

Technical Bulletin

Bulletin Number: 454 Revision Number: R-10

Release Date: October 16, 1992 Revision Date: April 6, 1998

SUBJECT: MISCELLANEOUS WORLDWIDE NON RETURNABLE GLASS BOTTLE SHIMMING IN SHIMLESS STACK SERIES 90 VENDERS.

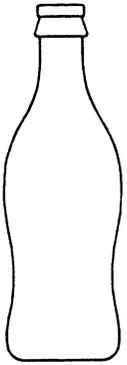
MODELS AFFECTED: All Shimless Stack Series 90 Venders.

REASON: To provide the shimming and set-up of various non-returnable glass bottles used Worldwide.

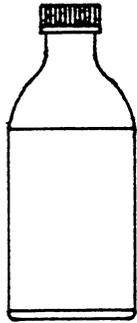
INDEX

A) Package Shape Illustrations.....	Page 2
B) Package Dimensions	Page 3
C) Part Illustrations	Page 4
D) Column Wall Kit Installation Instructions	Pages 5 and 6
E) Shimming and Set-Up Chart	Pages A1 through A2
F) Individual Column Set-Up & Shimming	Pages B1 through B6

Package Shapes



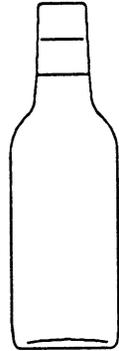
1



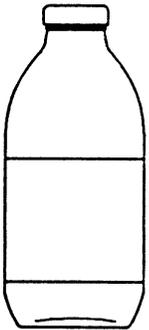
2



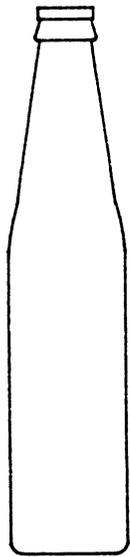
3



4



5



6



7

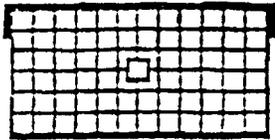
Package Shapes

Description	Package Size	Country/ Township	Shape	Height Inches (mm)	Diameter Inches (mm)
Coca-Cola "Contour"	300 ml	Australia	1	7.63" (193.8)	2.43" (61.7)
Coca-Cola	330 ml	Germany	2	6.5" (165.1)	2.56" (65)
Coca-Cola "Contour"	330 ml	Germany	1	8.06" (204.7)	2.44" (62)
Pepsi-Cola	330 ml	Germany	2	6.5" (165.1)	2.56" (65)
Water	330 ml	Germany	2	6.5" (165.1)	2.56" (65)
Coca-Cola	10 oz.	Mexico	2	5.8" (147.3)	2.62" (66.5)
Coca-Cola	12 oz.	Mexico	2	6.75" (171.5)	2.63" (66.8)
"Bellingham & TJ"	250 ml	South Africa	3	7.27" (184.7)	2.39" (60.7)
"Chateau Libertas"	250 ml	South Africa	4	7.27" (184.7)	2.23" (56.6)
Clear Wine	250 ml	South Africa	3	7.81" (198.4)	2.22" (56.4)
Colombiana	10 oz.	South America	2	5.375" (136.5)	2.63" (66.8)
Fruitopia	330 ml	Spain	5	6.34" (161)	2.54" (64.5)
Barq's	8 oz.	United States	4	7.63" (193.8)	2.22" (56.4)
Cappio	8 oz.	United States	6	6.98" (176.4)	2.38" (60.5)
Coca-Cola "Contour"	8 oz.	United States	1	7.73" (196.3)	2.34" (59.4)
Dr. Pepper	8 oz.	United States	6	7.58" (192.5)	2.27" (57.7)
Ocean Spray	10 oz.	United States	5	5.94" (150.9)	2.65" (67.3)
Sprite	8 oz.	United States	1	7.63" (193.8)	2.30" (58.4)
Tropicana	10 oz.	United States	2	6.03" (153.2)	2.57" (65.3)
Coca-Cola "Contour"	12 oz.	United States	1	9.25" (235)	2.48" (63)
Nantucket Nectars	12 oz.	United States	5	6.63" (168.4)	2.61" (66.3)
Coca-Cola	250 ml	Uruguay	1	7.46" (189.5)	2.29" (58.2)
Fanta	250 ml	Uruguay	7	7.40" (188)	2.28" (57.9)
Sprite	250 ml	Uruguay	7	7.41" (188.2)	2.29" (58.2)

