

# *Technical Bulletin*

Bulletin Number: 475 Revision Number: R-03

Release Date: June 21, 1993 Revision Date: October 4, 1999

**SUBJECT: MISCELLANEOUS WORLDWIDE CAN SHIMMING IN WIDE STACK SERIES 90 VENDERS**

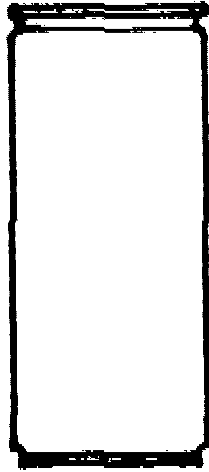
**MODELS AFFECTED:** All Wide Stack Series 90 Venders.

**REASON:** To provide the shimming and set-up of various cans used worldwide.

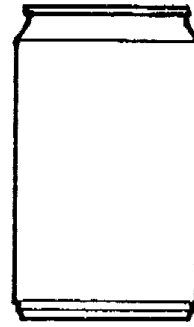
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**PACKAGE ILLUSTRATIONS AND DIMENSIONS**  
(In Inches and Millimeters)



1



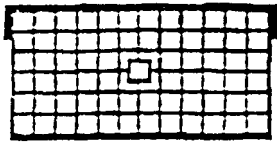
2

Description	Package Size	Country/ Township	Shape	Height		Diameter	
				Inches	(mm)	Inches	(mm)
No Brand Name	330 ml	Europe	2	4.56"	(115.8)	2.59"	(65.8)
Pepsi	500 ml	Germany	2	6.65	(168.9)	2.59"	(65.8)
Arizona Iced Tea	23.5 oz.	United States	1	7.62"	(193.5)	2.87"	(72.9)

## PARTS ILLUSTRATIONS

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".

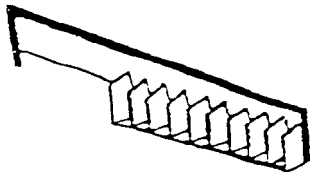
## PARTS ILLUSTRATIONS



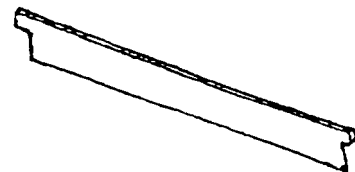
**Flat Black Shim**  
801,804,96x.x1



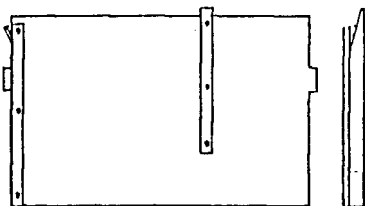
**Grey Shim**  
801,805,12x.x1



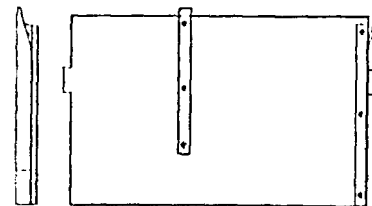
**Bottle Shim (White Plastic)**  
801,805,23x.x1



**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

## SHIMMING AND SET-UP CHART

Use This Chart To "Set-Up" and "Shim" the "Wide 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)

## CANS

PACKAGE DESCRIPTION & VENDERS APPROVED	SEE PAGE(S)	COUNTRY	LOADING	PARTS PER COLUMN	CAM SETTING	CAM(S) REQUIRED	REAR SPACER LOCATION	OTHER PARTS
330 ml Can in WS Models	2, 3, & B1	Europe	2	4 flat black shims & 4 grey shims	4 notches	Blue / Gold	Hole 17	None
500 ml Pepsi Can in WS Models	2, 3, & B1	Germany	1	8 flat black shims	2 notches	Blue/Gold	Hole 10	None
23.5 oz. Arizona Iced Tea Can in Model 360 WS	2, 3, & B1	United States	1	2 flat black shims	2 notches	Blue/Gold	Hole 13	Divider Angle

NA = Not Applicable

## INDIVIDUAL COLUMN SET-UP & SHIMMING

### 330 ml Can (Europe) (In WS models)

Wide Column Set-Up 2 deep

4 – 801,804,96x.x1	flat black shims (2 ea. side)
4 – 801,805,12x.x1	flat grey shim s(2 ea. side next to cans)
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 #17.

### 500 ml Pepsi Can (Germany) (In WS models)

Wide Column Set-Up 1 deep

8 – 801,804,96x.x1	flat black shims (4 ea. 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.

### 23.5 oz Arizona Iced Tea Can (United States) (In model 360 WS)

Wide Column Set-Up 1 deep

2 – 801,804,96x.x1	flat black shims (1 ea. side)
1 – 801,806,39x.x1	cam, blue vending
1 – 801,806,40x.x1	cam, gold adjustable
1 – 324,000,30x.x3	can/bottle chute assembly (1 per vender)

Cam setting #1 or 2 notches.  
Rear spacer set in hole #13.  
Remove can retainer (triangle) from oscillator.  
SET DISCHARGE MEMBER AND CLOSURE STRIP FOR BOTTLES.