



PT-1963K

Gasboy® Fleet Systems Illustrated Spare Parts Manual

SAFETY CONSIDERATIONS

Read all warning notes and instructions carefully. They are included to help you installing the Product safely in the highly flammable environment of the fuel station. Disregarding these warning notes and instructions could result in serious injury or property damage. It is the installer responsibility to install, operate and maintain the equipment according to the instructions given in this manual, and to conform to all applicable codes, regulations and safety measures. Failure to do so could void all warranties associated with this equipment.

Remember that the fuel station environment is highly flammable and combustible. Therefore, make sure that actual installation is performed by experienced personnel, licensed to perform work in fuel station and at a flammable environment, according to the local regulations and relevant standards.

WARNING - EXPLOSION HAZARD

Use separate conduit for the intrinsically safe. Do not run any other wires or cables through this conduit, because this could create an explosion hazard.

Use standard test equipment only in the non- hazardous area of the fuel station, and approved test equipment for the hazardous areas.

In the installation and maintenance of the Product, comply with all applicable requirements of the National Fire Protection Association NFPA-30 “Flammable and Combustible Liquids Code”, NFPA-30A “Code for Motor Fuel Dispensing Facilities and Repair Garages”, NFPA-70 “National Electric Code”, federal, state and local codes and any other applicable safety codes and regulations.

Do not perform metal work in a hazardous area. Sparks generated by drilling, tapping and other metal work operations could ignite fuel vapors and flammable liquids, resulting in death, serious personal injury, property loss and damage to you and other persons.

CAUTION - SHOCK HAZARD

Dangerous AC voltages that could cause death or serious personal injury are used to power the Product. Always disconnect power before starting any work. The Product has more than one power supply connection points. Disconnect all power before servicing.

WARNING - PASSING VEHICLES

When working in any open area of fuel station, beware of passing vehicles that could hit you. Block off the work area to protect yourself and other persons. Use safety cones or other signaling devices.

WARNING

Components substitutions could impair intrinsic safety.
Attaching unauthorized components or equipment will void your warranties.

CAUTION

Do not attempt to make any repair on the printed circuit boards residing in the Product, as this will void all warranties related to this equipment.

PROPRIETY NOTICE

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DISCLAIMER

This document is provided for reference only. Although every effort has been made to ensure correctness, ORPAK SYSTEMS does not guarantee that there are no errors or omissions in this document.

FCC COMPLIANCE STATEMENT

The FCC Wants You to Know:

This equipment has been tested and found to comply with the limits for a Class B & C digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- a) Reorient or relocate the receiving antenna.
- b) Increase the separation between the equipment and receiver.
- c) Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- d) Consult the dealer or an experienced radio/TV technician.

FCC WARNING

Modifications not expressly approved by the manufacturer could void the user authority to operate the equipment under FCC Rules.

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1 – Spare Parts Table

This document includes parts for the following Gasboy® systems: Islander PRIME, Atlas PRIME, Islander PLUS, CFN Plus Controllers, Fuel Truck Controller, TopKAT PLUS Controllers, and Fuel Point PLUS.

Table 1: Gasboy Part Number vs. Orpak Part Number

Part Description	GVR P/N	Orpak Description	Orpak P/N
Cable, Ground	M04431A004	N/A	N/A
Panel, PC Board Support, Orpak 1000	M05045B003	N/A	N/A
Assy, PRIME Display Panel, SNGL Ultra-Hi, Canada	M05770A111	N/A	N/A
Assy, PRIME Display Panel, SNGL E85, Canada	M05770A112	N/A	N/A
Lens, Dial Face	M08330B002	N/A	N/A
PRIME Bezel Assy, Atlas With Dial Face	M08400A002	N/A	N/A
Bezel Assembly Kit - New ECN	M08400K002	N/A	N/A
Atlas Power Supply	M15579K001	N/A	N/A
Cable, Atlas/ORPAY DC Power/485	M15499A001	N/A	N/A
Cable, Atlas/ORPAY DC Power Side-B	M15499A002	N/A	N/A
Cable, Atlas DC Power to Hub, STD & Ultra-HI	M15502A001	N/A	N/A
Cable, Atlas Power to Hub, E85	M15502A002	N/A	N/A
Cable, DC Power ORPAK OrCU	M15505A001	N/A	N/A
Cable, DC Power ORPAK OrCU	M15505A002	N/A	N/A
Card Reader Adapter Assy	M15793A001	N/A	N/A
Lexan Support Bracket Assembly	M15794A001	N/A	N/A
Hinge Pin	M16252B001	N/A	N/A
Bezel Hinge Support Bracket	M16580B001	N/A	N/A
Orpay Collar Cover	M16720B001	N/A	N/A
Card Reader Enclosure Atlas PRIME	M16756B001	N/A	N/A
Hinge Bracket Assy. PRIME Bezel	M16832A001	N/A	N/A
Nut Hex Slf Lock 1/4-20 Stl Zn Plt	Q10218-06	N/A	N/A
Screw, Sems Phil Ph M4X20 Stl Zn Plt	Q12845-61	N/A	N/A
Screw, Sems Phil Ph M4X30 Stl Zn Plt	Q12845-63	N/A	N/A
PCA, Hub Interface (HIP2)	M12760A001	N/A	N/A
J 1708 6 PIN Harness	M09680B139	N/A	N/A
Peterbilt & Kenworth J1939 (LowSpeed) protocol	M12200A005	N/A	N/A
Peterbilt & Kenworth J1939 (High Speed) protocol	M12200A007	N/A	N/A
J1708 Harness 9-PIN	M12200A001	N/A	N/A
Freightliner and International J1939 (Low Speed) protocol	M12200A002	N/A	N/A
Transformer - 24 V	M09680B022	Transf. 24 V 3.33 A, CI2-80-24	811338000
Lock	M09680B018	Lock	813100800
Solid State Relay - 12 VDC, 12 A	M09680B011	Relay, SSR, 12 VDC, 12 A W6212DDX-1	813105900
Head of Printer + harness	M09680B023	Prin.High Speed + Harness, 24 V	813107480

Spare Parts Table

Part Description	GVR P/N	Orpak Description	Orpak P/N
Keyboard Label	M09680B026	Label KBD.OrPT Panel	817322505
Harness, Data Key Socket	M09680B027	Harness, Data Key Socket/OrPT	819138050
Tokheim® Pump Interface Card	M09680B028	Tokh.Int.P.B. (8P), Tested	819223420
Current Loop Pump Interface Card	M09680B029	Gilbarco® Pump (Pb-8P) - Test	819223431
RS-232 VR/Pump Interface Card	M09680B016	RS-232 Int. (Pb-8P) - Test	819223451
RS-485 Pump Interface Card	M09680B017	RS-485 P.B. 8P- Test	819223460
RS-422 Pump Interface Card	M09680B030	RS-422	819223471
Nuovo Pignone Pump Interface Card	M09680B031	Nuovo Pignone	819223485
Mechanical Pump Interface Card	M09680B019	Assy, MPI + Sub P.B.(8P), Tested	819223490
Hub Switch	M09680B032	Kit Assy.-5 Port Switch - Tested	819225210
Printed Circuit Board (PCB) card for Printer	M09680B033	PCB Assy.G2 Printer Eng, Tested	819519950
Printer - Islander™ and ICR PLUS	M09680B034	Printer Module Assy Kit, OrIC	819238095
FTC Shock Absorber	M09680B035	Shock Observer	814605600
Fuse	M09680B036	Harness, P.S.Fuse Conn. 24 V	819138051
Interface Card Extractor	M09680B037	Card Extractor (8P CommVerter)	814423700
Islander and ICR PLUS Top Cover	M09680B042	Top Cover GB	819238056
Paper Roll Pivot for Receipt Printer	M09680B108	Shaft, Paper Roll- ISCU+AXIOHM	814911100
Cylinder Roll for Receipt Printer	M09680B109	Cylinder Roll, Printer Module	814948400
HS - Tag (One per ring)	M09680B020	FuelOpass HS	819205541
Wireless Gateway Terminal (WGT) Cards Set Tested	M09680B047	WGT Cards Set Tested	819239310
Harness ANT LOOP-Wireless Programmer	M09680B049	Harness ANT LOOP-Wireless Programmer	819120900
Harness ANT LOOP-W. Programmer 110 mm	M09680B091	Harness ANT - W. Programmer 110 mm	819120915
Harness D9P/D9S RS-232 W.L.PROG	M09680B050	Harness D9P/D9S RS-232 W.L.PROG	819120935
DataPass Harness	M09680B051	DataPass Harness	819107670
PCB Assy P.S 32 VDC	M09680B052	PCB Assy P.S - 32 VDC	819538036
PCB Assy P.S 24 VDC 8 Hoses	M09680B083	PCB Assy P.S - 24 VDC	819538035
HID Indala - KIT	M09680B058	HID Indala - KIT	819218100 819218055
Simulator for MPI-C	M09680B059	Simulator for MPI-C	819523691
Battery-Wireless Vehicle Programmer	M09680B067	Battery-Wireless Vehicle Programmer	812520900
NR, Coil- Type 2/3	M09680B075	NR, Coil- Type 2/3	819339005
NR-H, Coil 70 mm	M09680B076	NR-H, Coil 70 mm	819339110
NR-H, Coil - Wiggins	M09680B080	NR-H, Coil - Wiggins	819339143
NR-H, Coil - POSILOCK	M09680B081	NR-H, Coil - POSILOCK	819339160
Relay, 30 A (8 Hose)	M09680B085	Relay, 30 A (8 Hose)	813111300
Kit, Coil Holder Clamp (30pc)	M09680B086	Clamp Coil Holder (30pc)	815806030
TopKAT™ PLUS Tag - Orange Tag	M09680B087	Tag, Gilbarco, Orange, INIT	819209871
OrCU (Dongle + Holder)	M09680B089	OrCU, RS-232 Dongle + Holder	819235520
Paper TopKAT Printer	M09680B101	Paper Roll, 57 mm x 40 mm, 55GR-Term	816600400
Printer Head - TopKAT	M09680B102	Printer Head G2 + Heater-Assy	819219990
KIT 5 Port - TopKAT	M09680B103	KIT - 5 Port+ Heatsink - OrTOP	819225270
MPI + SUB P.B.(8P)- TopKAT	M09680B105	MPI + SUB P.B.(8P) - OrTOP	819223492
Lock - TopKAT	M09680B106	Lock + 2 Equable Keys	813138800
Mechanical Assy Printer Box - TopKAT	M09680B107	Mechanical Assy Printer Box	819020300