1. Where the symbols *, + and @ are used refer to the following:
(Use plastic tubes only where called out.)
 - * Where the symbol * appears on the shim chart, place the 10-3/4" long (9/32"ID, 3/8"OD) yellow plastic tube over the rod.
 - + Where the symbol + appears on the shim chart, place the 10-3/4" long (9/32"ID, 7/16"OD) red plastic tube over the rod.
 - @ Where the symbol @ appears on the shim chart, place the 10-3/4" long (9/32"ID, 17/32"OD) white plastic tube over the rod.

2. Where **REAR A/FRONT C** appears on the shim chart, this means the rod is installed (spring end first) in hole "A" at the rear of the rotor and the front end of the same rod is installed in hole "C".

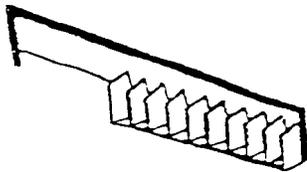
PARTS ILLUSTRATIONS



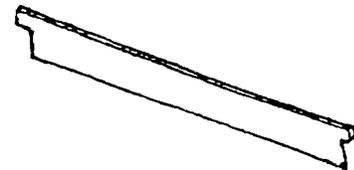
Flat Black Shim
801,804,96x.x1



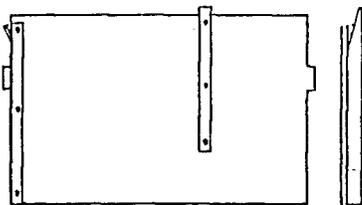
Grey Shim
801,805,12x.x1



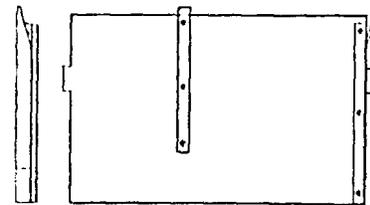
Bottle Shim (White Plastic)
801,805,23x.x1



Flat Shim (Metal)
901,303,63x.x1



w/a Bottle Shim, left -2
443,010,60x.x3



w/a Bottle Shim, right -2
443,010,70x.x3

INSTALLATION OF COLUMN WALL KIT:

WIDE COLUMNS

1. Unplug the vender.
2. Move the rear spacers to the rear of each column.
3. Identify the right and left parts for proper placement.
 - A. See Figures 1 and 2 on the next page for identification.

Note: The dimension from the bottom of the part to the first clip is 6-1/8" (155.6mm) on a right side part and is shown to assist in part identification. The dimension on the left hand part from the bottom of the part to the first clip is 8-1/8" (206.4mm).

4. Take the right kit and locate the "clips" which are welded to the back side of the part.
5. Place the right kit in the column so the "clips" are towards the right column wall.
6. Align the "clips" with the existing slots in the right stack wall.

Note: There are two (2) upper and two (2) lower slots in each stack wall.

For the right kit use the lower slots at each location.

7. Push the wall in position to secure (clips in slots).
8. Install the left kit wall by repeating steps 4, 5, 6 and 7 using the upper slots at each location.
9. Set the rear spacer in the proper position.
10. Set the cams in the proper position.
11. Load the product and test for proper vending.

