



Atlas®

Recommended Spare Parts List

PT-1950G

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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. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Approvals

Gasboy, Greensboro, is an ISO 9001:2000 registered facility.

Underwriters Laboratories (UL):

UL File#	Products listed with UL
MH4314	All dispensers and self-contained pumping units
MH10581	Key control unit, Model GKE-B Series Card reader terminals, Models 1000, 1000P Site Controller, Model 2000S CFN Series Data entry terminals, Model TPK-900 Series Fuel Point Reader System

California Air Resources Board (CARB):

Executive Order #	Product
G-70-52-AM	Balance Vapor Recovery
G-70-150-AE	VaporVac

National Conference of Weights and Measures (NCWM) - Certificate of Compliance (CoC):

Gasboy pumps and dispensers are evaluated by NCWM under the National Type Evaluation Program (NTEP). NCWM has issued the following CoC:

CoC#	Product	Model #	CoC#	Product	Model #	CoC#	Product	Model #
95-179	Dispenser	9100 Retail Series, 8700 Series, 9700 Series	91-019	Dispenser	9100 Commercial Series	05-002	Atlas	8700K, 8800K, 9100K, 9200K, 9800K
95-136	Dispenser	9800 Series	91-057	Controller	1000 Series FMS, 2000S-CFN Series			

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1 – Introduction

This manual provides details of the recommended spare parts and quantities to stock the corresponding Atlas® equipment in your service area.

How to Use Your Manual

This manual provides spare parts information in a tabular form, identifying Where Used and Critical level. The table consists of parts that are recommended to be stocked by Authorized Service Contractors (ASCs) and Distributors.

Parts Tables

The tables in this manual are structured as follows. Definitions for each column are provided after the table (refer to the following example):

Part Description	Part Number	Where Used	Critical	ASC		Distributor
				100	100	500
LCD Board	C06387	9800 Series	Medium	2	4	6

Part Description

The Part Description column provides a detailed name for each recommended part. Information such as colors, dimensions, or other details are provided, wherever applicable.

Part Number

The Part Number column provides the current part number for each item.

Where Used

The Where Used column helps identify specific units or areas where a part is used.

The Where Used Key at the bottom of the table provides definitions for the Where Used column.

Critical

The Critical column indicates how important a part is to the operation of a unit. Definitions are as follows:

High	Loss of this part will shut down a system.
Medium	Loss of this part will cause the loss of console and some pump or dispenser control or service.
Low	Routine service part significantly affecting the usage of the unit.

ASC and Distributor

The ASC and Distributor columns indicate how many units of each part must be stocked for both ASCs and Distributors, depending on the number (100 or 500) of units in their service area.

Quantities shown in this manual are for initial stock-up purposes or reference only. The actual quantities that are to be stocked by an ASC or Distributor are dictated by the business conditions for the area (for example, the age of the equipment, number of technicians, and distance between the ASC and Distributor).

Remanufactured Board Express

For replacements during warranty, use genuine Gasboy® boards repaired through Gasboy's Remanufactured Board Express Service. This is approved under Gasboy's warranty policy.

Related Documents

Document Number	Title	GOLD SM Library
MDE-4255	Gasboy Warranty Policy Statement	<ul style="list-style-type: none"> • Domestic warranty and Owners Manuals • Gasboy Safety and Warranty Docs • Gasboy Policy Documents

Abbreviations and Acronyms

Term	Description
ASC	Authorized Service Contractor
ATC	Automatic Temperature Compensation
CFT	Cubic Foot
CPU	Central Processing Unit
DEF	Diesel Exhaust Fluid
ECAL	Electronic Calibration
EEPROM	Electrically Erasable Programmable Read-only Memory
GPU	Gear Pumping Unit
LCD	Liquid Crystal Display
LED	Light Emitting Diode
PCA	Printed Circuit Assembly
PCB	Printed Circuit Board
PPP	Programmable Pump Preset
VAC	Voltage Alternating Current

