

## Introduction

### Purpose

This manual provides instructions to install the following Dispenser Gasket Kits (M12962K0XX) on Encore® S/E-CIM™/700 units. The kits and their contents are as follows:

- **M12962K001 Basic Kit:** Price per Unit (PPU) shield and gaskets for top of bezel and card reader.
- **M12962K002 Premium Kit:** M12962K001 Kit, gaskets for printer door, printer chute, 5.7-inch CRIND® display, and Encrypting PIN Pad (EPP) keypad.
- **M12962K003 Premium Kit:** M12962K001 Kit, gaskets for printer door, printer chute, 10.4-inch CRIND display, and EPP keypad.
- **M12962K011 Basic Kit for EMV®:** PPU shield, gasket for top of bezel, and all three EMV CRIND component gaskets.
- **M12962K012 Premium Kit:** M12962K011 Kit and gaskets for printer door and printer chute.

*Note: Each kit has parts for 12 fueling positions.*

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### Required Tools and Materials

Following tools and materials are required for installing the Dispenser Gasket Kits:

- 1/4-inch Nut Driver
- Paper Towels
- Putty Knife
- Razor Blade
- Isopropyl Alcohol
- Electrostatic Discharge (ESD) Wrist Strap

## Related Documents

Document Number	Title	GOLD <sup>SM</sup> Library
MDE-3804	Encore and Eclipse® Start-up/Service Manual	<ul style="list-style-type: none"> <li>Encore and Eclipse</li> <li>Service Manual</li> </ul>
MDE-3893	Encore and Eclipse Owner's Manual	<ul style="list-style-type: none"> <li>Encore and Eclipse</li> <li>Encore and Eclipse Installers</li> <li>Domestic Warranty &amp; Owner's Manuals</li> <li>Export Warranty &amp; Owner's Manuals</li> </ul>
MDE-5165	Card Reader Door Boss Repair Kit (M07450K999) Installation Instructions	<ul style="list-style-type: none"> <li>Encore and Eclipse</li> <li>Kit Selection</li> <li>FlexPay EMV</li> </ul>
PT-1936	Encore Series Pumps and Dispensers Illustrated Parts Manual	<ul style="list-style-type: none"> <li>Encore and Eclipse</li> <li>Encore and Eclipse Installers</li> <li>Parts Manual</li> </ul>

## Parts List

Following table lists the parts included in the M12962K001 Kit:

Item	Description	Part Number	Quantity
1	PPU Shield Assembly	M12962A001	12
2	Plastic Flat Washer (170 X 0.375 X 0.030")	Q10385-09	36
3	Thread Cutting Screw	Q11677-24	12
4	Card Reader Gasket (Non-adhesive)	M13127B006	12
5	Gasket Strip	Q11899-25	12
6	3M™ 2084 Sealant	END-1456	1

Following table lists the parts included in the M12962K002 Kit:

Item	Description	Part Number	Quantity
1	PPU Shield Assembly	M12962A001	12
2	Plastic Flat Washer (170 X 0.375 X 0.030")	Q10385-09	36
3	Thread Cutting Screw	Q11677-24	20
4	Card Reader Gasket (Non-adhesive)	M13127B006	12
5	Gasket Strip	Q11899-25	12
6	3M 2084 Sealant	END-1456	1
7	Printer Chute Gasket	M13131B001	12
8	5.7" E-CIM Printer Gasket Kit (see <a href="#">Figure 1</a> on <a href="#">page 3</a> )	M13130K001	12
9	EPP Keypad Gasket	M13209B002	15

Following table lists the parts included in the M12962K003 Kit:

Item	Description	Part Number	Quantity
1	PPU Shield Assembly	M12962A001	12
2	Plastic Flat Washer (170 X 0.375 X 0.030")	Q10385-09	36
3	Thread Cutting Screw	Q11677-24	20
4	Card Reader Gasket (Non-adhesive)	M13127B006	12
5	Gasket Strip	Q11899-25	12
6	3M 2084 Sealant	END-1456	1
7	Printer Chute Gasket	M13131B001	12

Item	Description	Part Number	Quantity
8	10.4" E-CIM Color Gasket Kit (see <a href="#">Figure 2</a> on <a href="#">page 4</a> )	M13133K001	12
9	EPP Keypad Gasket	M13209B002	15

Following table lists the parts included in the M12962K011 Kit:

Item	Description	Part Number	Quantity
1	PPU Shield Assembly	M12962A001	12
2	Plastic Flat Washer (170 X 0.375 X 0.030")	Q10385-09	36
3	Thread Cutting Screw	Q11677-24	20
4	EMV Display Gasket Kit (see <a href="#">Figure 3</a> on <a href="#">page 4</a> )	M13128K004	13
5	Gasket Strip	Q11899-25	12
6	3M 2084 Sealant	END-1456	1
7	Card Reader Gasket	M13127B006	1

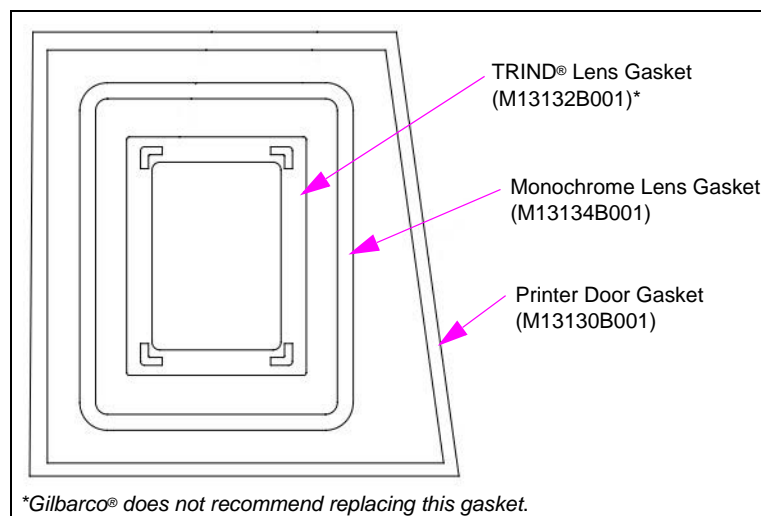
*Note: Card Reader Gasket (M13127B006) is no longer part of the M13128K004 Kit. It is now a standalone part.*

Following table lists the parts included in the M12962K012 Kit:

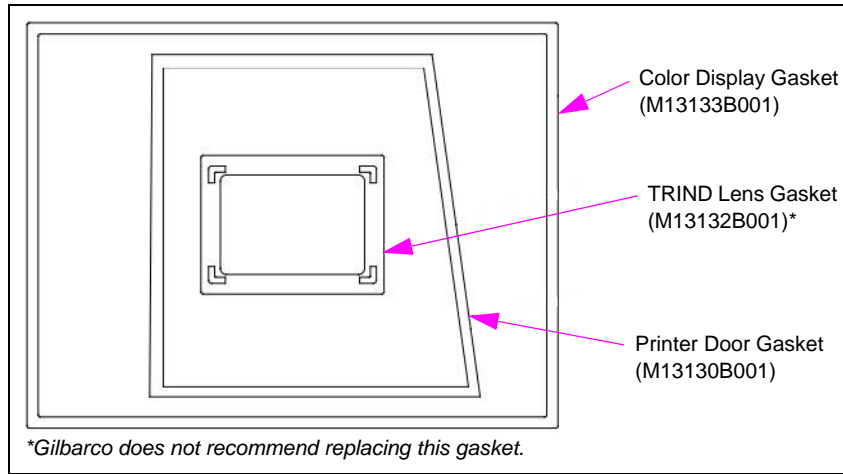
Item	Description	Part Number	Quantity
1	PPU Shield Assembly	M12962A001	12
2	Plastic Flat Washer (170 X 0.375 X 0.030")	Q10385-09	36
3	Thread Cutting Screw	Q11677-24	20
4	EMV Display Gasket Kit (see <a href="#">Figure 3</a> on <a href="#">page 4</a> )	M13128K004	13
5	Gasket Strip	Q11899-25	12
6	3M 2084 Sealant	END-1456	1
7	Printer Chute Gasket	M13131B001	12
8	5.7" E-CIM Printer Gasket Kit (see <a href="#">Figure 1</a> )	M13130K001	13
9	E-CIM, SPOT Rain Shield	M13847B001	12
10	Push-in-cable Clip	M07914B001	24
11	Card Reader Gasket	M13127B006	1

