

Technical Bulletin

Bulletin Number: 517
Release Date: 9/15/05

Revision Number: _____
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Subject: P Series Vend Sensor

Models Affected: All P Series Venders

Serial Break: P Series Venders – Venders serialized TBD (7659-0001BD) and higher have a new Vend Sensor factory installed. Note P Series Venders shipped after July 5th, 2005 have the new Vend Sensor factory installed. The new Vend Sensor is identified with a “C” or a green dot on the front of its mounting bracket (See Figures 1 and 2 below).

Reason: To reduce the line noise to the control board which has the potential to cause fluctuations in the temperature reading sent to the control board. This in turn may cause the Refrigeration Unit to run all the time or not at all. This will appear on the display as the temperature jumping up and/or down. Correct function will show a temperature and it will gradually move down or up.

Order: 1 – 639,010,00x.x3 Vend Sensor Board Housing Assembly
Includes: 1 – 639,070,41x.x3 Housing, Vend Sensor Board
4 – 801,904,55x.x1 Standoff, reverse lock
1 – 804,921,92x.x1 Sensor, Assembly Vend

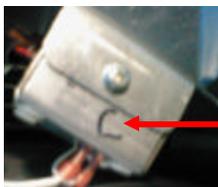


Figure 1

“C” good

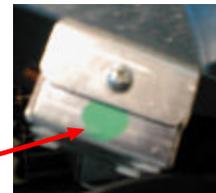


Figure 2

“Green Dot” good

No “C” or Green Dot potential issue.

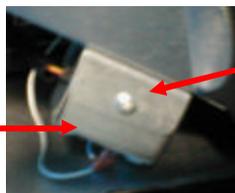
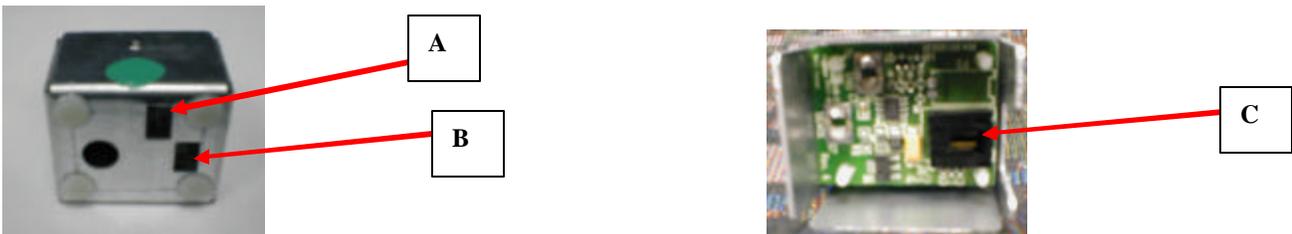


Figure 3

A

Installation instructions:

1. Unplug the vender.
2. Open the main door and remove the screw securing the Vend Sensor Board Housing Assembly to the vend chute (See A Figure 3). **IMPORTANT:** Be careful not to damage the wiring connected to the sensor.
3. Carefully unplug the 3 connectors from the existing vend sensor.
4. Place the new vend sensor in position and plug in the connectors. It is important to plug the connectors to the correct terminal of the sensor for the sensor to operate correctly.
 - a. Plug sensor ground wire from the vend chute to the connector A in Figure 4.
 - b. Plug the sensor sense plate wire from the vend chute to the connector B in Figure 4.
 - c. Plug in harness to connector "C" in Figure 4.



5. Secure new Vend Sensor to vend chute using screw removed in step 2.
6. Plug in the vender and test for proper operation.