

Technical Bulletin

Bulletin Number: 451 Revision Number: R-21

Release Date: October 14, 1992 Revision Date: October 5, 1999

SUBJECT: MISCELLANEOUS WORLDWIDE PLASTIC BOTTLE SHIMMING IN T-MODEL VENDERS

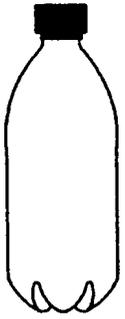
MODELS AFFECTED: All T-Model Venders.

REASON: To provide the shimming and set-up for various plastic bottles used Worldwide.

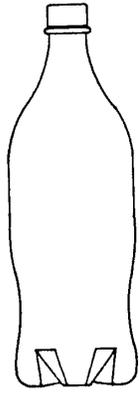
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PACKAGE SHAPE ILLUSTRATIONS



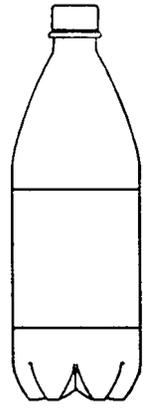
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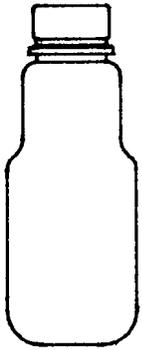
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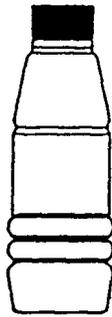
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4



5



6



7



8



9



10

11

PACKAGE DIMENSIONS

| Description | Package Size | Country/ Township | Shape | Height Inches (mm) | Diameter Inches (mm) |
|----------------------------------|--------------|----------------------|-------|-----------------------|-------------------------|
| Glaciar Water | 16 oz. | Argentina | 1 | 7.16" (181.6) | 2.83" (71.9) |
| Coca-Cola Contour | 500 ml | Australia | 2 | 8.86" (225) | 2.66" (67.6) |
| Coca-Cola Contour | 600 ml | Australia | 2 | 9.53" (242.1) | 2.86" (72.6) |
| Mount Franklin | 500 ml | Australia | 1 | 7.16" (181.9) | 2.80" (71.1) |
| Multi-Brand | 600 ml | Australia | 4 | 9.41" (239) | 2.86" (72.6) |
| Pepsi-Cola "Swirl" | 600 ml | Australia | 1 | 8.99" (228.3) | 2.82" (71.6) |
| Sprite | 600 ml | Australia | 2 | 9.54" (242.3) | 2.85" (72.4) |
| Straight Bottle | 500 ml | Australia | 4 | 8.69" (220.7) | 2.66" (67.6) |
| Diet Sprite | 16 oz. | Barbados | 1 | 6.77" (172) | 2.85" (72.4) |
| Tennis Ball Canister | 3 Pack | Canada | 10 | 8.40" (213.4) | 3.07" (78) |
| Naya Water | 12 oz. | Canada | 3 | 6.53" (165.9) | 2.46" (62.5) |
| Naya Water | 16.9 oz. | Canada | 3 | 8.56" (217.4) | 2.45" (62.2) |
| Pepsi-Cola | 473 ml | Costa Rica | 1 | 7.21" (183.1) | 2.92" (74.2) |
| Evian Water | 330ml/11.2oz | France | 3 | 6.35" (161.3) | 2.39" (60.7) |
| Evian Water | 50 cl | France | 3 | 8.82" (224) | 2.45" (62.2) |
| Tennis Ball Canister | 3 Pack | Mexico | 10 | 8.40" (213.4) | 3.07" (78) |
| Pureza Aga Water | 355 ml | Mexico | 3 | 7.10" (180.3) | 2.26" (57.4) |
| Coca-Cola Contour | 500 ml | Norway | 2 | 9.08" (230.6) | 2.53" (64.3) |
| All Sport | 500 ml | Puerto Rico | 8 | 6.70" (170.2) | 2.88" (73.2) |
| Coca-Cola Contour | 500 ml | Spain | 2 | 9.08" (230.6) | 2.53" (64.3) |
| Coca-Cola | 1 Liter | Spain | 4 | 10.92" (277.4) | 3.20" (81.3) |
| Coca-Cola Contour | 500 ml | United Kingdom | 2 | 8.93" (226.8) | 2.57" (65.3) |
| All Sport | 16 oz. | United States | 5 | 7.02" (178.3) | 2.82" (71.6) |
| All Sport | 20 oz. | United States | 5 | 8.18" (207.8) | 2.88" (73.2) |
| Aquafina Water (Wide Mouth) | 20 oz. | United States | 1 | 8.63" (219.2) | 2.86" (72.6) |
| Arrowhead Water | 16.9 oz. | United States | 3 | 8.00" (203.2) | 2.51" (63.8) |
| Avalon Water | 16.9 oz. | United States | 3 | 8.52" (216.4) | 2.45" (62.2) |
| Balsams Water | 16 oz. | United States | 6 | 7.25" (184.2) | 2.64" (67) |
| Calistoga Water | 16.9 oz. | United States | 3 | 8.00" (203.2) | 2.51" (63.8) |
| Castle Springs Water | 12 oz. | United States | 3 | 7.08" (179.8) | 2.32" (58.9) |
| Castle Springs Water | 16.9 oz. | United States | 3 | 7.97" (202.4) | 2.63" (66.8) |
| Coca-Cola | 16 oz. | United States | 1 | 7.2" (182.9) | 2.88" (73.2) |
| Coca-Cola Contour | 20 oz. | United States | 2 | 9.03" (229.4) | 2.86" (72.6) |
| Coca-Cola Contour | 1 Liter | United States | 2 | 10.51" (267) | 3.44" (87.4) |
| Coca-Cola Straight Wall (5 foot) | 20 oz. | United States | 1 | 8.0" (203.2) | 2.99" (75.9) |
| Crystal Light | 16 oz. | United States | 3 | 7.94" (201.7) | 2.55" (64.8) |
| Deer Park Water | 16.9 oz. | United States | 3 | 8" (203.2) | 2.51" (63.8) |
| Dr. Pepper (Angle) Bottle | 20 oz. | United States | 11 | 9.03" (229.4) | 2.89" (73.4) |
| Dr. Pepper (Straight Wall) | 20 oz. | United States | 1 | 8.15" (207) | 2.86" (72.6) |
| Evian Water | 330ml/11.2oz | United States | 3 | 6.35" (161.3) | 2.39" (60.7) |
| Evian Water | 16.9 oz. | United States | 3 | 8.74" (222) | 2.42" (61.5) |

PACKAGE DIMENSIONS

| Description | Package Size | Country/ Township | Shape | Height Inches (mm) | | Diameter Inches (mm) | |
|------------------------------------|--------------|----------------------|-------|-----------------------|---------|-------------------------|---------|
| Gatorade | 20 oz. | United States | 7 | 7.76" | (197.1) | 2.86" | (72.6) |
| Glenn Falls Water | 16 oz. | United States | 3 | 8.10" | (205.7) | 2.49" | (63.2) |
| Hinkley & Schmitt Water | 16.9 oz. | United States | 1 | 8.06" | (204.7) | 2.54" | (64.5) |
| Ice Mountain Water | 16.9 oz. | United States | 3 | 8.00" | (203.2) | 2.51" | (63.8) |
| LaCroix Water | 16.9 oz. | United States | 3 | 8.05" | (204.5) | 2.59" | (65.8) |
| Mistic "Sport Cap" | 20 oz. | United States | 7 | 9.24" | (234.7) | 2.81" | (71.4) |
| Mountain Valley Water | 12 oz. | United States | 3 | 7.26" | (184.4) | 2.31" | (58.7) |
| Mountain Valley Water | 16.9 oz. | United States | 3 | 8.15" | (207) | 2.60" | (66) |
| Mt. Shasta | 20 oz. | United States | 1 | 8.0" | (203.2) | 2.89" | (73.4) |
| Ozarka Water | 16.9 oz. | United States | 3 | 8.00" | (203.2) | 2.51" | (63.8) |
| Pepsi-Cola (4 foot bottom) | 16 oz. | Bennettsville, SC | 1 | 6.88" | (174.8) | 2.87" | (72.9) |
| Pepsi-Cola | 16 oz. | Lewiston, ID | 1 | 6.85" | (174) | 2.88" | (73.2) |
| Pepsi-Cola | 16 oz. | Washington State | 1 | 6.94" | (176.3) | 2.81" | (71.4) |
| Pepsi-Cola Fastbreak | 20 oz. | United States | 1 | 8.54" | (216.9) | 2.90" | (73.7) |
| Pepsi-Cola Fastbreak | 20 oz. | Birmingham, AL | 1 | 9.08" | (230.6) | 2.67" | (67.8) |
| Pepsi-Cola Quick Slam | 20 oz. | United States | 1 | 8.60" | (218.4) | 2.89" | (73.4) |
| Pepsi-Cola Quick Slam (wide mouth) | 20 oz. | United States | 1 | 8.79" | (223.3) | 2.88" | (73.2) |
| Pepsi-Cola (3 foot bottom) | 20 oz. | Goldsboro, NC | 1 | 8.05" | (204.5) | 2.93" | (74.4) |
| Pepsi Straight Wall (5 foot) | 20 oz. | United States | 1 | 8.0" | (203.2) | 2.99" | (75.9) |
| Pepsi-Cola (Wide Mouth) | 1 Liter | United States | 11 | 10.02" | (254.5) | 3.29" | (83.6) |
| Poland Spring Water | 12 oz. | United States | 3 | 7.07" | (179.6) | 2.32" | (58.9) |
| Poland Spring Water | 16.9 oz. | United States | 3 | 7.94" | (201.7) | 2.63" | (66.8) |
| Poland Spring Water | 490 ml | United States | 3 | 7.82" | (198.6) | 2.55" | (64.8) |
| Powerade | 20 oz. | United States | 7 | 7.74" | (196.6) | 2.86" | (72.6) |
| Pure American "Sport Cap" | 16.9 oz. | United States | 7 | 8.31" | (211.1) | 2.98" | (95.7) |
| Sprite | 20 oz. | United States | 1 | 9.06" | (230.1) | 2.89" | (73.4) |
| Sprite | 1Liter | United States | 1 | 9.60" | (243.8) | 3.47" | (88.14) |
| Straight Wall Bottle | 20 oz. | United States | 1 | 8.22" | (208.8) | 2.84" | (72.2) |
| Surge | 20 oz. | United States | 2 | 9.03" | (229.4) | 2.90" | (73.7) |
| Vermont Pure Water | 16.9 oz. | United States | 3 | 8.10" | (205.7) | 2.52" | (64) |
| VeryFine Chillers | 16 oz. | United States | 7 | 7.19" | (182.6) | 2.75" | (69.9) |
| Zephyrhills Water | 16.9 oz. | United States | 3 | 7.82" | (198.6) | 2.55" | (64.8) |
| Zephyrhills Water "Sport Cap" | 24 oz. | United States | 1 | 9.92" | (252) | 2.85" | (72.4) |

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.

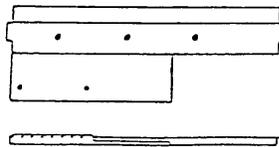
@ Where the symbol @ appears on the shim chart, place the 10-3/4 long (9/32"ID, 17/32"OD) white plastic tube over the rod.

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".

