

# CRANE<sup>®</sup> MERCHANDISING SYSTEMS

# SERVICE INFORMATION

## M125.1

**MODELS AFFECTED:** All HVV E Models **Date:** 3/8/12  
**MODEL NUMBERS:** DN600E - HVV, DN501E – HVV, & DN276E - HVV

**RE:** HVV E Models Select Panel Modification for ADA Compliance



**Models affected:** All Pepsi HVV (HT3) E-Model Venders Produced Beginning Production Run 6757DZ (4<sup>th</sup> quarter 2001) and higher.

**Reason:** To Provide Step-by-Step Instructions for the removal of the current Select Panel Assemblies and to change the Select Buttons and Switch Brackets to allow the select buttons to be ADA compliant. If you have any issues please contact your Crane Merchandising Systems Representative or the Technical Service Department at 803-266-5001.



**Order:** 62901030 ADA 600E/501E/276E HVV Upgrade Kit, see list of parts included:

Description	62901030 ADA HVV E Upgrade Kit	QTY
Select Button Jumper Harness	CR0014881	2
Gasket, ¼ X .154 X 7	80181425	8
WELDMENT, ADA PORT	CR0014895	1
1/4-20 KEPS NUT	80080157	1
Installation Instructions	M125.x	1

**Tools Required:**

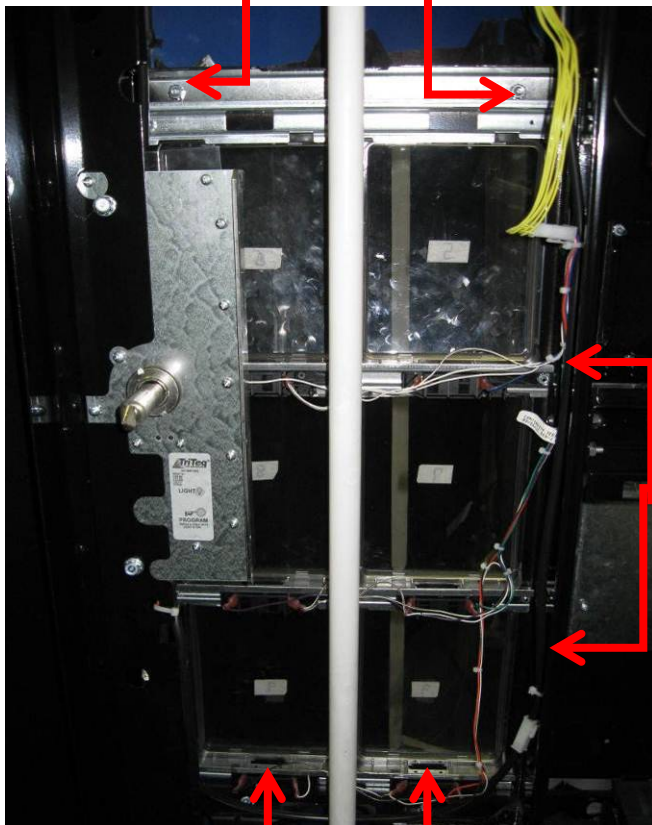
Drill	7/32" drill bit	¼" socket	7/16" socket
1/8" drill bit	Phillips screw driver	3/8" socket	
5/32" drill bit	Wire tie cutter	Socket driver	

# SERVICE INFORMATION

## Inverting HVV Select Buttons

1. Disconnect Main Power from machine.
2. Remove Select Panel Assemblies
  - a. Carefully remove Light Bulbs from machine.
  - b. Disconnect select panel harness making note of which wire connects to which switch. Disconnect and move any other harnesses that are routed behind select panels. Select panel has to be removed from backside of Main door. Note: The E-lock light pipe has to be removed in order to slide out select panel Assembly on left side panel.
  - c. Remove the 6 fasteners that hold the select panel in place. There will be (2) ¼-20 hex nuts located at the top, (2) ¼-20 bolts in the bottom and (2) 8-18 phillips screw in the control box side of the panel. See Picture below.

