

## Introduction

This document provides instructions for installing the rain baffle air gap kits on Atlas™ electronic models when retrofitting an M06715 lower door panel onto units that previously used the old style M04256 lower door panels. The M04256 lower door panel comprised a two-piece construction that provided a separation between the hydraulics and the air gap on electronic models. The M06690B001 Rain Baffle Air Gap plate provides a rain shield for the air gap vents and maintains air gap integrity by separating the hydraulics and the air gap when using the one piece M06715 lower door panels.

## Rain Baffle Air Gap Kits

Kit No.	Description
M06804K002	Atlas Rain Baffle Air Gap Kit

*Note: The kit must be added to any electronic model that had the 2-piece panel with riveted air gap grill when changing to M06715 door.*

*Note: Rain baffle air gap plates **are not** required for mechanical models. M06715 panels for mechanical models **do not** have grills and **will not fit** on units with rain baffle air gap plates.*

### **WARNING**

To maintain air gap integrity, all Atlas electronic models must have a rain baffle air gap plate (M06690B001) on both sides when using an M06715B002, B102, B003, or B103 lower door panels. M06715B001 or B101 must not be used on an electronic model.

## Required Reading

Before installing a kit, the installer must read, understand, and follow:

- This manual
- NFPA 30A, The Automotive and Marine Service Station Code
- NFPA 70, The National Electric Code
- Applicable federal, state and local codes and regulations

Failure to do so may adversely affect the safe use and operation of the equipment.

*Note: This kit must be installed by a Gasboy Authorized Service Contractor (ASC) to ensure warranty.*

## Required Tool

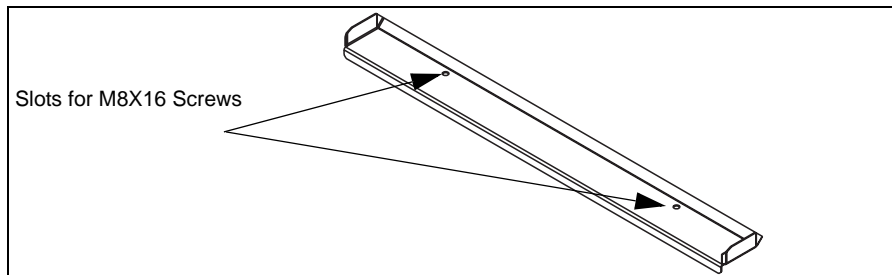
Socket wrench 13mm

## Parts List

### Parts List for Atlas Rain Baffle Air Gap Kit M06804K002

Part Number	Description	Quantity per Kit
M06690B001	Rain Baffle Air Gap Plate	2
M00415B009	M8x16, Flanged Screws	4