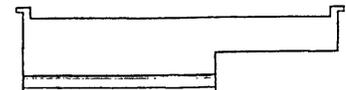
PARTS ILLUSTRATIONS



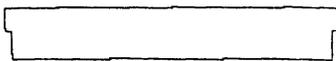
Flat Black Shim
801,901,860.21



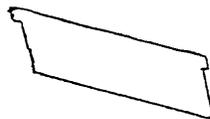
Can Stop Shim
497,070,130.83



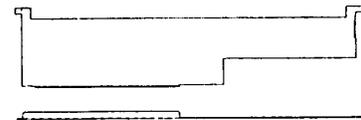
Bubble Shim, Right
361,010,080.43



Shim Back
474,040,060.03



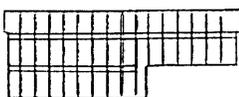
Flat Metal Shim
361,010,070.03



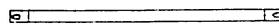
Bottle Shim
497,070,260.03



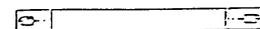
801,804,890.21 Right Ribbed Shim (not shown)



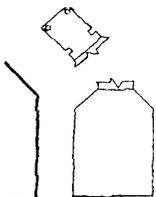
801,804,900.21 Left Ribbed Shim (shown)



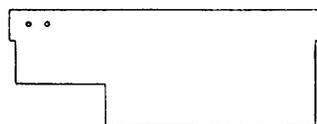
Mounting Strap
Columns 1 & 2



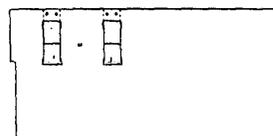
Mounting Strap
Column 3 Only



Large Product Sold-Out Paddle
432,070,270.03



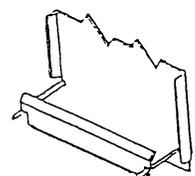
Flat Shim (Metal)
498,010,060.03



236,070,800.13
Large Product Shim Left (shown)



236,070,900.13
Large Product Shim Right (not shown)

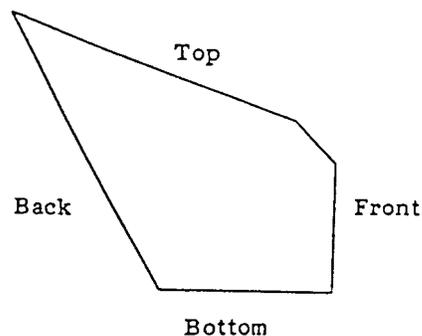
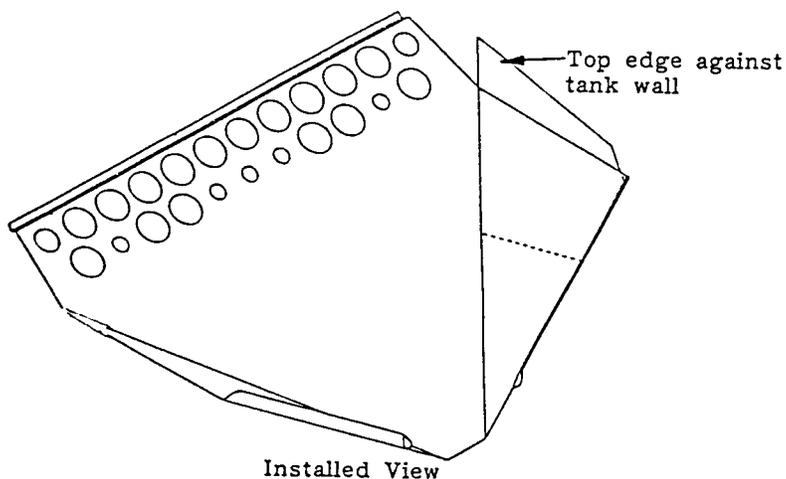


Formed Shim
361,010,110.03

CHUTE LINER EXTENSION (498,010,05x.x3) FOR T-MODEL VENDERS

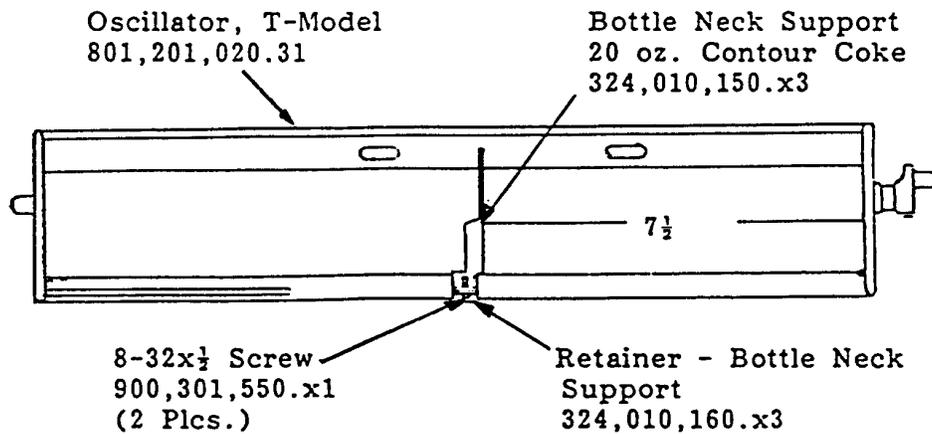
To install:

1. The chute liner extension will be positioned between the chute liner and the can/bottle chute (metal).
2. The chute liner and the can/bottle chute must be dry and clean for installation.
3. Before removing tape backing, place the chute liner extension in position to get an idea of how it will mount.
4. Remove chute liner extension.
5. Remove the tape backing from the tape on both sides of the chute liner extension.
6. Lift the can/bottle chute liner so the chute liner extension can be put in position.
7. Place chute liner extension in position so the top edge is against the vender tank wall.
8. Lay the chute liner extension in position on the can/bottle chute.
9. Let the can/bottle chute liner down so it rests on the chute liner extension.
10. Look and ensure the chute liner extension is in the position required.
11. Press the can/bottle chute liner against the can/bottle chute so the tape on both sides of the chute liner extension sticks to the liner chute.
12. Repeat steps 1 through 10 for opposite side.



BOTTLE NECK SUPPORT INSTALLATION:

1. Unplug the vender.
 2. Remove the can retainers from the oscillators.
 3. Install the bottle neck support using figure 1.
 4. Secure bottle neck support with two #8-32 x 1/2 sems screws.
 5. Load the bottles cap to cap.
- Important: Always load the front bottle first, then the rear bottle, so the caps overlap with the rear bottle's cap on top as shown in figures 3 or 4.



Oscillator with Bottle Neck Support
Figure 1

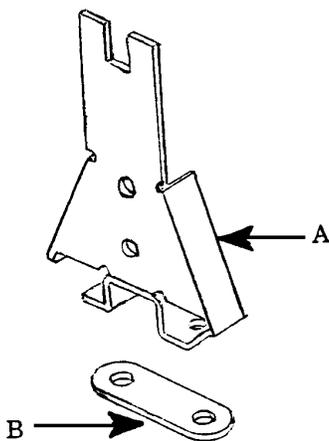


Figure 2

- A) Bottle Neck Support
Part #324,010,15x.x3
- B) Bottle Neck Support
Retainer
Part #324,010,16x.x3

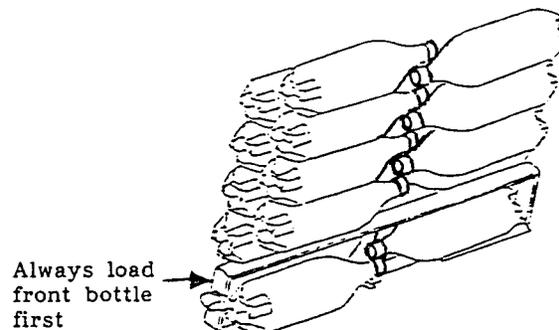


Figure 3

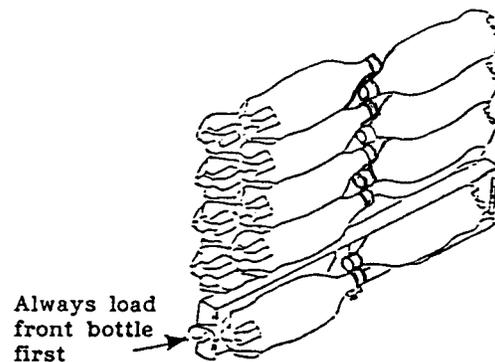


Figure 4

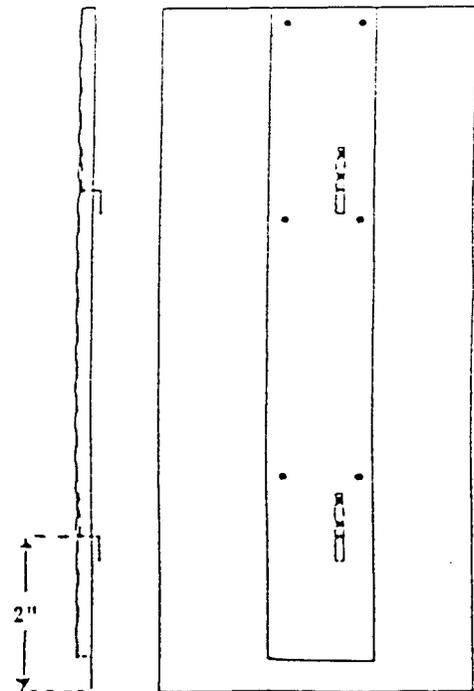
INSTALLATION OF COLUMN WALL KIT:

NARROW COLUMNS

1. Unplug the vender.
2. Remove any existing shims.
3. Move the rear spacers to the rear of each column.
4. Remove the center tie bar.
5. Take the narrow column wall kit and locate the "clips" which are welded to the back side of the wall. See figure below.
6. Place the narrow kit wall in the column so the "clips" are towards the right column wall.
7. Align the "clips" with the existing slots in the right side stack wall.

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

8. Press the wall in position and ensure the "clips" are seated in the slots.
9. Set the rear spacer in the proper position.
10. Reinstall the center tie bar removed in step 4.
11. If using a Pre-Series 90 T-Model vender, go to step 14.
12. Remove existing sold out paddle.
13. Install new sold out paddle (part #432,070,17x.x3) in Series 90 venders.
14. Set the cams in the proper position.
15. Load the product and test for proper vending.



EXTENDED DISCHARGE MEMBER INSTRUCTIONS:

1. Remove the nuts and bolts securing the discharge member to the delivery port.
2. Remove existing discharge member.
3. Install extended discharge member so holes B & D (see figure 1A or 1B) line up with the back holes in the delivery port (see figure 2).
4. Figure 2 shows what the set-up should now look like.
5. Secure with the nuts and bolts removed in step 1.

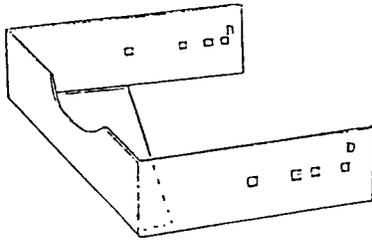


Figure 1A
Extended Discharge Member Narrow
493,051,100.04

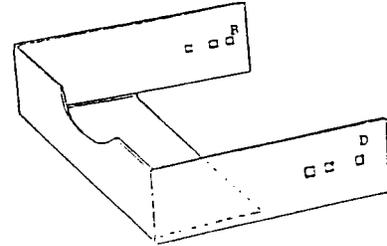


Figure 1B
Extended Discharge Member Wide
491,051,700.04 - for wide Coke Landscape, Pepsi Magnum Circular, &
Generic Circular Venders
491,051,900.04 - for All Full Length Sign Flat & Display Venders

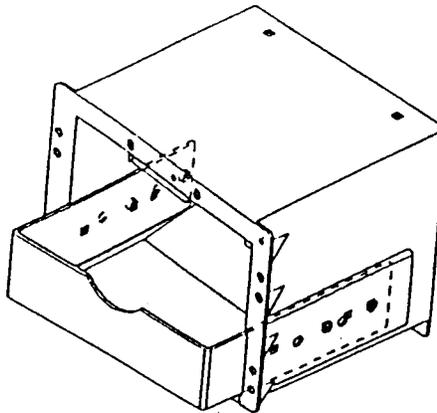


Figure 2

BOTTLE DIVIDER ASSEMBLY INSTALLATION:

NARROW COLUMN

Note: Only use bottle divider assembly with packages recommended by Dixie-Narco.

Parts needed per Narrow Column:

| | |
|----------------|-----------------------|
| 1 - see list | Assy., Bottle Divider |
| 609,072,30x.x3 | 501 "T" Models |
| 609,072,40x.x3 | 600 "T" Models |

To load package if column is sold-out:

1. Unhook spring clip ends "A" and "B" and remove Bottle Divider Assembly.
2. Load all the rear bottles with caps to the rear.
3. Hang Bottle Divider Assembly in position.
 - A. Place Bottle Divider Assembly in position with area "D" (see figure 1) towards the front as shown.
 - B. Spring clip end "A" (see figure 1) goes in the center hole "C" at the top of the narrow column wall on the left (see figure 2).
 - C. Spring clip end "B" (see figure 1) goes in the center hole at the top of the narrow column wall on the right (see figure 2).
4. Load all front bottles with caps to the rear.
5. Ensure gate strips are open.

To load package if column is partially full:

1. Unhook spring clip ends "A" and "B" (see figure 1) of Bottle Divider Assembly and lay bottle divider on top of the front bottles.
Important: Do not remove Bottle Divider Assembly from between packages still in column.
2. Load all rear bottles with caps to the rear.
3. Hang Bottle Divider Assembly in position.
 - A. Place the Bottle Divider Assembly in position as shown.
 - B. Spring clip end "A" (see figure 1) goes in the center hole at the top of the narrow column wall on the left (see figure 2).
 - C. Spring clip end "B" (see figure 1) goes in the center hole at the top of the narrow column wall on the right (see figure 2).
4. Load all front bottles with caps to the rear.
5. Ensure gate strips are open.