Warranty

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

2 – Commercial and Retail Parts

Printed Circuit Boards

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
ATC Controller Board	T20569-G1	8800 Series with ATC	Legacy® Retail Electronic	Medium	1	2	3
Backlight Board	T17622-G9	8800 Series	Legacy Retail Electronic	Low	1	2	3
Controller Board Assembly	T20011-G1	8800 Series (Pulse Output)	Legacy Retail Electronic	High	1	2	4
Front Load Satellite Board (110 VAC)	M07366A001	9200 Series	9800 Combo	Medium	1	1	3
Front Load Satellite Board (220 VAC)	M07366A002	9200 Series	9800 Combo	Medium	1	1	3
Hydraulic Interface Board	T18994-G1	8800 Series	Legacy Retail Electronic	High	1	2	4
LCD Main Display Board	M15224A001	8800 Series	Legacy Retail Electronic	Medium	1	2	4
Pump Controller Board	T20092-G1	8800 Series	Legacy Retail Electronic	High	1	2	4
Retail Pulsar Output PCB	M05200A001	8800 Series	-	High	1	2	3
T-Meter Module	T19405-G4	8800 Series with ATC Option	-	Medium	1	2	3
Below CPUs 115/230 V:							
CPU 9800K Software	M06333K9800K	9852K, 9853K Models	Gasboy	High	2	3	4
CPU 9850 Software	M06333K9850	9850A, 9850Q, 9850K Models	Commercial				
CPU 9840K Software	M06333K9840K	9840K Models	Electronic				
CPU 9800Q Software	M06333K9800AQ	9822A, 9822Q, 9823A, 9823Q, 9823K, 9852A, 9852Q, 9853A, 9853Q Models					
CPU 9840Q Software	M06333K9840AQ	9840A, 9840Q Models					
CPU ECAL Software	M06333KECAL	9862KX, 9872KX Models					

Note: The above software types can be loaded on any one of the M06333KXXXX boards (except ECAL software, ECAL must use a M06333A002 board) by using the appropriate M06656K00X Serial EEPROM Board.

Notes:

- i) Replaces C06394, C06503, M05346A002, and M05346A004.*
- ii) Requires M07588A00X or M15579K001 Series Power Supply.*
- iii) M06333KXXXX requires ATC Kit M08218K001 for models 9850A/Q, 9850K, 9852A/Q, 9853A/Q, 9840A/Q where ATC is present.*

Where Used key:

All = all unit models

Mechanical = all models with a mechanical computer or non-computer

Electronic = all units with an electronic readout

I/F option only = optional pulse out interface board

Pumps = all pumping units

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Serial EEPROM 9800K Software	M06656K001	9800 Series	Gasboy Commercial Electronic	Low	1	1	2
Serial EEPROM 9850 Software	M06656K002						
Serial EEPROM 9840K Software	M06656K003						
Serial EEPROM 9800Q Software	M06656K004						
Serial EEPROM 9840Q Software	M06656K005						
Serial EEPROM ECAL Software	M06656K006						
Serial EEPROM Kit (9800K, 9850, 9840K, 9800Q, 9840Q, and ECAL Software)	M06656K100						
LCD Display Board	M12158A004 <i>Note: Replaces C06387.</i>	9800 Series	Gasboy Commercial Electronic	Medium	2	4	6
LED Sale Backlight	C06372 (C06387 display) M12019A001 (M11714A002 display)	9800 Series	Gasboy Commercial Electronic	Medium	1	2	3
Power Supply 115 V	M15579K001 <i>Note: Replaces C06396 and M07588A002.</i>	With All 9800 Series CPUs <i>Note: C06396 is not to be used with M06333KXXXX CPUs.</i>	Gasboy Commercial Electronic	High	1	2	3
Power Supply 230 V	M15579K001 <i>Note: Replaces C06488 and M07588A004.</i>	With All 9800 Series CPUs <i>Note: C06488 is not to be used with M06333KXXXX CPUs.</i>	Gasboy Commercial Electronic	High	1	2	3
RS-485 Interface Board with Electromechanical Totalizer	M06725A001 <i>Note: Replaces M05248A001 and C06389.</i>	9800 Series with RS-485 Interface Option and/or Electromechanical Totalizer Option	Gasboy Commercial Electronic	Medium	1	2	3
Pulse Out Interface (dual common/distinct outputs, two dual common outputs) with Electromechanical Totalizer	M06587A001 <i>Note: Replaces dual distinct output boards C06425 and M05158A001. Replaces dual common output boards C06746 and M05158A002. Replaces M05158A003.</i>	9800 Series with Pulse-out Interface Option and/or Electromechanical Totalizer Option	Gasboy Commercial Electronic	Medium	1	2	3