*Note: Card Reader Gasket (M13127B006) is no longer part of the M13128K004 Kit. It is now a standalone part.*

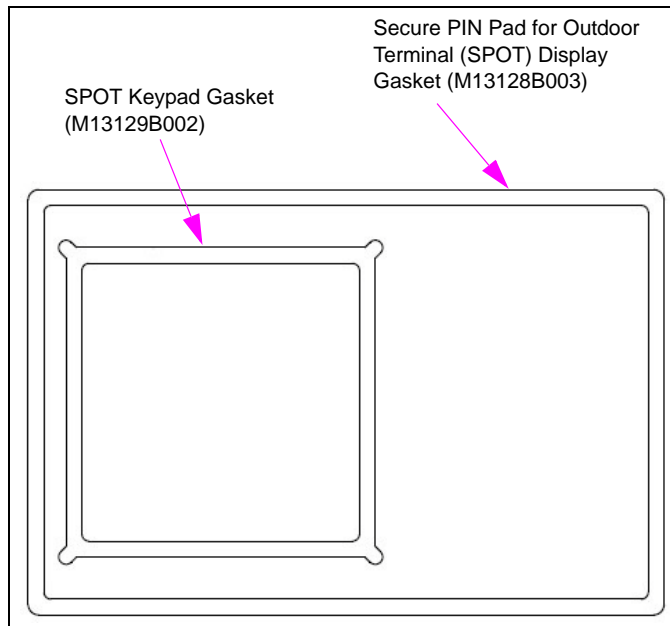
**Figure 1: 5.7-inch E-CIM Printer Gasket Kit (M13130K001)**



**Figure 2: 10.4-inch E-CIM Color Gasket Kit (M13133K001)**



**Figure 3: EMV Display Gasket Kit (M13128K004)**



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## Abbreviations and Acronyms

<b>Term</b>	<b>Description</b>
ADA	Americans with Disabilities Act
CD	Computer Display
CRIND	Card Reader in Dispenser
E-CIM	Enhanced Customer Interface Module
EMV	Europay®, MasterCard®, and Visa®
EPP	Encrypting PIN Pad
ESD	Electrostatic Discharge
GOLD	Gilbarco Online Documentation
OSHA	Occupational Safety and Health Administration
PPU	Price per Unit
SPOT	Secure PIN Pad for Outdoor Terminal
TRIND	Transmitter/Receiver in Dispenser
TRP	Technician Resources Page
UL®	Underwriters Laboratories

# Important Safety Information

**Notes: 1) Save this Important Safety Information section in a readily accessible location.**

**2) Although DEF is non-flammable, Diesel is flammable. Therefore, for DEF cabinets that are attached to Diesel dispensers, follow all the notes in this section that pertain to flammable fuels.**

This section introduces the hazards and safety precautions associated with installing, inspecting, maintaining, or servicing this product. Before performing any task on this product, read this safety information and the applicable sections in this manual, where additional hazards and safety precautions for your task will be found. Fire, explosion, electrical shock, or pressure release could occur and cause death or serious injury, if these safe service procedures are not followed.


## Preliminary Precautions


You are working in a potentially dangerous environment of flammable fuels, vapors, and high voltage or pressures. Only trained or authorized individuals knowledgeable in the related procedures should install, inspect, maintain, or service this equipment.

## Emergency Total Electrical Shut-Off

The first and most important information you must know is how to stop all fuel flow to the pump/dispenser and island. Locate the switch or circuit breakers that shut off all power to all fueling equipment, dispensing devices, and Submerged Turbine Pumps (STPs).

**⚠ WARNING**

 The EMERGENCY STOP, ALL STOP, and PUMP STOP buttons at the cashier's station WILL NOT shut off electrical power to the pump/dispenser. This means that even if you activate these stops, fuel may continue to flow uncontrolled.

 You must use the TOTAL ELECTRICAL SHUT-OFF in the case of an emergency and not the console's ALL STOP and PUMP STOP or similar keys.

## Total Electrical Shut-Off Before Access

Any procedure that requires access to electrical components or the electronics of the dispenser requires total electrical shut off of that unit. Understand the function and location of this switch or circuit breaker before inspecting, installing, maintaining, or servicing Gilbarco equipment.

## Evacuating, Barricading, and Shutting Off

Any procedure that requires access to the pump/dispenser or STPs requires the following actions:



- An evacuation of all unauthorized persons and vehicles from the work area
- Use of safety tape, cones, or barricades at the affected unit(s)
- A total electrical shut-off of the affected unit(s)

## Read the Manual

Read, understand, and follow this manual and any other labels or related materials supplied with this equipment. If you do not understand a procedure, call a Gilbarco Authorized Service Contractor or call the Gilbarco Support Center at 1-800-800-7498. It is imperative to your safety and the safety of others to understand the procedures before beginning work.

## Follow the Regulations

Applicable information is available in National Fire Protection Association (NFPA) 30A; *Code for Motor Fuel Dispensing Facilities and Repair Garages*, NFPA 70; *National Electrical Code (NEC)*, Occupational Safety and Health Administration (OSHA) regulations and federal, state, and local codes. All these regulations must be followed. Failure to install, inspect, maintain, or service this equipment in accordance with these codes, regulations, and standards may lead to legal citations with penalties or affect the safe use and operation of the equipment.

## Replacement Parts

Use only genuine Gilbarco replacement parts and retrofit kits on your pump/dispenser. Using parts other than genuine Gilbarco replacement parts could create a safety hazard and violate local regulations.

## Safety Symbols and Warning Words

This section provides important information about warning symbols and boxes.

### Alert Symbol



This safety alert symbol is used in this manual and on warning labels to alert you to a precaution which must be followed to prevent potential personal safety hazards. Obey safety directives that follow this symbol to avoid possible injury or death.

### Signal Words

These signal words used in this manual and on warning labels tell you the seriousness of particular safety hazards. The precautions below must be followed to prevent death, injury, or damage to the equipment:



**DANGER:** Alerts you to a hazard or unsafe practice which will result in death or serious injury.



**WARNING:** Alerts you to a hazard or unsafe practice that could result in death or serious injury.



**CAUTION with Alert symbol:** Designates a hazard or unsafe practice which may result in minor injury.

**CAUTION without Alert symbol:** Designates a hazard or unsafe practice which may result in property or equipment damage.

## Working With Fuels and Electrical Energy

### Prevent Explosions and Fires

Fuels and their vapors will explode or burn, if ignited. Spilled or leaking fuels cause vapors. Even filling customer tanks will cause potentially dangerous vapors in the vicinity of the dispenser or island.

DEF is non-flammable. Therefore, explosion and fire safety warnings do not apply to DEF lines.

**No Open Fire**



Open flames from matches, lighters, welding torches, or other sources can ignite fuels and their vapors.

**No Sparks - No Smoking**



Sparks from starting vehicles, starting, or using power tools, burning cigarettes, cigars, or pipes can also ignite fuels and their vapors. Static electricity, including an electrostatic charge on your body, can cause a spark sufficient to ignite fuel vapors. Every time you get out of a vehicle, touch the metal of your vehicle, to discharge any electrostatic charge before you approach the dispenser island.

**Working Alone**

It is highly recommended that someone who is capable of rendering first aid be present during servicing. Familiarize yourself with Cardiopulmonary Resuscitation (CPR) methods, if you work with or around high voltages. This information is available from the American Red Cross. Always advise the station personnel about where you will be working, and caution them not to activate power while you are working on the equipment. Use the OSHA Lockout/Tagout procedures. If you are not familiar with this requirement, refer to this information in the service manual and OSHA documentation.

**Working With Electricity Safely**

Ensure that you use safe and established practices in working with electrical devices. Poorly wired devices may cause a fire, explosion, or electrical shock. Ensure that grounding connections are properly made. Take care that sealing devices and compounds are in place. Ensure that you do not pinch wires when replacing covers. Follow OSHA Lockout/Tagout requirements. Station employees and service contractors need to understand and comply with this program completely to ensure safety while the equipment is down.