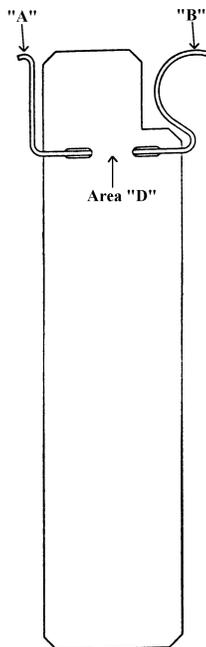


Figure 1
Bottle Divider Assembly
(front view when installed)

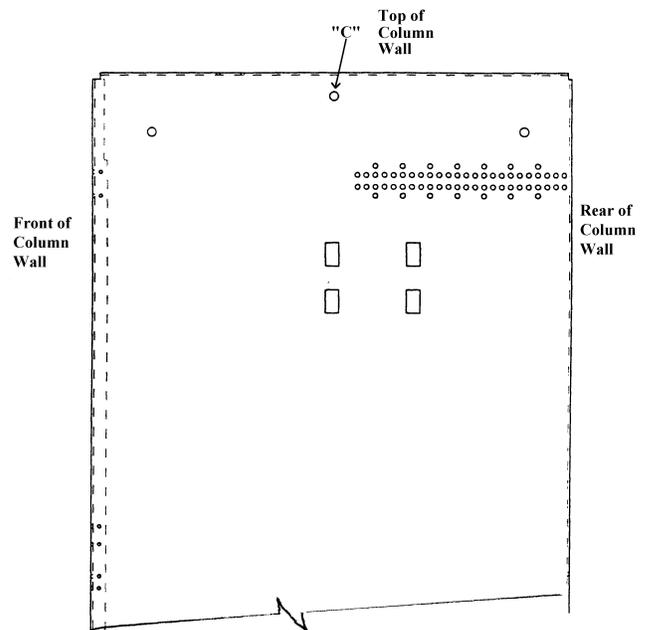


Figure 2
Narrow Column Wall
(side view of top half of column wall)

Use This Chart To "Set-Up" And "Shim" The T-Model Vender.
Pre-Series 90, Beginning S/N 0001-2775DI To 0001-3176AO.

PLASTIC BOTTLE

Wide Columns

All Columns

Narrow Columns

| PACKAGE DESCRIPTION & VENDERS APPROVED | COUNTRY | SEE PAGE(S) | LOADING DEPTH | PARTS PER COLUMN | CAM SETTING | CAM(S) REQ'D | REAR SPACER LOCATION | LOADING DEPTH | PARTS REQUIRED PER COLUMN | ROD IN | ROD IN | CAM SETTING | OTHER PARTS |
|--|-------------------------|-------------------|---------------|-----------------------------|-------------|--------------------|----------------------|---------------|---|-------------------|--------|-------------|-------------------------|
| 16 oz. Glaciar Water Plastic Bottle in Model 501T | Argentina | 2, 3, 5, & B1 | 2 | 1 right & left ribbed shim | 4 notches | 0 | Hole 21 | 2 | 1 rotor, wide 1 bottle shim, right | - | - | #2 | None |
| 500 ml "Mt. Franklin" PET Bottle in Model 600T | Australia | 2, 3, 5, & B1 | 2 | 1 right & left ribbed shim | 4 notches | - | Hole 22 | 2 | 1 bubble shim, right 1 rotor, wide | - | - | #2 | None |
| 16 oz. PET Diet Sprite Plastic Bottle in Model 501T | Barbados | 2, 3, 5, & B1 | 2 | 2 flat black shims | 4 notches | 0 | Hole 19 | 2 | 1 rotor, wide 1 bottle shim, right | - | - | #5 | None |
| 355 ml Pureza Aga, 12 oz. Naya Spring Water Plastic Bottle in Models 501 & 600 | Mexico Canada | 2, 3, 5, B1, & B2 | 0 | DO NOT VEND | - | - | Hole 21 | 2 | 1 rotor, wide 1 can stop shim, right | A | - | #3 | None |
| 330 ml Evian Natural Spring Water Plastic Bottle In Model 501T | France United States | 2, 3, 5, 8, & B2 | 0 | DO NOT VEND | - | - | Hole 17 | 2 | 1 rotor, narrow 1 w/a wall right | A* | C+ | #3 | None |
| 50 cl Evian Natural Spring Water Plastic Bottle In T-Models | France | 2, 3, & B2 | 0 | DO NOT VEND | - | - | Hole 6 | 1 | 1 rotor, wide No shims required | A* | B+ | #4 | None |
| 16 oz. "All Sport" Plastic Bottle in Model 501T | United States | 2, 3, 5, B2, & B3 | 2 | 2 flat black shims | 4 notches | 0 | Hole 21 | 2 | 1 bottle shim right & 2 shim back right 1 rotor, wide | Rear A Front B | - | #5 | None |
| 16 oz. Balsams Spring Water PET Bottle in Model 501T | United States | 2, 3, 5, 8, & B3 | 2 | 2 right & left ribbed shims | 4 notches | 0 | Hole 22 | 2 | 1 rotor, wide 1 w/a wall right, 1 bubble shim right | A* | B+ | #5 | None |
| 12 oz. Castle Springs & 12 oz. Poland Springs Water Plastic Bottle in T-Models | United States | 2, 3, 4, 5, & B3 | 0 | DO NOT VEND | - | - | Hole 21 | 2 | 1 rotor, wide 1 can stop shim right | A | - | #3 | None |
| 20 oz. Coca-Cola "Contour" Plastic Bottle in Models 501 & 600 | United States | 2, 3, 5, B3, & B4 | 1 | No shims | 2 notches | New Adjustable Cam | Hole 8 | 1 | 1 rotor, wide 1 flat shim, right | - | - | #4 | Can/ Bottle Chute |

@, +, and * see page 5.
NA = Not Applicable

Wide Columns

All Columns

Narrow Columns

| PACKAGE DESCRIPTION & VENDERS APPROVED | COUNTRY | SEE PAGE(S) | LOADING DEPTH | PARTS PER COLUMN | CAM SETTING | CAM(S) REQ'D | REAR SPACER LOCATION | LOADING DEPTH | PARTS REQUIRED PER COLUMN | ROD IN | ROD IN | CAM SETTING | OTHER PARTS |
|--|-------------------|---------------------|---------------|---|-------------|--------------------|----------------------|---------------|--------------------------------------|--------|--------|-------------|-------------------------|
| 20 oz. Coca-Cola & Pepsi-Cola (5 foot bottom) Plastic Bottle in Model 501T | United States | 2, 3, 4, 5, 7, & B4 | 1 | | 2 notches | New Adjustable Cam | Hole 5 | 1 | 1 rotor, wide No shims required | - | - | #4 | Can/ Bottle Chute |
| 16.9 oz. Evian Water Plastic Bottle in Model 501T | United States | 2, 3, 5, & B4 | - | WILL NOT VEND | - | - | Hole 7 | 1 | 1 shim back right 1 rotor, wide | A* | B+ | #4 | None |
| 16 oz. Pepsi "PET" Plastic Bottle in T-Models | Bennettsville, SC | 2, 4, 5, 6, & B4 | 2 | 2 chute liner extension | 4 notches | 0 | Hole 20 | 2 | 1 rotor, wide 1 bottle shim right | - | - | #5 | None |
| 16 oz. Pepsi-Cola PET Plastic Bottle in Model 501T | Lewiston, ID | 2, 4, 5, 6, & B5 | 2 | 2 chute liner extension | 4 notches | - | Hole 20 | 2 | 1 rotor, wide 1 bottle shim right | - | - | #5 | None |
| 16 oz. Pepsi-Cola PET Plastic Bottle in T-Models | Washington State | 2, 4, 5, 6, & B5 | 2 | 4 flat metal shims 2 chute liner extension | 4 notches | 0 | Hole 22 | 2 | 1 bottle shim right 1 rotor, wide | - | - | #5 | None |
| 490 ml Poland Spring Plastic Bottle in T-Models | United States | 2, 4, & B5 | 0 | DO NOT VEND | - | - | Hole 1 | 1 | 1 rotor, wide No shims required | A* | B+ | #4 | None |

@, +, and * see page 5.
NA = Not Applicable

INDIVIDUAL COLUMN SET-UP & SHIMMING
PRE-SERIES 90 T-MODELS SERIALIZED
0001-2775DI to 0001-3176AO

IMPORTANT: ALL PRE-SERIES 90 VENDERS HAVE THE 801,201,10x.x1 ROTOR FACTORY INSTALLED.

16 oz. PET "Glaciar Water" Plastic Bottle (Argentina) (In model 501T)

Wide Column Set-Up 2 deep

- 1 - 801,804,89x.x1 ribbed shim, right
- 1 - 801,804,90x.x1 ribbed shim, left
- Cam setting #1 or 4 notches.
- Rear spacer set in hole #21.

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 497,070,26x.x3 bottle shim, right
- Cam setting #2 or 2 notches.
- Rear spacer set in hole #21.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

500 ml "Mount Franklin" Plastic Bottle (Australia) (In model 600T)

Wide Column Set-Up 2 deep

- 1 - 801,804,89x.x1 ribbed shim, right
- 1 - 801,804,90x.x1 ribbed shim, left
- Cam setting #1 or 4 notches.
- Rear spacer set in hole #22.

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 361,010,08x.x3 bubble shim, right
- Cam setting #2 or 2 notches.
- Rear spacer set in hole #22.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz PET Diet Sprite Plastic Bottle (Barbados) (In model 501T)

Wide Column Set-Up 2 deep

- 2 - 801,804,96x.x1 flat black shim (1 each side)
- Cam setting #1 or 4 notches.
- Rear spacer set in hole #19.

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 497,070,26x.x3 bottle shim, right
- Cam setting #5 or 2 notches.
- Rear spacer set in hole #19.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

355 ml Pureza Aga Water Plastic Bottle (Mexico) (In model 501T)

12 oz Naya Spring Water Plastic Bottle (Canada) (In all T-models)

Wide Column Set-Up

DO NOT VEND

**355 ml Pureza Aga Water Plastic Bottle (Mexico) (In model 501T)
12 oz Naya Spring Water Plastic Bottle (Canada) (In all T-models)**

Continued

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 497,070,13x.x3 can stop shim, right
- 1 - 361,010,10x.x3 rod and spring assembly

Place rod in hole "A" of rotor.

Cam setting #3 or 2 notches.

Rear spacer set in hole #21.

330 ml Evian Natural Spring Water Plastic Bottle (France & United States) (In model 501T)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 2 deep

- 1 - 801,201,15x.x1 rotor, narrow
- 1 - 497,010,90x.x3 w/a wall right (501T)
- 2 - 361,010,10x.x3 rod & spring assembly
- 1 - 901,902,00x.x1 red tubing, long
- 1 - 901,902,60x.x1 red tubing, short
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,59x.x1 yellow tubing, short

Place one rod with long and short red tubing in hole "C" of rotor.

Place one rod with long and short yellow tubing in hole "A" of rotor.

Cam setting #3 or 2 notches.

Rear spacer set in hole #17.

***Important: If a center tie bar is on vender, it must be removed to install walls and replaced before vending.**

50 cl Evian Water Plastic Bottle (France) (In all T-models)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 1 deep

No shims.

- 1 - 801,201,10x.x1 rotor, wide
- 2 - 361,010,10x.x3 rod and spring assembly
- 1 - 901,902,00x.x1 red tubing, long
- 1 - 901,901,95x.x1 yellow tubing, long

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

Place one rod with red tube in hole "B" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #6.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz "All Sport" Plastic Bottle (United States) (In all T-models)

Wide Column Set-Up 2 deep

- 2 - 801,901,86x.x1 flat black shim (1 each side)

Cam setting #1 or 4 notches.

Rear spacer set in hole #21.

Load product cap to heel in wide columns.

16 oz "All Sport" Plastic Bottle (United States) (In all T-models)

Continued

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 497,070,26x.x3 bottle shim, right
- 1 - 361,010,10x.x3 rod & spring assembly
- 2 - 474,040,06x.x3 shim back (2 per right side in front of bottle shim)

Place rod in hole "A" rear and hole "B" front of rotor.

Cam setting #5 or 2 notches.

Rear spacer set in hole #21.

Load product cap to heel in narrow columns.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz. Balsams Spring Water Plastic Bottle (United States) (In model 501T)

Wide Column Set-Up 2 deep

- 2 - 801,804,89x.x1 ribbed shim, right
- 2 - 801,804,90x.x1 ribbed shim, left

Cam setting #1 or 4 notches.

Rear spacer set in hole #22.

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 498,010,70x.x3 w/a wall right, 16 oz. PET (501T)
- 1 - 361,010,08x.x3 bubble shim, right (install in front of wall)
- 2 - 361,010,10x.x3 rod and spring assembly
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,00x.x1 red tubing, long

Place one rod with red tubing in hole "B" of rotor.

Place one rod with yellow tubing in hole "A" of rotor.

Cam setting #5 or 2 notches.

Rear spacer set in hole #22.

IMPORTANT: Center tie bar must be removed to install wall and must be replaced before vending.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

12 oz Poland Spring Water Plastic Bottle (In all T-models)

12 oz Castle Springs Water Plastic Bottle (In all T-models)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 497,070,13x.x3 can stop shim, right
- 1 - 361,010,10x.x3 rod and spring assembly

Place rod in hole "A" of rotor.