WIDE
LEFT COLUMN WALL

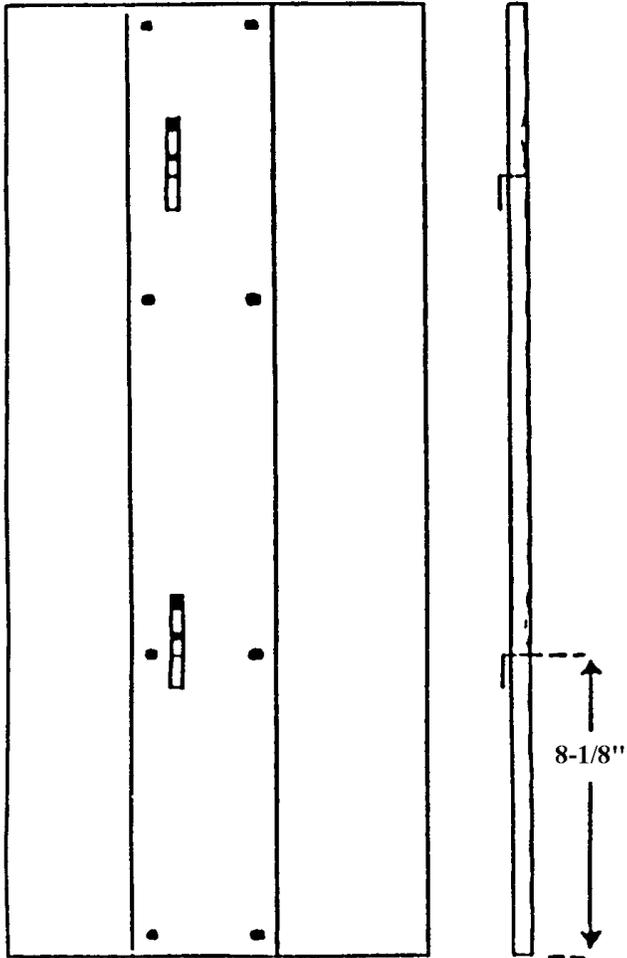


FIGURE 1

WIDE
RIGHT COLUMN WALL

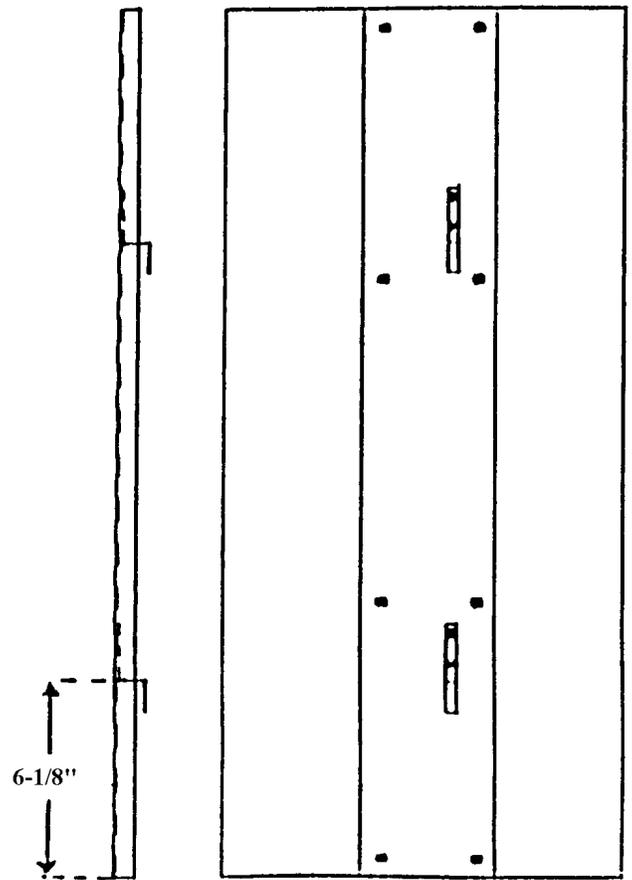


FIGURE 2

Use this chart to "set-up" and "shim" the "Shimless Stack" vender.

Series 90, beginning S/N 0001-3162AO & up (except run numbers 3164AO, 3166AO, and 3167AO).

Pre-Series 90, beginning S/N 0001-3098AN to 0001-3162AO (Except 1954-3161AO to 2003-3161AO & 2656-3161AO to 2750-3161AO)
 (Includes production runs 3164AO, 3166AO, and 3167AO)

