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## M087.0 BevMax 3/2 CARD READER INSTALLATION

4/15/08

Models Affected: All DN5800 (BevMax 3/2) Model Venders

Reason: To provide instructions on installing a card reader in DN5800 (BevMax 3/2) machines.

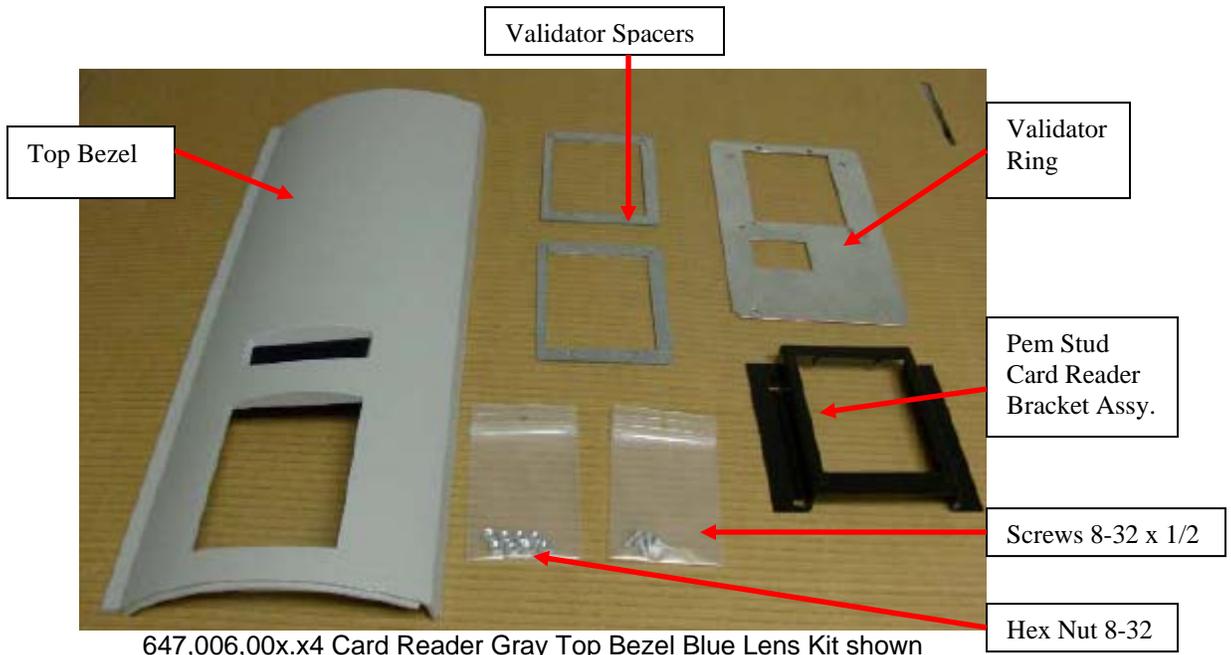
Available kits.

For kit usage see page 2.

For Kit contents see pages 3 and 4.

For install instructions see pages 4 through 6.

Kit Number	Kit Description	Graphic
647,006,40x.x4	Coke Card Reader Top Bezel Kit	Coke BM3
647,006,30x.x4	Dasani Card Reader Top Bezel Kit	Dasani BM3
647,006,60x.x4	Coke Card Reader Center Bezel Kit	Coke BM3
647,006,80x.x4	Dasani Card Reader Center Bezel Kit	Dasani BM3
647,006,50x.x4	Card Reader Gray Center Bezel Kit	Pepsi 3/2
647,006,70x.x4	Card Reader Black Center Bezel Kit	Generic BM3/2
647,006,00x.x4	Card Reader Gray Top Bezel Blue Lens Kit	Pepsi 3/2
647,006,10x.x4	Card Reader Gray Top Bezel Green Lens Kit	Coke BM3 (run 8535)
647,006,20x.x4	Card Reader Black Top Bezel Blue Lens Kit	Generic BM3/2



647,006,00x.x4 Card Reader Gray Top Bezel Blue Lens Kit shown  
Figure 1

Card Reader Tested – use kit checked with X as needed									
Kit Number	Kit Description	Graphic	C-Bord	Black Board	Diebold	AT&T	USA Tech	Vivo Eport	Isochron
647,006,40x.x4	Coke Card Reader Top Bezel Kit	Coke BM3	X	X	X		X	X	X
647,006,30x.x4	Dasani Card Reader Top Bezel Kit	Dasani BM3	X	X	X		X	X	X
647,006,60x.x4	Coke Card Reader Center Bezel Kit	Coke BM3				X			
647,006,80x.x4	Dasani Card Reader Center Bezel Kit	Dasani BM3				X			
647,006,50x.x4	Card Reader Gray Center Bezel Kit	Pepsi 3/2				X			
647,006,70x.x4	Card Reader Black Center Bezel Kit	Generic BM3/2				X			
647,006,00x.x4	Card Reader Gray Top Bezel Blue Lens Kit	Pepsi 3/2	X	X	X				X
647,006,10x.x4	Card Reader Gray Top Bezel Green Lens Kit	Coke BM3 (run 8535)	X	X	X				X
647,006,20x.x4	Card Reader Black Top Bezel Blue Lens Kit	Generic BM3/2	X	X	X				X