Cam setting #3 or 2 notches.

Rear spacer set in hole #21.

20 oz. Coca-Cola Contour Plastic Bottle (United States) (In models 501 & 600)

Wide Column Set-Up 1 deep

No shims required.

- 1 - 801,804,46x.x1 flat cam black (1 per motor)

Cam setting #1 or 2 notches.

Rear spacer set in hole #8.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz. Coca-Cola Contour Plastic Bottle (United States) (In models 501 & 600)

Continued

Narrow Column Set-Up 1 deep

- 1 - 361,010,07x.x3 flat metal shim, right
- Cam setting #4 or 1 notch.
- Rear spacer set in hole #8.

20 oz Coca-Cola Plastic Straight Wall Bottle {5 footed bottom} (United States) (In model 501T)

20 oz Pepsi-Cola Plastic Bottle {5 footed bottom} (United States) (In model 501T)

Wide Column Set-Up 1 deep

- No shims required.
- 1 - 801,804,46x.x1 flat adjustable cam, black (1 per motor)
- Cam setting 2 notches.
- Rear spacer set in hole #5.

Narrow Column Set-Up 1 deep

- No shims required.
- 1 - 801,201,10x.x1 rotor, wide
- Cam setting #4 or 1 notch.
- Rear spacer set in hole #5.
- SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 oz Evian Water Plastic Bottle (United States) (In model 501T)

Wide Column Set-Up

WILL NOT VEND.

Narrow Column Set-Up 1 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 474,040,06x.x3 shim back, right
- 2 - 361,010,10x.x3 rod and spring assembly
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,59x.x3 yellow tubing, short
- 1 - 901,902,00x.x1 red tubing, long
- 1 - 901,902,60x.x3 red tubing, short
- Place one rod with long & short red tubing in hole "B" of rotor.
- Place on rod with long & short yellow tubing in hole "A" of rotor.
- Cam setting #4 or 1 notch.
- Rear spacer set in hole #7.
- Remove can retainers (triangles) from oscillator.
- SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz Pepsi "PET" Plastic Bottle (Bennettsville, South Carolina) (In all T-models)

Wide Column Set-Up 2 deep

- 2 - 498,010,05x.x3 chute liner extension (2 per vender)
- No shims required.
- Cam setting #1 or 4 notches.
- Rear spacer set in hole #20.

Narrow Column Set-Up 2 deep

- 1 - 801,201,10x.x1 rotor, wide
- 1 - 497,070,26x.x3 bottle shim, right
- Cam setting #5 or 2 notches.
- Rear spacer set in hole #20.
- SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz PET Pepsi Plastic Bottle (Lewiston, Idaho) (In model 501T)

Wide Column Set-Up 2 deep

2 - 498,010,05x.x3 chute liner extension (2 per vender)

No shims required.

Cam setting #1 or 4 notches.

Rear spacer set in hole #20.

Narrow Column Set-Up 2 deep

1 - 801,201,10x.x1 rotor, wide

1 - 497,070,26x.x3 bottle shim, right

Cam setting #5 or 2 notches.

Rear spacer set in hole #20.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz Pepsi Plastic Bottle (Washington State) (In all T-models)

Wide Column Set-Up 2 deep

4 - 361,010,07x.x3 flat metal shim (2 each side)

2 - 498,010,05x.x3 chute liner extension (2 per vender)

Cam setting #1 or 4 notches.

Rear spacer set in hole #22.

Narrow Column Set-Up 2 deep

1 - 801,201,10x.x1 rotor, wide

1 - 497,070,26x.x3 bottle shim, right

3 - 474,040,06x.x3 shim back, right (install behind bottle shim)

Cam setting #5 or 2 notches.

Rear spacer set in hole #22.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

490 ml Poland Spring Water Plastic Bottle (In all T-models)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 1 deep

No shims.

1 - 801,201,10x.x1 rotor, wide

2 - 361,010,10x.x3 rod & spring assembly

1 - 901,902,00x.x1 red tubing, long

1 - 901,901,95x.x1 yellow tubing, long

Place one rod with yellow tubing in hole "A" of rotor.

Place one rod with red tubing in hole "B" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #15.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Use This Chart To "Set-Up" And "Shim" The T-Model Vender.
Series 90, Beginning S/N 0001-3176ao And Up.

PLASTIC BOTTLE

Wide Columns

All Columns

Narrow Columns

| PACKAGE DESCRIPTION & VENDERS APPROVED | COUNTRY | SEE PAGE(S) | LOADING DEPTH | PARTS PER COLUMN | CAM SETTING | CAM(S) REQ'D | REAR SPACER LOCATION | LOADING DEPTH | PARTS REQUIRED PER COLUMN | ROD IN | ROD IN | CAM SETTING | OTHER PARTS |
|--|------------------------|-------------------|---------------|--|-------------|----------------|----------------------|---------------|---|--------|--------|-------------|-------------------------|
| 16 oz. PET Glaciar Water PET Bottle in Model 501T | Argentina | 2, 3, 5, & D1 | 2 | 1 right & left ribbed shims | 4 notches | Green/ Gold | Hole 21 | 2 | 1 rotor, wide 1 bubble shim right | - | - | #2 | None |
| 500 ml Coca-Cola "Contour" Bottle in Models 500T & 600T | Australia | 2, 3, 5, & D1 | 1 | 2 right & left ribbed shims | 2 notches | Blue/ Gold | Hole 7 | 1 | 1 rotor, wide 2 flat shims right | A | - | #4 | Can/ Bottle Chute |
| 600 ml Coca-Cola Contour, 600 ml Multi-Brand, & 600 ml Sprite Plastic Bottle in Models 501 & 600 | Australia | 2, 3, 5, & D3 | 1 | 2 flat black shims | 2 notches | Blue/ Gold | Hole 9 | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |
| 500 ml "Mt. Franklin" PET Bottle in Model 600T | Australia | 2, 3, 5, D1, & D2 | 2 | 1 right & left ribbed shim | 4 notches | Green/ Gold | Hole 22 | 2 | 1 rotor, wide 1 bubble shim right | - | - | #2 | None |
| 600 ml PET Pepsi-Cola "Swirl" Bottle in Models 501 & 600 | Australia | 2, 3, 5, & D2 | 1 | 2 flat black shims | 2 notches | Blue/ Gold | Hole 7 | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |
| 500 ml Straight Plastic Bottle in Model 501T | Australia | 2, 3, 5, & D2 | 1 | 2 right & left ribbed shims, 2 flat shims | 2 notches | Blue/ Gold | Hole 7 | 1 | 1 metal shim right, 1 rotor, wide | A+ | C* | #4 | None |
| 16 oz. PET Diet Sprite Plastic Bottle in Model 501T | Barbados | 2, 3, 5, & D3 | 2 | 2 flat black shims | 4 notches | Green/ Gold | Hole 19 | 2 | 1 rotor, wide 1 bottle shim right | - | - | #5 | None |
| 3 Tennis Ball Plastic Canister in Model 522T | Canada & Mexico | 2, 3, & D3 | 1 | No shims | 2 notches | Blue/ Gold | Hole 7 | NA | NA | NA | NA | NA | None |
| 355 ml Pureza Aga, 12 oz. Naya Spring Water Plastic Bottle in Models 501 & 600 | Mexico & Canada | 2, 3, 5, & D3 | 0 | DO NOT VEND | - | - | Hole 21 | 2 | 1 rotor, wide 1 can stop shim right | A | - | #3 | None |
| 16.9 oz. Naya and 16.9 oz. Avalon Water Plastic Bottle in Model 501T | Canada & United States | 2, 3, 5, & D4 | 1 | 2 right & left ribbed shims 2 flat shims | 2 notches | Blue/ Gold | Hole 6 | 1 | 1 rotor, wide 1 flat shim right | A* | B+ | #4 | None |
| 437 ml Pepsi-Cola Plastic Bottle in Model 501T | Costa Rica | 2, 3, 5, & D4 | 2 | No shims | 4 notches | Green/ Gold | Hole 22 | 2 | 1 bottle shim, 1 rotor, wide | - | - | #5 | None |

@, +, and * see page 5.
NA = Not Applicable

Wide Columns

All Columns

Narrow Columns

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|--|------------------------|------------------|---------------|--|-------------|----------------|---------------------------------------|---------------|--|-------------------------|--------|-------------|------------------------------------|
| 330 ml Evian Natural Spring Water Plastic Bottle in T-models | France & United States | 2, 3, 5, 8, & D4 | 0 | DO NOT VEND | - | - | Hole 17 | 2 | 1 rotor, wide 1 sold out paddle 1 w/a wall right | A* | C+ | #3 | None |
| 50 cl Evian Natural Spring Water Plastic Bottle in T-models | France | 2, 3, & D5 | 0 | DO NOT VEND | - | - | Hole 6 | 1 | 1 rotor, wide | A* | B+ | #4 | None |
| 500 ml "All Sport" Plastic Bottle in T-Models | Puerto Rico | 2, 3, 5, & D5 | 1 | 2 flat black shims | 2 notches | Blue/ Gold | Wide: Hole 4 Narrow: Hole 20 | 2 | 1 rotor, wide 1 bubble shim, right 1 shim back right | Rear A Front C | - | #2 | None |
| 500 ml Coca-Cola "Contour" Plastic Bottle in Model 501T | Norway & Spain | 2, 3, 5, & D5 | 1 | 2 right & left ribbed shims | 2 notches | Blue/ Gold | Hole 8 | 1 | 1 rotor, narrow | - | - | #4 | None |
| 1 Liter PET Coca-Cola Bottle in Model 522T Circular | Spain | 2, 3, 9, & D6 | 1 | 1 large product oscillator | 2 notches | Blue/ Gold | Hole 13 | NA | NA | NA | NA | NA | Discharge Member, Can/Bottle Chute |
| 500 ml Coca-Cola "Contour" Bottle in Model 522T | United Kingdom | 2, 3, 5, & D6 | 1 | 2 right & left ribbed shims | 2 notches | Blue/ Gold | Hole 7 | NA | NA | NA | NA | NA | Can/ Bottle Chute |
| 16 oz. "All Sport" Plastic Bottle in T-Models | United States | 2, 3, 5, & D6 | 2 | 2 flat black shims | 4 notches | Green/ Gold | Hole 20 | 2 | 1 rotor, wide 1 bottle shim, right 2 shim backs right | Rear A Front B | - | #5 | None |
| 20 oz. "All Sport" Plastic Bottle in all T-Models | United States | 2, 3, 5, & D7 | 1 | 2 flat black shims | 2 notches | Blue/ Gold | Hole 6 | 1 | 1 rotor, wide No shims required | - | - | #4 | None |
| 20 oz. Aquafina "Wide Mouth" PET Bottle & 20 oz. Pepsi-Cola "Wide Mouth" Quick Slam Plastic Bottle in Models 501 & 630 | United States | 2, 3, 4, 5, & D7 | 1 | 1 right & left ribbed shim | 2 notches | Blue/ Gold | Hole 7 | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |
| 16 oz. Balsams Spring Water PET Bottle in Model 501T | United States | 2, 3, 5, 8, & D7 | 2 | 2 flat black and 2 right & left ribbed shims | 4 notches | Green/ Gold | Hole 23 | 2 | 1 formed shim right, 1 rotor, wide 1 bubble shim right | - | - | #3 | None |

@, +, and * see page 5.
NA = Not Applicable

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|---|---------------|----------------------|---------------|--|-------------|---------------|--|---------------|--|--------|--------|-------------|---|
| 12 oz. Castle Springs & 12 oz. Poland Spring Water Plastic Bottle in T-Models | United States | 2, 3, 4, 5, D7, & D8 | 0 | DO NOT VEND | - | - | Hole 21 | 2 | 1 rotor, wide 1 can stop shim right | A | - | #3 | None |
| 16 oz. Coca-Cola Plastic Bottle in Models 501, 522, & 600 | United States | 2, 3, & D8 | 2 | 2 flat shims | 4 notches | Green/Gold | Hole 21 | 2 | 1 rotor, wide 1 bottle shim right | - | - | #5 | None |
| 20 oz. Surge, 20 oz. Sprite, & 20 oz. Coca-Cola "Contour" Plastic Bottle in T-Models | United States | 2, 3, 4, 5, 7, & D8 | 2 | 1 large product sold out paddle, 1 bottle neck support & retainer, mounting straps | 4 notches | White | Wide: Ultimate depth rear spacer Narrow: Hole 8 | 1 | 1 flat shim, right 1 rotor, wide | - | - | #4 | Can/ Bottle Chute for Coke only |
| 1 Liter Sprite Plastic Bottle in Models 630T, 600T, & 522T | United States | 2, 4, 5, 9, & D9 | 1 | 1 large product oscillator, 1 large product sold out paddle, 1 right & left w/a shim | 2 notches | Blue/Gold | Hole 9 | - | WILL NOT VEND | - | - | - | Can/ Bottle Chute, Rear spacer support, Discharge member |
| 20 oz. Coca-Cola and Pepsi-Cola Plastic Bottle in all T-Models | United States | 2, 3, 4, & D10 | 2 | 1 bottle neck support & retainer | 4 notches | White | Wide: Hole 23 Narrow: Pepsi: Hole 5 Coke: Hole 8 | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |
| 1 Liter Coca-Cola Contour Plastic Bottle in Models 522T & 630T | United States | 2, 3, 5, 9, & D9 | 1 | 1 large product oscillator, 1 large product sold out paddle, 1 right & left w/a shim | 2 notches | Blue/ Gold | Hole 11 | NA | NA | NA | NA | NA | Tie strip, Can/ Bottle Chute, Rear spacer support, discharge member |
| 16 oz. Crystal Light, 16.9 oz. Poland Spring, & 16.9 oz. LaCroix Water Bottle in Model 501T | United States | 2, 3, 4, 5, & D10 | 1 | 2 right & left ribbed shims, 2 flat shims | 2 notches | Blue/ Gold | Hole 5 | 1 | 1 rotor, narrow | - | - | #4 | None |