Figure 1: Rain Baffle Air Gap Plate



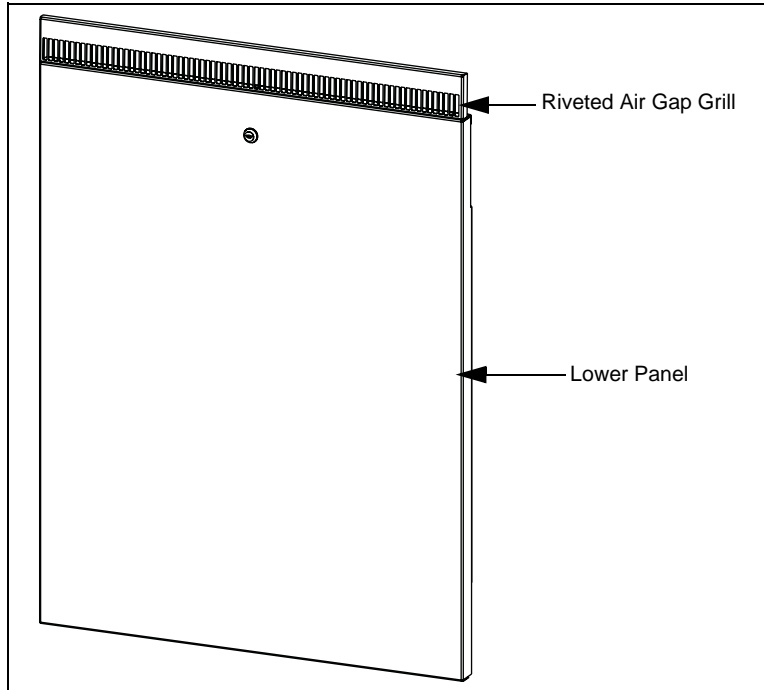
## New Lower Door Panels

The following are the new Lower Door Panels:

Door Panel	Description	Notes
M06715B001	Mechanical Model Panel, Stainless Steel	Does not have air gap grill - <b>must not be used on electronic models.</b>
M06715B002	Electronic Side-load Model Panel, Stainless Steel	Unit must have rain baffle air gap plate (M06690B001) added to each side.
M06715B003	Electronic Front-load Model Panel, Stainless Steel	Unit must have rain baffle air gap plate (M06690B001) added to each side.
M06715B101	Mechanical Model Panel, Painted Galvanized Steel *	Does not have air gap grill - <b>must not be used on electronic models.</b>
M06715B102	Electronic Side-load Model Panel, Painted Galvanized Steel *	Unit must have rain baffle air gap plate (M06690B001) added to each side.
M06715B103	Electronic Front-load Model Panel, Painted Galvanized Steel *	Unit must have rain baffle air gap plate (M06690B001) added to each side.

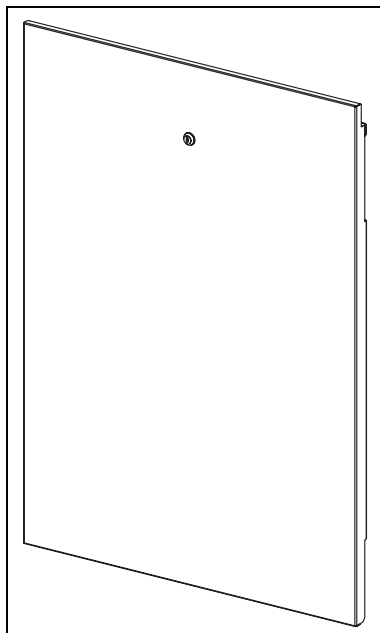
\* Painted galvanized lower door panels (M06715B101, B102 and B103) must be ordered by the painted graphics template number.

**Figure 2: M04256 Old Lower Door Panel**



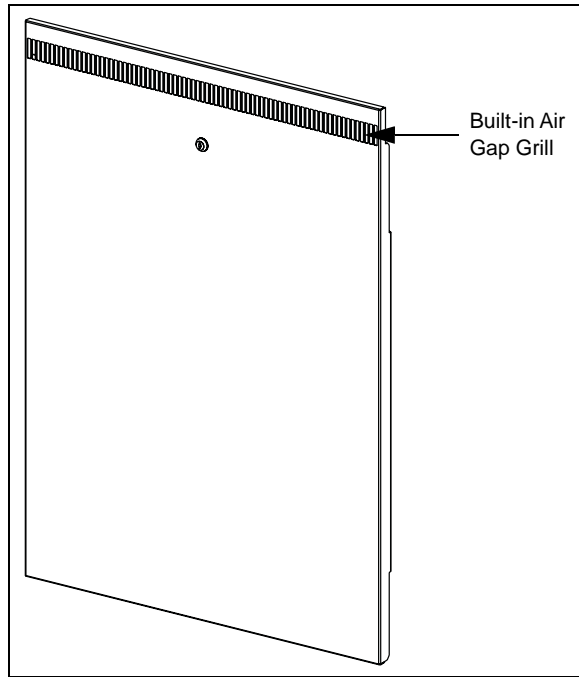
*Note: This door panel has a 2-piece panel with riveted air gap grill, and is no longer available.*