Part Description	GVR P/N	Orpak Description	Orpak P/N
Window, Fleetkey	M09680B111	Window, Datakey OrIC, Printed (DK only)	814907130
CFN PLUS lock	M09680B097	Lock, Rittal Box (OrCU 3000)	813102500
Upgrade Kit OrTC DC/DC Converter	M09680B093	PCB Assy CONV. 24 V OrTC, Tested	819538020
Hardware upgrade kit	M09680B055	Hardware upgrade kit	TBD
Door stop kit	M09680B056	Door stop kit	TBD
MIFARE Pod Power Supply 115/230V-15V-1a	M09680B120	MIFARE Pod Power Supply 115/230V-15V-1a	811307100
MIFARE Pod Power Cable, 115V	M09680B121	MIFARE Pod Power Cable, 115V	819302950
MIFARE Pod RS-232 Harness	M09680B122	MIFARE Pod RS-232 Harness	819136700
Window, Logo Gasboy, Islander/ICR PRIME	M09680B125	Window, Logo Gasboy OrIC	814980610
Protector OrIC 8M + 5 Port	M09680B126	Protector OrIC 8M +5 Port	814985501
Card Swipe Cover - OrPT	M09680B127	Swiper 43 Cover Printed, OrPT	814942100
Label, Caution, AC Cover	M09680B128	Label, Caution, ORU+ AC Cover	817302100
FHO HID Pod (New-920PT)	PA04020030	FHO HID Pod (New-920PT)	800918260
HID Signo Model	M09680K169	N/A	N/A
HID Signo Reader	M15778K169	N/A	N/A
PAS Controller (OrCU)	PA0416000000	OrCU Passport (GB) - Tested	811035520
OrCU PRIME- nOrCU (FCC Board)	M15778B206	OrCU PRIME- nOrCU (FCC Board)	800941010
nOrCU with Advanced License	M15778A206	N/A	N/A
PCB ASSY-LAN TO 3x485 Hub	M15778B200	PCB ASSY-LAN TO 3x485 Hub	819527280
5-Port for Islander/ICR PRIME	M15778B214	5-Port for OrIC PRIME	819250200
PCB ASSY, LEDS Card Islander/ICR PRIME	M15778B202	PCB ASSY, LEDS Card OrIC	819523170
ASSY-Backplane - Islander/ICR PRIME	M15778B203	PCB ASSY-Backplane-OrIC P	819550000
Islander/ICR PRIME-2M Card	M15778B001	OrIC PRIME-2M Blade	819250015
Islander/ICR PRIME-4M Card	M15778B002	OrIC PRIME-4M Blade	819250025
Islander/ICR PRIME-4x485 Card	M15778B003	OrIC PRIME-4x485 Card	819250030
Islander/ICR PRIME-4xTokheim Card	M15778B004	OrIC PRIME-4xTokheim Card	819250040
Islander/ICR PRIME- 4xC.Loop Card	M15778B005	OrIC PRIME- 4xC.Loop Card	819250050
Islander/ICR PRIME-2x422+ 2 X 232 Card	M15778B006	OrIC PRIME-2x422+ 2 X 232 Card	819250060
ASSY Power Supply Islander/ICR PRIME-Ext Temp	M15778B215	ASSY P.S OrIC PRIME-Ext Temp	819282450
OrPAY1000 with Cables	M15778B208	OrPAY1000 GASBOY for OrIC	800927858
OrPAY 1000 with Activated Wireless Gateway	M15778A208	OrPAY1000 GASBOY for OrIC	-
ASSY-OrPAY1000 Insert Card Reader	M15778B007	ASSY-OrPAY1000 Insert Card Reader	819227851
Insert Card Reader with Cover	M15778B012	ASSY-OrPAY1000 Insert Card Reader with Cover	819227859
Islander/ICR PRIME Barcode Set	M15778B009	OrIC PRIME Barcode Set	819250100
Printer G2 Module for Islander/ICR PRIME	M09680B170	G2 Printer Module	800919970
Printer Funnel and Cutter Kit	M09680B171	Printer Funnel and Cutter Kit	819019955
Islander/ICR PRIME- Pedestal, Bottom	M15778B100	OrIC PRIME- Pedestal, Bottom	819050010
Islander/ICR PRIME-ADA- Pedestal, Bottom	M15778B101	OrIC PRIME-ADA- Pedestal, Bottom	819050020
Islander/ICR PRIME-SST- Pedestal, Bottom	M15778B102	OrIC PRIME-SST- Pedestal, Bottom	819050030
Islander/ICR PRIME-ADA- SST-Pedestal, Bottom	M15778B103	OrIC PRIME-ADA- SST-Pedestal, Bottom	819050040
License, WGT for OrPAY1000	KS612K201	License, WGT for OrPAY1000	800927840
OrCU Advanced License, Unlimited Hoses/Tanks	KS612K019	Advanced License	800935570
Wireless Gateway for Islander PLUS, ICR PLUS	PA04000000	WGT Unit	800939300
FTC – Installation kit	MO9680B039	OrTC Installation Kit - Shock Observer + Plate	819040120
FTC Remote Display - Keypad, MIFARE	PA04020101	OrTR-KB (OR, MF, ENG)	800910926
FTC Remote Display-Keypad, MIFARE, Card Swiper	PA04020201	OrTR KB (OR, MF, SW, ENG)	800910927

Spare Parts Table

Part Description	GVR P/N	Orpak Description	Orpak P/N
MIFARE Pod connected to FHO to read Tags (Obsolete)	PA04020000	FHO MIFARE POD	800910980
HID Indala POD	PA04020020	HID Indala POD	800918250
PRIME MIFARE Tag Reader	PA04020401	FHO MIFARE POD	800927855
MIFARE Tag Blue	M09679B001	MIFARE Tag Blue	800909831
MIFARE Tag Red	M09679B002	MIFARE Tag Red	800909832
MIFARE Tag Black	M09679B007	MIFARE Tag Black	800909888
MIFARE Card - White Blank	M09679B003	MIFARE Card – White blank	819209854
MIFARE Card – Green with Sequential Number	M09679B005	MIFARE Card Green +N	819209883
MIFARE Card – White with Sequential Number	M09679B004	MIFARE Card White +N	819209882
MIFARE Card – Yellow with Sequential Number	M09679B006	MIFARE Card Yellow + N	819209884
Outdoor Wireless Gateway Terminal for CFN PLUS - Compact Version	PA04000021	WGT Outdoor Unit	800939351
Outdoor Wireless Gateway Terminal for Fuel Truck Controller - Compact Version	PA04000022	MWGT Outdoor - OrTC	800927320
Outdoor Wireless Gateway Terminal for CFN - Site PRIME Option	PA04000001	GBPLUS Wireless GTW Term, Outdoor - CFN	800939375
Outdoor Wireless Gateway Terminal for Fuel Truck Controller	PA04000002	MWGT Outdoor - OrTC	800939366
nNR, ZVA, OPW 11 A+B, HUSKY	M09677B035	nNR, ZVA, OPW 11 A+B, HUSKY	800960000
nNR, ZVA, OPW 11 A+B, HUSKY + switch for use with Tanker Truck	M09677B037	nNR, ZVA, OPW 11 A+B, HUSKY + switch for use with Tanker Truck	800960100
nNR ZVA, OPW7H + switch for use with Tanker Truck	M09677B038	OPW7H + switch for use with Tanker Truck	800960150
nNR ZVA, OPW7H	M09677B036	nNR ZVA, OPW7H	800960050
NR, NANO, CNG XL	M09677B041	NR, NANO, CNG XL	800960060
NR, NANO, TOG, CNG XL	M09677B042	NR, NANO, TOG, CNG XL	800960160
NR Adaptor OPW 7H Nozzle	M09677B016	NR Adaptor OPW 7H Nozzle	819739105
nNR Small Protector	M09680B160	nNR Small Protector	819060010
nNR Large Protector	M09680B161	nNR Large Protector	819060100
Battery Pack 3.6V-NNR	M09680B164	Battery Pack 3.6V-NNR	812560025
Self-Installed Rings 70 mm (2.75")	M09678B001	FuelPass HS Set Assy (Self-install) 70 mm	819205541, 816000041
Self-Installed Rings 105 mm (4.13")	M09678B002	FuelPass HS Set Assy (Self-install) 105 mm	819205541, 816000042
Self-Installed Rings 120 mm (4.72")	M09678B003	FuelPass HS Set Assy (Self-install) 120 mm	819205541, 816000043
Self-Installed Rings 130 mm (5.11")	M09678B004	FuelPass HS Set Assy (Self-install) 130 mm	819205541, 816000030
Shaped Rings 75 mm (2.95")	M09678B005	FueloPass HS Set Assy (Shaped) 75 mm	819205541, 816000032
Shaped Rings 85 mm (3.34")	M09678B006	FueloPass HS Set Assy (Shaped) 85 mm	819205541, 816000033
Shaped Rings 95 mm (3.74")	M09678B007	FueloPass HS Set Assy (Shaped) 95 mm	819205541, 816000034
Molded Rings 55 mm (2.165")	M09678B010	FueloPass HS Set Assy (Molded) 55 mm	819205541, 816000040
Molded Rings 80 mm (3.15")	M09678B011	FueloPass HS Set Assy (Molded) 80 mm	819205541, 816000041
Molded Rings 130 mm (5.11")	M09678B016	FueloPass HS Set Assy (Molded) 130 mm	819205541, 816000046
Molded Rings 145 mm (5.71")	M09678B017	FueloPass HS Set Assy (Molded) 145 mm	819205541, 816000047
Self-Installed Rings Wiggins 125 mm x 183 mm	M09678B018	FuelOPass HS assembly, Wiggins 125 x183	819312640
Self-Installed Rings Wiggins 96 mm x 154 mm	M09678B019	FuelOPass HS assembly, Wiggins 96 x154	819312641