Remove (2) ¼-20 hex nuts

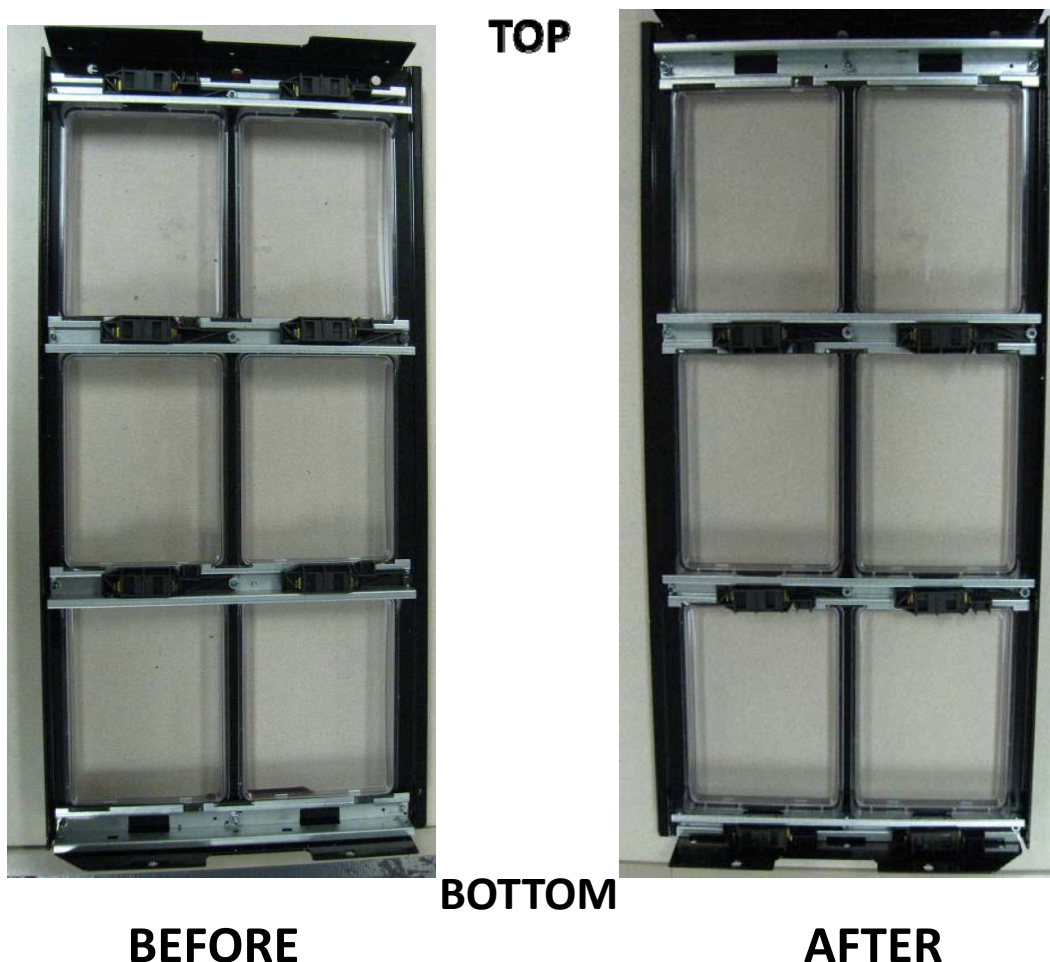


Remove (2) 8-18  
Phillips screws

Remove (2) ¼-20 bolts

# SERVICE INFORMATION

3. Rotating buttons/Select Switch Assembly in Select Panel Assembly.
  - a. Place Assembly on flat table and support the ends of select panel. Disconnect select harness from switches.
  - b. Remove 8/32 hex nuts retaining all Selection Switch Brackets from rear of panel and remove the brackets from panel (Total 4 Per Panel Assembly, (3) Assembly with switches, and 1 Assembly without.)
  - c. Rotate all buttons 180 degrees so that the actuation tabs on the buttons will be positioned downward.
  - d. Inspect the switches and brackets. Replace if necessary. Remove and replace gasket PN 80181425 on back side of switch bracket assembly.
  - e. Install the switch bracket assembly by rotating it 180 degrees from original position it was removed. The Switch bracket assembly with no switches should now be located at the top of the panel instead of the bottom. See Picture below. Reinstall and tighten fasteners. Check to insure all buttons are actuating properly.
  - f. Install selection harness on switches at same button location as they were originally removed. Be sure to inspect harness before installation and replace if necessary. Install wire ties as needed.



# SERVICE INFORMATION

4. Installation of Select Panel Assembly
  - a. Install the select panel assembly back in the machine. Secure panels down with fasteners that were removed during the disassembly process.
  - b. Connect and Route all wiring back to previous location. Install wire ties to hold harnesses in place.
  - c. Use Select panel jumper harness CR0014881 to connect Select harness.
  - d. Carefully install and seat light bulbs and light boots in machine.
5. Plug machine power in and test each button selection to ensure they are working properly.