**Figure 3: M06715B001 and B101 New Lower Door Panel (Mechanical Models Only)**



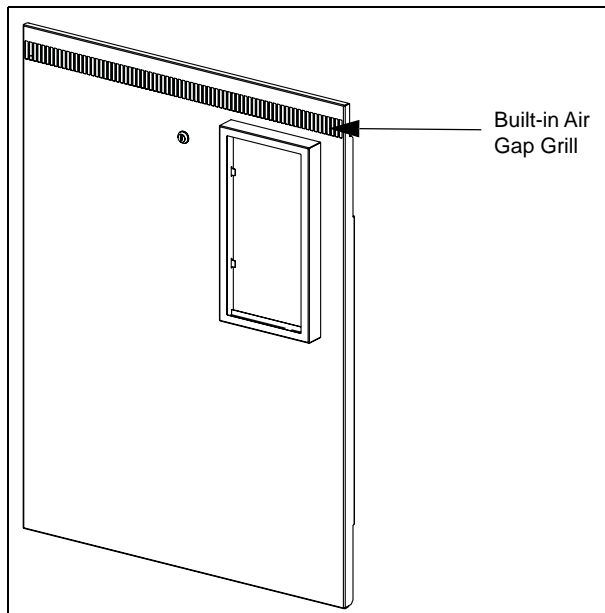
*Note: This lower door panel does not have an air gap grill and can be used in mechanical models only.*

**Figure 4: M06715B002 and B102 New Lower Door Panel (Electronic Side-mount Nozzle Models)**



*Note: This lower door panel has a built-in air gap grill and can be used in electronic side-mount nozzle models only.*

**Figure 5: M06715B003 and B103 New Lower Door Panel (Electronic Front-mount Nozzle Models)**



*Note: This door panel has a built-in air gap grill and can be used in electronic front-mount nozzle models only.*

# Important Safety Information

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 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 only these cashier station "stops."

### Total Electrical Shut-Off Before Access

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

### Evacuation, Barricading and Shut-Off

Any procedures requiring accessing the pump/dispenser or STPs requires the following three actions:



- An evacuation of all unauthorized persons and vehicles using safety tape, cones or barricades to the effected units
- A total electrical shut-off of that unit

## 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 Gasboy Authorized Service Contractor or call the Gasboy Service Center at 1-800-444-5529. It is imperative to your safety and the safety of others to understand the procedures before beginning work.

## Follow the Regulations

There is applicable information in NFPA 30A; *Automotive and Marine Service Code*, NFPA 70; *National Electrical Code (NEC)*, OSHA regulations and federal, state, and local codes which 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 Gasboy replacement parts and retrofit kits on your pump/dispenser. Using parts other than genuine Gasboy 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 that follow 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 become explosive if ignited. Spilled or leaking fuels cause vapors. Even filling customer tanks will cause explosive vapors in the vicinity of dispenser or island.

### No Open Flames

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 fuels and their vapors. After getting 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. Be familiar with Cardiopulmonary Resuscitation (CPR) methods if you are working 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 tag out and lock out procedures. If you are not familiar with this requirement, refer to information in the service manual and OSHA documentation.

### Working With Electricity Safely

Be sure to use safe and established practices in working with electrical devices. Poorly wired devices may cause a fire, explosion or electrical shock. Be sure grounding connections are properly made. Make sure that sealing devices and compounds are in place. Be sure not to pinch wires when replacing covers. Follow OSHA Lock-Out and Tag-Out 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. Be sure to clean hands after handling equipment. Do not place any equipment in mouth.

#### WARNING

This area contains a chemical known to the State of California to cause cancer.