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All Columns

Narrow Columns

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|--|---------------|----------------------------|---------------|---|-------------|---------------|--|---------------|--|--------|--------|-------------|--------------------------|
| 16.9 oz. Poland Spring, 16.9 oz. Calistoga, 16.9 oz. Ozarka, 16.9 oz. Zephyrhills, 16.9 oz. Ice Mountain, 16.9 oz. Arrowhead, 16.9 oz. Deer Park Water Plastic Bottle in Model 501T | United States | 2, 3, 4, 5, 7, & D11 | 2 | 1 right & left ribbed shim, 8 shim backs, 2 flat metal shims, 1 bottle neck support | 4 notches | White | Wide: Hole 23 Narrow: Hole 5 | 1 | 1 rotor, narrow | - | - | #4 | Chute with Extensions |
| 20 oz. Dr. Pepper Angle (Proprietary) Bottle in all T-Models | United States | 2, 3, 7, & D11 | 2 | 1 bottle neck support & retainer | 4 notches | White | Hole 23 | NA | NA | NA | NA | NA | NA |
| 20 oz. Mystic Sport Plastic Bottle in Model 501T | United States | 2, 4, 5, & D11 | 1 | 1 right & left ribbed shim | 2 notches | Blue/ Gold | Hole 8 | 0 | NA | NA | NA | NA | Can/ Bottle Chute |
| 20 oz. Mt. Shasta PET, 20 oz. Dr. Pepper PET, and 20 oz. Plastic Bottle in Model 522 | United States | 2, 3, 4, 7, & D12 | 2 | 1 bottle neck support & retainer | 4 notches | White | Wide: Hole 23 Narrow: Hole 5 DP Hole 6 | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |
| 16.9 oz. Evian Water Plastic Bottle in Model 501T | United States | 2, 3, 5, & D12 | 0 | DO NOT VEND | - | - | Hole 7 | 1 | 1 shim back right | A* | B+ | #4 | None |
| 20 oz. PET Gatorade Bottle in Models 501T & 600T | United States | 2, 4, 5, & D12 | 2 | 2 flat black shims | 4 notches | White | Top Hole: 23 Bottom: Maximum Depth | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |
| 16 oz. PET Glen Falls Water Bottle in Model 501T | United States | 2, 4, 5, & D13 | 1 | 2 right & left ribbed shims, 2 flat shims | 2 notches | Blue/ Gold | Hole 6 | 1 | 1 rotor, wide 1 flat shim, right | A* | B+ | #4 | None |
| 16.9 oz. Hinkley & Schmitt Straight Wall Bottle in Models 501 & 600 | United States | 2, 4, 5, & D13 | 1 | 2 right & left ribbed shims, 2 flat black shims | 2 notches | Blue/ Gold | Hole 5 | 1 | 1 rotor, narrow | - | - | #4 | None |

@, +, and * see page 5.
NA = Not Applicable

Wide Columns

All Columns

Narrow Columns

| PACKAGE DESCRIPTION & VENDERS APPROVED | COUNTRY | SEE PAGE(S) | LOADING DEPTH | PARTS PER COLUMN | CAM SETTING | CAM(S) REQ'D | REAR SPACER LOCATION | LOADING DEPTH | PARTS REQUIRED PER COLUMN | ROD IN | ROD IN | CAM SETTING | OTHER PARTS |
|--|--------------------------------|-------------------|---------------|--|-------------|----------------|---|---------------|---|--------|--------|-------------|----------------------|
| 12 oz. Mountain Valley Spring Water Bottle in Model 501T | United States | 2, 4, 5, & D13 | 0 | DO NOT VEND | - | - | Hole 22 | 2 | 1 rotor, narrow 1 bottle shim, right | - | - | #3 | None |
| 16.9 oz. Mountain Valley Water Plastic Bottle in Models 501T & 630T | United States | 2, 4, 5, 7, & D14 | 2 | 1 bottle neck support, 1 right & left ribbed shim, 6 shim backs, 2 flat metal shims | 4 notches | White | Wide: Hole 23 Narrow: Hole 5 | 1 | 1 rotor, narrow | - | - | #4 | None |
| 16 oz. Pepsi –Cola PET Plastic Bottle in T-Models | Bennettsville, SC | 2, 4, 5, 6, & D14 | 2 | 2 chute liner extensions | 4 notches | Green/ Gold | Hole 20 | 2 | 1 rotor, wide 1 bottle shim right | - | - | #5 | None |
| 16 oz. Pepsi-Cola PET in models 501T | Lewiston, ID | 2, 4, 5, 6, & D14 | 2 | 2 chute liner extensions | 4 notches | Green/ Gold | Hole 20 | 2 | 1 rotor, wide 1 bottle shim right | - | - | #5 | None |
| 16 oz. Pepsi-Cola PET Plastic Bottle in T-Models | Washington State | 2, 4, 5, & D15 | 2 | 4 flat metal shims, 2 chute liner extensions | 4 notches | Green/ Gold | Hole 22 | 2 | 1 bottle shim right | - | - | #5 | None |
| 20 oz. Pepsi-Cola "Fast Break" & Quick Slam Plastic Bottle in T-Models | United States | 2, 4, 5, 7, & D15 | 2 | Mounting straps, w/a rear spacer, 1 bottle neck support & retainer, large product sold out paddle | 4 notches | White | Wide: Ultimate depth rear spacer Narrow: Hole #8 | 1 | 1 rotor, wide 1 flat shim, right | - | - | #4 | Can/ Bottle Chute |
| 20 oz. Pepsi-Cola "Fast Break" Plastic Bottle in Model 522T | Birmingham, AL | 2, 4, 5, & D15 | 1 | 2 right & left ribbed shims | 2 notches | Blue/ Gold | Hole #8 | NA | NA | NA | NA | NA | Can/ Bottle Chute |
| 20 oz. Nestea (Straightwall), 20 oz Pepsi-Cola (3 section bottom) Plastic Bottle in All T-Models | United States Goldsboro, NC | 2, 4, 7, & D16 | 2 | 1 bottle neck support & retainer | 4 notches | White | Wide: Hole 23 Narrow: Hole 5 | 1 | 1 rotor, wide | - | - | #4 | Can/ Bottle Chute |

@, +, and * see page 5.
NA = Not Applicable

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| PACKAGE DESCRIPTION & VENDERS APPROVED | COUNTRY | SEE PAGE(S) | LOADING DEPTH | PARTS PER COLUMN | CAM SETTING | CAM(S) REQ'D | REAR SPACER LOCATION | LOADING DEPTH | PARTS REQUIRED PER COLUMN | ROD IN | ROD IN | CAM SETTING | OTHER PARTS |
|---|---------------|-------------------|---------------|--|-------------|--------------|--|---------------|---|--------|--------|-------------|---|
| 1 Liter PET Pepsi-Cola "Wide Mouth" Big Slam in Models 522T & 630T | United States | 2, 4, 5, 9, & D16 | 1 | 1 large product oscillator, 1 large product sold out paddle, 1 right & left w/a shim | 2 notches | Blue/ Gold | Hole 11 | NA | NA | NA | NA | NA | Tie strip, Can/ Bottle Chute, Rear spacer support, Discharge Member |
| 490 ml Poland Spring Plastic Bottle in T-Models | United States | 2, 4, & D17 | 0 | DO NOT VEND | - | - | Hole 1 | 1 | 1 rotor, wide | A* | B+ | #4 | None |
| 20 oz. Powerade Plastic Bottle in T-Models | United States | 2, 4, 5, & D17 | 2 | W/a rear spacer, 2 flat black shims, 1 oscillator paddle extension | 4 notches | White | Wide: Hole 23 Narrow: Hole 4 | 1 | 1 rotor, wide | - | - | #4 | None |
| 20 oz. Pure American Water Bottle in T-Models | United States | 2, 4, 5, 7, & D18 | 2 | 2 flat shims, 1 bottle neck support & retainer, 1 large product sold out paddle | 4 notches | White | Wide: Hole 23 Narrow: Hole 6 | 1 | 1 rotor, wide | - | - | #4 | None |
| 16.9 oz. Zephyrhills Water, 16.9 oz. Vermont Pure Water, & 16.9 oz. Castle Springs Water Plastic Bottle in Models 501 & 600 | United States | 2, 3, 4, 5, & D17 | 1 | 2 right & left ribbed shims, 2 flat shims | 2 notches | Blue/ Gold | Vermont Pure & Zephyrhills: Hole 6 Castle Springs: Hole 5 | 1 | 1 rotor, narrow | - | - | #4 | None |
| 16 oz. VeryFine Chillers Plastic Bottle in Model 501T | United States | 4, 5, 10, & D18 | 2 | 1 right & left ribbed shims | 4 notches | Green/ Gold | Hole 21 | 2 | 1 rotor, narrow 1 bottle shim, right 1 bottle divider assy. | C | - | #2 | None |
| 24 oz. Zephyrhills Water Sport Cap Bottle in Models 501T & 522T | United States | 2, 4, 5, & D18 | 1 | 1 right & left ribbed shims | 2 notches | Blue/ Gold | Hole 10 | 1 | 1 hole plug rear spacer | - | - | 4 | None |

@, +, and * see page 5.
NA = Not Applicable

INDIVIDUAL COLUMN SET-UP & SHIMMING
SERIES 90 T-MODELS SERIALIZED
0001-3176AO and UP

IMPORTANT: VENDERS SERIALIZED 0001-6090CQ AND HIGHER HAVE THE 801,201,23x.x1 TRIPLE DEPTH CAN ROTOR FACTORY INSTALLED.

16 oz PET "Glaciari Water" Plastic Bottle (Argentina) (In model 501T)

Wide Column Set-Up 2 deep

- 1 - 801,804,89x.x1 right ribbed shim
 - 1 - 801,804,90x.x1 left ribbed shim
 - 1 - 801,806,41x.x1 vend cam, green
 - 1 - 801,806,40x.x1 adjustable cam, gold
- Cam setting #1 or 4 notches.
Rear spacer set in hole #21.

Narrow Column Set-Up 2 deep

- 1 - 801,201,22x.x1 rotor, wide
 - 1 - 361,010,08x.x3 bubble shim, right
- Cam setting #2 or 2 notches.
Rear spacer set in hole #21.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

500 ml Coke Contour Bottle (Australia) (In models 501T & 600T)

Wide Column Set-Up 1 deep

- 2 - 801,804,89x.x1 right ribbed shim
 - 2 - 801,804,90x.x1 left ribbed shim
 - 1 - 801,806,39x.x1 vend cam, blue
 - 1 - 801,806,40x.x1 adjustable cam, gold
 - 1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)
- Cam setting #1 or 2 notches.
Rear spacer set in hole #7.
Remove can retainers (triangles) from oscillator.
Install the can/bottle chute.

Narrow Columns Set-Up 1 deep

- 1 - 361,010,10x.x3 rod & spring assembly
- 2 - 361,010,07x.x3 flat shim, right
- 1 - 801,201,22x.x1 rotor, wide

Place rod in hole A of rotor.
Cam setting #4 or 1 notch.
Rear spacer set in hole #7.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

500 ml "Mount Franklin" Plastic Bottle (Australia) (In model 600T)

Wide Column Set-Up 2 deep

- 1 - 801,804,89x.x1 right ribbed shim
 - 1 - 801,804,90x.x1 left ribbed shim
 - 1 - 801,806,41x.x1 vend cam, green
 - 1 - 801,806,40x.x1 adjustable cam, gold
- Cam setting #1 or 4 notches.
Rear spacer set in hole #22.

500 ml "Mount Franklin" Plastic Bottle (Australia) (In model 600T)

Continued

Narrow Column Set-Up 2 deep

1 - 361,010,08x.x3 bubble shim, right

1 - 801,201,22x.x1 rotor, wide

Cam setting #2 or 2 notches.