Part Description	GVR P/N	Orpak Description	Orpak P/N
Self-Installed Rings Self-Installed Installation Kit- Heavy Vehicle (100 units)	M09680B053	Self-Installed Installation Kit- Heavy Vehicle (100 units)	819005407
Vehicle Tank Rings Install Kit - 100 rings - Light Duty Vehicles	M09678B023	Installation Kit	819005404
uDATAPASS II PLUS	M09693B009	uDATAPASS II PLUS	800907451
DataPass (OBD + Pulses) – wired	M09693B004	DataPass (OBD+ Pulses)	800907300
Heavy vehicles and vehicles without bus that uses pulses (J1708/1587+FMS + Pulses)	M09693B001	DataPass (J1708/FMS + Pulses)	800907310
Replacement Lens	M15778B010	N/A	814351710
PIN Pad for EMV	M18380K10X	N/A	N/A
Fuel Cube - Antenna and security chip all-in-one Z-FLO-VTR021	M09678B021	Fuel Cube - Antenna and security chip	819205528
S/P Site PRIME nOrCU Holder	M15778B507	S/P Site PRIME nOrCU Holder	814658080
S/P Site PRIME Harnesses Set	M15778B511	S/P Site PRIME Harnesses Set	819158099
S/P Site PRIME Comm Board	M15778B510	S/P Site PRIME Comm Board	819257000
S/P Truck PRIME Main Power Supply Kit	M15778B509	S/P Truck PRIME Main Power Supply Kit	819258041
S/P Site PRIME Main Power Supply Kit	M15778B508	S/P Site PRIME Main Power Supply Kit	819258051
Truck PRIME SHOCK ABSORBER KIT	M15778B515	Truck PRIME SHOCK ABSORBER KIT	819040150
Site PRIME pole SET	M15778B514	Site PRIME pole SET	819058150
Site PRIME nWGT-W Add On Kit	M15778B505	Site PRIME nWGT-W Add On Kit	819227450
Site PRIME Wi-Fi Add On Kit	M15778B503	Site PRIME Wi-Fi Add On Kit	819258120
Site PRIME Cellular Modem Add On Kit	M15778B504	Site PRIME Cellular Modem Add On Kit	819258125
Site PRIME 1M Module	M15778B500	Site PRIME 1M Module	819258150
Site PRIME 4x RS485 Module	M15778B501	Site PRIME 4x RS485 Module	819258160
Site PRIME 4x C.L Module	M15778B502	Site PRIME 4x C.L Module	819258180
OrPAY1000 (SW) Site PRIME -Tested	M15778B513	OrPAY 1000 w/ Swipe Card Reader	800927850
OrPAY1000 with Current Loop Interface	M15778B216	OrPAY1000 with Current Loop Interface	800927856
OrPAY1000 Current Loop with WGT	M15778A216	N/A	N/A
OrPAY 1000 with Activated Wireless Gateway	M15778A513	N/A	N/A
Globalcom Card Reader - Generic II Key (white label)	M18380K102	N/A	N/A
Globalcom Card Reader - Cenex Key (white label)	M18380K103	N/A	N/A
Globalcom Card Reader - Canadian (white label)	M18380K107	N/A	N/A
Globalcom Card Reader - Generic II Key (green label)	M17986B102	N/A	N/A
Globalcom Card Reader - Cenex Key (green label)	M17986B103	N/A	N/A
Globalcom Card Reader - Canadian/CFN (green label)	M17986B104	N/A	N/A
Globalcom Contactless Reader - Canadian (green label)	M19098B101	N/A	N/A
Globalcom Pin Pad Module (green label)	M17985B101	N/A	N/A

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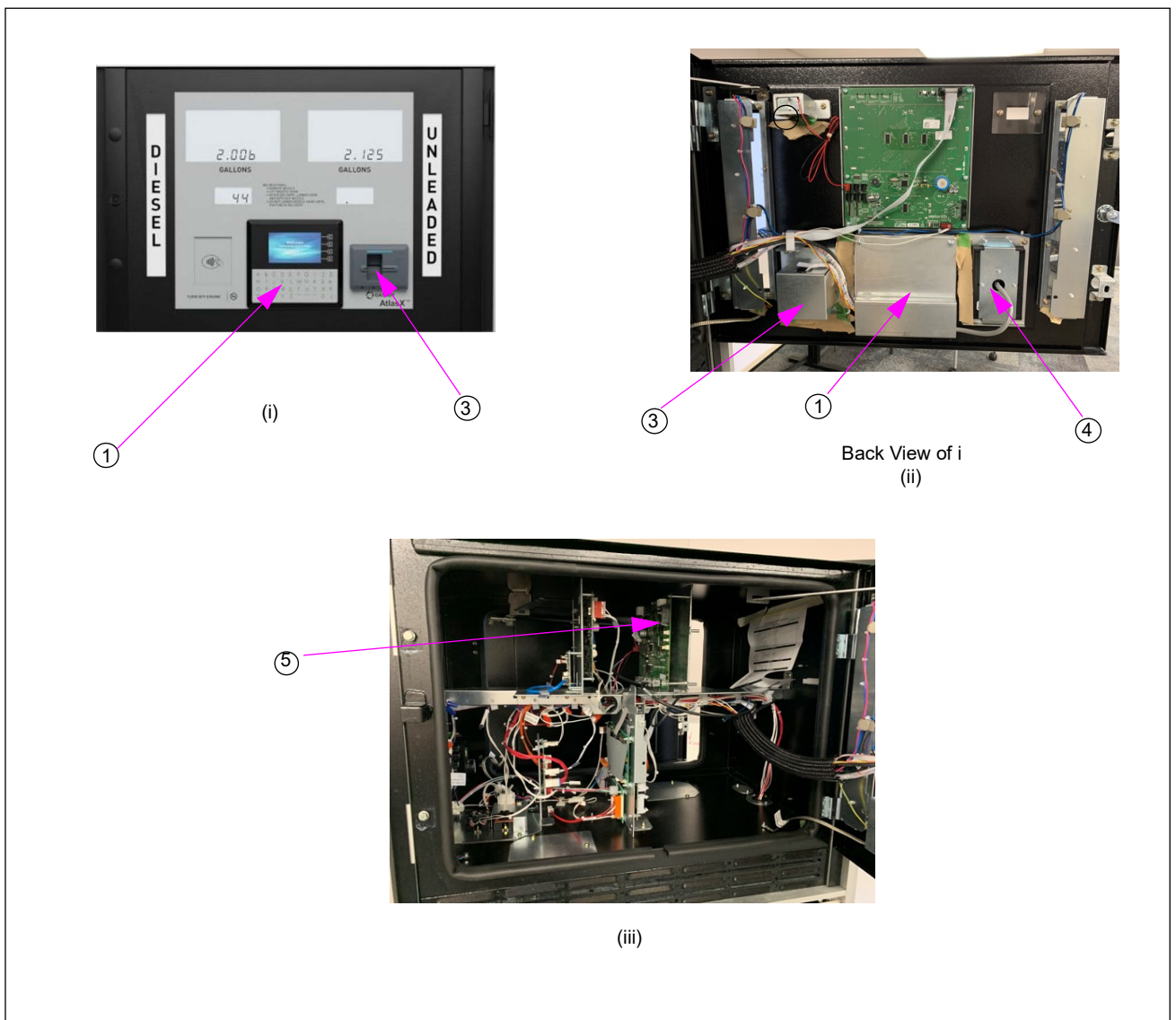
2 – Station Automation Hardware

The following section lists the spare parts available for the different Forecourt Controllers offered by Gasboy.

2.1 AtlasX PRIME





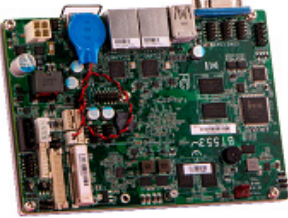
This section contains information on the recommended spare parts.

Figure 1: AtlasX PRIME Dispenser



A summary of the available components listed as follows in [Table 2](#).

