

INSTALLATION

Preset Keypad Kit
P/N 890142-001 for
Ovation Dispensers





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.

Preset Keypad Kit
for
Ovation Dispensers

Installation

1 INTRODUCTION

This manual provides instructions for installing the Ovation Preset Kit, pn 890142-001. The kit provides the necessary parts and instructions for adding the preset keypad underneath the card reader on the service door on both sides of the dispenser.

Questions concerning installation of this kit may be addressed to Wayne Technical Support (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 and shown in Figure 1.

Table 1 Parts Included in the 890142-001 Kit

Part Number	Description	QTY	Item No.
010-129818	Gasket	2	1
890218-001	Preset Keypad Ass'y	2	2
886486-001	Cable	2	3
920772	Instruction Manual	1	4 (not shown)

Item numbers are referenced to Figure 1 below.



FIGURE 1 Parts Included in Kit. *Item numbers referenced to Table 1.*

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.¹”



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.

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)*.

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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. Turn off AC power to the dispenser at the circuit breaker inside the building.
2. Open the top service doors on both sides of the dispenser.
3. Remove the blank keypad cover assembly located underneath the the card reader by removing the (4) screws, see Figure 2; save screws.
4. Inspect gasket around keypad opening. If keypad gasket is damaged, replace with new (item 1) gasket as per Figure 2 instruction.
5. Install the 890218-001 Preset Keypad Ass'y (item 2) under the card reader using the (4) screws from above step, see Figure 3
6. Connect 886486-001 Cable (item 3) from the keypad board J1 (top left on board) to the QCAT board J4 (bottom center on board, see Figure 3).
7. Repeat steps 3 - 6 on opposite side of dispenser.
8. Close service doors. See installed preset Figure 4.
9. Turn On the dispenser circuit breaker and check preset operation.