**Hazardous Materials**

Some materials present inside electronic enclosures may present a health hazard if not handled correctly. Ensure that you clean hands after handling equipment. Do not place any equipment in the mouth.

**WARNING**

The pump/dispenser contains a chemical known to the State of California to cause cancer.

**WARNING**

The pump/dispenser contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**In an Emergency**

**Inform Emergency Personnel**

Compile the following information and inform emergency personnel:

- Location of accident (for example, address, front/back of building, and so on)
- Nature of accident (for example, possible heart attack, run over by car, burns, and so on)
- Age of victim (for example, baby, teenager, middle-age, elderly)
- Whether or not victim has received first aid (for example, stopped bleeding by pressure, and so on)
- Whether or not a victim has vomited (for example, if swallowed or inhaled something, and so on)

**WARNING**



Gasoline/DEF ingested may cause unconsciousness and burns to internal organs. Do not induce vomiting. Keep airway open. Oxygen may be needed at scene. Seek medical advice immediately.

**WARNING**

DEF generates ammonia gas at higher temperatures. When opening enclosed panels, allow the unit to air out to avoid breathing vapors. If respiratory difficulties develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.

**WARNING**



Gasoline inhaled may cause unconsciousness and burns to lips, mouth, and lungs. Keep airway open. Seek medical advice immediately.

**WARNING**



Gasoline/DEF spilled in eyes may cause burns to eye tissue. Irrigate eyes with water for approximately 15 minutes. Seek medical advice immediately.

**WARNING**



Gasoline/DEF spilled on skin may cause burns. Wash area thoroughly with clear water. Seek medical advice immediately.

**WARNING**

DEF is mildly corrosive. Avoid contact with eyes, skin, and clothing. Ensure that eyewash stations and safety showers are close to the work location. Seek medical advice/recommended treatment if DEF spills into eyes.

**IMPORTANT:** Oxygen may be needed at scene if gasoline has been ingested or inhaled. Seek medical advice immediately.

**Lockout/Tagout**

Lockout/Tagout covers servicing and maintenance of machines and equipment in which the unexpected energization or start-up of the machine(s) or equipment or release of stored energy could cause injury to employees or personnel. Lockout/Tagout applies to all mechanical, hydraulic, chemical, or other energy, but does not cover electrical hazards. Subpart S of 29 CFR Part 1910 - Electrical Hazards, 29 CFR Part 1910.333 contains specific Lockout/Tagout provision for electrical hazards.

## Installing Dispenser Gasket Kits (M12962K0XX)

To install the Dispenser Gasket Kits, proceed as follows:

*Note: Any gasket added where a door opens or closes and the gasket becomes free [printer doors, front of the printer slide, and the new gasket that is added to the top of the Computer Display (CD) module] must be glued in place with Gray Sealant (END-1456). Gaskets on these areas are much harder to remove.*

### Before You Begin

To prepare the site and dispenser for the installation, proceed as follows:

- 1 Read and understand all safety information found in *MDE-3804 Encore and Eclipse Start-up/Service Manual*.
- 2 Remove power to the unit. Follow OSHA lockout/tagout procedures.

#### **WARNING**

Failure to turn off the unit during kit installation may cause injury or bodily harm from electrical shock. Ensure that all power to the unit is switched off before opening the door to the unit and during kit installation.

#### **CAUTION**



A properly grounded ESD wrist strap must be worn while servicing any electronic devices or components. Failure to use electrostatic precautions may damage electronic components and void warranty.

- 3 Block of the unit from customers.
- 4 Keep the gray sealant and any parts with adhesive on them as warm as possible. Do not install kits if weather is below 30 °F (-1.1 °C).
- 5 Check for water damage to any components and replace or repair these components when installing the kits.

### Installing Gasket Strip

Apply the gasket strip along the top lip of the Encore CD module wrapper lip to mate with the main door bulb gasket so sealing against water entry at this location can be achieved.

To meet the Underwriters Laboratories (UL) requirement for positive fastening of this strip, five dots of 3M 2084 metal sealant must be applied along the top lip of the CD module wrapper.



Each dot should be relatively small (1/3 inch in diameter), round, thin, and must not touch the top of the wrapper or the lower edge of the lip.

*Note: Be careful with the sealant as it can be messy.*

**Figure 4: Sealant Dot**



To install the Gasket Strip (Q11899-25) on Encore S/E-CIM/700 units, proceed as follows:

*Note: Applicable for all Dispenser Gasket Kits.*

- 1 Open the electronic cabinet bezel (main door).
- 2 Wear the ESD wrist strap and attach the alligator clip to the dispenser frame.

### CAUTION



A properly grounded ESD wrist strap must be worn while servicing any electronic devices or components. Failure to use electrostatic precautions may damage electronic components and void warranty.

- 3 Wipe the dirt off the front of the CD module with a cloth or paper towel.

**Figure 5: Cleaning CD Module - Front Side**

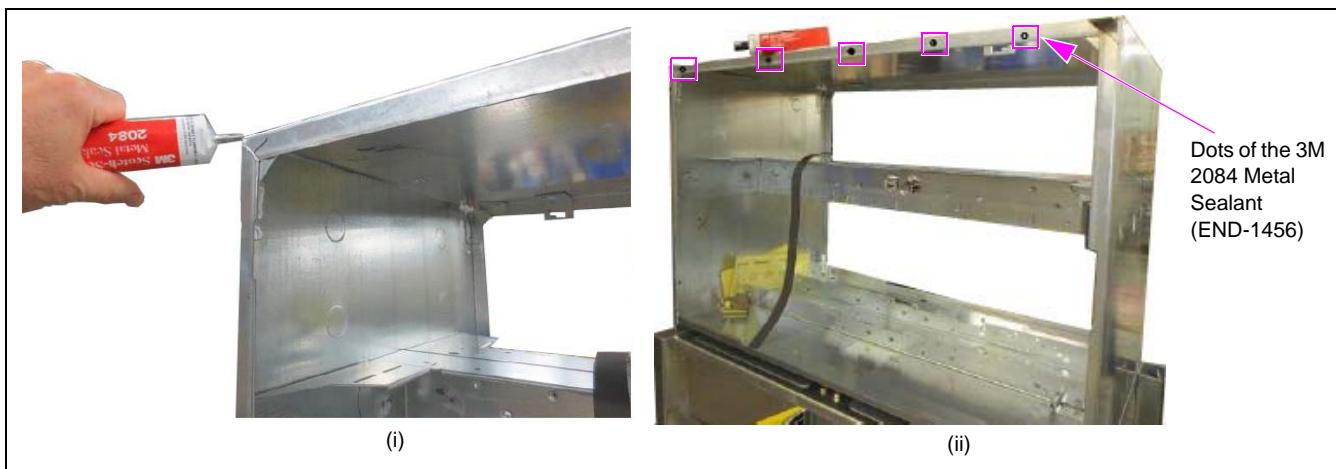


- 4 Extend the gasket strip across the front of the CD module and cut to length.

- 5 Place five dots of the 3M 2084 metal sealant [black spots (see [Figure 6](#))]. Place the first dot at the left upper corner (1/2 inch from the left edge and 1/2 inch from the top). Place the fifth dot at 31.5 inches from the left edge and 1/2 inch from the top. Similarly, fill in the inner three dots spaced 8 inches apart.

*Note: At low temperatures, a thin line of 3M 2084 metal sealant is required to hold the gasket strip on the CD module.*

**Figure 6: Applying Sealant**



- 6 Starting with upper left side CD module wrapper lip, gradually peel and apply the gasket toward the right. Smooth the gasket in place so as to have only slight bumps where metal sealant dots are located. Proper installation should look neat as shown in [Figure 7](#). The pressure sensitive adhesive on the gasket should hold it in place so there should not be any delay waiting for the metal sealant to set.

**Figure 7: Gasket Strip Installed**



Installing the gasket strip is now complete.

