- b. Once the slide is released from the tray chassis remove from the machine and keep for re-assembly later.



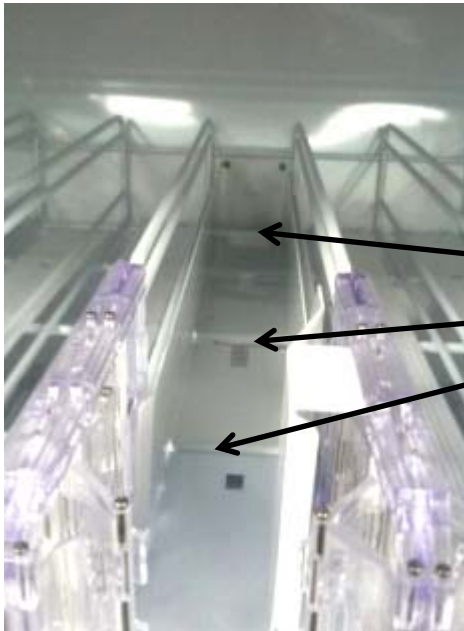
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2. Install column insert. Be sure that rectangular cut outs are aligned with the wire form supports.



3. Column insert installed, note all three horizontal wire form supports are located in rectangular cutouts of column insert and are visible.



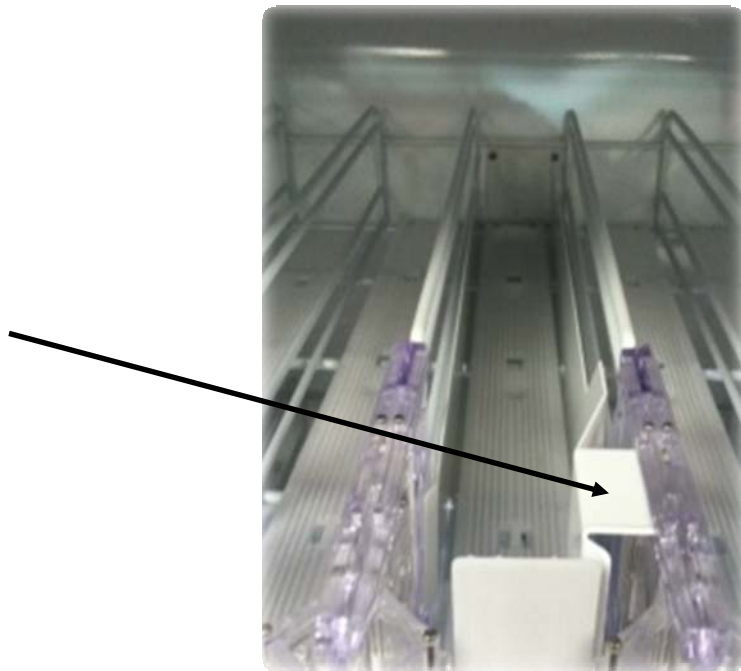
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4. Install slide removed in step "1a" as normal and snap into tray chassis.



5. Column insert installation is complete. Ensure the return flange of the insert is resting against the side of gate and not on resting on top.



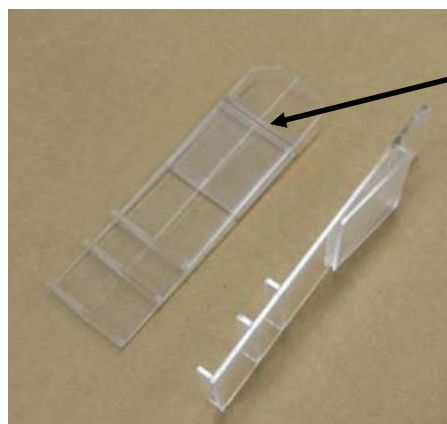
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Installation of CR0027655 Narrow Small Diameter Column Insert

Refer to Installation Instruction M134.# or follow the instructions below.

Reason: The Cup Deflector mounted in the delivery cup has been modified by adding a number of small ribs to the bottom of the deflector. The ribs have been added to insure shorter products are sufficiently positioned vertically when dispensing so the potential for a product jam entering the Delivery Cup is minimized. The new Cup Deflector with Ribs was tested over a wide range of products successfully and will become the standard.

Order: 1 – CR0027657 Cup Deflector with Ribs



CR0027657
Cup Deflector w/Ribs

Figure 1

Installation:

1. Deliver Cup Sleeve Deflector with Ribs should be installed with the longer end inside the cup sleeve and should be justified to the corner closest to the cup body. (see Figure 2).
- 2.



Note positioning of the deflector inside the cup sleeve and closest to the cup. Inside view.

Figure 2

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Note positioning of the deflector inside the cup sleeve and closest to the cup. Outside view.



Figure 3

IMPORTANT: As always, please remember to check the following:

- Vender is level
- Trays are secured front & back
- Delivery cup alignment to gate
- Slides for wear, flash, burrs, pitting, dirt, grime, or syrup
- Slide is flush to chassis
- Gate pins are seated
- Gear box for smooth operation
- Trigger in delivery cup for sharp edge or flash
- Power supply to vender
- Clean and lubricate the slides.
- Refer to Service Instruction M101.# for details on these procedures.