

# Technical Bulletin

Bulletin Number: 393 Revision Number: R-08

Release Date: November 14, 1989 Revision Date: January 12, 2000

**SUBJECT:** PATCH PLATES FOR PEPSI MAGNUM, MAGNUM CIRCULAR, AND MPC MAGNUM CIRCULAR VENDERS

**MODELS AFFECTED:** All Pepsi Magnum and Magnum Circular Venders.

**REASON:** To provide patch plates to cover and reinforce areas subject to vandalism.

**SERIAL BREAKS:**

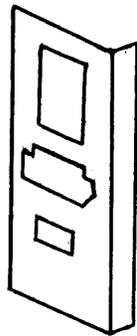
- A. Patch plates for Pepsi Redesigned Magnum Circular \*VRV Venders serialized 0001-6183BS and up.  
See page 2.
- B. Patch plates for Pepsi \*Redesigned Magnum Circular Venders serialized 0001-6000DO to 0001-6183BS.  
See pages 3, 4, 12, and 13.
- C. Patch plates for Pepsi \*Redesigned Magnum Circular Venders serialized 0001-3101AN to 0001-3233DP.  
Except production run 3102AN.  
See pages 5, 6, 12, and 13.
- D. Patch plates for Pepsi Magnum Circular Venders serialized Prior to 0001-3101AN.  
Including production run 3102AN.  
See pages 7, 8, 12, and 13.
- E. Patch plates for Pepsi Magnum (Flat) Venders serialized 0001-2679DH and up.  
See pages 9, 10, 12, and 13.
- F. Patch plates for MPC Pepsi \*Redesigned Magnum Circular Venders serialized 0001-3203DO to 0001-611AR.  
See pages 11, 12, and 13.

Note: See pages 12 and 13 for sample patch plate installations.

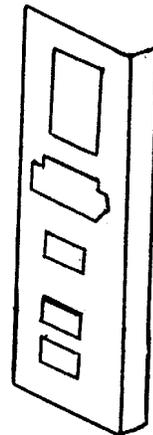
- \* **Redesigned Magnum Circulars have the T-Handle in the coin insert.**
- \* **VRV are Vandal Resistant Venders**

**A**  
**PATCH PLATES**  
**REDESIGNED MAGNUM CIRCULAR VRV**  
**0001-6183BS and up**  
**(See drawings below and page 12)**

Vender Description By Height	Patch Plate Description And Part Number	Carriage Bolt (900.201.560.01) Quantity	Nut (900.800.670.01) Quantity
72" High or Higher	6, 8, & 10 Select - Patch Covers Coin Insert & Bill Validator Area 591.010,02x.x3	5	5
72" Higher or Higher	6, 8, & 10 Select - Patch Covers Coin Insert, Bill Validator, & top two Select Buttons 608,010,01x.x3 Kit# 608,010,20x.x4	11	11
79" High	10 Select – Full Length Control Panel Patch 594,051,04x.x3	30	30
72" High	10 Select – Full Length Control Panel Patch 594,051,02x.x3	28	28
79" High	9 Select – Full Length Control Panel Patch 594,051,03x.x3	30	30
72" High	9 Select – Full Length Control Panel Patch 594,051,01x.x3	28	28
79" High	8 Select – Full Length Control Panel Patch 594,051,07x.x3	30	30
72" High	8 Select – Full Length Control Panel Patch 594,051,11x.x3	27	27
79" High	7 Select – Full Length Control Panel Patch 594,051,06x.x3	30	30
72" High	7 Select – Full Length Control Panel Patch 594,051,09x.x3	27	27
79" High	6 Select – Full Length Control Panel Patch 594,051,05x.x3	30	30
72" High	6 Select – Full Length Control Panel Patch 594,051,08x.x3	27	27



591,010,02x.x3

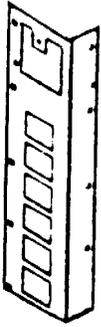


608,010,01x.x3

**B**  
**PATCH PLATES**  
**REDESIGNED MAGNUM CIRCULAR NON VRV**  
**0001-6000DO TO 0001-6183BS**  
(See drawings on pages 4 & 12)