## Installing PPU Shield Assembly on Encore S/E-CIM Dispensers

*Note: Applicable for all Dispenser Gasket Kits.*

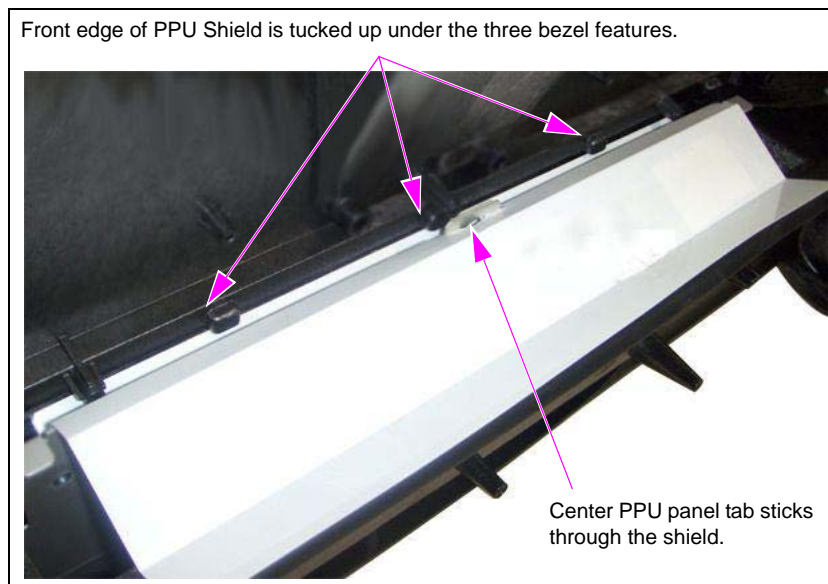
The PPU Shield Assembly (M12962A001) is intended to prevent water (if water falls down from the top of the cabinet while servicing) from getting on the PPU board.

To install the PPU shield assembly on Encore S and E-CIM dispensers, proceed as follows:

- 1 Remove the card reader.  
*Note: Retain all the parts.*
- 2 Remove the three screws holding the PPU plate.
- 3 Put the PPU shield over the PPU plate with the center section going through the slot in the shield (see [Figure 8](#)).

*Note: Cables can be left connected to the PPU board. Ensure that cables are not placed in between the PPU panel, shield, or bezel. For more information, refer to “[Managing Cables in PPU Cavity](#)” on page 14.*

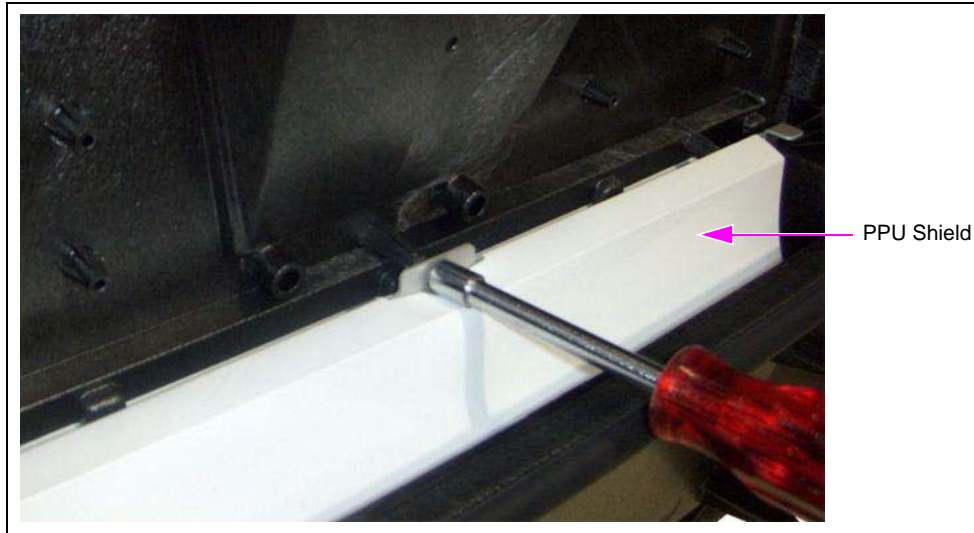
**Figure 8: Installing PPU Shield**



*Note: The dispenser door shown in [Figure 8](#) does not have a printer or a card reader.*

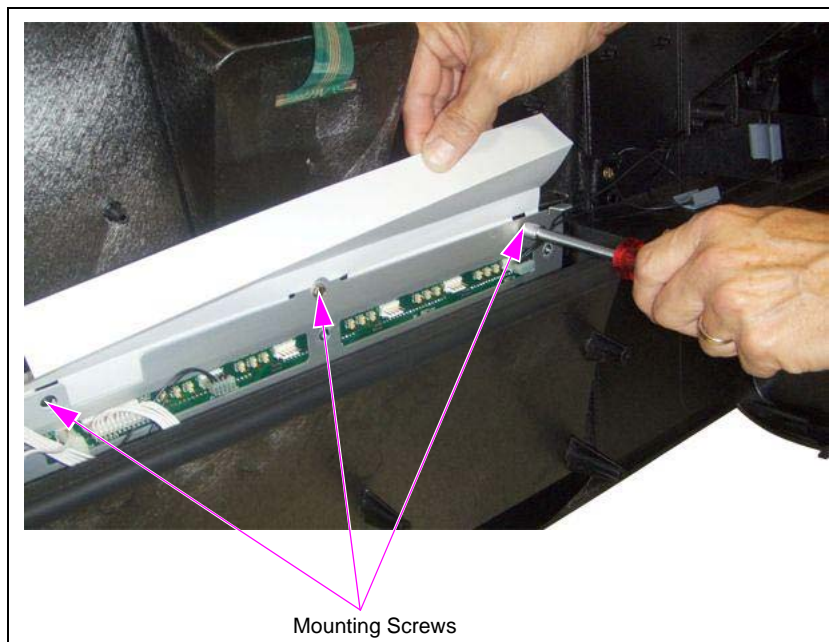
- Secure the PPU shield to the PPU plate by the center position first by using the plastic washers provided in the kit and the three screws removed in step 2 on [page 11](#) (see [Figure 9](#)).

**Figure 9: Securing PPU Shield**



- Lift the PPU shield and mount the screw (right side) as shown in [Figure 10](#). This secures the PPU panel and shield on that side.

**Figure 10: Securing Right Side of PPU Shield**



- 6 Repeat step 5 on page 12 for the left side of the shield (see Figure 11).  
*Note: Ensure the shield is returned to its original location once the screws are secure on each end of the PPU assembly (see Figure 12).*

**Figure 11: Securing Left Side of PPU Shield**



Installing the PPU shield is now complete (see Figure 12).

**Figure 12: PPU Shield Installed**



- 7 Reinstall the card reader.

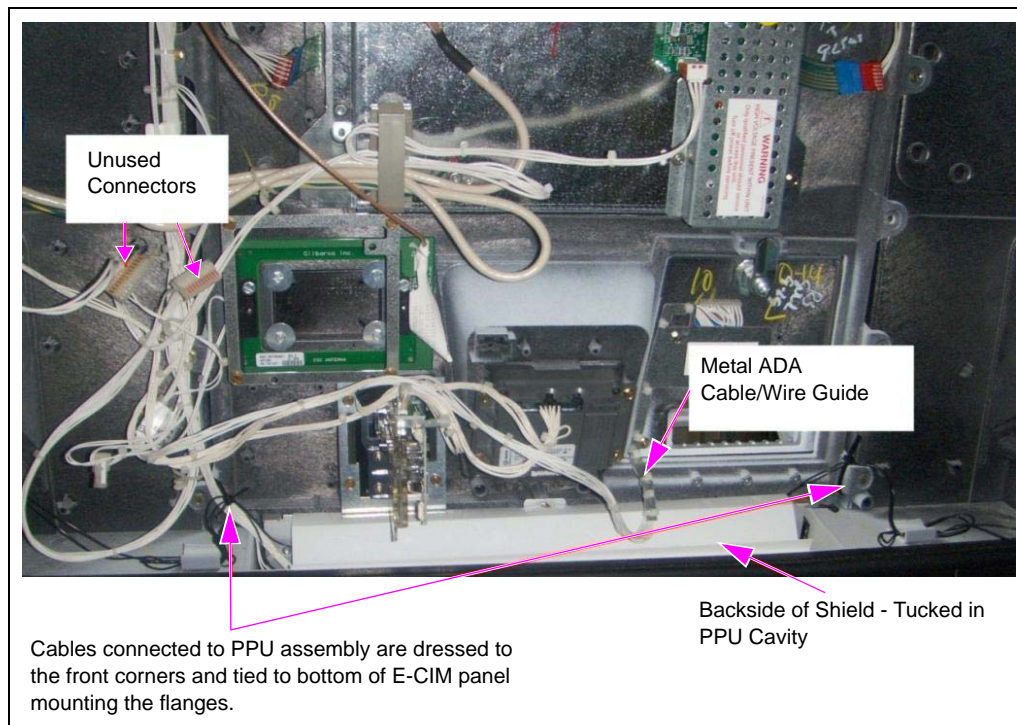


## Managing Cables in PPU Cavity

Following are the guidelines to manage cables in the PPU cavity:

- Any unconnected cables that have ends stored in the PPU cavity should be taken up onto the main door and held in place by twist cable-tie clamps. The twist cable-tie clamps are already installed on the door.
- For units that have an Americans with Disabilities Act (ADA) keypad, it may be desirable to position the PPU shield back portion, tuck cables in so that the metal guide keeps its original shape. Ensure not to tuck the shield in so much that the trough is ineffective (see [Figure 13](#)).

**Figure 13: Cables in PPU Cavity**



### IMPORTANT INFORMATION

Cable routing is critical. It is very important to route and dress the cables properly. Exercise care in routing the cables, keeping in mind that the door(s) opens and closes for service. The cables must be dressed neatly. Ensure that there is no interference after the cables are connected and routed.

Also, for any future service in the PPU area, ensure to return the shield to its original installed location to alleviate any potential future water damage.

## Replacing Card Reader Gasket

*Note: Applicable for all the kits.*

To replace the card reader gasket, proceed as follows:

- 1 Remove the card reader.

*Note: Retain all mounting hardware for reinstalling the card reader.*

- 2 Remove and discard the existing card reader gasket. Use a putty knife and isopropyl alcohol, if required to remove any left-over adhesive from the card reader opening on the door.

- 3 Place the non-adhesive Card Reader Gasket (M13127B006) over the front of the card reader snout (or bezel) making sure the gasket is seated on the flange and covers the dismount buttons.

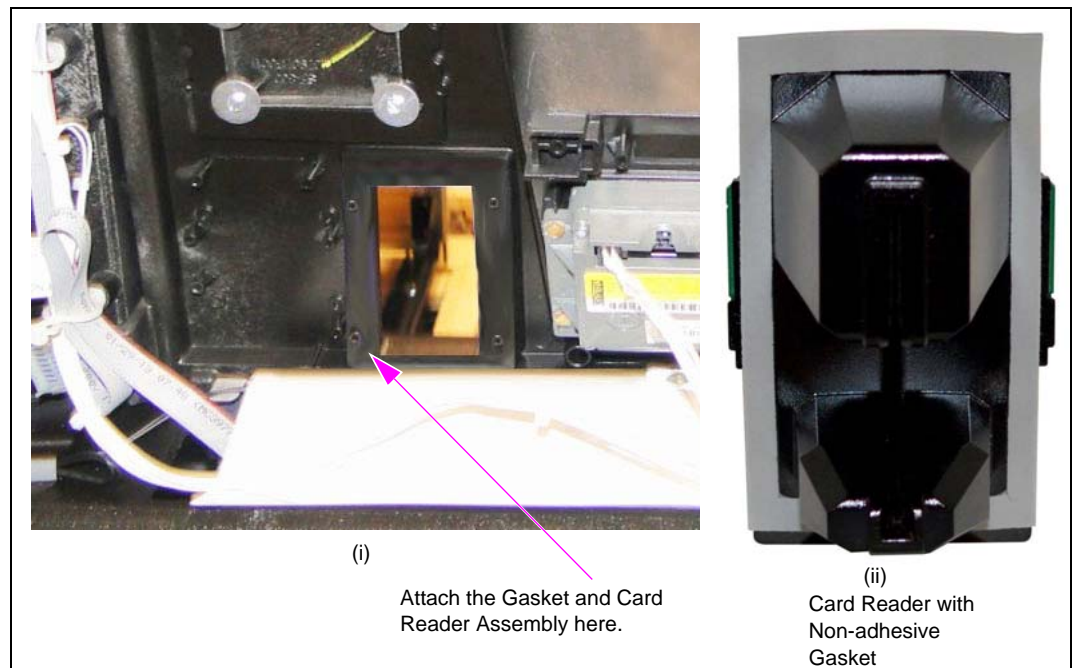
*Note: Installing this non-adhesive gasket is different from previous gasket installation. It is laid over the card reader snout first, then the card reader is inserted into the card reader opening on the door. In this application, the card reader becomes your insertion tool.*

- 4 Inspect the bosses on the door before reinstalling the card reader. If the door has damaged bosses, repair the bosses before reinstalling the card reader. For more information, refer to *MDE-5165 Card Reader Door Boss Repair Kit (M07450K999) Installation Instructions*.

- 5 Attach the gasket and card reader assembly to the bezel (see [Figure 14](#)).

*Note: For units (card readers) that require activation, reactivate the card reader. For more instructions, call the Gilbarco Call Center at 1-800-800-7498.*

**Figure 14: Installing Card Reader Gasket**



Replacing the card reader gasket is now complete.

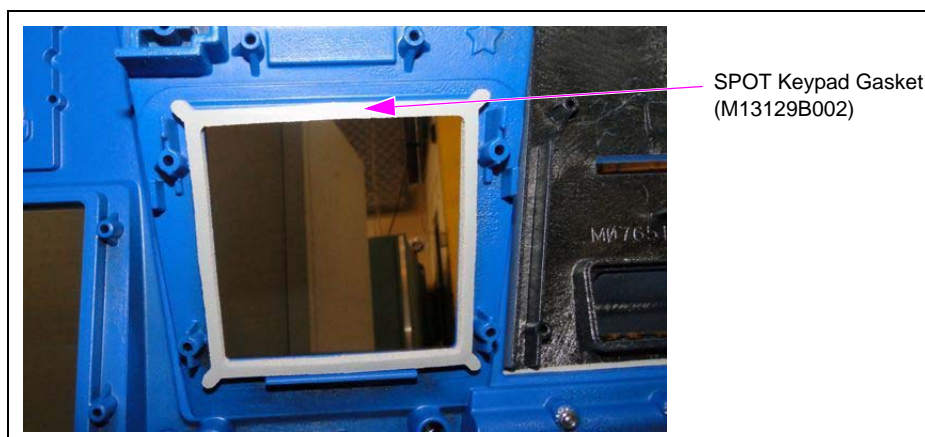
## Replacing SPOT Keypad Gasket

*Note: Applicable for M12962K011 and M12962K012 Kits.*

To replace the SPOT keypad gasket, proceed as follows:

- 1 Remove the SPOT keypad by unscrewing the four screws holding the keypad.  
*Note: Retain the screws for reuse.*
- 1 Remove the old SPOT keypad gasket from the bezel. Use a putty knife and isopropyl alcohol, if required to remove any left-over adhesive from the card reader opening on the door.
- 2 Install the adhesive side of the new SPOT Keypad Gasket [M13129B002 (see [Figure 15](#))] to the bezel.

**Figure 15: Installing SPOT Keypad Gasket**



- 3 Reinstall the SPOT keypad and ensure that the keypad is centered in the opening while tightening the screws.  
*Note: Reactivate the keypad. For more instructions, call the Gilbarco Call Center at 1-800-800-7498.*

Replacing the SPOT keypad gasket is now complete.