Rear spacer set in hole #22.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

600 ml PET Pepsi "Swirl" Bottle (Australia) (In models 501 & 600)

Wide Column Set-Up 1 deep

2 - 801,901,86x.x1 flat black shim (1 each side)

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

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

1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting #1 or 2 notches.

Rear spacer set in hole #7.

Narrow Column Set-Up 1 deep

No shims required.

1 - 801,201,22x.x1 rotor, wide

Cam setting #4 or 1 notch.

Rear spacer set in hole #7.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

500 ml Straight Plastic Bottle (Australia) (In models 501T & 600T)

Wide Column Set-Up 1 deep

2 - 801,804,89x.x1 right ribbed shim

2 - 801,804,90x.x1 left ribbed shim

2 - 801,901,86x.x1 flat shim (1 each side)

1 - 324,000,06x.x3 chute divider (1 per vender)

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

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

Cam setting #1 or 2 notches.

Rear spacer set in hole #7.

Remove can retainers (triangles) from oscillator.

Narrow Column Set-Up 1 deep

1 - 801,201,22x.x1 rotor, wide

1 - 361,010,11x.x3 metal shim, 16 oz. bottle (1 per right side)

2 - 361,010,10x.x3 rod and spring assembly

1 - 901,902,00x.x1 red tubing, long

1 - 901,901,95x.x1 yellow tubing, long

Place one rod with red tubing in hole "A" of rotor.

Place one rod with yellow tubing in hole "C" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #7.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

600 ml PET Coca-Cola "Contour" Bottle (Australia) (In models 501 & 600)

600 ml PET Multi-Brand Bottle (Australia) (In models 501 & 600)

600 ml PET Sprite Bottle (Australia) (In models 501 & 600)

Wide Column Set-Up 1 deep

2 - 801,804,86x.x1 flat black shim (1 each side)
1 - 801,806,39x.x1 vend cam, blue
1 - 801,806,40x.x1 adjustable cam, gold
1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting #1 or 2 notches.

Rear spacer set in hole #9.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up 1 deep

No shims required.

1 - 801,201,22x.x1 rotor, wide

Cam setting #4 or 1 notch

Rear spacer set in hole #9.

16 oz PET Diet Sprite Plastic Bottle (Barbados) (In model 501T)

Wide Column Set-Up 2 deep

2 - 801,804,86x.x1 flat black shim (1 each side)
1 - 801,806,41x.x1 vend cam, green
1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 4 notches.

Rear spacer set in hole #19.

Narrow Column Set-Up 2 deep

1 - 497,070,26x.x3 bottle shim, right

1 - 801,201,22x.x1 rotor, wide

Cam setting #5 or 2 notches.

Rear spacer set in hole #19.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

3 Tennis Ball Plastic Canister (Canada & Mexico) (In model 522T)

Note: Load one canister with cap to front, and next canister with cap to rear. Continue to alternate canisters to load.

Wide Column Set-Up 1 deep

No shims required.

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

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

1 - 497,073,00x.x3 can/bottle chute tennis ball assembly (1 per vender)

Cam setting #1 or 2 notches.

Rear spacers set in hole #7.

Remove can retainers (triangles) from oscillator.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

355 Pureza Aga Water Plastic Bottle (Mexico) (In model 501T)

12 oz Naya Spring Water Plastic Bottle (Canada) (In all T-models)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 2 deep

1 - 801,201,22x.x1 rotor, wide

1 - 497,070,13x.x3 can stop shim, right

1 - 361,010,10x.x3 rod & spring assembly

Place rod in hole "A" of rotor.

Cam setting #3 or 2 notches.

Rear spacer set in hole #21.

16.9 oz Naya Water Plastic Bottle (Canada) (In model 501T)

16.9 oz. Avalon Water Plastic Bottle (United States) (In model 501T)

Wide Column Set-Up 1 deep

- 2 - 801,804,90x.x1 left ribbed shim
- 2 - 801,804,89x.x1 right ribbed shim
- 2 - 801,901,86x.x1 flat black shim (1 each side)
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 2 notches.

Rear spacer set in hole #6.

Remove can retainers (triangles) from oscillator.

Narrow Column Set-Up 1 deep

- 1 - 801,201,22x.x1 rotor, wide
- 1 - 361,010,07x.x3 flat shim, right
- 2 - 361,010,10x.x3 rod and spring assembly
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,00x.x1 red tubing, long

Place one rod with red tubing in hole "B" of rotor.

Place one rod with yellow tubing in hole "A" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #6.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

473 ml Pepsi PET Bottle (Costa Rica) (In model 501)

Wide Column Set-Up 2 deep

No shims required.

Cam setting #1 or 4 notches.

Rear spacer set in hole #22.

Narrow Column Set-Up 2 deep

- 1 - 497,070,26x.x3 bottle shim, right
- 1 - 801,201,22x.x1 rotor, wide

Cam setting #5 or 2 notches.

Rear spacer set in hole #22.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

330 ml Evian Natural Spring Water Plastic Bottle (France & United States) (In all T-models)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 2 deep

- 1 - 432,070,17x.x3 sold out paddle
- 1 - 801,201,23x.x1 rotor, narrow
- 1 - 497,010,90x.x3 w/a wall right (501T)
- 2 - 361,010,10x.x3 rod & spring assembly
- 1 - 901,902,00x.x1 red tubing, long
- 1 - 901,902,60x.x1 red tubing, short
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,59x.x1 yellow tubing, short

Place one rod with long and short red tubing in hole "C" of rotor.

Place one rod with long and short yellow tubing in hole "A" of rotor.

Cam setting #3 or 2 notches.

Rear spacer set in hole #17.

Important: Center tie bar must be removed to install walls and must be replaced before vending.

50 cl Evian Water Plastic Bottle (France) (In all T-models)

Wide Column Set-Up

DO NOT VEND

Narrow Column Set-Up 1 deep

1 - 801,201,22x.x1 rotor, wide

No shims required.

2 - 361,010,10x.x3 rod & spring assembly

1 - 901,902,00x.x1 red tubing, long

1 - 901,901,95x.x1 yellow tubing, long

Place one rod with yellow tubing in hole "A" of rotor.

Place one rod with red tubing in hole "B" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #6.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

500 ml All Sport Plastic Bottle (Puerto Rico) (In all models)

Wide Column Set-Up 1 deep

2 - 801,901,86x.x1 flat black shim (1 each side)

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

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

Cam setting #1 or 2 notches.

Rear spacer set in hole #4.

Remove can retainers (triangles) from oscillator.

Narrow Column Set-Up 2 deep

1 - 801,201,22x.x1 rotor, wide

1 - 361,010,10x.x3 rod & spring assembly

1 - 361,010,08x.x3 bubble shim, right

1 - 474,040,06x.x3 shim back (1 per right side in front of bubble shim)

Place rod in hole "A" rear and hole "C" front of rotor.

Cam setting #2 or 2 notches.

Rear spacer set in hole #20.

Load product cap to heel in narrow columns.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

500 ml Coca-Cola Contour Plastic Bottle (Spain) (In model 501T)

500 ml Coca-Cola Contour Plastic Bottle (Norway) (In model 501T)

Wide Column Set-Up 1 deep

2 - 801,804,90x.x1 left ribbed shim

2 - 801,804,89x.x1 right ribbed shim

1 - 801,804,39x.x1 vend cam, blue

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

Cam setting #1 or 2 notches.

Rear spacer set in hole #8.

Remove can retainers (triangles) from oscillator.

Narrow Column Set-Up 1 deep

1 - 801,201,23x.x1 rotor, narrow

No shims required.

Cam setting #4 or 1 notch.

Rear spacer set in hole #8.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

1 Liter PET Coca-Cola Bottle (Spain) (In model 522T Circular)

Wide Mouth Set-Up 1 deep

- 1 - 801,201,48x.x1 oscillator, large product
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold
- 1 - 432,070,27x.x3 sold out paddle, large product

Must load one bottle with cap to rear and next bottle with cap to front, and continue this pattern.

- 1 - 491,051,70x.x4 extended discharge member - Coke Circular & Generic Circular venders (1 per vender)
- 1 - 324,000,30x.x3 Can & Bottle assy. with divider (1 per vender)

- Note:
- 1.) Must use rear spacer built on run 6195 or after, or remove ¼" from bottom of rear spacer.
 - 2.) Must use delivery port built on run 6166 or after, or modify delivery port accordingly.
 - 3.) Remove metal closure strip from delivery port.

Cam setting #1 or 4 notches.

Rear spacer set in hole #13.

Narrow Column Set-Up

Not applicable.

500 ml Coca-Cola "Contour" Plastic Bottle (United Kingdom) (In model 522T)

Wide Column Set-Up 1 deep

- 2 - 801,804,89x.x1 right ribbed shim
- 2 - 801,804,90x.x1 left ribbed shim
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold
- 1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting #1 or 2 notches.

Rear spacer set in hole #7.

Remove can retainers (triangles) from oscillator.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up

Not Applicable.

16 oz. "All Sport" Plastic Bottle (United States) (In model 501T)

Wide Column Set-Up 2 deep

- 2 - 801,901,86x.x1 flat black shim (1 each side)
- 1 - 801,806,41x.x1 vend cam, green
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 4 notches.

Rear spacer set in hole #21.

Load product cap to heel in wide columns.

Narrow Column Set-Up 2 deep

- 1 - 801,201,22x.x1 rotor, wide
- 1 - 497,070,26x.x3 bottle shim, right
- 1 - 361,010,10x.x3 rod & spring assembly
- 2 - 474,040,06x.x3 shim back (2 per right side in front of bottle shim)

Place rod in hole "A" rear and hole "B" front of rotor.

Cam setting #5 or 2 notches.

Rear spacer set in hole #21.

Load product cap to heel in narrow columns.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz. All Sport Plastic Bottle (United States) (In all T-models)

Wide Column Set-Up

2 - 801,901,86x.x1 flat shim (1 each side)
1 - 801,806,39x.x1 vend cam, blue
1 - 801,806,40x.x1 adjustable cam, gold
Cam setting #1 or 2 notches.
Rear spacer set in hole #6.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up

No shims required.
1 - 801,201,22x.x1 rotor, wide
Cam setting #4 or 1 notch.
Rear spacer set in hole #6.

20 oz. Aquafina "Wide Mouth" PET Bottle (United States) (In models 501 & 630)

20 oz. Pepsi Quick Slam "Wide Mouth" PET Bottle (United States) (In models 501, 522, 600, & 630)

Wide Column Set-Up 1 deep

1 - 801,804,89x.x1 right ribbed shim
1 - 801,804,90x.x1 left ribbed shim
1 - 801,806,39x.x1 vend cam, blue
1 - 801,806,40x.x1 adjustable cam, gold
Cam setting #1 or 2 notches.
Rear spacer set in hole #7.

Narrow Column Set-Up 1 deep

1 - 801,201,22x.x1 rotor, wide
1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)
Cam setting #4 or 1 notch.
Rear spacer set in hole #7.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz. Balsams Spring Water Bottle (United States) (In model 501T)

Wide Column Set-Up 2 deep

2 - 801,901,86x.x1 flat shim, T-model (1 each side)
2 - 801,804,89x.x1 right ribbed shim
2 - 801,804,90x.x1 left ribbed shim
1 - 801,806,41x.x1 vend cam, green
1 - 801,806,40x.x1 adjustable cam, gold
Cam setting #1 or 4 notches.
Rear spacer set in hole #23.

Narrow Column Set-Up 2 deep

1 - 801,201,22x.x1 rotor, wide
1 - 361,010,11x.x3 formed shim, right
1 - 361,010,08x.x3 bubble shim, right (install close to column wall)
Cam setting #3 or 2 notches.
Rear spacer set in hole #23.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

12 oz Castle Springs Water Plastic Bottle (In all T-models)

12 oz Poland Spring Water Plastic Bottle (In all T-models)

Wide Column Set-Up

DO NOT VEND

12 oz Castle Springs Water Plastic Bottle (In all T-models)

12 oz Poland Spring Water Plastic Bottle (In all T-models)

Continued

Narrow Column Set-Up 2 deep

- 1 - 801,201,22x.x1 rotor, wide
- 1 - 497,070,13x.x3 can stop shim, right
- 1 - 361,010,10x.x3 rod & spring assembly

Place rod in hole "A" of rotor.

Cam setting #3 or 2 notches.

Rear spacer set in hole #21.

16 oz. PET Coca-Cola Bottle (United States) (In models 501, 522, & 600)

Wide Column Set-Up 2 deep

- 2 - 801,901,86x.x1 flat shim, T-model (1 each side)
- 1 - 801,806,41x.x1 vend cam, green
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 4 notches.

Rear spacer set in hole #21.

Narrow Column Set-Up 2 deep

- 1 - 801,201,22x.x1 rotor, wide
- 1 - 497,070,26x.x3 bottle shim, right

Cam setting #5 or 2 notches.