<b>Vender Description By Height</b>	<b>Patch Plate Description And Part Number</b>	<b>Carriage Bolt (900,201,560.01) Quantity</b>	<b>Nut (900,800,670.01) Quantity</b>
72" High or Higher	10 Select - Patch Covers Coin Insert & 10 Select Buttons 000,005,910.06	16	16
66" High or Higher	8 Select - Patch Covers Coin Insert & 8 Select Buttons 000,005,920.06	14	14
66" High or Higher	6 Select - Patch Covers Coin Insert & 6 Select Buttons 000,005,93x.x6	14	14
66" High or Higher	6, 8, and 10 Select - Patch Covers Coin Insert & Top 2 Buttons 000,005,94x.x6	6	6
79" High	8 & 10 Select - Patch Covers Coin Insert to Door Top 000,005,97x.x6	12	12
66" High or Higher	6, 8, & 10 Select - Patch Covers Crown Puller Area 000,005,84x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Covers Validator Opening and Top 2 Buttons 000,006,07x.x6	16	16
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Door 000,005,52x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Replaces Top Door Hinge Retainer 000,005,29x.x6	Use five 3/16" rivets (901,100,49x.x1)	0
66" High or Higher	6, 8, & 10 Select - Opener Bezel Protective Plate 000,005,99x.x6	6	6
72" High	8 Select - Full Length Control Panel Patch 492,010,24x.x3	26	26
79" High	8 Select - Full Length Control Panel Patch 491,010,44x.x3	28	28
72" High	10 Select - Full Length Control Panel Patch 481,010,01x.x3	26	26
79" High	10 Select Full Length Control Panel Patch 499,010,01x.x3	28	28

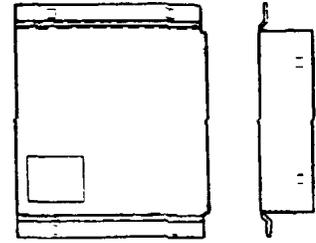
**B**  
**PATCH PLATES**  
**REDESIGNED MAGNUM CIRCULAR NON VRV**  
**0001-6000DO TO 0001-6183BS**



000,005,93x.x6



000,005,97x.x6



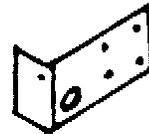
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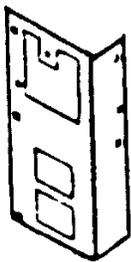
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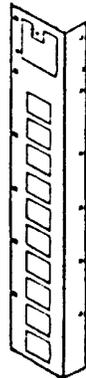
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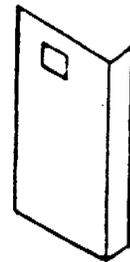
000,005,29x.x6



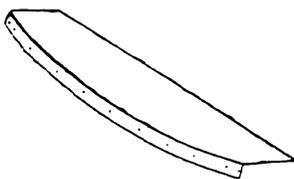
000,005,94x.x6



000,005,91x.x6



000,005,84x.x6

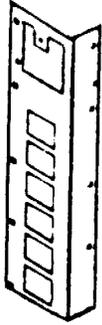


000,005,52x.x6

**C**  
**PATCH PLATES**  
**REDESIGN MAGNUM CIRCULAR NON VRV**  
**0001-3101AN To 0001-3233DP**  
**(See drawings on pages 6 & 12)**