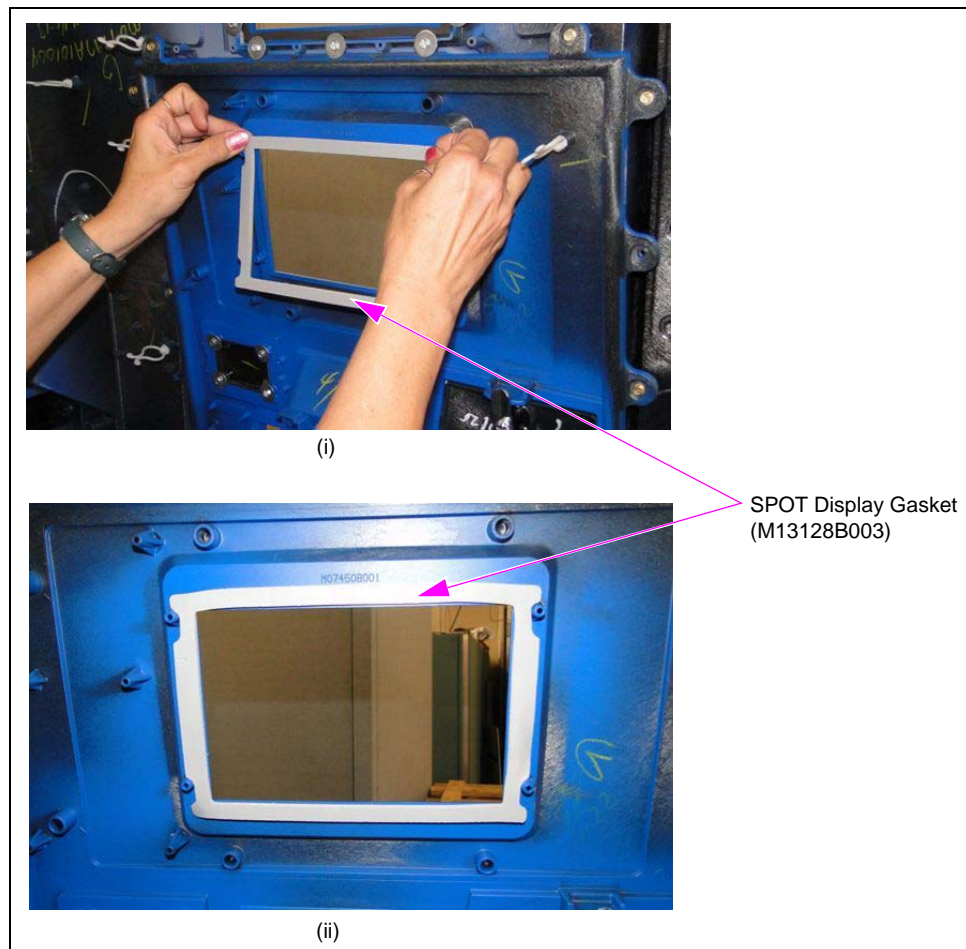
## Replacing SPOT Display Gasket

*Note: Applicable for M12962K011 and M12962K012 Kits.*

To replace the SPOT display gasket, proceed as follows:

- 1 Remove the EMV display by unscrewing the four screws holding it.  
*Note: Retain the screws for reuse.*
- 2 Remove the old SPOT display gasket from the bezel. Use a putty knife and isopropyl alcohol, if required to remove any left-over adhesive from the card reader opening on the door.
- 3 Install the new SPOT display gasket [M13128B003 (see [Figure 16](#))] to the bezel.

**Figure 16: Installing SPOT Display Gasket**



- 4 Reinstall the EMV display and ensure that the display is centered in the opening while tightening the screws.

Replacing the SPOT display gasket is now complete.

*Note: For M1296K011 and M12962K012 Kits, restart the unit.*

## Installing Rain Shield for E-CIM SPOT Display on Encore S/E-CIM Dispensers

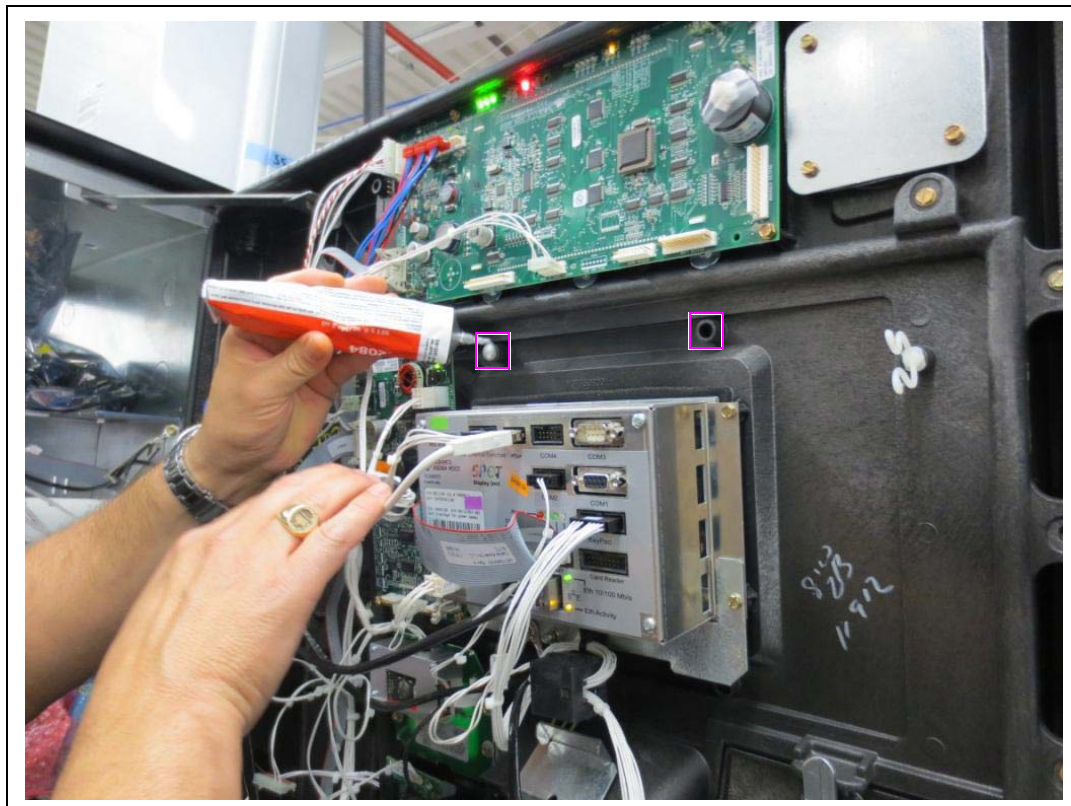
*Note: Applicable for M12962K011 Kit.*

This rain shield is intended to protect the SPOT display from water falling on it when the main door is opened.

To install the SPOT rain shield assembly on Encore S/E-CIM dispensers, proceed as follows:

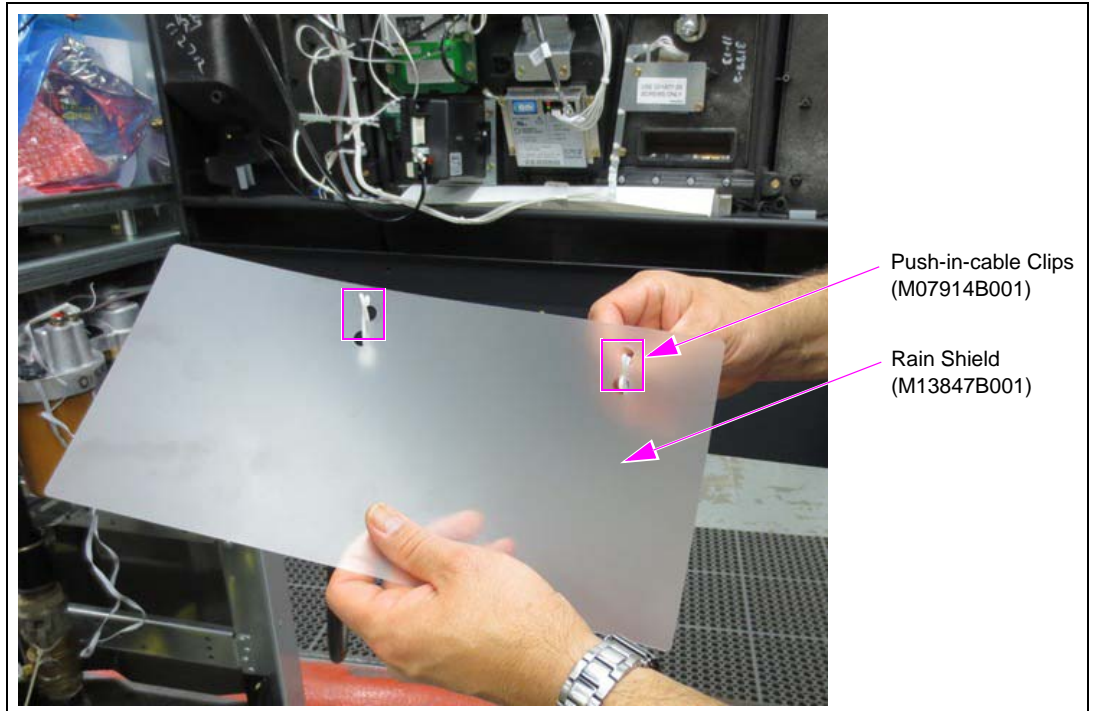
- 1 Place the metal sealant into the holes in the bezel where the Push-in-cable Clips (M07914B001) will be mounted (see [Figure 17](#)).

