



*Wayne*

Vista Dispenser  
Card Reader Grounding  
Kit P/N 891255-002

# INSTALLATION



## READ THIS MANUAL BEFORE YOU BEGIN

Dispensers have both electricity and a hazardous, flammable and potentially explosive liquid. Failure to follow the below precautions and the Warning and Caution instructions in this manual may result in serious injury. Follow all rules, codes and laws that apply to your area and installation.

### SAFETY PRECAUTIONS - INSTALLATION AND MAINTENANCE

Always make sure ALL power to the dispenser is turned OFF before you open the dispenser cabinet for maintenance. Physically lock, restrict access to, or tag the circuit breakers you turn off when servicing the dispenser. Be sure to trip (close) the emergency valve(s) under the dispenser BEFORE beginning maintenance.

Make sure that you know how to turn OFF power to the dispenser and submersible pumps in an emergency. Have all leaks or defects repaired immediately.

### EQUIPMENT PRECAUTIONS

Be sure to bleed all air from product lines of remote dispensers and prime suction pumps before dispensing product, otherwise, damage to the equipment may occur. Always use the approved method for lifting the dispenser. Never lift by the nozzle boot, sheet metal, valance, etc., otherwise equipment damage or personal injury may occur.

### HOW TO CONTACT WAYNE

Trouble with the installation and operation of the dispenser should be referred to your authorized Wayne service personnel or Wayne Technical Support (1-800-926-3737).

### INDICATORS AND NOTATIONS

**DANGER**

Danger indicates a hazard or unsafe practice which, if not avoided, will result in severe injury or possibly death.

**WARNING**

Warning indicates a hazard or unsafe practice which, if not avoided, may result in severe injury or possibly death.

**CAUTION**

Caution indicates a hazard or unsafe practice which, if not avoided, may result in minor injury.

**NOTE:**

Important information to consider, otherwise, improper installation and/or damage to components may occur.

# 1 INTRODUCTION

This manual provides instructions for installing the Vista dispenser Card Reader Grounding Kit, part number 891255-002. This kit is used for discharging static charge buildup on credit cards. The kit provides the necessary parts and instructions for replacing the card reader cable. This kit may be used on any Vista dispenser.

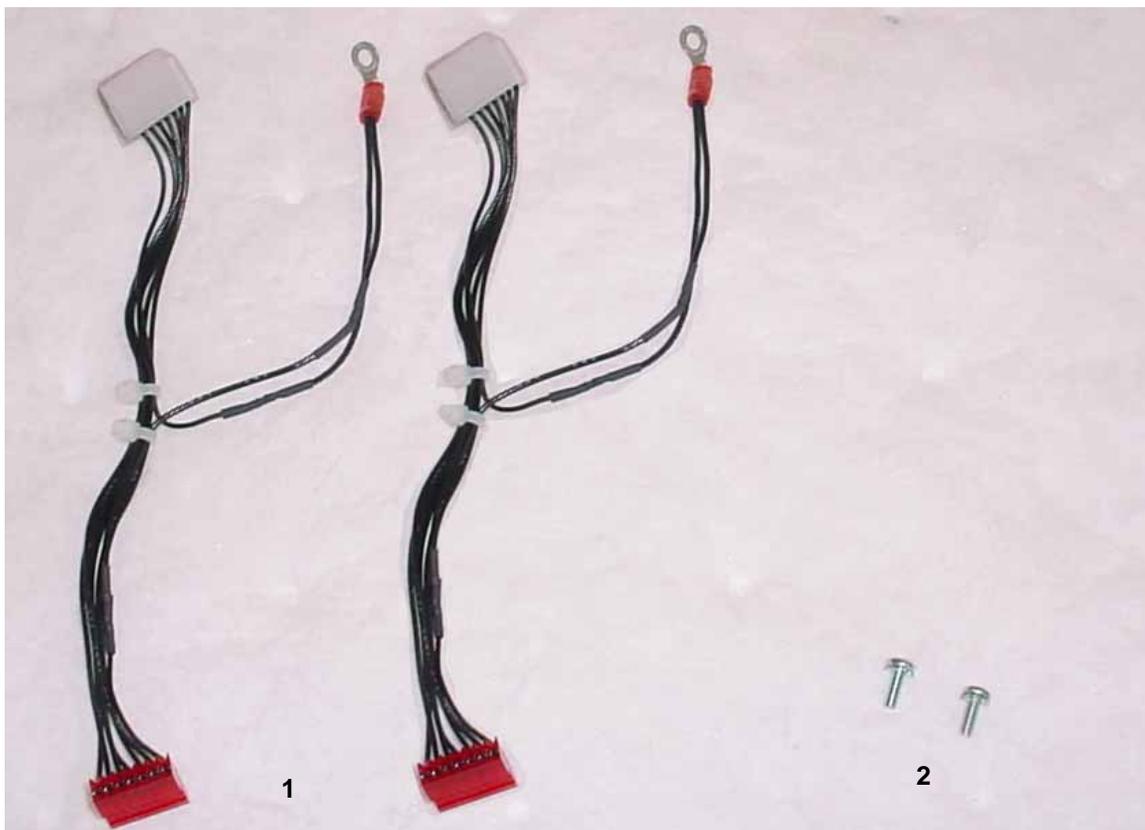
Address questions concerning installation of this kit to Wayne Technical Support at 1-800-926-3737.