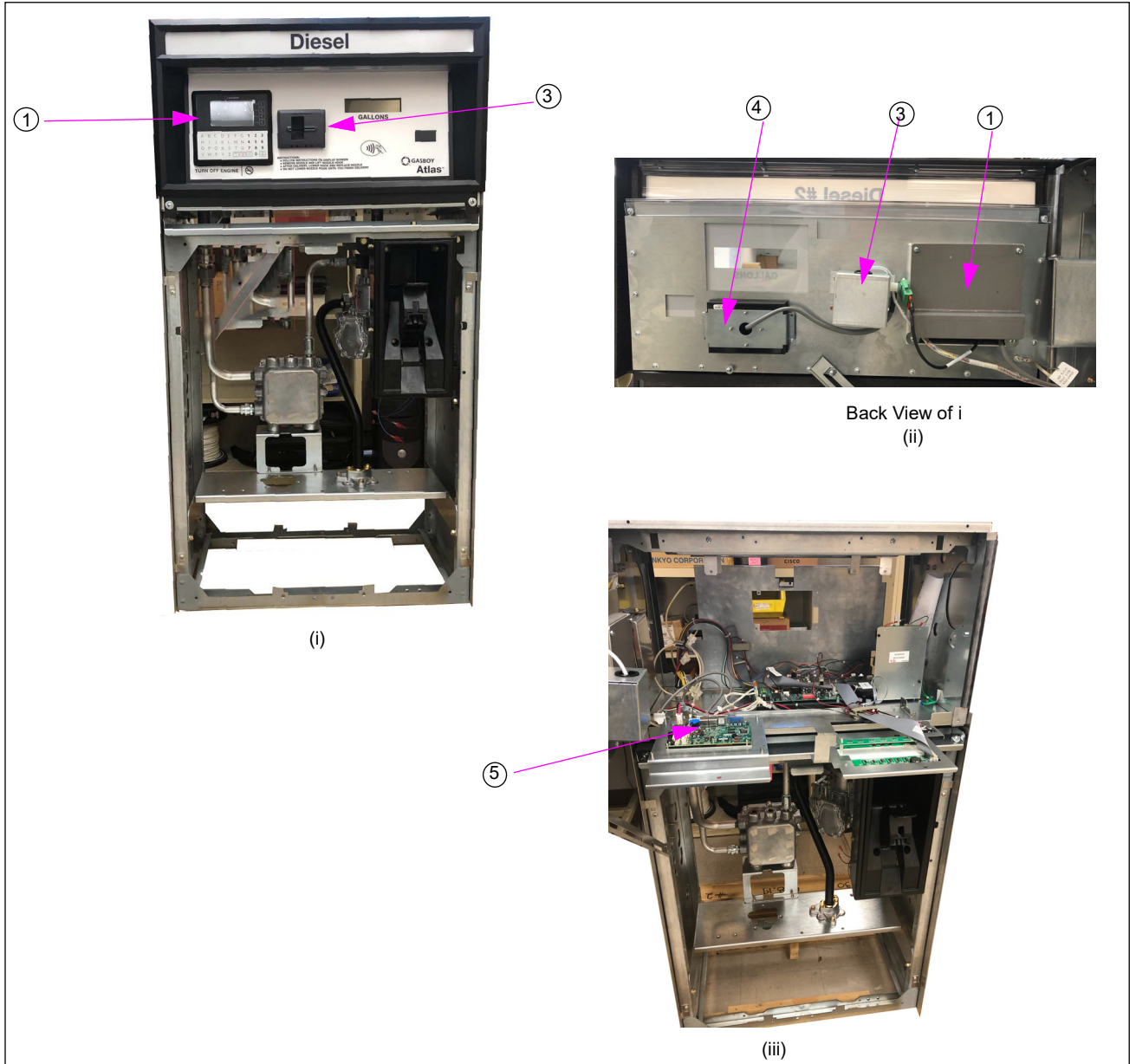
Table 2: AtlasX PRIME Recommended Spares

Item No.	Picture (not to scale)	Gasboy P/N and Description
1		<p>M15778B216 OrPAY1000 with current loop interface</p> <p>M15778A216 OrPAY1000 current loop with WGT</p> <p>800927856 OrPAY1000 (PRIME, GB, C.L, B/W)</p>
2		<p>M12760A001 PCA, Hub Interface (HIP2)</p>
3		<p>M15778B007 Insert Magnetic Card Reader</p>
4		<p>M09680K169 HID Signo Model</p>
5		<p>M15778B206 OrCU Assembly</p> <p>M15778A206 nOrCU with Advanced License (required for sites with two or more hoses and two or more tanks)</p>

2.2 Atlas PRIME





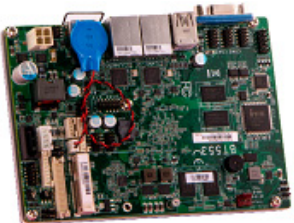
This section contains information on the recommended spare parts.

Figure 2: Atlas PRIME Dispenser



A summary of the available components listed as follows in [Table 3](#).

Table 3: Atlas PRIME Recommended Spares

Item No.	Picture (not to scale)	Gasboy P/N and Description
1		<p>M15778B208 OrPAY1000 with Cables</p> <p>M15778A208 OrPAY1000 with Activated Wireless Gateway</p>
2		<p>M12760A001 PCA, Hub Interface (HIP2)</p>
3		<p>M15778B007 Insert Magnetic Card Reader</p>
4		<p>M15778K169 HID Signo Reader</p>
5		<p>M15778B206 OrCU Assembly</p> <p>M15778A206 nOrCU with Advanced License (required for sites with two or more hoses and two or more tanks)</p>

2.3 Islander PRIME Parts

This section contains the parts information for Islander PRIME pedestal that supports up to 2 mechanical dispenser blades and up to 3 electronic dispenser blades (see [Figure 3](#) and [Table 4](#) on [page 12](#)).

