Introduction

Purpose

The purpose of the Single Standard Pump/Dispenser Inlet Centering Kit (M07676K00X) is to provide a method for centering the product inlet on standard Atlas™ single product models during unit installation. This will provide the unit with a 2 inch NPT-centered connection, and it can be used on Atlas single product or Twin 1 product (TW1) models.

Table of Contents

Kits

Part Number	Description
M07676K001	Atlas Standard Dispenser Inlet Centering Kit
M07676K002	Atlas Standard Pump Inlet Centering Kit

Required Tools

The following tools are required for the installation of M07676K00X kits:

- Allen Wrench, Metric
- Gloves, Rubber
- Grease, Silicone
- Ratchet Set, Metric
- Wrench Set, Metric Open-end

Parts List

The following table lists the parts included in the Single Standard Dispenser Inlet Centering kit (M07676K001).

Item	Description	Part Number	Quantity
1	Inlet Manifold	M05347B010	1
2	M10 X 25 Socket Head Screw	M04973B005	6
3	M10 Lock washer	M01071B001	6
4	Gasket	M06101B001	2
5	Dispenser Manifold Blanking Spacer	M07671B001	1

Item	Description	Part Number	Quantity
6	M6 X 25 Flanged Screws	M00415B016	3

The following table lists the parts included in the Single Standard Pump Inlet Centering kit (M07676K002).

Item	Description	Part Number	Quantity
1	Inlet Manifold	M05347B010	1
2	M8 X 16 Flanged Screw	M00415B009	2
3	M10 Lock washer	M01071B001	6
4	M10 X 25 Socket Head Screw	M04973B005	6
5	Gasket	M06101B001	2
6	Pump Manifold Blanking Plate	M07675B001	1

Related Documents

Document Number	Title	GOLD Library
MDE-4331	Atlas Fuel Systems Installation Manual	Gasboy Commercial & Retail Pumps
MDE-4333	Atlas Fuel Systems Site Preparation Manual	Gasboy Commercial & Retail Pumps
MDE-4334	Atlas Start-up/Service Manual	Gasboy Commercial & Retail Pumps

Warranty

For information on warranty, refer to MDE-4255 Gasboy's Warranty Policy Statement. If you have any warranty-related questions, contact Gasboy's Warranty Department at its Greensboro location.

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 - This signal word is used to alert you to a hazard to unsafe practice which will result in death or serious injury

WARNING - This alerts you to a hazard or unsafe practice that could result in death or serious injury.

CAUTION with Alert symbol - This signal word designates a hazard or unsafe practice which may result in minor injury.

CAUTION without Alert symbol - When used by itself, CAUTION 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 for 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.

