

**16.9 oz. PET CRYSTAL GEYSER  
WATER BOTTLES**

**S021.2**

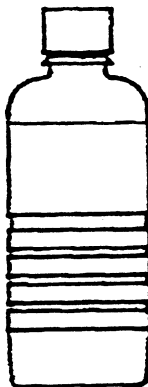
**Models Affected:** 501E Series 90 and 276E Series 90

**Reason:** To supply set-up information to vend the 16.9 oz. PET Crystal Geyser Water Bottles.

**Serial Break:** 501 E-Model Venders Serialized 0001-6368DU and higher.

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Height: 8.19" (208.03mm)  
Width: 2.53" (64.26mm)

16.9 oz Crystal Geyser  
Water Bottle - West Coast  
(Weed, CA)

**Order per Wide Column:**

- 8 - 801,812,04x.x1 flat shim, 3/32" (4 each side next to column wall)
- 4 - 801,809,81x.x1 short flat shim, 3/32" (2 each side)
- 1 - 801,809,80x.x1 vending cam, grey
- 1 - 801,809,79x.x1 adjustable cam, red
- 2 - 801,810,53x.x1 3/32 anti-nosedive shim (1 each side next to bottles)

Cam setting: #3  
Rear spacer setting : Hole 18.

**Order per Narrow Column:**

- 1 - 805,701,14x.x1 can stop shim, right
- 1 - 801,903,72x.x1 bottle divider assembly
- 2 - 609,070,30x.x3 rod and spring assembly
- 1 - 801,904,04x.x1 black tube
- 1 - 801,903,24x.x1 white tube
- 1 - 432,070,17x.x3 sold-out paddle, narrow
- 1 - 609,070,63x.x3 filler shim left (wide part to front of vender)

Cam setting: #5  
Rear spacer setting: Hole 18

# WIDE COLUMN SET-UP AND SHIMMING

1. Unplug the vender.
2. Set the rear spacer in hole #18 top and bottom.
3. Adjust cams to setting #3, which will show four notches.
4. Install the 3/32" shims on each side next to the column wall (see figure 1).
5. Install the 3/32" shims on each side (see figure 2).
6. Install the 3/32" anti-nosedive shim, one on each side next to the bottle (see figure 3).
7. Load the bottles caps to the back.

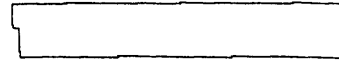
**Important:** The first two bottles are always loaded on the bottom bar of the oscillator.  
The second two bottles are always loaded on the top bar of the oscillator.

8. Plug in the vender and test for proper operation.

Front of  
Vender



**Figure 1**  
3/32" Flat Shim



**Figure 2**  
3/32" Short Flat Shim



**Figure 3**  
3/32" Anti Nosedive Shim  
801,810,53x.x1

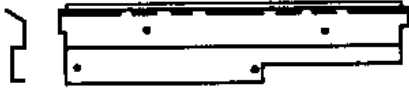
## NARROW COLUMN SET-UP AND SHIMMING

1. Install the narrow sold-out paddle. Hold down the sold-out paddle and make one vend cycle.
2. Unplug the vender.
3. Set the rear spacer in hole #18 top and bottom.
4. Install a rod and spring assembly with black tube in hole "C" front and back of rotor. See the label on the motor cover of the vender.
5. Install a rod and spring assembly with white tube in hole "A" front and back of rotor. See the label on the motor cover of the vender.
6. Install a can stop shim on the right side of the column (see figure 4).
7. Install filler shim left on the left side of the column wall with the wide part to the front of the vender (see figure 7).
8. Adjust cams to setting #5, which will show two notches.
9. To load bottles and install the bottle divider assembly, see steps 10 and 11.
10. To load bottle if the column is sold-out:
  - A) Unhook spring clip ends "A" and "B" and remove Bottle Divider Assembly (see figure 5).
  - B) Load all the rear bottles with caps to the rear.
  - C) Hang Bottle Divider Assembly in position.
    - ◆ Place Bottle Divider Assembly in position with area "D" (see figure 5) towards the front as shown.
    - ◆ Spring clip end "A" (see figure 5) goes in the center hole "C" at the top of the narrow column wall on the left (see figure 6).
    - ◆ Spring clip end "B" (see figure 5) goes in the center hole at the top of the narrow column wall on the right (see figure 6).
  - D) Load all front bottles with caps to the rear.
  - E) Ensure gate strips are open or wire gate is closed.
11. To load Bottle if column is partially full:
  - A) Unhook spring clip ends "A" and "B" (see figure 5) 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.
  - B) Load all rear bottles with caps to the rear.
  - C) Hang Bottle Divider Assembly in position.

Place the Bottle Divider Assembly in position as shown.

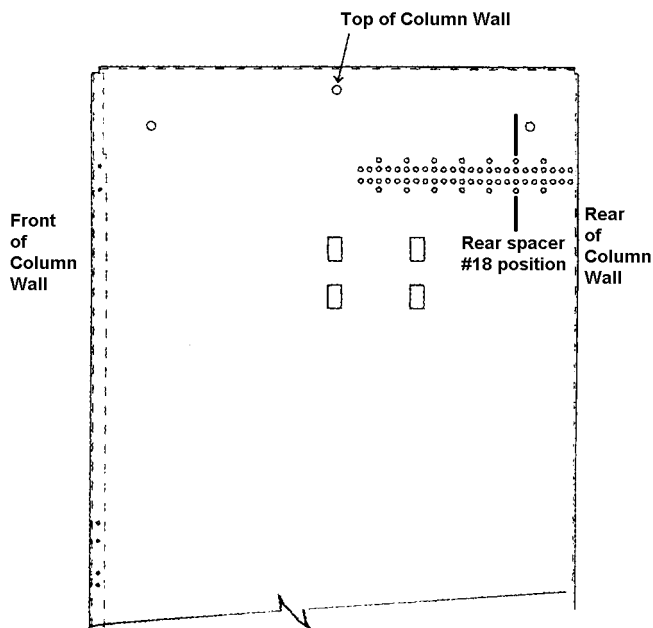
    - ◆ Spring clip end "A" (see figure 5) goes in the center hole at the top of the narrow column wall on the left (see figure 6).
    - ◆ Spring clip end "B" (see figure 5) goes in the center hole at the top of the narrow column wall on the right (see figure 6).
  - D) Load all front bottles with caps to the rear.
  - E) Ensure gate strips are open or wire gate is closed.



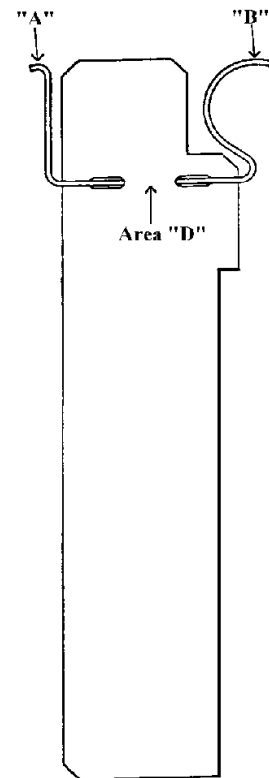
**Figure 4**  
805,701,14x.x3



**Figure 7**  
609,070,63x.x3



**Figure 6**  
**Narrow Column Wall**  
(side view of top half of column wall)



**Figure 5**  
**Bottle Divider Assembly**  
(front view when installed)