Figure 3: Islander PRIME Components Location

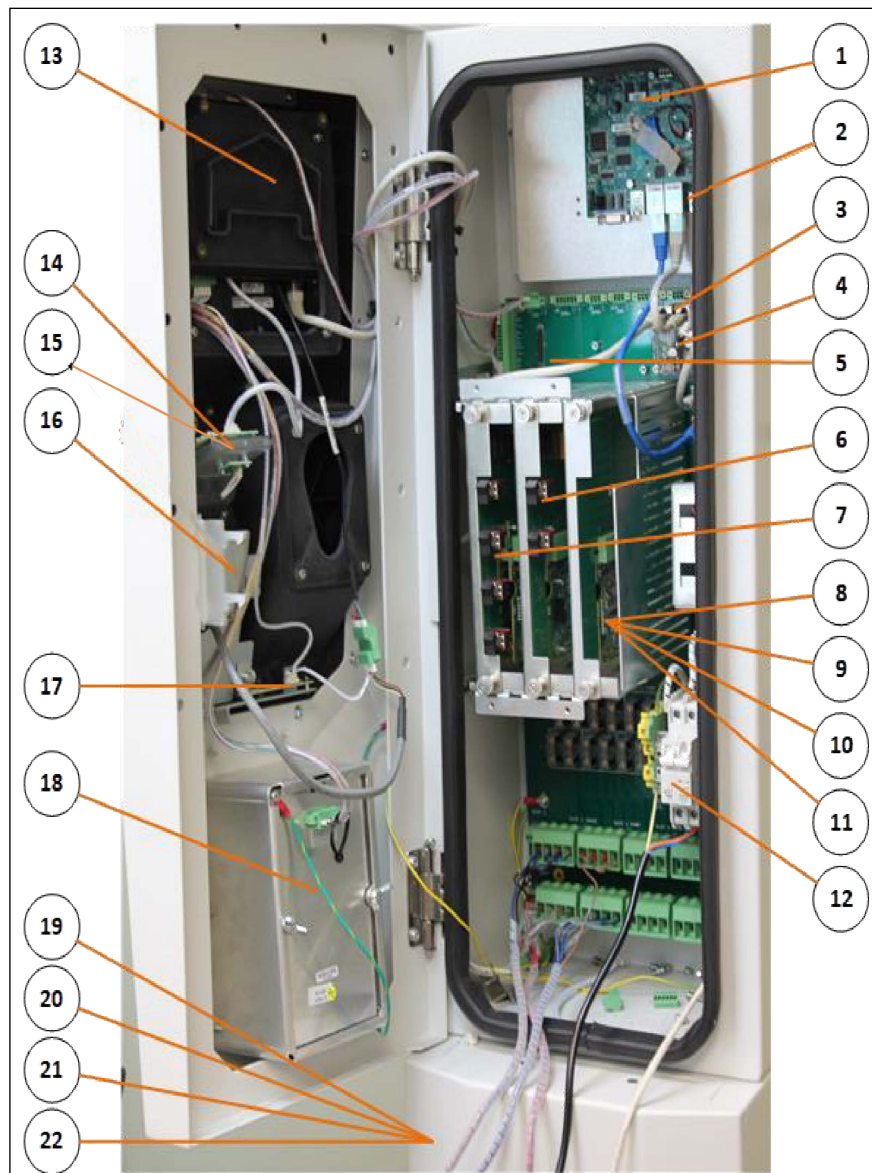

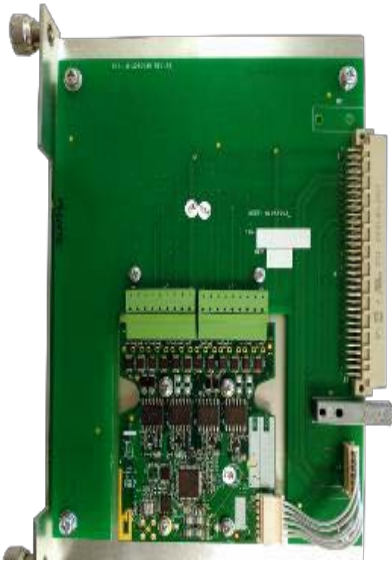






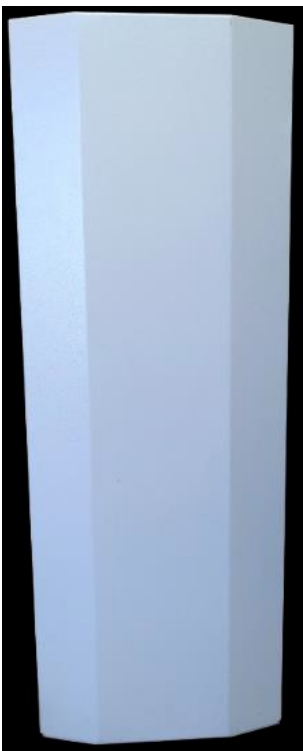





Table 4: Islander PRIME Parts List


Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M15778B206 OrCU PRIME- nOrCU (FCC Board)	800941010 OrCU PRIME- nOrCU (FCC Board)
2		M15778B200 PCB ASSY-LAN TO 3x485 Hub	819527280 PCB ASSY-LAN TO 3x485 Hub
3		M15778B214 5-Port for Islander/ICR PRIME	819250200 5-Port for OrIC PRIME
4		M15778B202 PCB ASSY, LEDES Card Islander/ICR PRIME	819523170 PCB ASSY, LEDES Card OrIC
5		M15778B203 PCB ASSY-Backplane - Islander/ICR PRIME	819550000 PCB ASSY-Backplane-OrIC P
6		M15778B001 Islander/ICR PRIME-2M Card PRIME 2-Hose Mechanical Pump Interface (MPI) Card	819250015 PRIME 2-Hose MPI Card

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
7	 <p>A green printed circuit board (PCB) with a metal mounting bracket on the left side. It features four yellow terminal blocks at the top, several green terminal blocks in the center, and a multi-pin connector on the right edge. Various electronic components like resistors and integrated circuits are visible on the board.</p>	<p>M15778B002 Islander/ICR PRIME-4M Card PRIME 4-Hose MPI Card</p>	<p>819250025 PRIME 4-Hose MPI Card</p>
8	 <p>A green PCB with a metal mounting bracket on the left. It has a large multi-pin connector on the right side and several green terminal blocks in the center. The board is populated with various electronic components.</p>	<p>M15778B003 Islander/ICR PRIME-4x485 Card</p>	<p>819250030 OrIC PRIME-4x485 Card</p>
9		<p>M15778B004 Islander/ICR PRIME-4xTokheim Card</p>	<p>819250040 OrIC PRIME-4xTokheim Card</p>
10		<p>M15778B005 Islander/ICR PRIME- 4xC.Loop Card</p>	<p>819250050 OrIC PRIME- 4xC.Loop Card</p>
11		<p>M15778B006 Islander/ICR PRIME-2x422+ 2 X 232 Card</p>	<p>819250060 OrIC PRIME-2x422+ 2 X 232 Card</p>
12	 <p>A power supply assembly consisting of a metal chassis with a perforated front panel. Inside, there is a power transformer, several capacitors, and a terminal block with several wires connected to it. The assembly is mounted on a metal plate.</p>	<p>M15778B215 ASSY Power Supply Islander/ICR PRIME-Ext Temp</p>	<p>819282450 ASSY P.S OrIC PRIME-Ext Temp</p>

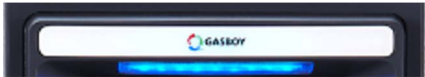
Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
13		<p>M15778B208 OrPAY1000 with Cables</p> <p>M15778A208 OrPAY 1000 with Activated Wireless Gateway (Used with FuelPoint PLUS)</p>	<p>800927858 OrPAY1000 GASBOY for OrIC</p>
14		<p>M15778B007 ASSY-OrPAY1000 Insert Card Reader</p>	<p>819227851 ASSY-OrPAY1000 Insert Card Reader</p>
15		<p>M15778B012 Insert Card Reader with Cover</p>	<p>819227859 ASSY-OrPAY1000 Insert Card Reader with Cover</p>
16		<p>M09680K169 HID Signo Model</p>	<p>N/A</p>
17		<p>M15778B009 Islander/ICR PRIME Barcode Set</p>	<p>819250100 OrIC PRIME Barcode Set</p>

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
18		<p>M09680B170 Printer G2 Module for Islander/ICR PRIME</p> <p>M09680B171 Printer Funnel and Cutter Kit</p>	<p>800919970 G2 Printer Module</p>
19		<p>M15778B100 Islander/ICR PRIME- Pedestal, Bottom</p>	<p>819050010 OrIC PRIME- Pedestal, Bottom</p>
20		<p>M15778B101 Islander/ICR PRIME-ADA- Pedestal, Bottom</p>	<p>819050020 OrIC PRIME-ADA- Pedestal, Bottom</p>
21		<p>M15778B102 Islander/ICR PRIME-SST- Pedestal, Bottom</p>	<p>819050030 OrIC PRIME-SST- Pedestal, Bottom</p>
22		<p>M15778B103 Islander/ICR PRIME-ADA- SST-Pedestal, Bottom</p>	<p>819050040 OrIC PRIME-ADA- SST-Pedestal, Bottom</p>
23	<p>N/A</p>	<p>KS612K201 License, WGT for OrPAY1000</p> <p>KS612K019 OrCU Advanced license, unlimited hoses/tanks</p>	<p>800927840 License, WGT for OrPAY1000</p> <p>800935570 Advanced license</p>
24		<p>M09680B018 Lock</p>	<p>813100800 Lock</p>
25		<p>M09680B101 Paper Roll for TopKAT, Islander PRIME Printer</p>	<p>816600400 Paper Roll, 57 mm x 40 mm, 55gr Term</p>

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
26		M17443K001 Cradlepoint Cell Modem Kit	N/A

27		Replaced with the following PCI5 kits and spare parts.	N/A
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Obsolete PCI4 P/N	Description	Replacement PCI5 Spare Kit	Replacement PCI5 Spare Part	Description
M17986B002	Globalcom Card Reader - Generic II Key (white label)	M18380K102 (Generic)	M17986B102	Globalcom Card Reader - Generic II Key (green label)
M17986B003	Globalcom Card Reader - Cenex Key (white label)	M18380K103 (Cenex)	M17986B103	Globalcom Card Reader - Cenex Key (green label)
M17986B004	Globalcom Card Reader - Canadian (white label)	M18380K107 (Canada/CFN)	M17986B104	Globalcom Card Reader - Canadian/CFN (green label)
M19098B001	Globalcom Contactless Reader - Canadian (white label)		M19098B101	Globalcom Contactless Reader - Canadian (green label)
M17985B001	Globalcom Pin Pad Module (white label)		M17985B101	Globalcom Pin Pad Module (green label)








28		M15778B010 Replacement Lens	814351710 Replacement Lens
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2.4 Site PRIME

The following table lists the parts available for the Site PRIME.

Table 5: Site PRIME Parts List

Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	PA046100000 Site PRIME	800958000 Site PRIME
	PA046110000 Site PRIME UX	800958010 Site PRIME UX
	PA046200000 Site PRIME (EXTN)	800958300 Site PRIME (EXTN)
	PA046210000 Site PRIME UX (EXTN)	800958310 Site PRIME UX (EXTN)
	M15778B500 Site PRIME 1 Mechanical Pump Module	819258150 Site PRIME 1 Mechanical Pump Module
	M15778B501 Site PRIME 4x RS485 Module	819258160 Site PRIME 4x RS485 Module
	M15778B502 Site PRIME 4x C.L Module	819258180 Site PRIME 4x C.L Module
	M15778B514 Site PRIME pole SET	819058150 Site PRIME pole SET

Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	M15778B505 Site PRIME nWGT-W Add On Kit	819227450 Site PRIME nWGT-W Add On Kit
	M15778B506 Site PRIME TR500 Tag Reader	800927160 Site PRIME TR500 Tag Reader
	M15778B503 Site PRIME Wi-Fi Add On Kit	819258120 Site PRIME Wi-Fi Add On Kit
	M15778B504 Site PRIME Cellular Modem Add On Kit	819258125 Site PRIME Cellular Modem Add On Kit
	M15778B513 OrPAY1000 (SW) Site PRIME - Tested	800927850 Orpay 1000 w/ Swipe Card Reader
	M15778A513 OrPAY 1000 with Activated Wireless Gateway	
	M15778B206 nOrCU	800941010 nOrCU
	M15778A206 nOrCU with Advanced License (for sites with greater than 2 hoses and 2 tanks)	
	M15778B507 S/P Site PRIME nOrCU Holder	814658080 S/P Site PRIME nOrCU Holder
	M15778B510 S/P Site PRIME CommBoard	819257000 S/P Site PRIME CommBoard
	M15778B508 S/P Site PRIME Main Power Supply Kit	819258051 S/P Site PRIME Main Power Supply Kit










Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	<p>M15778B511 S/P Site PRIME Harnesses Set</p>	<p>819158099 S/P Site PRIME Harnesses Set</p>
	<p>M09680B106 LOCK + 2 EQUABLE KEYS, C4153-6032</p>	<p>813138800 LOCK + 2 EQUABLE KEYS, C4153-6032</p>

2.5 Truck PRIME

The following table lists the parts available for the Truck PRIME.