NON RETURNABLE GLASS BOTTLES

PACKAGE DESCRIPTION & VENDERS APPROVED	COUNTRY	SEE PAGE(S)	Wide Columns				All Columns		Narrow Columns				
			LOADING	PARTS PER COLUMN	CAM SETTING	CAMS REQ'D	REAR SPACER LOCATION	LOADING DEPTH	PARTS REQ'D PER COLUMN	ROD IN	ROD IN	CAM SETTING	OTHER PARTS
300 ml NR Coca-Cola Glass Bottle in Model 368	Australia	2, 4, & B1	1	4 flat black shims	2 notches	blue/gold	Hole 13	1	1 flat shim right & 1 plastic bottle shim right	A	-	#4	none
330 ml NR Coca-Cola Glass Bottle in Models 432 & 360	Germany	2, 4, & B1	1	2 flat black shims	2 notches	blue/gold	Hole 10	NA	NA	NA	NA	NA	none
330 ml NR Coca-Cola Contour Glass Bottle in Models 180, 300, & 360	Germany	2, 4, & B1	1	w/a right & left shim and 4 flat black shims	2 notches	blue/bold	Hole 14	NA	NA	NA	NA	NA	none
330 ml NR Pepsi Cola Glass Bottle in Models 300 & 180	Germany	2, 4, & B1	1	2 flat black shims	2 notches	blue/gold	Hole 10	NA	NA	NA	NA	NA	none
330 ml NR Glass Water Bottle in Models 432, 360, 300, & 180	Germany	2, 4, & B1	1	2 flat black shims	2 notches	blue/gold	Hole 10	NA	NA	NA	NA	NA	none
10 oz. NR Coke Glass Bottle in Model 276	Mexico	3, B1, & B2	2	0	4 notches	blue/gold	Hole 23	2	0	-	-	#3	none
12 oz. NR Coca-Cola Glass Bottle in Models 368 & 440	Mexico	2 & B2	1	0	2 notches	blue/gold	Hole 10	1	0	NA	NA	#4	none
250 ml NR Glass Wine "Bellingham & TJ" Bottle in Model 276	South Africa	2, 4, & B2	1	6 flat black shims	2 notches	blue/gold	Hole 12	1	1 flat shim right & 1 white plastic shim	A	-	#4	none
250 ml NR Glass Wine "Chateau Libertas" Bottle in Models 276 & 440	South Africa	2, 4, 5, 6, & B2	1	w/a right & left bottle shim & 6 flat black shims	2 notches	blue/gold	Hole 12	1	1 flat shim right & 1 white plastic shim	A	-	#4	none

NA = Not Applicable
 @, +, and * see page 4.

Wide Columns

All Columns

Narrow Columns

PACKAGE DESCRIPTION & VENDERS APPROVED	COUNTRY	SEE PAGE(S)	LOADING	PARTS PER COLUMN	CAM SETTING	CAMS REQ'D	REAR SPACER LOCATION	LOADING DEPTH	PARTS REQ'D PER COLUMN	ROD IN	ROD IN	CAM SETTING	OTHER PARTS
250 ml NR Glass Clear Wine Bottle in Model 276	South Africa	2, 4, 5, 6, & B3	1	w/a right & left column wall & 6 grey shims	2 notches	blue/gold	Hole 13	1	1 bottle shim right, 1 bottle shim left, 4 flat shims right, & rear spacer assy.	-	-	#4	none
10 oz. NR "Colombiana" PLB Glass Bottle in All Shimless Stack Models	South America	2 & B3	2	1 can retainer	4 notches	blue/gold	Hole 23	2	0	NA	NA	#3	none
330 ml Fruitopia Glass Bottle in Models 276, 348, & 368	Spain	2, 4, & B3	1	2 flat black shims	2 notches	blue/gold	Hole 10	1	no shims required	-	-	#4	none
8 oz. NR Cappio Glass Bottle in Model 276	United States	3, 4, B3, & B4	1	6 flat black shims	2 notches	blue/gold	Hole 10	1	1 bottle shim right, 2 flat shims right & rear spacer assy.	A*	-	#4	none
8 oz. Barq's, 8 oz. Sprite, and 8 oz. NR Coca-Cola "Contour" Glass Bottle in Models 180, 276, 300, & 368	United States	2, 5, 6, & B4	1	w/a right & left column wall	2 notches	blue/gold	Hole 14	NA	DO NOT VEND	NA	NA	NA	none
8 oz. NR Dr. Pepper Glass Bottle in Model 368	United States	3, 5, 6, & B4	1	w/a right & left column wall	2 notches	blue/gold	Hole 13	NA	DO NOT VEND	NA	NA	NA	none
10 oz. NR Glass Ocean Spray Bottle in Model 368	United States	3 & B4	-	WILL NOT VEND	-	-	Hole 23 (Top)	2	Rear spacer assy.	-	-	#3	none
10 oz. Tropicana Glass Bottle in Model 368	United States	3, 4, & B5	1	Spring shim - right & left, 4 flat grey shims	2 notches	blue/gold	Hole 9	1	0	B*	-	#4	divider angle
12 oz. NR Coca-Cola "Contour" Glass Bottle in Models 276, 368, 432 & 440	United States	2, 4, & B5	1	4 flat grey shims	2 notches	blue/gold	Hole 17	1	0	A	C+	#4	none
12 oz. NR Nantucket Nectars Juice Bottle in Models 276 & 368	United States	2, 4, & B5	1	2 flat black shims	2 notches	blue/gold	Hole 10	0	Do not recommend vending in narrow columns	-	-	-	none
250 ml NR Coke and 250 ml NR Sprite Glass Bottle in Models 276 & 300	Uruguay	3, 4, 5, 6, & B6	1	w/a right & left column wall	2 notches	blue/gold	Hole 12	1	1 bottle shim right, 4 flat shims behind bottle shim	Front C Rear A	-	#4	none
250 ml Fanta Glass Bottle in Models 276 & 300	Uruguay	2, 4, 5, 6, & B6	1	w/a right & left column wall	2 notches	blue/gold	Hole 12	1	rear spacer assy., 1 bottle shim right, 4 flat shims behind bottle shim	Front C@ Rear A@	-	#4	none