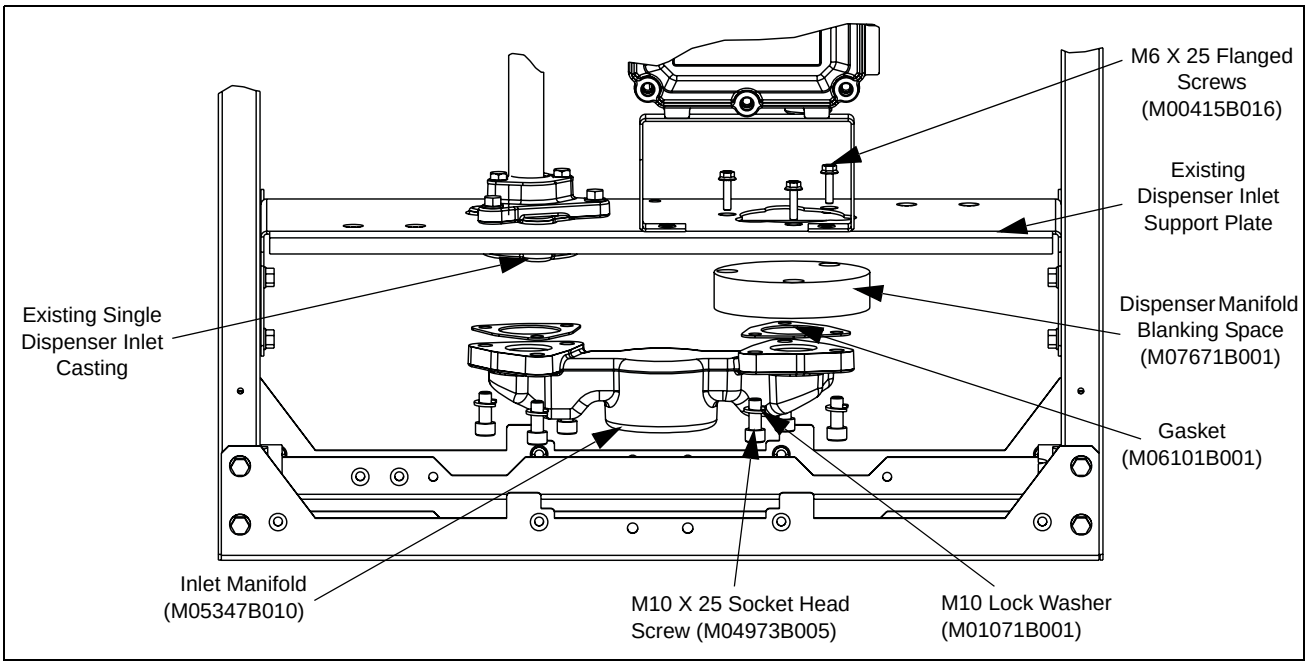
Installation of the Kit

Note: The M07676K00X kits are installed at the time of initial unit installation. If the kits are to be retrofitted onto units that are already in use, consult and follow MDE-4334 Atlas Start-up/Service Manual for safety, purging, and shut-down procedures.

Installing the M07676K001 Kit on a Dispenser

To install the M07676K001 kit on a dispenser, proceed as follows:

1. Attach the manifold blanking spacer (M07671B001) to the underside of the existing inlet support plate. Secure it with three flanged screws (M00415B016) and tighten.
2. Lightly apply grease to the bottom faces of both the blanking spacer and the existing dispenser inlet casting.
3. Lightly apply some grease to both discharge flanges of the inlet manifold (M05347B010).
4. Attach the two gaskets (M06101B001) to the flanges in the mating position.
5. With gaskets in place, attach the manifold to the dispenser inlet casting and secure using three lockwashers (M01071B001) and three socket head screws (M04973B005). Tighten the screws to a snug fit; do not overtighten.
6. Secure the opposite end of the manifold to the manifold blanking spacer using three lockwashers (M01071B001) and three socket head screws (M04973B005).
7. Tighten all the six screws that attach the manifold to the inlet casting and blanking spacer.
8. Check for leaks upon initial operation of the unit.



Installing the M07676K002 Kit on a Self-contained Pump

To install the M07676K002 kit on a self-contained pump, proceed as follows:

1. Remove the three bolts and lock washers that attach the existing pump inlet adapter and gasket. Discard the adapter, gasket, and hardware.

2. Lightly apply some grease to both discharge flanges of the inlet manifold (M05347B010).

3. Attach two gaskets (M06101B001) to the flanges in the mating position.

4. Lightly apply grease to the face of the existing pump inlet.

5. With the gasket in place, attach the manifold to the pump inlet and secure using three lockwashers (M01071B001) and three socket head screws (M04973B005). Tighten the screws to a snug fit; do not overtighten.

