

Introduction

Purpose

This manual provides instructions for installing Bezel Door Boot Blank Kits (M13719K0XX) in Encore® S/700 S units. These kits are used when there is change in the number of grades in the unit, when there is damage to boot blanks, or when there is a graphics upgrade (pulling out the existing graphics may deform the boot blank).

Following table lists the Encore Bezel Door Boot Blank Kits:

Kits	Description	For Units Manufactured
M13719K002	Kit, Two-boot Metal Blank, Encore Bezel Door	Before July 2013
M13719K003	Kit, Four-boot Metal Blank, Left, Encore Bezel Door	Before November 2014
M13719K004	Kit, Four-boot Metal Blank, Right, Encore Bezel Door	Before November 2014
M13719K005	Kit, Four-boot Metal Blank, Full, Encore Bezel Door	Before November 2014
M13719K006	Kit, Two and Four-boot, Plastic Blank, Encore Bezel Door	After July 2013 - for Two-boot door After November 2014 - for Four-boot door

Notes: 1) Use the M13719K006 Kit for the two-boot door units manufactured after July 2013 and for the four-boot door units manufactured after November 2014. Plastic boot blank can fit any boot location on bezel. It is common for two-boot and four-boot bezel doors.

2) Use the appropriate Kit (M13719K002/K003/K004/K005) based on the requirements for the units manufactured before July 2013 and for some units (four-boot door) manufactured during July 2013 to June 2014 that contain the metal boot blank (see [Figure 1](#) and [Figure 2](#) on [page 8](#)).

Intended Users

This manual is intended for Gilbarco®-trained and certified Authorized Service Contractors (ASCs).

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Required Tools and Materials

Following tools and materials are required for installing the Encore Bezel Door Boot Blank Kits:

- Marker or Tape
- Phillips® Screwdriver #2
- Adhesive Material

Parts List

Following tables list the parts included in the Encore Bezel Door Blank Kits:

Encore Bezel Door Two-boot Metal Blank Kit (M13719K002)

Following table lists the parts included in the M13719K002 Kit:

Item #	Description	Part Number	Quantity
1	Plate, Nozzle Boot Blanking	M07418A001	2
2	Screw, Metric Thread Forming (for Plastic Application) M3 X 8	M00419B311	4
3	Screw, Pan-head Square Drive Tapping, 1/4-10 X 1/2 Zinc	M01118B001	4

Encore Bezel Door Left Four-boot Metal Blank Kit (M13719K003)

Following table lists the parts included in the M13719K003 Kit:

Item #	Description	Part Number	Quantity
1	Plate, Nozzle Boot Blanking Right	M06322A001	2
2	Screw, Metric Thread Forming (for Plastic Application) M3 X 8	M00419B311	4
3	Screw, Pan-head Square Drive Tapping, 1/4-10 X 1/2 Zinc	M01118B001	4

Encore Bezel Door Right Four-boot Metal Blank Kit (M13719K004)

Following table lists the parts included in the M13719K004 Kit:

Item #	Description	Part Number	Quantity
1	Plate, Nozzle Boot Blanking Left	M06323A001	2
2	Screw, Metric Thread Forming (for Plastic Application) M3 X 8	M00419B311	4
3	Screw, Pan-head Square Drive Tapping, 1/4-10 X 1/2 Zinc	M01118B001	4

Encore Bezel Door Full Four-boot Metal Blank Kit (M13719K005)

Following table lists the parts included in the M13719K005 Kit:

Item #	Description	Part Number	Quantity
1	Plate, Nozzle Boot Blanking Full	M06324A001	2
2	Screw, Metric Thread Forming (for Plastic Application) M3 X 8	M00419B311	4
3	Screw, Pan-head Square Drive Tapping, 1/4-10 X 1/2 Zinc	M01118B001	4

Encore Bezel Door Two and Four-boot Plastic Blank Kit (M13719K006)

Following table lists the parts included in the M13719K006 Kit:

Item #	Description	Part Number	Quantity
1	Blank, Boot Pocket Encore Bezel	M10339B001	2
2	Screw, Metric Thread Forming (for Plastic Application) M3 X 8	M00419B311	8

Required Reading

WARNING

Where fuels are involved, you are working in a dangerous environment of gasoline, gasoline vapor, and electricity. Failure to install this equipment in accordance with National Fire Protection Association (NFPA) 30A and NFPA 70® could result in severe injury or death.



Before installing the kits, read, understand, and follow:

- This manual.
- The National Electrical Code [NEC® (NFPA 70)].
- The automotive and marine service code (NFPA 30A).
- Any national, state, and local codes that may apply.

Failure to install the equipment in accordance with NFPA 30A and NFPA 70 may adversely affect the safe use and operation of the system.

Related Documents

Document Number	Title	GOLD SM Library
MDE-3804	Encore and Eclipse® Start-up/Service Manual	<ul style="list-style-type: none"> • Encore and Eclipse • Service Manual
MDE-3893	Encore and Eclipse Series Owner's Manual	<ul style="list-style-type: none"> • Encore and Eclipse • Domestic Warranty and Owner's Manuals • Encore and Eclipse Installers • Export Warranty and Owners Manuals
MDE-3985	Encore Installation Manual	<ul style="list-style-type: none"> • Encore and Eclipse • Footprint and Elevation Library • Encore and Eclipse Installers
PT-1936	Encore Series Pumps and Dispensers Illustrated Parts Manual	<ul style="list-style-type: none"> • Encore and Eclipse • Encore and Eclipse Installers • Parts Manual

Abbreviations and Acronyms

Term	Description
ASC	Authorized Service Contractor
D-Box	Distribution Box
E-CIM™	Enhanced Customer Interface Module
ESD	Electrostatic Discharge
GOLD	Gilbarco Online Documentation
NEC	The National Electrical Code
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
STP	Submersible Turbine Pump

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 the Technical Assistance Center (TAC) at 1-800-743-7501. 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.