## 1.1 Kit Parts Description

Prior to installation, inspect the kit and ensure that it contains all the required parts as listed in Table 1. Item numbers shown in the table are referenced to Figure 1.

**Table 1 Parts Included in the 891255-002 Kit**

Part Number	Description	Qty	Item No.
850350-001	Card Reader Cable, Vista	2	1
6005909	Screw, #8-32	2	2
920874	Installation Manual	1	3 not shown



**FIGURE 1. Parts in the Kit.**

## 1.2 Tools Required

Phillips screwdriver

## 1.3 Safety Precautions

Before beginning the installation of this kit, block off the work area with safety cones.

NOTE: These retrofit kits require installation of several wiring and hardware assemblies. Any installation or modification must comply with the requirements of the National Electrical Code (NFPA 70), and NFPA 30 and any other applicable codes.

NFPA 30A states that:

“When maintenance to Class 1 dispensing devices becomes necessary and such maintenance may allow the accidental release or ignition of liquid, the following precautions shall be taken before such maintenance is begun:

- Only persons knowledgeable in performing the required maintenance shall perform the work.
- All electrical power to the dispensing device and pump serving the dispenser shall be shut off at the main electrical disconnect panel.
- The emergency shut-off valve at the dispenser, if installed, shall be closed.
- All vehicle traffic and unauthorized persons shall be prevented from coming within 20 ft.(6 m) of the dispensing device. ”



### WARNING

**Electric shock hazard! More than one disconnect switch may be required to de-energize the dispenser for maintenance and servicing. Use a voltmeter to make sure ALL circuits in the dispenser are de-energized. Failure to do so may result in serious injury or death.**

Lockout/Tagout requirements of the U. S. Dept. of Labor, Occupational Safety and Health Administration (OSHA) may also apply. Refer to Title 29, Part 1910 of the Code of Federal Regulations (29CFR1910), *Control of Hazardous Energy Source (Lockout/Tagout)*.



### WARNING

**Do not use AC or DC powered tools when servicing dispensers. To do so may create an explosion and fire hazard. Failure to adhere to this warning may result in serious injury or death.**