Rear spacer set in hole #21.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz. Coca-Cola "Contour" Plastic Bottle (United States) (In models 501T & 522T)

20 oz. Sprite Plastic Bottle (United States) (In all T-models)

20 oz. PET Surge Bottle (United States) (In all T-models)

Wide Column Set-Up 2 deep

- 1 - 324,010,15x.x3 bottle neck support (1 per column)
- 1 - 324,010,16x.x3 bottle neck support retainer (1 per column)
- 1 - 801,806,99x.x1 vend cam, white
- 2 - 900,301,55x.x1 #8-18x½ screw (2 per bottle neck support)
- 1 - 328,070,30x.x3 • ultimate depth rear spacer (501 & 522) (1 per wide column)
- 1 - 324,070,60x.x3 • ultimate depth rear spacer (600 & 630) (1 per wide column)
- 2 - 900,301,50x.x1 #8-18x½ (2 per rear spacer)
- 1 - 498,010,11x.x3 mounting strap (columns 1 & 2 of 501 & 600)
- 1 - 498,010,12x.x3 mounting strap (column 3 of 501 & 600)
- 4 - 900,301,55x.x1 #8-18x½ screw (2 per strap)
- 1 - 432,070,27x.x3 large product sold-out paddle
- 1 - see list sold-out switch assembly
- 804,100,68x.x1 Non SII & SIID
- 804,100,75x.x1 SII & SIID
- 1 - S001.X installation instructions (522T's)
- 1 - S003.X installation instructions (501T's)

Cam setting not applicable.

Rear spacer setting not applicable.

Load product cap to cap with rear bottle's cap on top of front bottle.

- Ultimate depth rear spacers are needed on venders built without backing plate.

Narrow Column Set-Up 1 deep

- 1 - 801,201,22x.x1 rotor, wide
- 1 - 361,010,07x.x3 flat shim, right side
- 1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender for Coke bottle only)

Cam setting #4 or 1 notch.

Rear spacer set in hole #8.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

1 Liter PET Sprite Straight Wall (United States) (In models 630T, 600T, and 522T)

Wide Column Set-Up 1 deep

| | |
|--------------------|---|
| 1 - 801,201,48x.x1 | large product oscillator |
| 1 - 801,806,39x.x1 | vend cam, blue |
| 1 - 801,806,40x.x1 | adjustable cam, gold |
| 1 - 236,070,80x.x3 | w/a shim left, large product |
| 1 - 236,070,90x.x3 | w/a shim right, large product |
| 1 - 801,304,08x.x1 | rear spacer support |
| 1 - 432,070,27x.x3 | large product sold-out paddle |
| 1 - see list below | extended discharge member (1 per vender) |
| 491,051,70x.x4 | for wide Coke Circular and Generic Circular Venders |
| 491,051,90x.x4 | for Full Length Sign & Display Venders |
| 1 - 324,000,20x.x3 | can/bottle chute assy. |

- Note: 1. Must use rear spacer built on run 6195 or after, or remove ¼" from bottom of rear spacer.
2. Must use delivery port built on run 6166 or after, or modify delivery port accordingly.
3. Remove metal closure strip from delivery port.

Cam setting #1 or 2 notches.

Rear spacer set in hole #9.

Rear spacer support set in holes #10 and #11 at bottom.

Narrow Column Set-Up

WILL NOT VEND.

1 Liter PET Contour Coke Bottle (United States) (In model 522T & 630T)

Wide Column Set-Up 1 deep

| | |
|--------------------|---|
| 1 - 234,070,12x.x3 | tie strip, front |
| 7 - 901,100,52x.x1 | 1/8" pop rivet |
| 1 - 801,201,48x.x1 | large product oscillator |
| 1 - 801,806,39x.x1 | vend cam, blue |
| 1 - 801,806,40x.x1 | adjustable cam, gold |
| 1 - 236,070,80x.x3 | w/a shim left, large product |
| 1 - 236,070,90x.x3 | w/a shim right, large product |
| 1 - 801,304,08x.x1 | rear spacer support |
| 1 - 432,070,27x.x3 | large product sold-out paddle |
| 1 - see list below | extended discharge member (1 per vender) |
| 491,051,70x.x4 | for wide Coke Circular & Generic Circular venders |
| 491,051,90x.x4 | for Full Length Sign & Display venders |
| 1 - 324,000,20x.x3 | can/bottle chute assembly |

- Note: 1.) Must use rear spacer built on run 6195 or after, or remove ¼" from bottom of rear spacer.
2.) Must use delivery port built on run 6166 or after, or modify delivery port accordingly.
3.) Remove metal closure strip from delivery port.

Cam setting #1 or 2 notches.

Rear spacer set in hole #11.

Rear spacer support set in holes #12 & #13 at the bottom.

Narrow Column Set-Up

NOT APPLICABLE

20 oz. Coca-Cola Straight Wall Plastic Bottle Five Section Bottom (United States) (In all T-models)

20 oz. Pepsi-Cola Plastic Five Section Bottom (United States) (In all T-models)

Wide Column Set-Up 2 deep

No shims required.

- 1 - 801,806,99x.x1 vend cam, white (1 per column)
- 1 - 324,010,15x.x3 bottle neck support (1 per column)
- 1 - 324,010,16x.x3 bottle neck support retainer
- 2 - 900,301,55x.x1 #8-32x½ screw (2 per column)
- 1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting not applicable.

Rear spacer set in hole #23.

Load product cap to cap with rear bottle's cap on top of front bottle.

Narrow Column Set-Up 1 deep

No shims required.

- 1 - 801,201,22x.x1 rotor, wide

Cam setting #4 or 1 notch.

Rear spacer set in hole #5 (Pepsi bottle).

Rear spacer set in hole #8 (Coke bottle).

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 oz. Poland Spring Water Plastic Bottle (United States) (In model 600T)

16 oz. Crystal Light Plastic Bottle (United States) (In model 501T)

16.9 oz. LaCroix Plastic Bottle (United States) (In model 501)

Wide Column Set-Up 1 deep

- 2 - 801,901,86x.x1 flat shim (1 each side)
- 2 - 801,804,89x.x1 right ribbed shim
- 2 - 801,804,90x.x1 left ribbed shim
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 2 notches.

Rear spacer set in hole #5.

Narrow Column Set-Up 1 deep

- 1 - 801,201,23x.x1 rotor, narrow

Cam setting #4 or 1 notch.

Rear spacer set in hole #5.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 oz. Zephyrhills Water Bottle (United States) (In models 501 & 522)

16.9 oz. Ice Mountain Water Bottle (United States) (In model 522)

16.9 oz. Arrowhead Water Bottle (United States) (In models 501 & 522)

16.9 oz. Calistoga Water Bottle (United States) (In models 501 & 522)

16.9 oz. Ozarka Water Bottle (United States) (In models 501 & 522)

16.9 oz. Poland Springs Water Bottle (United States) (In all T-models)

16.9 oz. Deer Park Spring Water Plastic Bottle (United States) (In models 501 & 630)

Wide Column Set-Up 2 deep

| | |
|--------------------|---|
| 2 - 236,010,09x.x3 | flat metal shim (1 each side close to wall) |
| 8 - 474,040,06x.x3 | shim back (4 each side next to flat metal shim) |
| 1 - 801,804,89x.x1 | right ribbed shim (close to bottle) |
| 1 - 801,804,90x.x1 | left ribbed shim (close to bottle) |
| 1 - 801,806,99x.x1 | vend cam, white |
| 1 - 324,010,15x.x3 | bottle neck support |
| 1 - 324,010,16x.x3 | bottle neck support retainer |
| 2 - 900,301,55x.x1 | #8-18x1/2 screw (2 per retainer) |
| 1 - 324,000,40x.x3 | can chute with extensions (1 per vender) |

Cam setting not applicable.

Rear spacer set in hole #23.

Load product cap to cap with rear bottle's cap on top of front bottle.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up 1 deep

No shims required.

1 - 801,201,23x.x1 rotor, narrow

Cam setting #4 or 1 notch.

Rear spacer set in hole #5.

20 oz. PET Dr. Pepper Angle (Proprietary) Bottle (United States) (In all T-models)

Wide Column Set-Up 2 deep

| | |
|--------------------|---|
| 1 - 801,806,99x.x1 | vend cam, white |
| 1 - 324,010,15x.x3 | bottle neck support |
| 1 - 324,010,60x.x3 | bottle neck support retainer |
| 2 - 900,301,55x.x1 | #8-18x1/2 screw (2 per retainer) |
| 1 - 324,000,20x.x3 | 20 oz. bottle chute assembly (1 per vender) |

Cam setting not applicable.

Rear spacer set in hole #23.

Load product cap to cap with rear bottle's cap on top of front bottle.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up

Not released at time of print.

20 oz. Mystic "Sport" PET Bottle (United States) (In model 501T)

Wide Column Set-Up 1 deep

| | |
|--------------------|--|
| 2 - 801,804,89x.x1 | right ribbed shim |
| 2 - 801,804,90x.x1 | left ribbed shim |
| 1 - 801,806,39x.x1 | vend cam, blue |
| 1 - 801,806,40x.x1 | adjustable cam, gold |
| 1 - 324,000,20x.x3 | can/bottle chute assembly (1 per vender) |

Cam setting #1 or 2 notches.

Rear spacer set in hole #8.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up

DO NOT VEND.

20 oz Dr. Pepper (4 Section Bottom)

20 oz Plastic Bottle (Series 90 T-Models only)

20 oz PET Mt. Shasta (5 Section Bottom)

Wide Column Set-Up 2 deep

- 1 - 324,010,15x.x3 bottle neck support (1 per column)
- 1 - 324,010,16x.x3 bottle neck support retainer
- 2 - 900,301,55x.x1 #8-32x½ sems screw (2 per column)
- 1 - 801,806,99x.x1 vend cam, white (1 per column)
- 1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting not applicable.

Rear spacer set in hole #23.

Load product cap to cap with rear bottle's cap on top of front bottle.

Narrow Column Set-Up 1 deep

- 1 - 801,201,22x.x1 rotor, wide

No shims required.

Cam setting #4 or 1 notch.

Rear spacer set in hole #5 (Mt. Shasta and Plastic Bottles).

Rear spacer set in hole #6 (Dr. Pepper).

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 Evian Water Plastic Bottle (United States) (In model 501T)

Wide Column Set-Up

WILL NOT VEND

Narrow Column Set-Up 1 deep

- 1 - 474,040,06x.x3 shim back, right
- 2 - 361,010,10x.x3 rod & spring assembly
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,59x.x1 yellow tubing, short
- 1 - 901,902,00x.x1 red tubing, long
- 1 - 901,902,60x.x1 red tubing, short
- 1 - 801,201,22x.x1 rotor, wide

Place one rod with long & short red tubing in hole "B" of rotor.

Place one rod with long & short yellow tubing in hole "A" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #7.

Remove can retainers (triangles) from oscillator.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz. PET Gatorade Bottle (United States) (In model 501T & 600T)

Wide Column Set-Up 2 deep

- 1 - 497,074,00x.x3 • 72" rear spacer assy., maximum depth (Bottom hooks to hanger rod.)
- 1 - 497,073,90x.x3 • 79" rear spacer assy., maximum depth (Bottom hooks to hanger rod.)
- 1 - 801,806,99x.x1 vend cam, white
- 2 - 801,901,86x.x1 flat black shim (1 each side)
- 1 - 324,000,20x.x3 can & bottle chute assembly (1 per vender)

Cam setting not applicable.

Rear spacer set in hole #23 at top and behind hanger rod at bottom.

Narrow Columns Set-Up 1 deep

- 1 - 801,201,22x.x1 rotor, wide

Cam setting #4 or 1 notch.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz. PET Glen Falls Water Bottle (United States) (In model 501T)

Wide Column Set-Up 1 deep

- 2 - 801,804,90x.x1 left ribbed shim
- 2 - 801,804,89x.x1 right ribbed shim
- 2 - 801,901,86x.x1 flat shim, T-model (1 each side)
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 2 notches.

Rear spacer set in hole #6.

Remove can retainer (triangle) from oscillator.

Narrow Column Set-Up 1 deep

- 1 - 801,201,22x.x1 rotor, wide
- 1 - 361,010,07x.x3 flat metal shim, right
- 2 - 361,010,10x.x3 rod and spring assembly
- 1 - 901,901,95x.x1 yellow tubing, long
- 1 - 901,902,00x.x1 red tubing, long

Place one rod with yellow tubing in hole "A" of rotor.

Place one rod with red tubing in hole "B" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #6.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 oz. PET Hinkley & Schmitt Straight Wall Bottle (United States) (In models 501 & 600)

Wide Column Set-Up 1 deep

- 2 - 801,901,86x.x1 flat black shim (1 each side close to wall)
- 2 - 801,804,90x.x1 left ribbed shim
- 2 - 801,804,89x.x1 right ribbed shim
- 1 - 801,806,39x.x1 vending cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 2 notches.