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Pumps = all pumping units

Hydraulic Related Parts

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Filter, High Capacity	R20039	All	Gasboy and Legacy	Medium	10	20	50
Meter Check Valve	N23619-G2	All	Gasboy and Legacy	Medium	4	8	12
Meter, CFT	T20150-G5	Electronic	-	Medium	1	2	3
Meter, CFT Gallons	T20150-G6	Mechanical	-	High	1	2	3
Meter, CFT Liters	T20150-G7	Mechanical	-	High	1	2	3
Meter, CFT, Master Seal Kit	K96618	All	Legacy Retail Electronic	Medium	1	2	3
Meter, Quad Shaft Seal Kit	K35222	All	Gasboy and Legacy	Medium	1	2	3
Strainer High Capacity	R19457	All	Legacy	Medium	2	3	5
Two Stage Valve (110 VAC)	067034	9200 Series	-	High	2	2	4
Two Stage Valve (220 VAC)	067036	9200 Series	-	High	2	2	4
Valve and Manifold 120 V	M04607B001	All 120 V	-	High	1	2	3
Valve and Manifold 220 V	M04607B002	All 220 V	-	High	1	2	3
Valve Coil Kit 120 V	M04607K012	All 120 V	-	Medium	2	3	4
Valve Coil Kit 220 V	M04607K013	All 220 V	-	Medium	2	3	4
Valve Diaphragm Kit	M04607K010	All	-	Medium	2	3	4

Where Used key:

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I/F option only = optional pulse out interface board

Pumps = all pumping units

Programmable Pump Preset (PPP) Options

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Programmable Preset Assembly	R20267-G5	8800 Series with Option	Legacy Retail Electronic	Medium	2	4	7
Programmable Preset Board	T17331-G2	8800 Series with Option	Legacy Retail Electronic	Medium	1	2	4
Programmable Preset Display PCA	T17328-G1	8800 Series with Option	Legacy Retail Electronic	Medium	1	2	4
Programmable Preset Overlay	T17885-XX	8800 Series with Option	Legacy Retail Electronic	Medium	3	5	8

Where Used key:

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Electronic = all units with an electronic readout

I/F option only = optional pulse out interface board

Pumps = all pumping units

Pump and Motor Parts

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Belt	R06711-52	Pumps	Gasboy and Legacy	Medium	1	1	2
Motor 1 HP, 115/230 V, 50 Hz, 1 Phase	R14213-33	Pumps	-	High	0	1	2
Motor 1 HP, 115/230 V, 60 Hz, 1 Phase	R14213-32	Pumps	-	High	0	1	2
Motor 3/4, 115/208-230 V, 3 Phase	M01068B303	Pumps	Gasboy and Legacy	High	0	1	2
Pump (GPU) Seal Kit	M04920K102	Pumps	-	Medium	2	2	3
Pump (GPU) Strainer	M04920K101	Pumps	-	Medium	1	2	2
Pump (GPU) Bypass Valve Repair	M04920K100	Pumps	-	Medium	2	2	3
Pumping Unit GPU	M04920B003	Pumps	-	Medium	0	0	1

Where Used key:

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I/F option only = optional pulse out interface board

Pumps = all pumping units

Additional Parts

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Mechanical Computer - Gallons	021009	8700 Series	Gasboy Mechanical Retail	Medium	1	2	3
Mechanical Computer - Liters	021065	8700 Series	Gasboy Mechanical Retail	Medium	1	2	3
Fuse, 1 A, Power Supply	Q10131-03	8800 Series	Electronic Legacy	Medium	10	20	40
Main Power Supply	T19868-G1	8800 Series	Legacy Electronic	High	1	2	3
Pump Stop and 5 Button Preset Assembly without LCD display	T19326-G1	8800 Series with Option	-	Medium	2	4	7
Pump Stop and 5 Button Preset Overlay	T50005-XX	8800 Series with Option	-	Medium	3	5	8
I.S. Barrier - ATC	T19428-G1	8800 Series	Legacy Electronic	Medium	2	3	5
Mechanical Non-computer - Gallons	021079	9100 Series	Gasboy Mechanical Commercial	Medium	1	2	3
Mechanical Non-computer - Liters	021071	9100 Series	Gasboy Mechanical Commercial	Medium	1	2	3