Before You Begin

Read and understand all the safety information found in *MDE-3804 Encore and Eclipse Start-up/Service Manual*.

CAUTION



A properly grounded Electrostatic Discharge (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.

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

- 1 Inform the store manager at the site that the power will be shut down. For more information, refer to *MDE-3804 Encore and Eclipse Start-up/Service Manual*.
- 2 Barricade the unit to be worked on.
- 3 Record all electronic and mechanical totals from the Encore unit. Isolate dispenser/pump at the Distribution Box (D-Box).
- 4 Remove power to all of the Submersible Turbine Pumps (STPs) at the breaker panel. Follow OSHA lockout/tagout procedures.
- 5 Close and test all the shear valves for the unit.
- 6 Match the parts received in the kit with “[Parts List](#)” on [page 2](#).

⚠ 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.

Installing Encore Bezel Door Boot Blank Kits

To install the Encore Bezel Door Boot Blank Kits, proceed as follows:

Removing Existing Boot Blank

To remove the existing boot blank, proceed as follows:

- 1 Remove the graphics on the existing boot blank to reveal the screws used to attach it.
- 2 Remove the screws using the appropriate screwdriver.
- 3 Remove the boot blank.

Installing New Boot Blank

To install the new boot blank, proceed as follows:

- 1 Install the required boot blank from the M13719K0XX Kits (see [Figure 3](#)).

IMPORTANT INFORMATION

Ensure that the blank that is removed is replaced with a blank of the same material. For example, if a plastic blank is removed, it is to be replaced with a plastic blank. For illustration, refer to [Figure 1](#) and [Figure 2](#) on [page 8](#).

- 2 Secure the boot blank using the screws provided in the kit.
- 3 Reapply the graphics using adhesive material.

Figure 1: Encore Bezel Door Two-boot Metal Blank Kit (M13719K002)

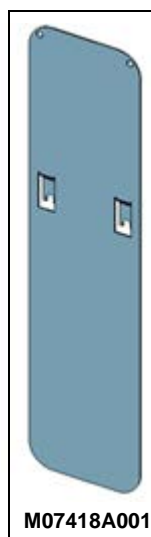


Figure 2: Encore Bezel Door Four-boot Metal Blank Kits

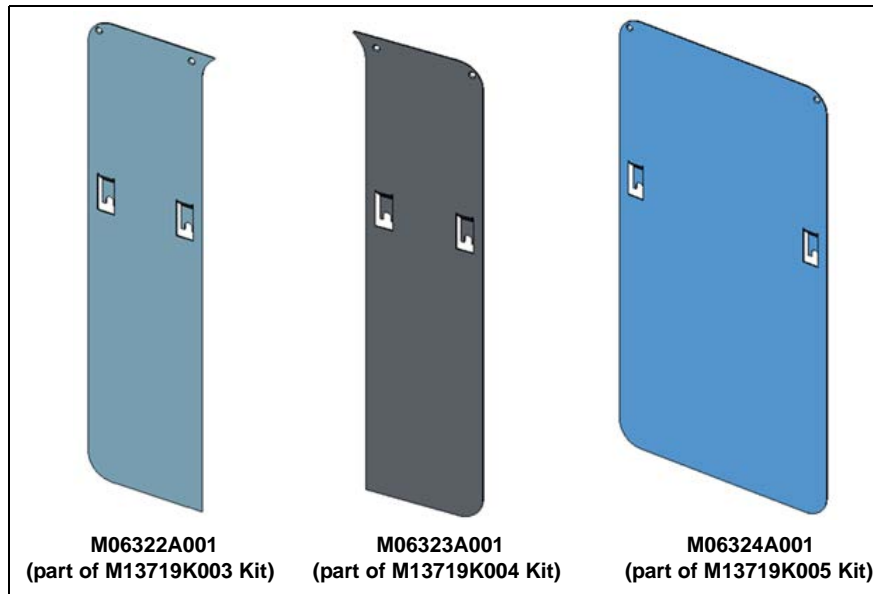
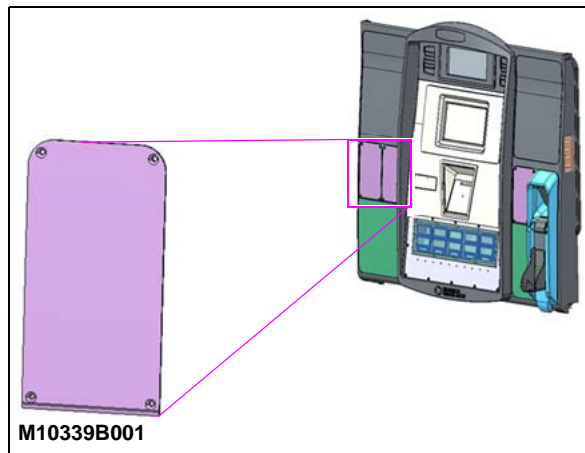


Figure 3: Encore Plastic Boot Blank Kit (M13719K006)



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