**Figure 17: Applying Metal Sealant (Adhesive)**



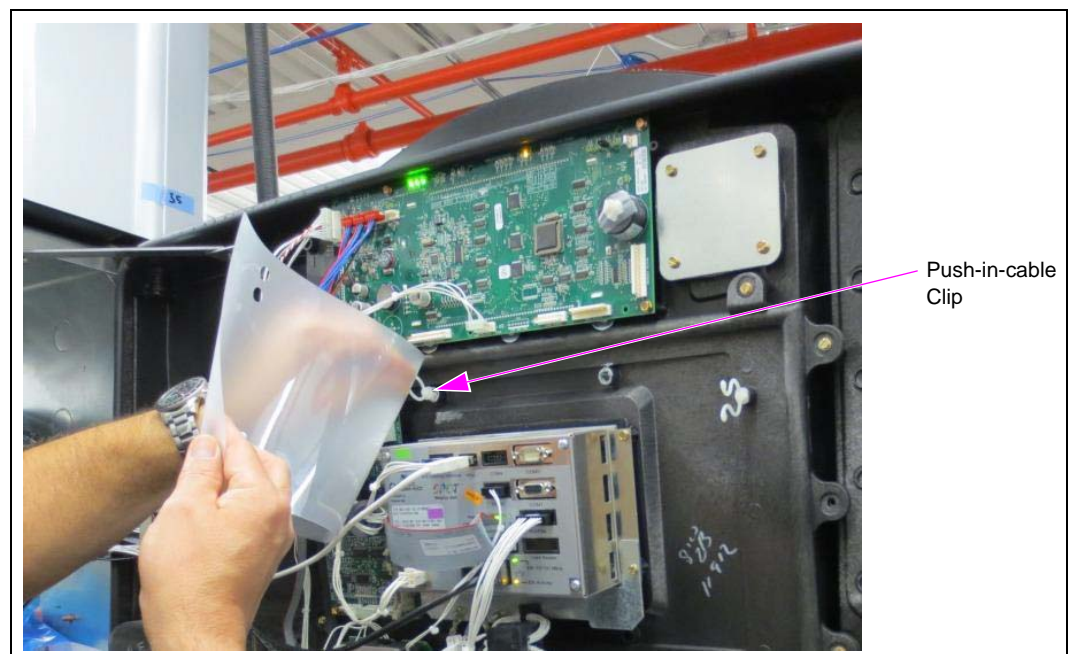
- 2 Place the two push-in-cable clips (twist locks) into the holes in the Rain Shield [M13847B001 (see [Figure 18](#))].

**Figure 18: Assembling Twist Locks**



- 3 Using the shield assembly and the cable clips, place the clip bases into the holes on the bezel where the metal sealant was applied in step 1 on [page 18](#).

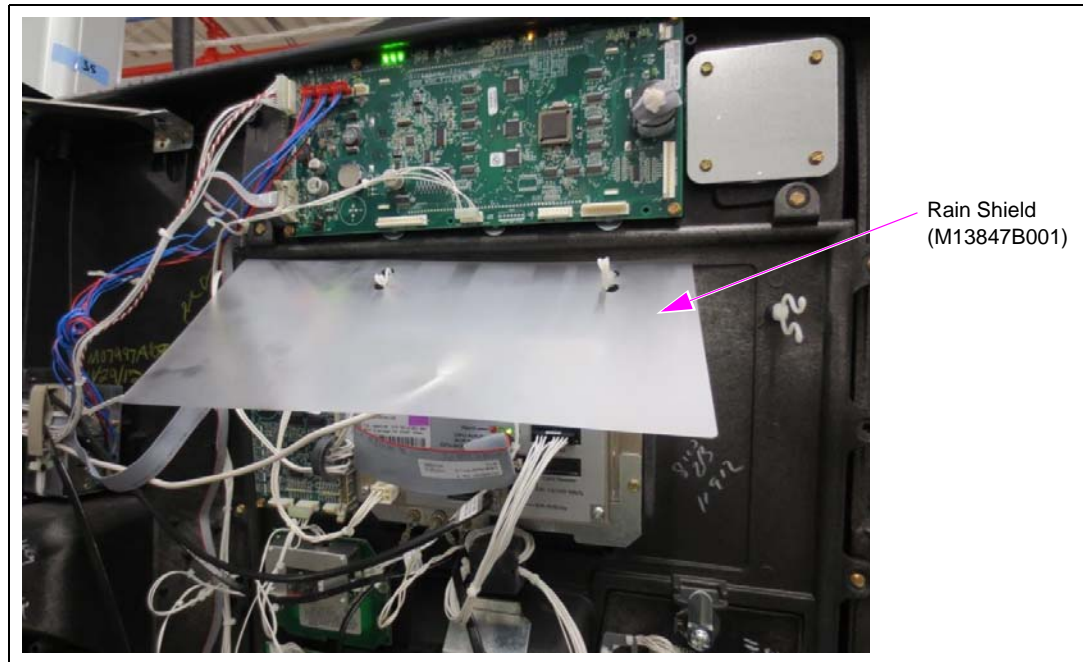
**Figure 19: Installing Cable Clips**





- 4 Position the rain shield similar to as shown in [Figure 20](#).

**Figure 20: SPOT Rain Shield Installed**



Installing the rain shield for the E-CIM SPOT display on Encore S/E-CIM dispenser is now complete. Metal sealant adhesive will be fully cure(d) in about 24 hours.

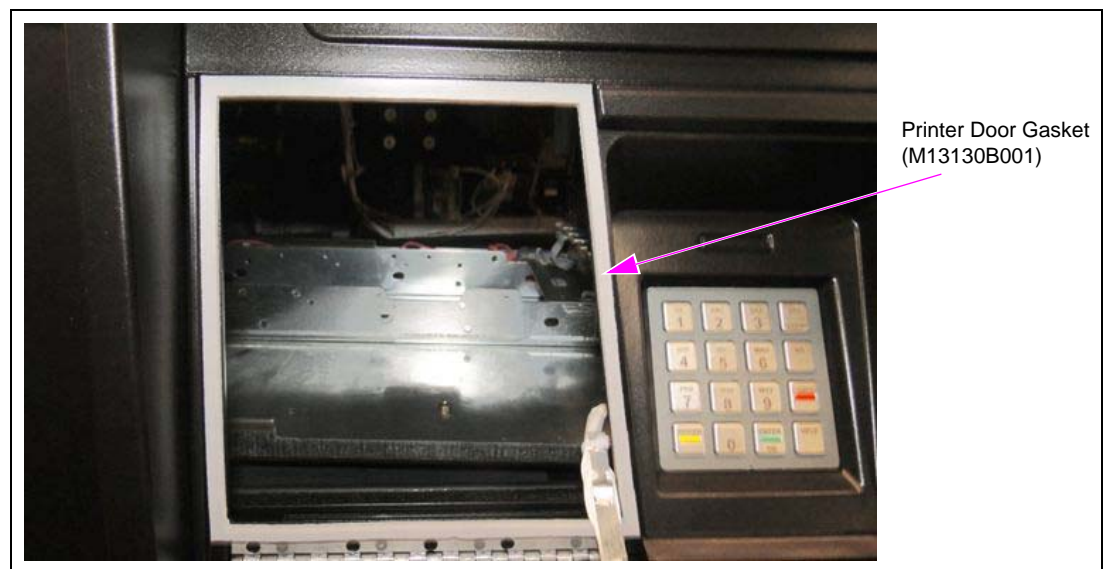
## Replacing Printer Door Gasket

*Note: Applicable for M12962K002, M12962K003, and M12962K012 Kits.*

To replace the printer door gasket, proceed as follows:

- 1 Open the printer door.
- 2 Remove and scrape off the old printer door gasket.
- 3 Install the new Printer Door Gasket [M13130B001 (see [Figure 21](#))] to the bezel.