Card Reader Tested – use kit checked with X as needed									
Kit Number	Kit Description	Graphic							
647,006,40x.x4	Coke Card Reader Top Bezel Kit	Coke BM3							
647,006,30x.x4	Dasani Card Reader Top Bezel Kit	Dasani BM3							
647,006,60x.x4	Coke Card Reader Center Bezel Kit	Coke BM3							
647,006,80x.x4	Dasani Card Reader Center Bezel Kit	Dasani BM3							
647,006,50x.x4	Card Reader Gray Center Bezel Kit	Pepsi 3/2							
647,006,70x.x4	Card Reader Black Center Bezel Kit	Generic BM3/2							
647,006,00x.x4	Card Reader Gray Top Bezel Blue Lens Kit	Pepsi 3/2							
647,006,10x.x4	Card Reader Gray Top Bezel Green Lens Kit	Coke BM3 (run 8535)							
647,006,20x.x4	Card Reader Black Top Bezel Blue Lens Kit	Generic BM3/2							

## Kit Contents

### **647,006,40x.x4 Coke Card Reader Top Bezel Kit**

#### Contents

- 1 - 647,005,50x.x3 Coke Top Bezel Assy with card reader
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,050,24x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer

### **647,006,30x.x4 Dasani Card Reader Top Bezel Kit**

#### Contents

- 1 - 647,005,40x.x3 Dasani Top Bezel Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,050,24x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer

### **647,006,60x.x4 Coke Card Reader Top Bezel Kit**

#### Contents

- 1 - 647,005,70x.x3 Coke Center Bezel Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,051,40x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer
- 1 - 647,000,84x.x3 Card reader drill fixture

### **647,006,80x.x4 Dasani Card Reader Top Bezel Kit**

#### Contents

- 1 - 647,005,60x.x3 Dasani Center Bezel Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,051,40x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer
- 1 - 647,000,84x.x3 Card reader drill fixture

### **647,006,10x.x4 Gray Card Reader Top Bezel w/ Green Lens Kit (Coke BM3 run 8535 only)**

#### Contents

- 1 - 647,005,10x.x3 Gray Top Bezel w/ Green Lens Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,050,24x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer

**647,006,50x.x4 Gray Card Reader Center Bezel Kit**

Contents

- 1 - 647,005,80x.x3 Gray Center Bezel Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,051,40x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer
- 1 - 647,000,84x.x3 Card reader drill fixture

**647,006,00x.x4 Card Reader Gray Top Bezel Blue Lens Kit**

Contents

- 1 - 647,005,30x.x3 Card Reader Gray Top Bezel Blue Lens Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,050,24x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer

**647,006,70x.x4 Card Reader Black Center Bezel Kit**

Contents

- 1 - 647,005,90x.x3 Card Reader Black Center Bezel Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,051,40x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer
- 1 - 647,000,84x.x3 Card reader drill fixture

**647,006,20x.x4 Card Reader Black Top Bezel Blue Lens Kit**

Contents

- 1 - 647,005,20x.x3 Card Reader Black Top Bezel Blue Lens Assy with card reader opening
- 1 - 647,054,60x.x3 Assy. Pem stud card reader bracket
- 4 - 800,304,21x.x1 Screw, 8-32x1/2
- 8 - 800,801,54x.x1 Hex nut, 8-32
- 1 - 647,050,24x.x3 Validator ring
- 2 - 624,050,84x.x3 Validator spacer

## Installation Instructions Top Bezel Card Reader Mounting:

1. Unplug the vender.
2. Cut the wire tie that secures the display harness to the door assembly. See A, Figure 2.
3. Remove the existing Top Bezel by removing the six screws on the inside of the service door. See B, Figure 2.
4. Remove the existing Top Bezel far enough away from the service door weld assembly to unplug the display harness from the display. See Figure 9.
5. Remove the existing Top Bezel from the vender.
6. Remove the display from the existing Top Bezel. Install the Display on the new Top Bezel.
7. Remove the two door display security plates. See C, Figure 2.
8. Install the Card Reader to the Pem Stud Card Reader Bracket Assembly with four of the 8-32 Hex Nuts included in the kit. See Figures 4 and 5.
9. Place the Card Reader and Bracket Assembly in position on the out side of the Service Door using the four 8-32 x ½ screws included in the kit. See D, Figure 6.
10. Install the Validator Ring included in the kit as shown. Secure it in position with the four 8-32 Hex Nuts included in the kit. See E, Figure 7.
11. Install two of the screws removed in step 7 in the top two screw locations of the Validator Ring for added security. See F, Figure 7.
12. Loosen the clamps that secure the Door Bundle Harness so you can move the Display Harness up through the small square hole in the Validator Ring to plug in the Display.
13. Position the new Top Bezel and plug Display Harness in Display.
14. Place new Top Bezel in position and secure with the six screws removed in step 3. See B, Figure 2 and Figure 8.
15. Wire tie the Display Harness to the Service Door. See A, Figure 2.
16. Secure Door Bundle Harness clamps.
17. Other Card Reader components are to be mounted inside the service area as far away from the controller as possible. The Card Reader Manufacturer should provide the needed brackets or Velcro strips and mounting instructions.
18. **IMPORTANT: DO NOT ROUTE OR TIE THE CARD READER HARNESSING TO THE VENDER HARNESSING.**
19. If a Validator is being used, the 2 Validator Spacers are to be used if needed to space the Validator Stacker back out of the way of the back of the card reader and its harnessing.
20. Check to ensure all wiring is plugged in to proper locations. Check for any damaged wiring.
21. Plug in vender.
22. Test vender for proper operation.