Table 6: Truck PRIME Parts List

Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	PA046300000 Truck PRIME	800958200 Truck PRIME
	PA046310000 Truck PRIME UX	800958210 Truck PRIME UX
	M15778B500 Site PRIME 1 Mechanical Pump Module	819258150 Site PRIME 1 Mechanical Pump Module
	M15778B501 Site PRIME 4x RS485 Module	819258160 Site PRIME 4x RS485 Module
	M15778B502 Site PRIME 4x C.L Module	819258180 Site PRIME 4x C.L Module
	M15778B515 Truck PRIME Shock Absorber Kit	819040150 Truck PRIME Shock Absorber Kit
	M15778B505 Site PRIME nWGT-W Add On Kit	819227450 Site PRIME nWGT-W Add On Kit
	M15778B506 TR500 Tag Reader	800927160 TR500 Tag Reader

Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	<p>M15778B504 Site PRIME Cellular Modem Add On Kit</p>	<p>819258125 Site PRIME Cellular Modem Add On Kit</p>
	<p>M15778B503 Site PRIME Wi-Fi Add On Kit</p>	<p>819258120 Site PRIME Wi-Fi Add On Kit</p>
	<p>M15778B513 OrPAY1000 (SW) Site PRIME - Tested</p> <p>M15778A513 OrPAY1000 with Activated Wireless Gateway</p>	<p>800927850 OrPAY 1000 w/ Swipe Card Reader</p>
	<p>M15778B206 nOrCU</p>	<p>800941010 nOrCU</p>
	<p>M15778B507 S/P Site PRIME nOrCU Holder</p>	<p>814658080 S/P Site PRIME nOrCU Holder</p>
	<p>M15778B510 S/P Site PRIME CommBoard</p>	<p>819257000 S/P Site PRIME CommBoard</p>
	<p>M15778B509 S/P Truck PRIME Main Power Supply Kit</p>	<p>819258041 S/P Truck PRIME Main Power Supply Kit</p>
	<p>M15778B511 S/P Site PRIME Harnesses Set</p>	<p>819158099 S/P Site PRIME Harnesses Set</p>
	<p>M09680B106 LOCK + 2 EQUABLE KEYS, C4153-6032</p>	<p>813138800 LOCK + 2 EQUABLE KEYS, C4153-6032</p>

2.6 Fuel Truck Controller

This section contains parts information for Fuel Truck Controller cabinets that support 2/4 mechanical dispensers or electronic dispensers (see [Figure 4](#), [Table 7](#), and [Table 8](#) on [page 23](#)).

Figure 4: FTC Components Location

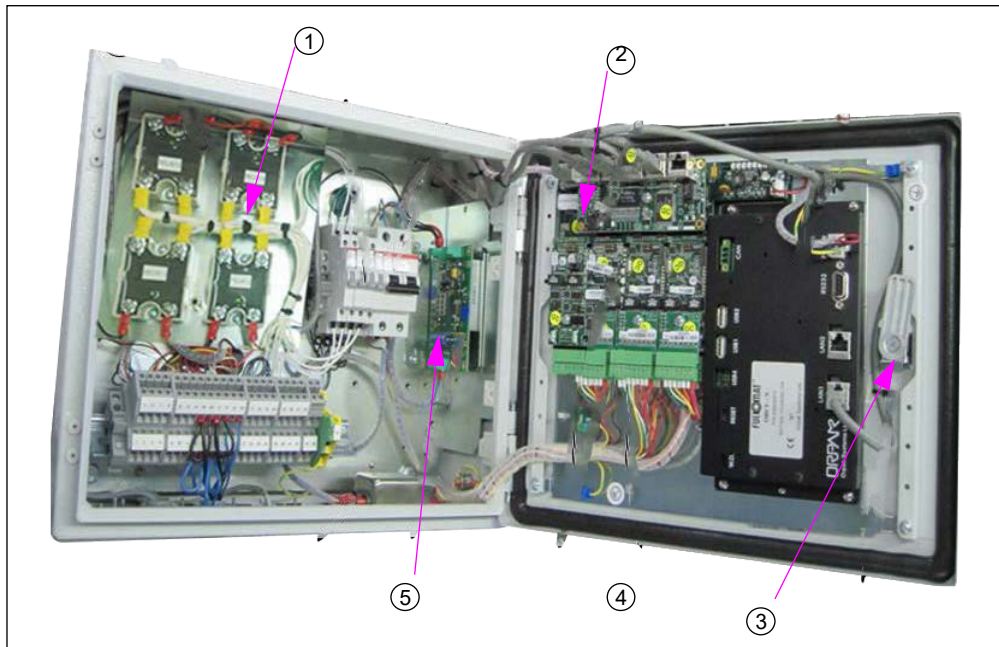





Table 7: FTC Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B011 Solid State Relay - 12 VDC, 12A	813105900 RELAY, SSR,12VDC, 12A-W6212DDX-1
2		M09680B032 Hub Switch	819225210 Kit Assy. 5 Port Switch
3		M09680B097 CFN PLUS lock	813102500 Lock, Rittal Box (OrCU 3000)


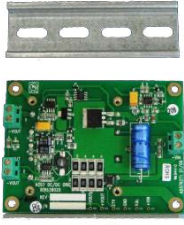

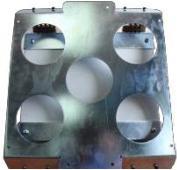
Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
4		M09680B019 Mechanical Pump Interface Card	819223490 Assy, MPI + Sub P.B.(8P), Tested
5		M09680B093 Upgrade Kit OrTC DC/DC Converter	819238220 PCB Assy CONV. 24 V OrTC, Tested
6		M15778B206 OrCU PRIME- nOrCU (FCC Board)	800941010 OrCU PRIME- nOrCU (FCC Board)
7		M09680B039 FTC – Installation kit	819040120 OrTC Installation Kit - Shock Observer + Plate





Table 8: FTC Optional Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B039 FTC – Installation kit	819040120 OrTC Installation Kit - Shock Observer + Plate

2.7 Common Spare Parts

This section contains information on optional parts common to Gasboy's Forecourt Controllers. A summary of the standard common components available follows in [Table 9](#).

Table 9: Common Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B089 Kit OrCU (Dongle + Holder)	819235520 Kit OrCU, RS-232 Dongle + Holder
2		M09680B060 Extension Kit - 5 Port	819225250 Extension Kit - 5 Port
3		M09680B063 Heater Set	819204152 Heater Set
4		Obsolete	813138051 Data Key Socket, KC4210-Coat

2.7.1 Pump Interface Cards and Tools

The following table lists the available Pump Interface Cards connected to the 8 Port CommVerter (M09680B021), as well as related accessories (see [Table 10](#)).


Table 10: Pump Interface Cards and Tools

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B017 RS-485 Pump Interface Card	819223460 RS-485 P.B. 8P Test
2		M09680B041 RS-232 VR/Pump Interface Card	819223451 RS-232 INT. (PB-8P)- Test
3		M09680B019 Mechanical Pump Interface Card	819223490 Assy, MPI+SUB P.B.(8P), Tested
4		M09680B028 Tokheim Pump Interface Card	819223420 TOKH.INT.P.B.(8P), Tested
5		M09680B029 Current Loop Pump Interface Card	819223431 Gilbarco Pump (PB 8P) Test
6		M09680B030 RS-422 Pump Interface Card	819223471 RS-422 (PB 8P) Test
7		M09680B031 Nuovo Pignone Interface Card	819223485 Nuovo Pignone
8		M09680B105 MPI + SUB P.B. (8P)- TopKAT	819223492 MPI + SUB P.B. (8P) OrTOP
9		M09680B059 Simulator for MPI-C	819523691 Simulator for MPI-C

2.7.2 Payment Panel Spare Parts

The following table contains spare parts information for Payment Panels P/Ns M09680B038, M09680B124 (see [Table 11](#)).

Table 11: Payment Panel Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B026 Keyboard Label	817322505 Label KBD.OrPT Panel











3 – Tag Readers, Tags, and Accessories

The following table lists the available tag readers, tags, and cards (see [Table 12](#)).