#### WARNING

This area contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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

## Emergency First Aid

### Informing 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 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



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

#### WARNING



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

#### WARNING



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

**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. Reference Subpart S of 29 CFR Part 1910 - Electrical Hazards, 29 CFR Part 1910.333 contains specific Lockout/Tagout provision for electrical hazards.

# Installing the Rain Baffle Air Gap Kits

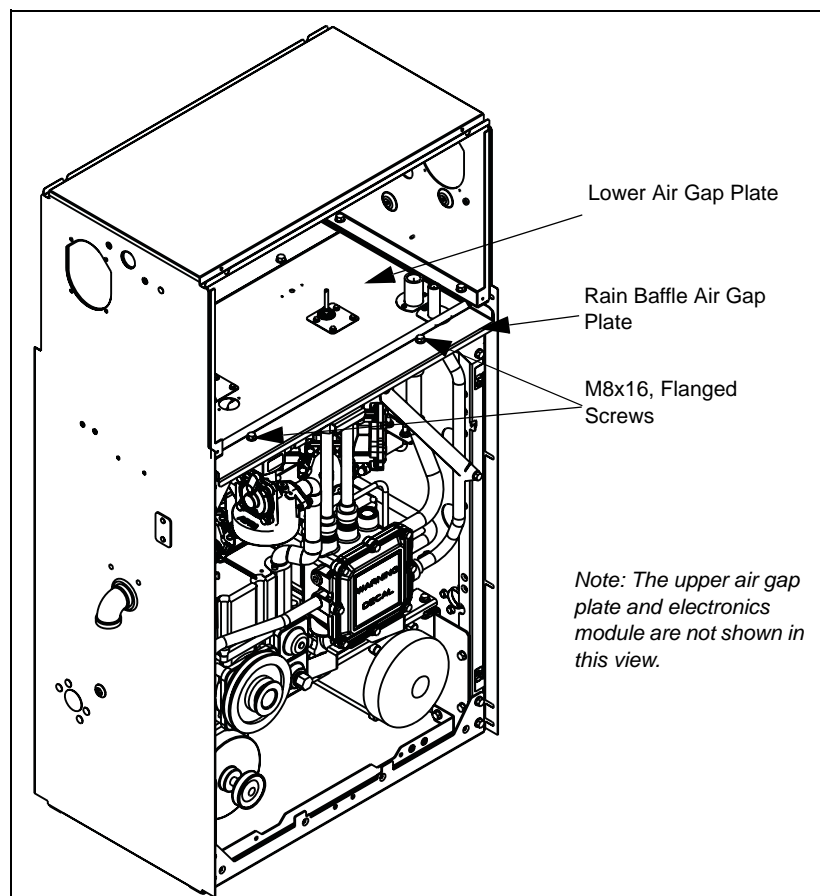
## Preparing for the Installation

- 1 Request permission from the manager/owner to remove power from the unit and then remove power using normal procedures. Perform the lockout/tagout safety procedures.
- 2 Ensure that you have the proper kit for the model unit to be retrofitted.
- 3 Follow all applicable safety rules and procedures.

## Installing the Rain Baffle Air Gap Kit

- 1 Remove the lower door panel.
- 2 Remove and retain the two M8x16 flanged screws (M00415B009) that hold the lower air gap plate in place. Refer to [Figure 6](#).

**Figure 6: Rain Baffle Air Gap Kit Installation - Electronic Models Only**



- 3 Place the rain baffle air gap plate (M06690B001) on top of the lower air gap plate. Insert the two M8x16 flanged screws (M00415B009), removed in step 2, and tighten them.

- 4 Replace the old lower door panel (refer to [Figure 2 on page 3](#)) with the new door panel (refer to [Figure 4](#) and [Figure 5 on page 4](#)).
- 5 Repeat steps 1-4 on the opposite side of the unit, if the lower door panel on that side needs to be replaced.

### Completing Installation

Inform the manager/owner that power will be restored to the unit and then restore power using normal procedures. Remove the lockout/tagout and return to normal operation.

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