**Figure 21: Installing Printer Door Gasket**



- 4 Lift each corner of the gasket and apply a small drop of the gray sealant.
- 5 Close the printer door.

Replacing the printer door gasket is now complete.

*Note: For M12962K012 Kit, restart the unit.*

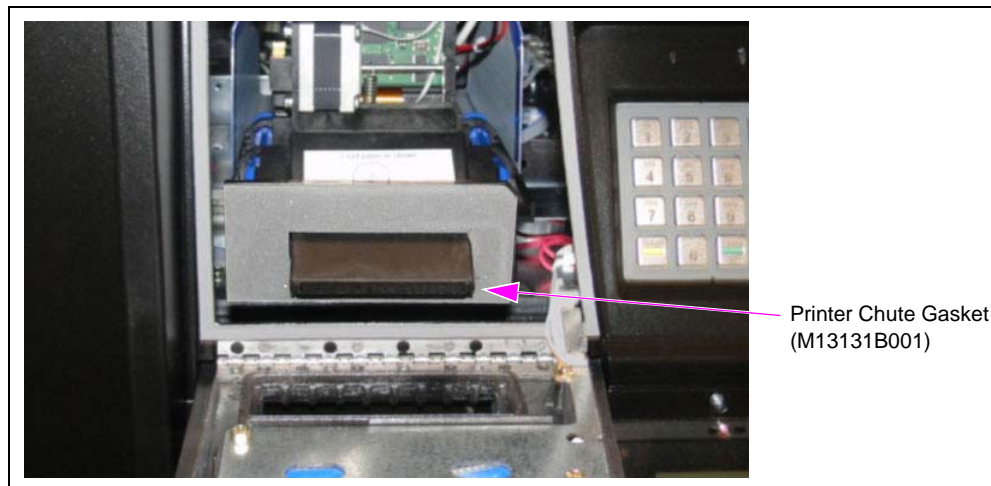
## Replacing Printer Chute Gasket

*Note: Applicable for M12962K002, M12962K003, and M12962K012 Kits.*

To replace the printer chute gasket, proceed as follows:

- 1 Pull off as much of the old gasket as possible by hand, then use a razor blade to scrape off the rest.
- 2 Apply four drops of the gray sealant, two above and two below the chute.
- 3 Install the new Printer Chute Gasket [M13131B001 (see [Figure 22](#))] to the bezel.

**Figure 22: Installing Printer Chute Gasket**



Replacing the printer chute gasket is now complete.

*Note: For M12962K012 Kit, restart the unit.*

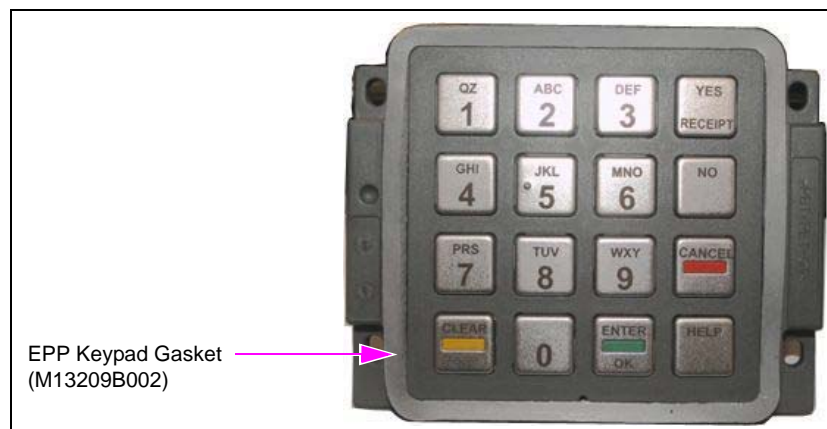
## Replacing EPP Keypad Gasket

*Note: Applicable for M12962K002 and M12962K003 Kits.*

To replace the EPP keypad gasket, proceed as follows:

- 1 View the required video on “Technician Resources Page (TRP #2445)” before installing the gasket.
- 2 Remove the four screws securing the EPP keypad.
- 3 Remove the old gasket from the keypad. Use a putty knife and isopropyl alcohol, if required to remove any left-over adhesive from the card reader opening on the door.
- 4 Carefully remove the backing from the new EPP Keypad Gasket (M13209B002).
- 5 Install the new gasket with the adhesive on the top and bottom of the keypad. Ensure the adhesive side goes toward the EPP keypad and not toward the door opening.

**Figure 23: EPP Keypad**



- 6 Reinstall the keypad to the bezel.  
*Note: For EPP 2.1, reactivate the keypad. For more instructions, call the Gilbarco Call Center at 1-800-800-7498.*

Replacing the EPP keypad gasket is now complete.

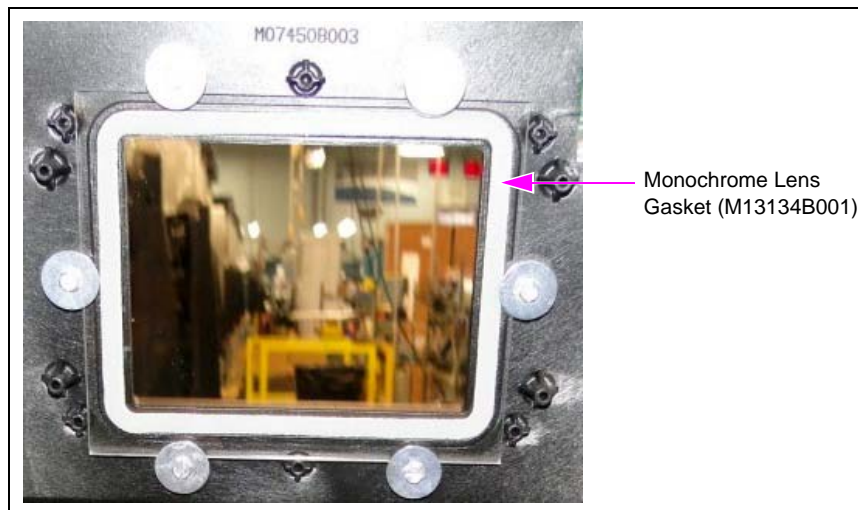
## Replacing Monochrome Lens Gasket

*Note: Applicable for M12962K002 and M12962K003 Kits.*

To replace the Monochrome Lens Gasket (M13134B001), proceed as follows:

- 1 Remove the CRIND display components on the back of the bezel to gain access to the window securing screws.
- 2 Remove the window to avoid smudging.
- 3 Remove the old monochrome lens gasket from the bezel.
- 4 Install the new monochrome lens gasket.

**Figure 24: Replacing Monochrome Lens Gasket**



- 5 Reinstall the window.
- 6 Reinstall the CRIND components.

Replacing the monochrome lens gasket is now complete.



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## Completing Installation

After all connections are made and the unit is ready to power up, proceed as follows:

- 1 Reinspect all the connections and cable routing before applying power.

<b>IMPORTANT INFORMATION</b>
Cable routing is critical. It is very important to route and dress the cables properly. Exercise care in routing the cables, keeping in mind that the door(s) opens and closes for service. The cables must be dressed neatly. Ensure that there is no interference after the cables are connected and routed.

- 2 Apply power to the unit at the breaker panel.
- 3 Verify proper unit operation, and place unit back in operation.

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