<b>Vender Description By Height</b>	<b>Patch Plate Description And Part Number</b>	<b>Carriage Bolt (900,201,560.01) Quantity</b>	<b>Nut (900,800,670.01) Quantity</b>
72" High or Higher	10 Select - Patch Covers Coin Insert & 10 Select Buttons 000,005,91x.x6	16	16
66" High or Higher	8 Select - Patch Covers Coin Insert & 8 Select Buttons 000,005,92x.x6	14	14
66" High or Higher	6 Select - Patch Covers Coin Insert & 6 Select Buttons 000,005,93x.x6	14	14
66" High or Higher	6, 8, & 10 Select - Patch Covers Coin Insert & Top 2 Buttons 000,005,94x.x6	6	6
72" High or Higher	6, 8, & 10 Select - Patch Covers Coin Insert to Door Top 000,005,97x.x6	12	12
66" High or Higher	6, 8, & 10 Select - Patch Covers Crown Puller Area 000,005,84x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Covers Validator Opening and Top 2 Buttons 000,006,06x.x6	16	16
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Door 000,005,52x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Replaces Top Door Hinge Retainer 000,005,29x.x6	Use five (5) 3/16" rivets (901,100,49x.x1)	0
66" High or Higher	6, 8, & 10 Select - Opener Bezel Protective Plate 000,005,99x.x6	6	6
66" High	8 Select - Full Length Control Panel Patch 415,010,01x.x3	26	26
72" High	8 Select - Full Length Control Panel Patch 423,010,01x.x3	26	26
79" High	8 Select - Full Length Control Panel Patch 422,010,08x.x3	28	28
72" High	10 Select - Full Length Control Panel Patch 424,010,01x.x3	26	26
79" High	10 Select - Full Length Control Panel Patch 421,010,01x.x3	28	28

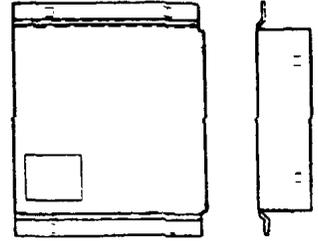
**C**  
**PATCH PLATES**  
**REDESIGN MAGNUM CIRCULAR**  
**0001-3101AN To 0001-3233DP**



000,005,93x.x6



000,005,97x.x6



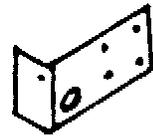
000,005,99x.x6



000,005,92x.x6



000,006,06x.x6



000,005,29x.x6



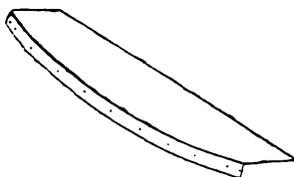
000,005,91x.x6



000,005,94x.x6



000,005,84x.x6

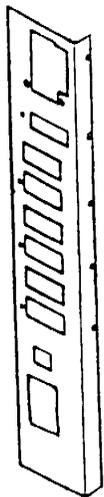


000,005,52x.x6

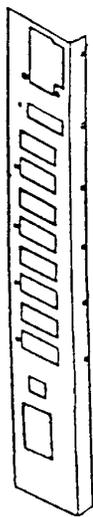
**D**  
**PATCH PLATES**  
**MAGNUM CIRCULAR**  
**Prior to 0001-3101AN**  
**(See drawings on page 8)**

<b>Vender Description By Height</b>	<b>Patch Plate Description And Part Number</b>	<b>Carriage Bolt (900,201,560.01) Quantity</b>	<b>Nut (900,800,670.01) Quantity</b>
72" High or Higher	10 Select - Patch Covers Coin Insert to Bottom of Door 000,005,54x.x6	14	14
66" High or Higher	8 Select - Patch Covers Coin Insert to Bottom of Door 000,005,55x.x6	14	14
66" High or Higher	6 Select - Patch Covers Coin Insert to Bottom of Door 000,005,56x.x6	14	14
66" High or Higher	6, 8, & 10 - Patch Covers Coin Insert & Top 2 Buttons 000,005,57x.x6	6	6
72" High or Higher	6, 8, & 10 Select - Patch Covers Coin Insert to Door Top 000,006,02x.x6	9	9
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Coin Cup to Bottom of Door with Crown Hole 000,005,32x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Coin Cup of Bottom of Door Less Crown Hole 000,005,46x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Replaces Top Door Hinge Retainer 000,005,29x.x6	Use five (5) 3/16" Rivets 901,100,49x.x1	0
72" High or Higher	6, 8, & 10 Select - Top Reinforcement Plate 000,006,04x.x6	8	8
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Door 00,005,52x.x6	6	6
66" High or Higher	6, 8, & 10 Select - Patch Covers Validator Opening & Top 2 Buttons 360,010,19x.x3	7	7