Table 12: Tag Readers, Tags, and Accessories

Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	PA04020001 MIFARE Reader	800910930 OrTR (MIFARE, Swipe Reader)
	PA04020101 FTC Remote Display - Keypad, MIFARE	800910926 OrTR-KB (OR, MF, ENG)
	PA04020201 FTC Remote Display - Keypad, MIFARE, Card Swiper	800910927 OrTR KB (OR, MF, SW, ENG)
	PA04020000 MIFARE Pod connected to FHO to read Tags (Obsolete)	800910980 FHO MIFARE POD
	PA04020401 PRIME MIFARE Tag Reader	800927855 PRIME MIFARE Tag Reader
	PA04020010 HID POD connected to FHO to read HID cards	800918200 HID POD
	PA04020020 HID Indala POD	800918250 HID Indala POD
	PA04020030 FHO HID Pod (New-920PT)	800918260 FHO HID Pod (New- 920PT)

Tag Readers, Tags, and Accessories

Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
	M09680B120 MIFARE Pod Power Supply 115/230 V-15 V- 1 A (Compatible with PA04020000 and PA04020401)	811307100 MIFARE Pod Power Supply 115/230V - 15V-1A
	M09680B121 MIFARE Pod Power Cable, 115 V (Compatible with PA04020000 and PA04020401)	819302950 MIFARE Pod Power Cable, 115 V
	M09680B122 MIFARE Pod RS-232 Harness	819136700 MIFARE Pod RS-232 Harness
	M09679B001 MIFARE Tag Blue	800909831 MIFARE Tag Blue
	M09679B002 MIFARE Tag Red	800909832 MIFARE Tag Red
	M09679B007 MIFARE Tag Black	800909888 MIFARE Tag Black
	M09679B003 MIFARE Card – White blank	819209854 MIFARE Card – White blank
	M09679B005 MIFARE Card – Green with Sequential Number	819209883 MIFARE Card Green +N
	M09679B004 MIFARE Card – White with Sequential Number	819209882 MIFARE Card White +N
	M09679B006 MIFARE Card – Yellow with Sequential Number	819209884 MIFARE Card Yellow + N





4 – Fuel Point PLUS Station Components

The following section lists the spare parts available for the different Fuel Point PLUS station components.

4.1 Wireless Gateway

The following table lists the available Wireless Gateway Terminals (see [Table 13](#)):

Table 13: Wireless Gateway Terminals

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		PA04000000 Wireless Gateway for Islander PLUS, ICR PLUS	800939300 WGT Unit
2		PA04000001 Outdoor Wireless Gateway Terminal for CFN - Site PRIME Option PA04000002 Outdoor Wireless Gateway Terminal for Fuel Truck Controller	800939375 GBPLUS Wireless GTW Term, Outdoor - CFN 800939366 MWGT Outdoor - OrTC
3		PA04000021 Outdoor Wireless Gateway Terminal for CFN PLUS - Compact Version	800939351 WGT Outdoor Unit
4		PA04000022 Outdoor Wireless Gateway Terminal for Fuel Truck Controller - Compact Version	800939366 MWGT Outdoor - OrTC

4.1.1 Wireless Gateway Spare Parts

The following section lists the spare parts available for Wireless Gateway Terminals (see [Figure 5](#) and [Table 14](#)).

Figure 5: Wireless Gateway Terminal (Outdoor) Components Location

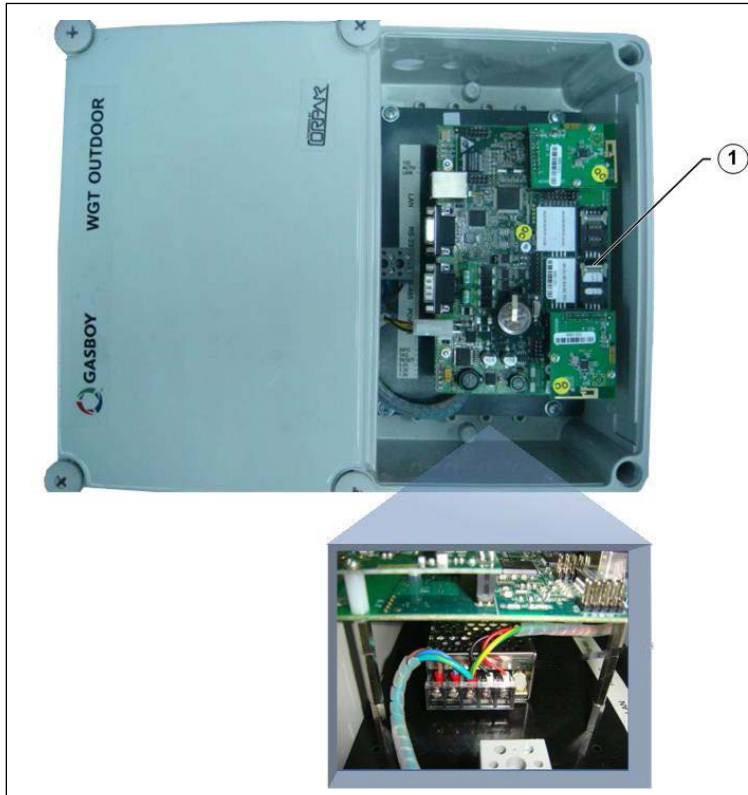



Table 14: Wireless Gateway Terminal Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B047 WGT Cards Set Tested	819239310 WGT Cards Set Tested

4.2 Wireless Nozzle Readers

The following table lists the obsolete/replacement parts for supported nozzle:

Table 15: Obsolete/Replacement Parts for supported Nozzles

Obsolete P/N	Supported Nozzles	Replacement P/N
M09677B002	OPW11A	M09677B035
M09677B003	DEF, ZVA SL	
M09677B006	OPW11B	
M09677B017	Husky 1A	
M09677B019	OPW11A/B	
M09677B021	DEF OPW21GU	
M09677B022	ZVA SL VR	
M09677B023	ZVA 25	
M09677B025	Husky 1A	
M09677B026	Husky X	
M09677B001	OPW7H	M09677B036
M09677B005	ZVA32	
M09677B015	OPW7H	
M09677B020	OPW7H	
M09677B012	OPW11B	M09677B037
M09677B029	OPW11A/B	
M09677B011	OPW7H	M09677B038
M09677B014	Husky 1", 1+8	
M09677B030	OPW7H	
M09677B034	OPW 1290	

The following table lists the different types of Wireless Nozzle Readers and the spare parts available for these units. A summary of units and spare parts follows in [Table 16](#).

Table 16: Wireless Nozzle Readers Spare Parts Kit Reference Table







Gasboy P/N	Orpak P/N	Spare Parts Coil Kit (Gasboy P/N)	Spare Parts Coil Kit (Orpak P/N)	Supports Nozzle Types	Dimensions
Standard Nozzle Readers					
M09677B036	800939007		819339006	OPW7H, OPW1290, HUSKY 1+8, HS	
M09677B035	800939006	M09680B075	819339005	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA	
M09677B035	800939005	M09680B075	819339005	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA	
M09677B035	800939022	M09680B075	819339005	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA	
M09677B035	800939044	M09680B075	819339005	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA	
M09677B044	800960208			OPW 1290	

Gasboy P/N	Orpak P/N	Spare Parts Coil Kit (Gasboy P/N)	Spare Parts Coil Kit (Orpak P/N)	Supports Nozzle Types	Dimensions
M09677B045	800960258			OPW 1290 (Back)	
M09677B046	800960209			Healy 400-900	
M09677B047	800960216			V34 Husky Vac	
M09677B048	800960217			11VF VST Vac	
M09677B049	800960260			WIGGINS	
NR-H Nozzle Readers					
	800939110	M09680B076	819339110	Healy, VST, OPW, EMCO	70 mm
M09677B036	800939120		819339120	OPW7H, OPW1290, HUSKY 1+8, HS	55 mm
M09677B036	800939122		819339122	OPW7H, OPW1290, HUSKY 1+8, HS	55 mm
M09677B035	800939130		819339130	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA	30 mm
NR-T Nozzle Readers					
M09677B038	800939123		819339122	OPW7H, OPW1290, HUSKY 1+8, HS	
M09677B037	800939131		819339130	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA	
	800939142	M09680B080	819339143	Wiggins	
M09677B040	800939161	M09680B081	819339160	POSILOCK	
M09677B038	800939172		819339124	OPW7H, OPW1290, HUSKY 1+8, HS	

4.2.1 Wireless Nozzle Readers

The following table lists the available Wireless Nozzle Reader units and supported nozzle types:

Table 17: Wireless Nozzle Readers Pictures and Supported Nozzles

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N	Supports Nozzle Types
1		M09677B035 nNR	800960000 nNR	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA
2		M09677B037	800960100 nNR + SWITCH	OPW11A/B, OPW21GU, HUSKY 1A, X. ZVA
3		M09677B036	800960050 nNR LARGE	OPW7H, OPW1290, HUSKY 1+8, HS
4		M09677B038	800960150 nNR LARGE + SWITCH	OPW7H, OPW1290, HUSKY 1+8, HS
5		M09677B041	800960060 nNR EXTRA LARGE	CNG
6		M09677B042	800960160 nNR EXTRA LARGE+SWITCH	CNG + Switch

4.2.2 Wireless Nozzle Reader Spare Parts and Accessories

The following table lists the spare parts available for Wireless Nozzle Readers (see [Table 18](#)):

Table 18: Wireless Nozzle Reader Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N
1	Obsolete	M09680B075 NR, Coil Type 2/3	819339005
2	Obsolete	M09680B076 NR-H, Coil 70 mm	819339110
3		M09680B080 NR-H, Coil-Wiggins	819339143 (819311610+819339142)
4	Obsolete	M09680B081 NR-H, Coil-POSILOCK	819339160
5		M09680B160 nNR Small Protector	819060010
6		N/A	819060041
7		N/A	819060042
8		N/A	819060051

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N
9		TBD	819060200 ASSY FRONT DOOR-NNR
10		TBD	819060250 ASSY FRONT DOOR-NNR LARGE
11		TBD	819060052
12		TBD	819060061
13		TBD	819060062
14		M09680B164 Battery Pack 3.6V-NNR	812560025
15		M09678B021 Fuel Cube - Antenna and security chip all-in-one Z-FL0-VTR021	819205528

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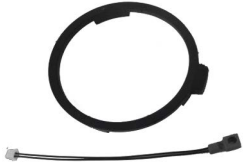
5 – Fuel Point PLUS Vehicle Units





The following section lists the spare parts available for the different Fuel Point PLUS vehicle units and technician tools.