NA = Not Applicable
@, +, and * see page 4.

INDIVIDUAL COLUMN SET-UP & SHIMMING

300 ml NR Coca-Cola Glass Bottle (Australia) (In model 368)

Wide Column Set-Up 1 deep

4 - 801,804,96x.x1 flat black shims (2 each side)

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #13.

Narrow Column Set-Up 1 deep

1 - 901,303,63x.x1 flat shim right side

1 - 801,805,23x.x1 white plastic bottle shim (right side in front of flat shim)

1 - 267,012,30x.x3 rod and spring assembly

Place rod in hole "A" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #13.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

330 ml NR Coca Cola Glass Bottle (Germany) (In models 432 & 360)

330 ml NR Pepsi Cola Glass Bottle (Germany) (In models 300 & 180)

330 ml NR Glass Water Bottle (Germany) (In models 432, 360, 300 & 180)

Wide Column Set-Up 1 deep

2 - 801,804,96x.x1 flat black shims (1 each side)

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #10.

Narrow Column Set-Up

Not Applicable.

330 ml NR Coca-Cola "Contour" Glass Bottle (Germany) (In models 360, 300, & 180)

Wide Column Set-Up 1 deep

4 - 801,804,96x.x1 flat black shims (2 each side)

1 - 443,014,00x.x3 w/a bottle shim, left -3

1 - 443,014,10x.x3 w/a bottle shim, right -3

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #14.

SET DISCHARGE MEMBER AND CLOSURE STIP FOR BOTTLES.

Narrow Column Set-Up

Not Applicable.

10 oz. NR Coca-Cola Glass Bottle (Mexico) (In model 276)

Wide Column Set-Up 2 deep

No shims required.

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #2 or 4 notches.

Rear spacer set in hole #23.

10 oz. NR Coca-Cola Glass Bottle (Mexico) (In model 276)

Continued

Narrow Column Set-Up 2 deep

No shims required.

Cam setting #3 or 2 notches.

Rear spacer set in hole #23.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

12 oz NR Coca-Cola Glass Bottle (Mexico) (In models 368 & 440)

Wide Column Set-Up 1 deep

No shims required.

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #10.

Narrow Column Set-Up 1 deep

No shims required.

Cam setting #4 or 1 notch.

Rear spacer set in hole #10.

250 ml NR Glass Green Wine "Bellingham & TJ" Bottle (South Africa) (In model 276)

Wide Column Set-Up 1 deep

6 - 801,804,96x.x1 flat black shim (3 each side)

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #12.