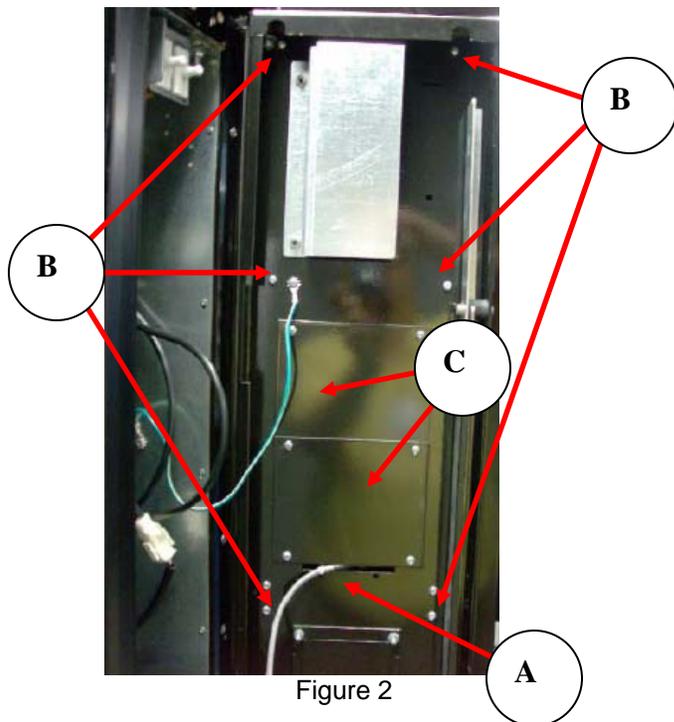


Figure 2



Figure 3



Figure 4



Figure 5

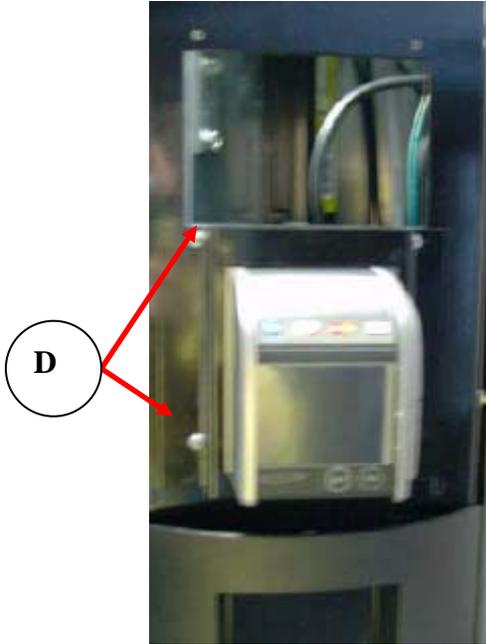


Figure 6

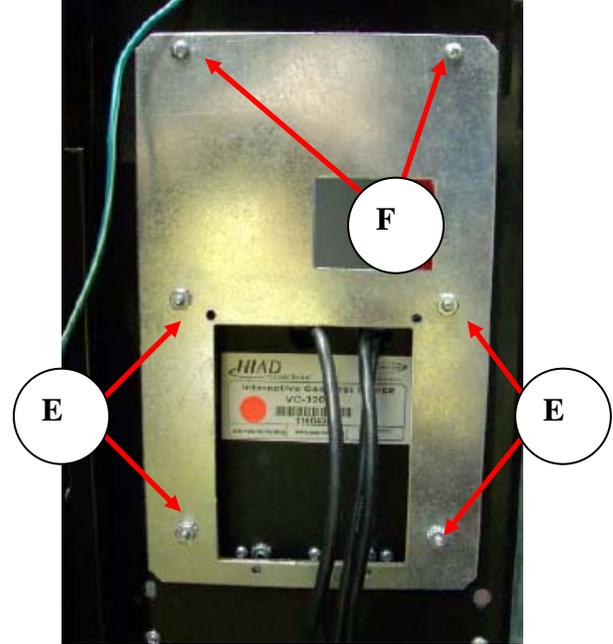


Figure 7



Figure 8



Figure 9