**D**  
**PATCH PLATES**  
**MAGNUM CIRCULAR**  
Prior to 0001-3101AN



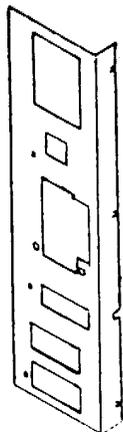
000,005,56x.x6



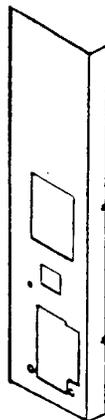
000,005,55x.x6



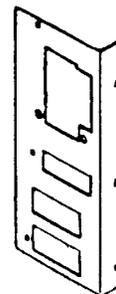
000,005,54x.x6



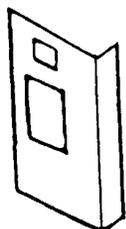
360,010,19x.x3



000,006,02x.x6



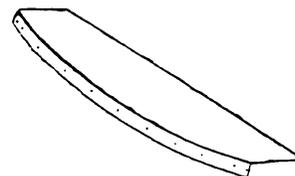
000,005,57x.x6



000,005,32x.x6



000,005,46x.x6

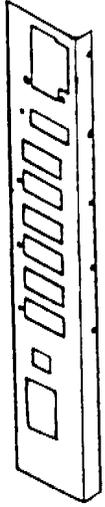


000,005,52x.x6

**E**  
**PATCH PLATES**  
**ALL MAGNUM (FLAT)**  
**0001-2679DH and Up**  
**(See drawings on page 10)**

<b>Vender Description By Height</b>	<b>Patch Plate Description And Part Number</b>	<b>Carriage Bolt (900.201.560.01) Quantity</b>	<b>Nut (900.800.670.01) Quantity</b>
72" High or Higher	10 Select - Patch Covers Coin Insert to Bottom of Door 000,005,33x.x6	14	14
66" High or Higher	8 Select - Patch Covers Coin Insert to Bottom of Door 000,005,48x.x6	14	14
66" High or Higher	6 Select - Patch Covers Coin Insert to Bottom of Door 000,005,49x.x6	14	14
66" High or Higher	6, 8, & 10 Select - Patch Covers Coin Insert and Top 2 Buttons 000,005,41x.x6	6	6
72" High or Higher	6, 8, & 10 Select - Patch Covers Covers Coin Insert to Door Top 000,006,02x.x6	9	9
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Coin Cup to Bottom of Door with Crown Hole 000,005,32x.x5	6	6
66" High or Higher	6, 8, & 10 Select - Patch Covers Top of Coin Cup to Bottom of Door Less Crown Hole 000,005,46x.x6	6	6

**E**  
**PATCH PLATES**  
**ALL MAGNUM (FLAT)**  
**0001-2679DH and Up**



000,005,49x.x6



000,005,48x.x6



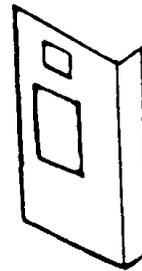
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000,006,02x.x6



000,005,41x.x6



000,005,32x.x6

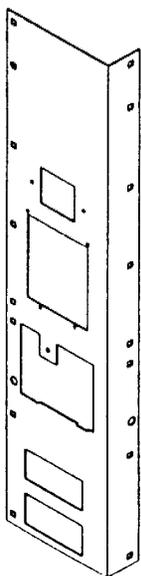


000,005,46x.x6

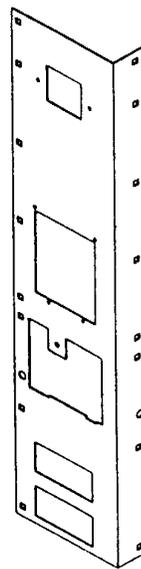


**F**  
**PATCH PLATES**  
**MPC REDESIGNED MAGNUM CIRCULAR**  
**0001-3203DO to 0001-6111AR**  
**(See drawings below)**