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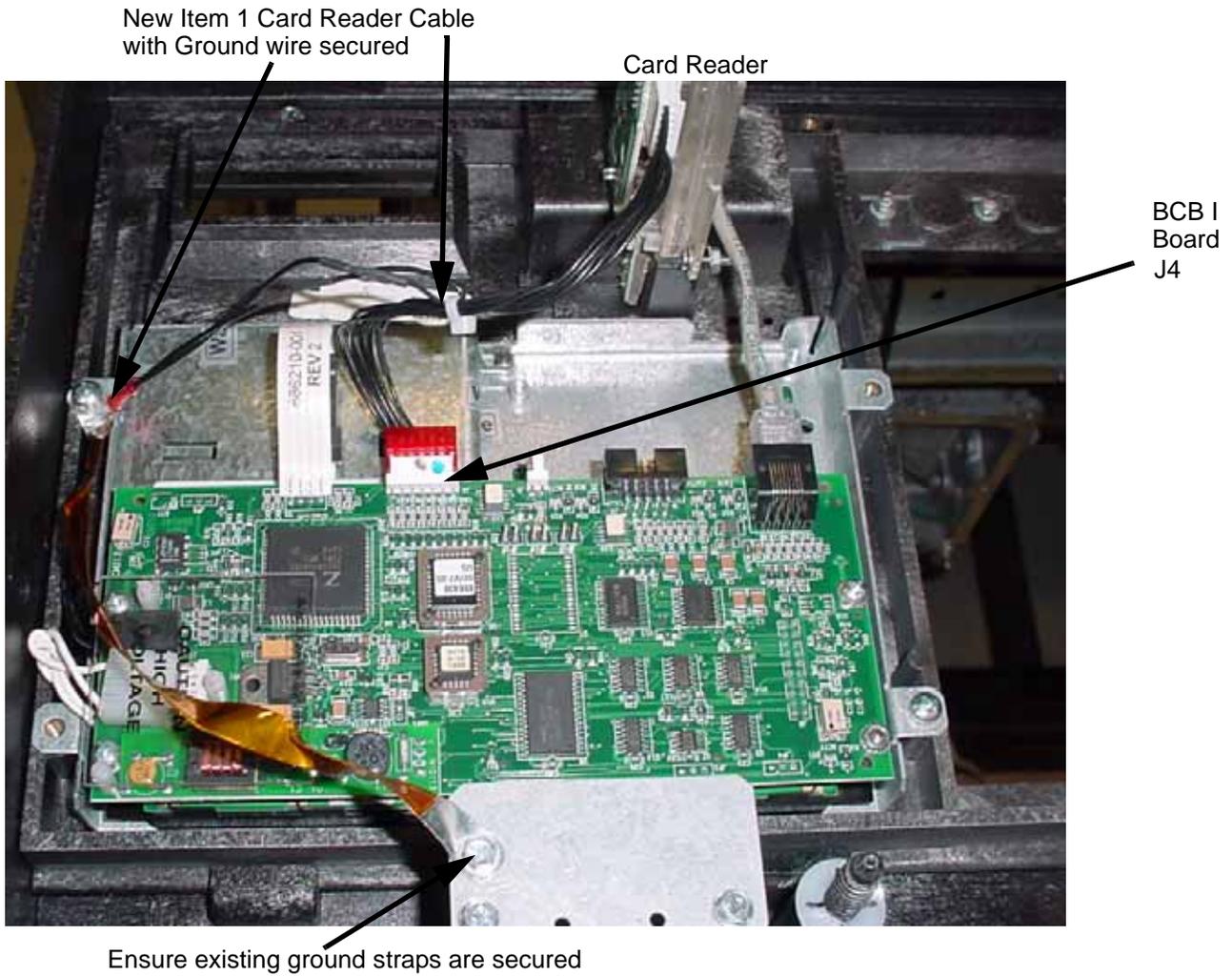
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## **2 INSTALLATION**

Before beginning the installation, adhere to the safety precautions listed in Section 1.3.

### **2.1 Installation Instructions**

1. Lower bezel and power down the dispenser.
2. Remove the card reader cable between the card reader and the BCB I board J4 (Figure 2 Dual CAT board models) or Interface board J1 (Figure 3 Legacy CAT board models). Discard the cable.
3. Connect the new Card Reader Cable (item 1) between the card reader and the BCB I J4, (or Interface board J1) whichever applies and secure the ground wire under the left bracket screw as shown. Reuse existing screw or use new (item 2) Screw.
4. Ensure that chassis ground straps are secured as shown.
5. Power up dispenser and close bezel.
6. Check card reader operation.



**FIGURE 2. For Vista models using Dual CAT Control Board.**

New Item 1 Card Reader Cable connects to Interface board J1 with Ground wire secured under bracket screw.



Card Reader

Ensure existing ground straps are secured

**FIGURE 3. For Vista models using Legacy CAT Control Board.**



# INSTALLATION MANUAL

## Card Reader Grounding Kit for Vista Dispensers

Written by S. G. Martin

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**Dresser Wayne, Dresser, Inc., is located at 3814 Jarrett Way, Austin TX 78728.  
Wayne's general telephone number is (512)-388-8311.**

NOTE: "This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense."