Narrow Column Set-Up 1 deep

1 - 901,303,63x.x1 flat shim, metal right

1 - 801,805,23x.x1 white plastic bottle shim (right side in front of flat shim)

1 - 267,012,30x.x3 rod and spring assembly

Place rod in hole "A" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #12.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

250 ml NR Glass Wine "Chateau Libertas" Bottle (South Africa) (In models 276 & 440)

Wide Column Set-Up 1 deep

1 - 443,010,60x.x3 w/a bottle shim, left -2

1 - 443,010,70x.x3 w/a bottle shim, right -2

6 - 801,804,96x.x1 flat black shim (3 each side behind metal shim)

1 - 801,806,39x.x1 cam, blue vending

1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #12.

Narrow Column Set-Up 1 deep

1 - 901,303,63x.x1 flat shim, metal right

1 - 801,805,23x.x1 white plastic bottle shim (right side in front of flat shim)

1 - 267,012,30x.x3 rod and spring assembly

Place rod in hole "A" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #12.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

250 ml Glass Clear Wine Bottle (South Africa) (In Model 276)

Wide Column Set-Up 1 deep

1 - 443,011,30x.x3 276 w/a wall left
1 - 443,011,40x.x3 276 w/a wall right
6 - 801,805,12x.x1 flat grey shim (3 each side behind column wall)
1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
Cam setting #1 or 2 notches.
Rear spacer set in hole #13.

Narrow Column Set-Up 1 deep

2 - 801,805,23x.x1 white plastic bottle shim
(1 on right side)
(1 on left side with ridges toward left wall)
4 - 901,303,63x.x1 flat metal shim (4 per right side behind bottle shim)
1 - 493,070,70x.x3 rear spacer assembly with bottle retainer extension
Cam setting #4 or 1 notch.
Rear spacer set in hole #13.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

10 oz NR "Colombiana" PLB Glass Bottle (South America) (In all shimless stack models)

Wide Column Set-Up 2 deep

No shims required.
1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
Cam setting #2 or 4 notches.
Rear spacer set in hole #23.

Narrow Column Set-Up 2 deep

No shims required.
Cam setting #3 or 2 notches.
Rear spacer set in hole #23.

330 ml Glass Fruitopia (Spain) (In models 276, 348, & 368)

Wide Column Set-Up 1 deep

1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
2 - 801,804,90x.x1 flat black shim (1 each side)
Cam setting #1 or 2 notches.
Rear spacer set in hole #10.

Narrow Column Set-Up 1 deep

No shims required.
Cam setting #4 or 1 notch.
Rear spacer set in hole #10.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

8 oz. NR Cappio Glass Bottle (United States) (In model 276)

Wide Column Set-Up 1 deep

6 - 801,804,96x.x1 flat black shim (3 per side)
1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
Cam setting #1 or 2 notches.
Rear spacer set in hole #10.

8 oz. NR Cappio Glass Bottle (United States) (In model 276)

Narrow Column Set-Up 1 deep

- 1 - 801,805,23x.x1 bottle shim, right (close to bottle)
- 2 - 901,303,63x.x1 flat shim, long (close to column wall)
- 1 - 267,012,30x.x3 rod and spring assembly
- 1 - 901,901,95x.x1 yellow tubing
- 1 - 493,070,30x.x3 rear spacer assembly with retainer extension

Place rod with yellow tube in hole "A" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #10.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

8 oz. NR Sprite Glass Bottle (United States) (In models 276 & 300)**8 oz. NR Barq's Glass Bottle (United States) (In models 276 & 300)****8 oz NR Coca-Cola Glass Bottle (United States) (In models 180, 276, 300, & 368)**

Wide Column Set-Up 1 deep

- 1 - 270,010,20x.x3 276, 300, & 368 w/a wall left
- 1 - 270,010,30x.x3 276, 300, & 368 w/a wall right
- 1 - 275,010,50x.x3 180 w/a wall left
- 1 - 275,010,60x.x3 180 w/a wall right
- 1 - 801,806,39x.x1 cam, blue vending
- 1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #14.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up

Do not vend.

8 oz. NR Dr. Pepper Glass Bottle (United States) (In model 368)

Wide Column Set-Up 1 deep

- 1 - 443,011,30x.x3 w/a wall left
- 1 - 443,011,40x.x3 w/a wall right
- 1 - 801,806,39x.x1 cam, blue vending
- 1 - 801,806,40x.x1 cam, gold adjustable

Cam setting #1 or 2 notches.

Rear spacer set in hole #13.

Narrow Column Set-Up

Do not vend.