Vender Description By Height	Patch Plate Description And Part Number	Carriage Bolt (900.201.560.01) Quantity	Nut (900.800.670.01) Quantity
Original MPC's with .93 (15/16)" Between Bottom of Display & Top of Validator Opening	6, 8, & 10 Select MPC - Patch Covers Display Opening & Top 2 Buttons 526,010,01x.x3	16	16
MPC's with 5.93 (5 15/16)" Between Bottom of Display and Top of Validator Opening	6, 8, & 10 Select MPC - Patch Covers Display Opening & Top 2 Buttons 526,010,02x.x3	16	16



526,010,10x.x3

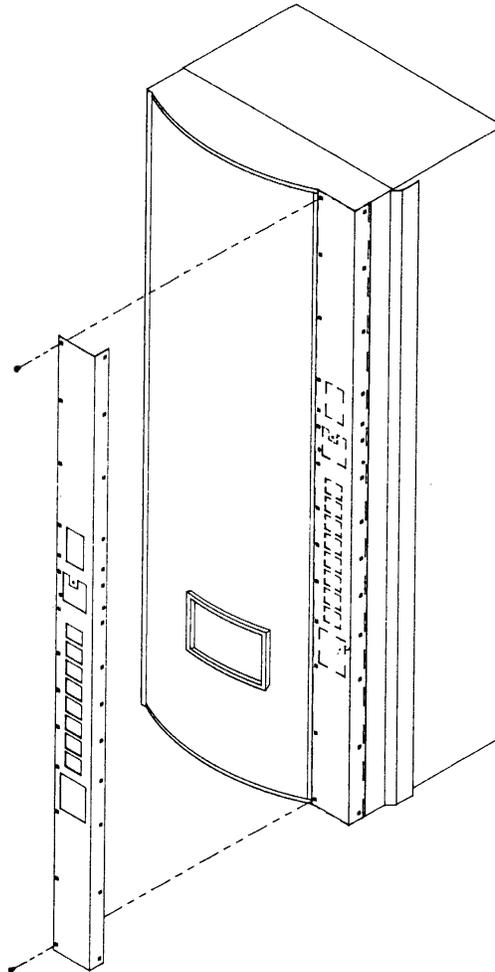


526,010,02x.x3

## RIGHT SIDE PATCH PLATE INSTALLATION

To Install 8 Select Full Length Patch Plate:

1. Due to the extent and variation of vandalism, the application of each patch plate will be controlled largely by the person making the repair.
2. Remove the dollar bill validator.
3. Remove the coin insert casting.
4. Remove the change cup and opener bezel.
5. Remove the T-handle assembly.
6. Remove all accessories from the area the patch plate is to cover.
7. Ready the vandalized area to install the patch plate, i.e., straighten or cut away the damaged areas, being careful to leave enough material to secure the patch plate.
8. Place patch plate into position on the outside of the control panel.
9. Line up the patch plate with the select buttons, making sure the select buttons move freely.
10. Use the patch plate as a template and drill one  $\frac{1}{4}$ " diameter hole at the top and bottom of the control panel.
11. Secure the patch plate in position with carriage bolts and nuts supplied with the kit.
12. Make sure the select buttons are working freely before continuing.
13. Drill the remaining  $\frac{1}{4}$ " diameter holes.
14. Install the remaining carriage bolts and nuts.
15. Check that the select buttons are working freely before continuing.
16. Install the items removed in steps 2 through 6.



## TOP PATCH PLATE INSTALLATION

### To Install:

1. Due to the extent and variation of vandalism, the application of each patch plate will be controlled largely by the person making the repair.
2. Leaving enough space to secure the patch, cut away or straighten the damaged area of the door.
3. It will be necessary to cut or drill a hole in the patch for the top hinge stud.
4. Place the patch in position over the damaged area.
5. With the patch in place, drill six (6)  $\frac{1}{4}$ " diameter holes down into the patch plate and door, i.e., three (3) across the back.
6. Secure the patch with six (6) carriage bolts and nuts.