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Pumps = all pumping units

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Reset DPST Switch	064466	9100 Series	Gasboy Commercial Electronic	Medium	3	5	7
Reset Motor 120 V	S00435	9100 Series	8700 Series	Medium	1	2	3
Reset Motor 230 V	S00675	9100 Series	8700 Series	Medium	1	2	3
Electronic Reset	M04623A001	9800, 8800 Series	Gasboy Mechanical	Medium	0	1	2
Brand Panel lighting	Q10557-01 (fluorescent lamps) M13924A001 (LED light strip)	All models with light	-	Low	4	8	16
Fuse, 1 A, 250 V Pico CPU	Q13070-07 <i>Note: Replaces C09071</i>	9800 Series All CPUs <i>Note: C09071 is not to be used with M06333KXXXX CPUs.</i>	Gasboy Commercial Electronic	Medium	10	20	40
Fuse, 1 A, Slow Blow, Main	Q10131-29 <i>Note: Replaces C04044.</i>	9800 Series	Gasboy Commercial Electronic	Medium	10	20	40
Hose Clamp 1"	N15680-01	1" hose	Gasboy Legacy	Low	1	2	3
Hose Grommet 1"	R14853-01	1" hose	Gasboy Legacy	Low	1	2	3
IS Barrier - Front Load	C06766	9800 Series	Gasboy	Medium	2	3	5
Front Load Nozzle Boot Sensor	C04243	9800 Series	Commercial Electronic				
Pulser	T18350-G3	8800 Series	Legacy Retail Electronic	Medium	3	3	6
Pulser - Single and Dual Units	M04011B001	9800 Series	Gasboy Commercial Electronic	Medium	3	3	6
RAM	C01383	9800 Series CPUs C06394, C06503, M05346A002 and M05346A004	Atlas/Gasboy Commercial Electronic	Medium	1	1	2
Relay, Solid State	Q11008-01	9800, 8800 Series	Gasboy	Medium	1	1	2
Universal Seal kit	M05559K001	All	-	Medium	1	1	2

Where Used key:*All = all unit models**Mechanical = all models with a mechanical computer or non-computer**Electronic = all units with an electronic readout**I/F option only = optional pulse out interface board**Pumps = all pumping units*

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3 – Atlas E85 and Diesel Exhaust Fluid (DEF) Pump Parts

Atlas E85 Unit

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Valve Controller PCA	M06031A001			Low	2	2	4
Valve Interface PCA	M11480A001			Low	2	2	4
Power Supply +24 VDC	M04161B005			Low	3	3	6
Power Supply Kit, 115 VAC	M15579K001	Atlas Commercial E85 Dispensers	-	High	4	4	8
Power Supply Kit, 230 VAC	M15579K001			High	2	2	4
Dual Pulse-output, PCA	M06587A001			Low	2	2	4
CPU ECAL Software	M06333KECAL			Low	3	3	6
Pulser, Single or Dual	M05839B002			Medium	4	4	8

Atlas DEF Dispenser 9862

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Coriolis Meter	M10006A001			Low	1	1	2
Meter Interface PCB	M10030A001			Low	1	1	2
Dual Pulse Output PCB	M06587A001			Low	2	2	4
Power Supply Kit, 115 VAC	M15579K001			High	3	3	6
CPU ECAL Software	M06333KECAL			Low	3	3	6
Temperature Control PCB	M14100A001**			Medium	4	4	7
Meter Electronic Module	M10006B501			Low	2	2	4
AC Bracket/Cable Assembly	M05110A002**			Low	2	2	4
Heater/Fan Assembly (750 W)	Q13254-03**	Atlas Commercial DEF Dispensers	-	Low	3	3	5
Heater/Fan Assembly (230 W)	M12260A001**			Low	2	2	4
Fuse 4 A SLO-BLO, 250V	Q10131-26**			Low	3	3	6
Relay	Q11008-02**			Medium	4	4	7
Frozen Thermostat	M10131A008**			Low	3	3	6
Nozzle Boot Switch	M06600K001**			Low	2	2	4
Breakaway Swivel	M10258B001			Low	1	1	3
DEF Nozzle (Magnetic)	M10257B001			Medium	3	3	7
DEF Nozzle (Standard)	M10257B002			Medium	3	3	7
Check Valve	M10170B002			High	6	6	12
Heater Thermostat	M10131A006**			Low	2	2	4
Hose Outlet	M10226B101			Low	2	2	4

Part Description	Part Number	Where Used	Also Used	Critical	ASC Distributor		
					100	100	500
Filter Strainer (in Dispenser)	M10820A001			Medium	4	4	8
Replacement Strainer	M10820B002			Medium	4	4	8
Valve/Coil	M02321A005	Atlas Commercial	-	Low	2	2	4
Valve Repair Kit	M02321K005	DEF Dispensers		Low	2	2	3
Magnetic Nozzle Actuator	M10656B001			Low	1	1	2
Hose Reel Swivel	M12293B001**			Low	1	1	2

**Denotes Cold Weather Units.

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GASBOY

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7300 West Friendly Avenue · Post Office Box 22087
Greensboro, North Carolina 27420
Phone (800) 444-5529 · <http://www.gasboy.com> · Printed in the U.S.A.
PT-1950G Atlas[®] Recommended Spare Parts Manual · March 2020