10 oz. Glass Ocean Spray (United States) (In model 368)

Wide Column Set-Up

Will not vend.

Narrow Column Set-Up 2 deep

No shims required.

- 1 - 497,074,40x.x3 maximum depth rear spacer assy. (bottom hooks to hanger rod)

Cam setting #3 or 2 notches.

Rear spacer set in hole #23 (top), bottom hooks to hanger rod.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

10 oz. Glass Tropicana (United States) (In model 368)

Wide Column Set-Up 1 deep

1 - 000,004,09x.x6 spring shim, right
1 - 000,004,08x.x6 spring shim, left
4 - 801,805,12x.x1 flat grey shim (2 each side behind spring shim)
1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
Cam setting #1 or 2 notches.
Rear spacer set in hole #9.

Narrow Column Set-Up 1 deep

No shims required.
1 - 276,012,30x.x3 rod and spring assembly
1 - 901,901,95x.x1 yellow tubing
Place rod with yellow tube in hole "B" of rotor.
Cam setting #4 or 1 notch.
Rear spacer set in hole #9.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

12 oz NR Coca-Cola "Contour" Glass Bottle (United States) (In models 276, 368, 432 & 440)

Wide Column Set-Up 1 deep

4 - 801,805,12x.x1 flat grey shim (2 each side)
1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
Cam setting #1 or 2 notches.
Rear spacer set in hole #17.

Narrow Column Set-Up 1 deep

No shims required.
2 - 267,012,30x.x3 rod and spring assembly
1 - 901,902,00x.x1 red tubing
Place one rod in hole "A" of rotor.
Place one rod with red tube in hole "C" of rotor.
Cam setting #4 or 1 notch.
Rear spacer set in hole #17.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

12 oz. NR Nantucket Necktars Juice Bottle (United States) (In models 276 & 368)

Wide Column Set-Up 1 deep

2 - 801,804,96x.x1 flat black shim (1 each side)
1 - 801,806,39x.x1 cam, blue vending
1 - 801,806,40x.x1 cam, gold adjustable
Cam setting #1 or 2 notches.
Rear spacer set in hole #10.

Narrow Column Set-Up

Not recommended.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

250 ml NR Coke Glass Bottle (Uruguay) (In models 276 & 300)

250 ml NR Sprite Glass Bottle (Uruguay) (In models 276 & 300)

Wide Column Set-Up 1 deep

- 1 - 270,010,20x.x3 w/a wall left
 - 1 - 270,010,30x.x3 w/a wall right
 - 1 - 801,806,39x.x1 cam, blue vending
 - 1 - 801,806,40x.x1 cam, gold adjustable
- Cam setting #1 or 2 notches.
Rear spacer set in hole #12.

Narrow Column Set-Up 1 deep

- 1 - 801,805,23x.x1 bottle shim, right (close to bottle)
 - 4 - 901,303,63x.x1 flat shim, long (close to wall)
 - 1 - 267,012,30x.x3 rod and spring assembly
 - 1 - 493,070,50x.x3 rear spacer assembly with bottle retainer extension
- Place rod in hole "C" front and hole "A" in rear of rotor.
Cam setting #4 or 1 notch.
Rear spacer set in hole #12.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

250 ml NR Fanta Glass Bottle (Uruguay) (In models 276 & 300)

Wide Column Set-Up 1 deep

- 1 - 270,010,20x.x3 w/a wall left
 - 1 - 270,010,30x.x3 w/a wall right
 - 1 - 801,806,39x.x1 cam, blue vending
 - 1 - 801,806,40x.x1 cam, gold adjustable
- Cam setting #1 or 2 notches.
Rear spacer set in hole #12.

Narrow Column Set-Up 1 deep

- 1 - 801,805,23x.x1 bottle shim, right (close to bottle)
 - 4 - 901,303,63x.x1 flat shim, long (close to wall)
 - 1 - 267,012,30x.x3 rod and spring assembly
 - 1 - 901,901,90x.x1 white tubing
 - 1 - 493,070,50x.x3 rear spacer assembly with bottle retainer extension
- Place rod with white tube, front in hole "C" and rear in hole "A" of rotor.
Cam setting #4 or 1 notch.
Rear spacer set in hole #12.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.