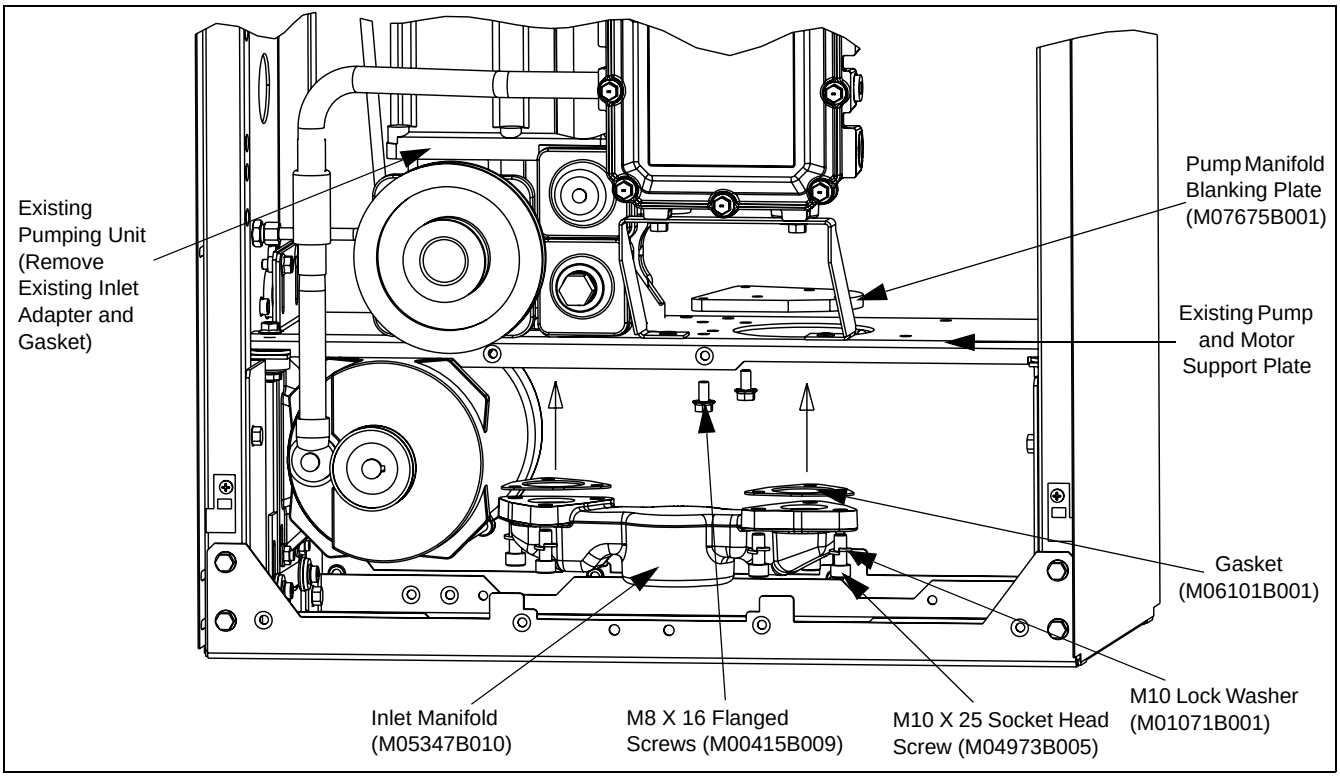
6. With the gasket in place on the manifold face opposite the pump, lightly grease the mating face of the manifold blanking plate (M07675B001) and place it on top of the pump and motor support plate.
   Note: The manifold blanking plate is not symmetrical and will fit only one way when bolts are attached.

7. Secure the manifold blanking plate to the manifold using three lockwashers (M01071B001) and three socket head bolts (M04973B005). Tighten them to a snug fit; do not overtighten.

8. Secure the blanking plate to the underside of the pump and motor support plate using two flanged screws (M00415B009) and tighten.

9. Tighten all the six screws that attach the manifold to the pump and blanking plate.

10. Check for leaks upon initial operation of the unit.


Existing Pumping Unit (Remove Existing Inlet Adapter and Gasket)
Pump Manifold Blanking Plate (M07675B001)
Existing Pump and Motor Support Plate
Gasket (M06101B001)
M10 Lock Washer (M01071B001)
Inlet Manifold (M05347B010)
M8 X 16 Flanged Screws (M00415B009)
M10 X 25 Socket Head Screw (M04973B005)

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