Rear spacer set in hole #5.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up 1 deep

No shims required.

- 1 - 801,201,23x.x1 rotor, narrow

Cam setting #4 or 1 notch.

Rear spacer set in hole #5.

12 oz. Mountain Valley Spring Water Plastic Bottle (United States) (In model 501T)

Wide Column Set-Up

DO NOT VEND.

Narrow Column Set-Up 2 deep

- 1 - 497,070,26x.x3 bottle shim, right
- 1 - 801,201,23x.x1 rotor, narrow

Cam setting #3 or 2 notches.

Rear spacer set in hole #22.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 oz. Mountain Valley Spring Water Plastic Bottle (United States) (In models 501 & 630)

Wide Column Set-Up 2 deep

| | |
|--------------------|---|
| 2 - 236,010,09x.x3 | flat metal shim (1 each side close to wall) |
| 6 - 474,040,06x.x3 | shim back (3 each side next to flat metal shim) |
| 1 - 801,804,89x.x1 | right ribbed shim (close to bottle) |
| 1 - 801,804,90x.x1 | left ribbed shim (close to bottle) |
| 1 - 801,806,99x.x1 | vend cam, white |
| 1 - 324,010,15x.x3 | bottle neck support |
| 1 - 324,010,16x.x3 | bottle neck support retainer |
| 2 - 900,301,55x.x1 | #8-18x1/2 screw (2 per retainer) |
| 1 - 324,000,40x.x3 | can chute with extensions (1 per vender) |

Cam setting not applicable.

Rear spacer set in hole #23.

Load product cap to cap with rear bottle's cap on top of front bottle.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up 1 deep

No shims required.

1 - 801,201,23x.x1 rotor, narrow

Cam setting #4 or 1 notch.

Rear spacer set in hole #5.

16 oz Pepsi "PET" Plastic Bottle (Bennettsville, South Carolina) (In all T-models)

Wide Column Set-Up 2 deep

No shims required.

2 - 498,010,05x.x3 chute liner extension (used prior to 6181)

1 - 801,806,41x.x1 vend cam, green

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

Cam setting #1 or 4 notches.

Rear spacer set in hole #20.

Narrow Column Set-Up 2 deep

1 - 801,201,22x.x1 rotor, wide

1 - 497,070,26x.x3 bottle shim, right

Cam setting #5 or 2 notches.

Rear spacer set in hole #20.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz PET Pepsi Plastic Bottle (Lewiston, Idaho) (In model 501T)

Wide Column Set-Up 2 deep

1 - 498,010,05x.x3 chute liner extension (used prior to 6181)

1 - 801,806,41x.x1 vend cam, green

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

No shims required.

Cam setting #1 or 4 notches.

Rear spacer set in hole #20.

Narrow Column Set-Up 2 deep

1 - 801,201,22x.x1 rotor, wide

1 - 497,070,26x.x3 bottle shim, right

Cam setting #5 or 2 notches.

Rear spacer set in hole #20.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz Pepsi Plastic Bottle (Washington State) (In all T-models)

Wide Column Set-Up 2 deep

4 - 361,010,07x.x3 flat metal shim (2 each side)
1 - 801,806,04x.x1 vend cam, green
1 - 801,806,40x.x1 adjustable cam, gold
2 - 498,010,05x.x3 chute liner extension (used prior to 6181)
Cam setting #1 or 4 notches.
Rear spacer set in hole #22.

Narrow Column Set-Up 2 deep

1 - 497,070,26x.x3 bottle shim, right
1 - 801,201,22x.x1 rotor, wide
Cam setting #5 or 2 notches.
Rear spacer set in hole #22.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz PET Pepsi “Fast Break” & “Quick Slam” Plastic Bottle (United States) (In all T-models)

Wide Column Set-Up 2 deep

1 - 801,806,99x.x1 vend cam, white (1 per column)
1 - 328,070,30x.x3 *ultimate depth rear spacer (501 and 522)
1 - 324,070,60x.x3 *ultimate depth rear spacer (600)
2 - 900,301,50x.x1 #8-18x1/2 screw (2 per rear spacer)
1 - 432,070,27x.x3 large product sold-out paddle
1 - sold out switch assembly
804,100,68x.x1 non SII & SIID
804,100,75x.x1 SII & SIID
1 - 324,010,15x.x3 bottle neck support (1 per column)
1 - 324,010,16x.x3 bottle neck support retainer
2 - 901,301,55x.x1 #8-18x1/2 screw (2 per bottle neck support)
1 - 498,010,11x.x3 mounting strap (columns 1 and 2 of 501 & 600)
1 - 498,010,12x.x3 mounting strap (column 3 of 501 & 600)
4 - 900,301,55x.x1 #8-18x1/2 screw (2 per strap)

Cam setting not applicable.

Rear spacer setting not applicable.

Load product cap to cap with rear bottles cap on top of front bottle.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

* Ultimate depth rear spacers are needed on venders built without backing plate.

Narrow Column Set-Up 1 deep

1 - 361,010,07x.x3 flat shim, right
1 - 801,201,22x.x1 rotor, wide
1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting #4 or 1 notch.

Rear spacer set in hole #8.

20 oz. PET Pepsi “Fast Break” Bottle (Birmingham, AL) (In model 522T)

Wide Column Set-Up 1 deep

2 - 801,804,89x.x1 right ribbed shim
2 - 801,804,90x.x1 left ribbed shim
1 - 801,806,39x.x1 vend cam, blue
1 - 801,806,40x.x1 adjustable cam, gold
1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting #1 or 2 notches.

Rear spacer set in hole #8.

Narrow Column Set-Up

Not Applicable.

20 oz. PET Nestea "Straight Wall" Bottle (United States) (In all T-models)

20 oz. PET Pepsi (3 section bottom) (Goldsboro, NC) (In all T-models)

Wide Column Set-Up 2 deep

- 1 - 801,806,99x.x1 vend cam, white
- 1 - 324,010,15x.x3 bottle neck support
- 1 - 324,010,16x.x3 bottle neck support retainer
- 2 - 900,301,55x.x1 #8-18x1/2 screw (2 per retainer)
- 1 - 324,000,20x.x3 can/bottle chute assembly (1 per vender)

Cam setting not applicable.

Rear spacer set in hole #23.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up 1 deep

No shims required.

- 1 - 801,201,22x.x1 rotor, wide

Cam setting #4 or 1 notch.

Rear spacer set in hole #5.

1 Liter PET Pepsi "Wide Mouth Big Slam" (United States) (In models 522T & 630T)

Wide Column Set-Up 1 deep

- 1 - 234,070,12x.x3 tie strip, front
- 7 - 901,100,52x.x1 1/8" pop rivet
- 1 - 801,201,48x.x1 large product oscillator
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold
- 1 - 236,070,80x.x3 w/a shim left, large product
- 1 - 236,070,90x.x3 w/a shim right, large product
- 1 - 801,304,08x.x1 rear spacer support
- 1 - 432,070,27x.x3 large product sold-out paddle
- 1 - see list below extended discharge member (1 per vender)
 - 491,051,70x.x4 for wide Pepsi Circular & Generic Circular venders
 - 491,051,90x.x4 for Full Length Sign & Display venders
- 1 - 324,000,20x.x3 can/bottle chute assembly

Note: 1.) Must use rear spacer built on run 6195 or after, or remove 1/4" from bottom of rear spacer.

2.) Must use delivery port built on run 6166 or after, or modify delivery port accordingly.

3.) Remove metal closure strip from delivery port.

Cam setting #1 or 2 notches.

Rear spacer set in hole #11.

Rear spacer support set in holes #12 & #13 at the bottom.

Narrow Column Set-Up

NOT APPLICABLE

490 ml Poland Spring Water Plastic Bottle (In all T-models)

Wide Column Set-Up
DO NOT VEND

Narrow Column Set-Up 1 deep

No shims.

- 1 - 801,201,22x.x1 rotor, wide
- 2 - 361,010,10x.x3 rod & spring assembly
- 1 - 901,902,00x.x1 red tubing, long
- 1 - 901,901,95x.x1 yellow tubing, long

Place one rod with yellow tubing in hole "A" of rotor.

Place one rod with red tubing in hole "B" of rotor.

Cam setting #4 or 1 notch.

Rear spacer set in hole #15.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz. PowerAde Plastic Bottle (United States) (In T-models)

Wide Column Set-Up 2 deep

- 1 - 497,073,90x.x3 • 600 rear spacer, maximum depth
- 1 - 497,074,00x.x3 • 501 rear spacer, maximum depth
- 1 - 801,806,99x.x1 vend cam, white
- 2 - 801,901,86x.x1 flat black shim (1 each side)
- 1 - 324,010,21x.x3 oscillator paddle extension with bottle stop
- 1 - 900,302,02x.x1 screw, self tapping #8-18x³/₄

Cam setting not applicable.

Rear spacer set in hole #23 top and bottom hooks behind hanger rod.

- Maximum depth rear spacers are needed on venders built without backing plate.

Narrow Column Set-Up 1 deep

- 1 - 801,201,22x.x1 rotor, wide

Cam setting #4 or 1 notch.

Rear spacer set in hole #4.

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16.9 oz. Vermont Pure Water Plastic Bottle (United States) (In models 501 & 600T)

16.9 oz. Zephyrhills Water Bottle (United States) (In models 501 & 600T)

16.9 oz. Castle Spring Water Plastic Bottle (United States) (In models 501 & 600)

Wide Column Set-Up 1 deep

- 2 - 801,804,90x.x1 left ribbed shim
- 2 - 801,804,89x.x1 right ribbed shim
- 2 - 801,901,86x.x1 flat black shim (1 each side)
- 1 - 801,806,39x.x1 vend cam, blue
- 1 - 801,806,40x.x1 adjustable cam, gold

Cam setting #1 or 2 notches.

Rear spacer set in hole #6 (Vermont Pure & Zephyrhills).

Rear spacer set in hole #5 (Castle Springs).

Remove can retainers (triangles) from oscillator.

Narrow Column Set-Up 1 deep

No shims required.

- 1 - 801,201,23x.x1 rotor, narrow

Cam setting #4 or 1 notch.

Rear spacer set in hole #6 (Vermont Pure & Zephyrhills).

Rear spacer set in hole #5 (Castle Springs).

SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

16 oz. PET VeryFine Chillers Bottle (United States) (In Model 501T)

Wide Column Set-Up 2 deep

- 1 - 801,804,89x.x1 right ribbed shim
 - 1 - 801,804,90x.x1 left ribbed shim
 - 1 - 801,806,41x.x1 vend cam, green
 - 1 - 801,806,40x.x1 adjustable cam, gold
- Cam setting #1 or 4 notches.
Rear spacer set in hole #21.

Narrow Column Set-Up 2 deep

- 1 - 497,070,26x.x3 16 oz. bottle shim, right
 - 1 - 609,072,30x.x3 bottle divider assy.
 - 1 - 801,201,23x.x1 bottle divider assy.
 - 1 - 801,201,23x.x1 rotor, narrow
 - 1 - 361,010,10x.x3 rod & spring assembly
- Place rod in hole "C" of rotor.
Cam setting #2 or 2 notches.
Rear spacer set in hole #21.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

20 oz. PET Pure American Spring Water Bottle (United States) (In all T-Models)

Wide Column Set-Up 2 deep

- 2 - 801,901,86x.x1 flat black shim (1 each side)
 - 1 - 801,806,99x.x1 vend cam, white
 - 1 - 432,070,27x.x3 large product sold-out paddle
 - 1 - sold-out switch assembly
 - 804,100,68x.x1 Non SII & SIID
 - 804,100,75x.x1 SII & SIID
 - 1 - 324,010,15x.x3 bottle neck support (1 per column)
 - 1 - 324,010,16x.x1 bottle neck support retainer
 - 2 - 901,301,55x.x1 #8-18x½ screw (2 per bottle neck)
- Cam setting not applicable.
Rear spacer set in hole #23.
Load product cap to cap with rear bottle's cap on top of front bottle.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.

Narrow Column Set-Up 1 deep

- No shims required.
- 1 - 801,201,22x.x1 rotor, wide
- Cam setting 4 or 1 notch.
Rear spacer set in hole #6.

24 oz. PET Zephyrhills Spring Water "Sport Cap" Bottle (United States) (In models 501T & 522T)

Wide Column Set-Up 1 deep

- 1 - 801,804,89x.x1 right ribbed shim
 - 1 - 801,804,90x.x1 left ribbed shim
 - 1 - 801,806,39x.x1 vend cam, blue
 - 1 - 801,806,40x.x1 adjustable cam, gold
- Cam setting #1 or 2 notches.
Rear spacer set in hole #10.

Narrow Column Set-Up 1 deep

- No shims required.
- 1 - 801,903,04x.x1 hole plug, rear spacer lower hole
- Cam setting #4 or 1 notch.
Rear spacer set in hole #10.
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.