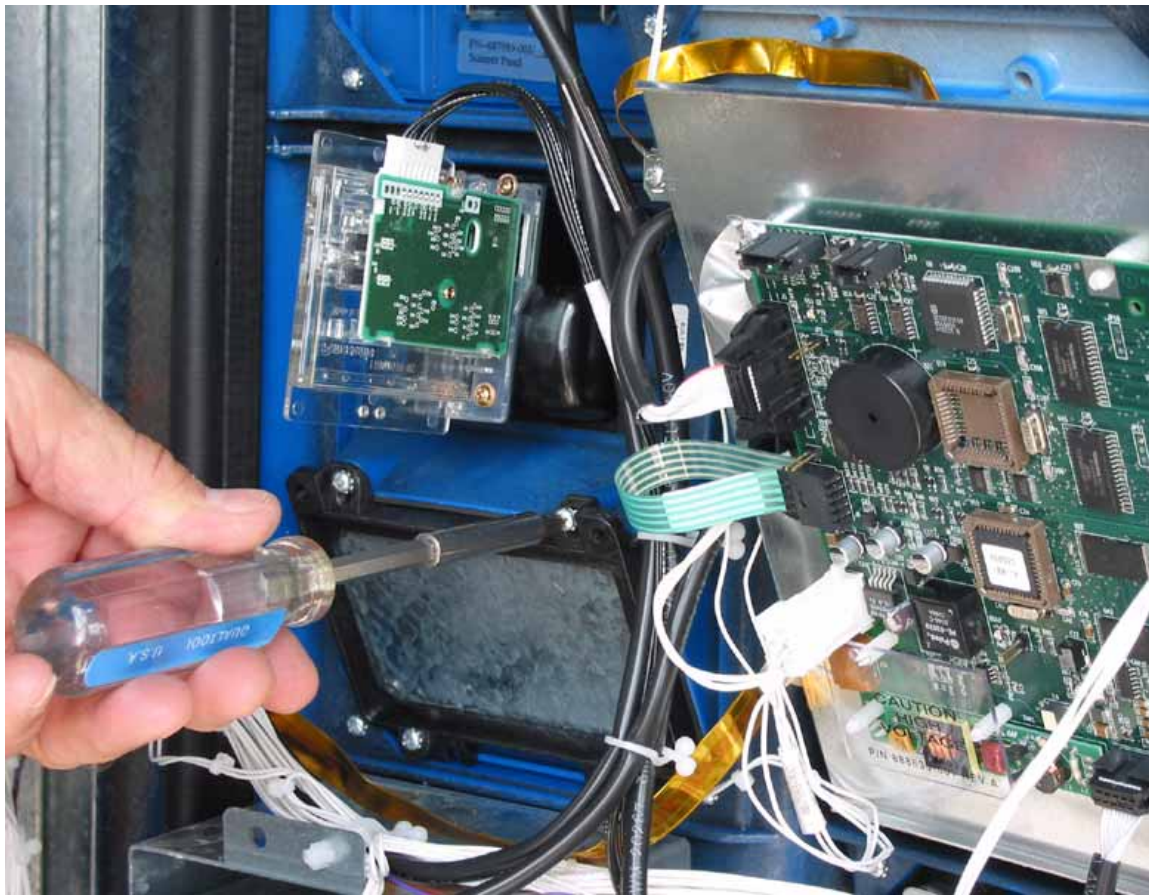
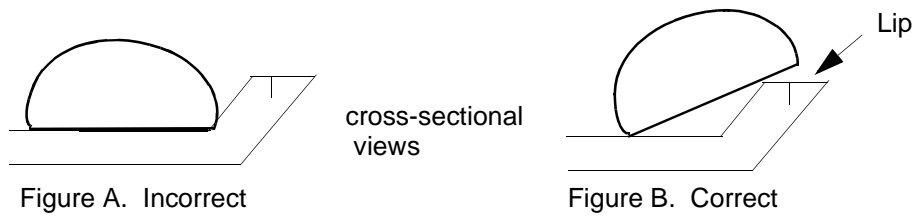
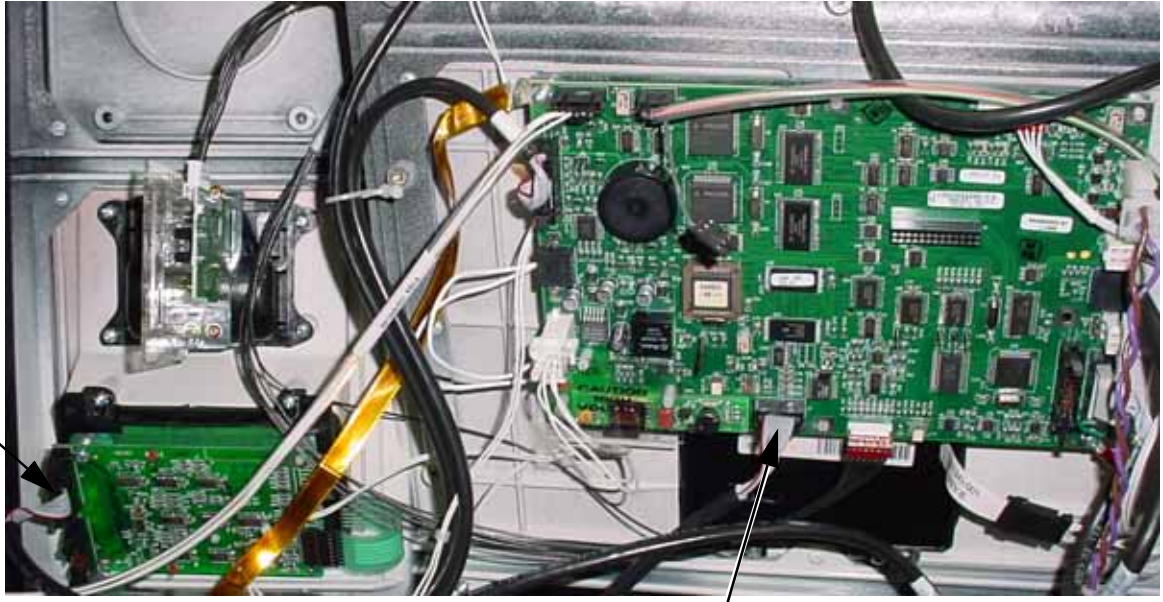


FIGURE 2. After removing blank keypad cover plate, inspect the keypad gasket on the panel. If damaged, remove the gasket, clean surface and install new (item 6) gasket. Apply gasket, starting at the top center on the panel window and continuing clockwise around the edge until the ends overlap; then, trim excess so that the ends meet flush. If the gasket is cut too short, remove it and start over with a new gasket. Also, note that the new gasket should not sit flat down around the lip of the window as shown in Figure A. The gasket should be applied up on the edge of the opening as shown in Figure B.



Preset Keypad Assembly J1



J4 Preset Connection

FIGURE 3.



Preset Keypad

FIGURE 4.

INSTALLATION MANUAL

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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."