5.1 Fuel Ring

The following table lists the available Fuel Rings and installation kits (see [Table 19](#)):

Table 19: Fuel Rings and Installation Kits

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		Self-Installed Rings	FuelPass HS Set Assy (Self-install)
		70 mm (2.75") M09678B001	70 mm 800905330 Use instead, a separate chip 819205541 and Molded coil 816000041
		105 mm (4.13") M09678B002	105 mm 800905332 Use instead, a separate chip 819205541 and Molded coil 816000042
		120 mm (4.72") M09678B003	120 mm 800905333 Use instead, a separate chip 819205541 and Molded coil 816000043
2		Shaped Rings	FueloPass HS Set Assy (Shaped)
		75 mm (2.95") M09678B005	75 mm 800905301 Use instead, a separate chip 819205541 and Self Install coil 816000032
		85 mm (3.34") M09678B006	85 mm 800905302 Use instead, a separate chip 819205541 and Self Install coil 816000033
		95 mm (3.74") M09678B007	95 mm 800905303 Use instead, a separate chip 819205541 and Self Install coil 816000034

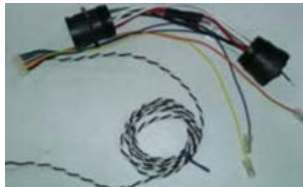
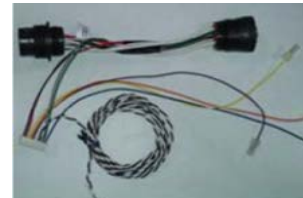
Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
3		Molded Rings	FuelOPass HS Set Assy (Molded)
		55 mm (2.165") M09678B010	55 mm 800905340 Use instead, a separate chip 819205541 and Molded coil 816000040
		80 mm (3.15") M09678B011	80 mm 800905341 Use instead, a separate chip 819205541 and Molded coil 816000041
4		Wiggins 125 mm x 183 mm M09678B018	FuelOPass HS assembly, Wiggins 125 x183 819312640
		Wiggins 96 mm x 154 mm M09678B019	FuelOPass HS assembly, Wiggins 96 x154 819312641
5		Self-Installed Installation Kit- Heavy Vehicle (100 units) M09680B053	Self-Installed Installation Kit- Heavy Vehicle (100 units) 819005407
6		Ring adapter; 130-mm Fuelpass Bracket M12217A001	N/A
7		Vehicle Tank Rings Install Kit Light Duty Vehicles M09678B023	Installation Kit 819005404
8		Kit, Coil Holder Clamp (30pc) M09680B086	Clamp Coil Holder (30pc) 815806030
9		FuelOPass HS Tag M09680B020	FuelOPass HS 819205541

5.1.1 DataPass

The following table lists the available DataPass units (see [Table 20](#)):

Table 20: DataPass Units

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		uDATAPASS II PLUS M09693B009	uDATAPASS II PLUS 800907451
2		Heavy vehicles and vehicles without bus that uses pulses (J1708/1587+FMS + Pulses) M09693B001	DataPass (J1708/FMS + Pulses) 800907310
3		DataPass Harness M09680B051	DataPass Harness 819107670
4		M09680B139 J1708 6 PIN Harness	
5		M09680B157 J1708/J1939 9-PIN Harness with Selectable Protocol Switch, 2016 and newer	
6		M12200A005 Peterbilt & Kenworth J1939 (LowSpeed) protocol	
7		M12200A007 Peterbilt & Kenworth J1939 (High Speed) protocol	

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
8		M12200A001 J1708 Harness 9-PIN	
9		M12200A002 Freightliner and International J1939 (Low Speed) protocol	

5.1.2 Technician Tools

The following table lists the Wireless Programmer Tool (which programs Wireless Nozzle Readers, Fuel Rings and DataPass Units) and the spare parts available for this tool (see [Table 21](#)):

Table 21: Technician Tools and Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		Wireless Vehicle Programmer PA04010000 Wireless Vehicle Programmer for EKOS customers (Programmed) PA04010000P	Wireless Vehicle Programmer 800920910
2		Harness ANT Loop Wireless Programmer M09680B049	Harness ANT Loop Wireless Programmer 819120900
3		Harness Ant Loop w Programmer 110 mm M09680B091	Harness Ant w Programmer 110 mm 819120915
4		Harness D9P/D9S RS232 W.L.PROG M09680B050	Harness D9P/D9S RS-232 W.L.PROG 819120935
5		Wireless Vehicle Programmer – Battery M09680B067	Wireless Vehicle Programmer – Battery 812520900

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6 – Wetstock Management

For additional and complementary information regarding Gasboy's PLUS solution, refer to the following manuals (see [Table 22](#)):

Table 22: Reference Manuals

Name	Gasboy P/N	Orpak P/N	Rev.
Islander PRIME Installation Manual	MDE-5411	817450050	A
Islander PLUS Installation Manual	MDE-4811	817438052	D3
Islander PLUS Quotation Guide	MDE-4812	817438053	B
CFN PLUS Installation Manual	MDE-4813	817438033	B
Fuel Truck Controller Installation Manual	MDE-4814	817438029	C1
SiteOmat Station Controller Setup and Maintenance Manual	MDE-4817	817427357	G3
SiteOmat Station Controller User's Manual	MDE-4818	817423752	F1
OrPT Manual For Home Base	MDE-4819	817422501	A3
8 Port CommVerter	MDE-4820	817423401	F7
FHO and FMS Installation and Setup Manual	MDE-4821	817423707	F3
Fuel Point PLUS Station Installation and Configuration Manual	MDE-4851	817439321	B
Fuel Point PLUS Vehicle Installation and Configuration Manual	MDE-4868	817407301	C4
Fleet Solutions Site PRIME Installation Manual	MDE-5623	-	B
Fleet Solutions Truck PRIME Installation Manual	MDE-5624	-	A
Illustrated Spare Parts Manual	PT-1963	817438000	A1

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Appendix A: Islander PLUS

A.1 Islander PLUS/ICR PLUS for Mechanical Pumps

This section contains the parts information for Islander/ICR PLUS pedestals that support 2/4 mechanical dispensers or electronic dispensers (see [Figure 6](#) and [Table 23](#) on [page 46](#)).

ICR PLUS for mechanical dispensers includes the same components, excluding the Controller unit (M09680B004).

Figure 6: Islander PLUS Components Location

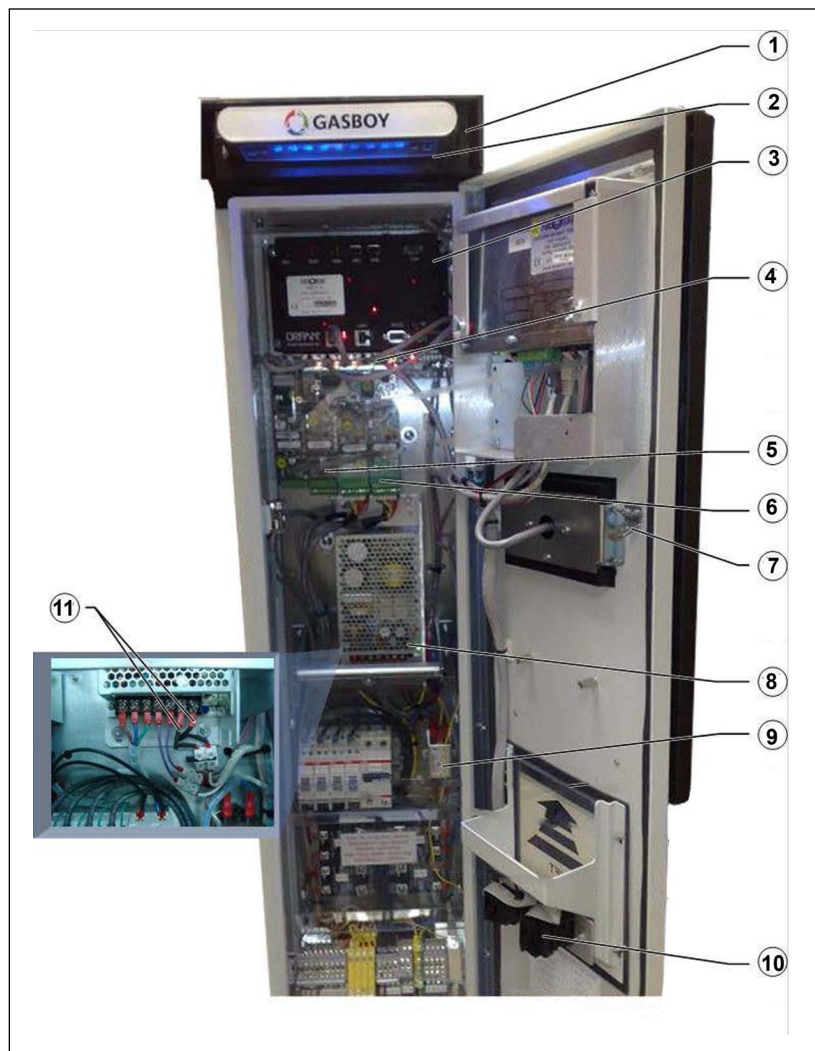





Table 23: Islander PLUS/ICR PLUS Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		PA04000000 (Optional, located inside Top Cover) Wireless Gateway for Islander PLUS, ICR PLUS	800939300 WGT Unit
2		M09680B042 Islander and ICR PLUS Top Cover	819238056 Top Cover GB
3		M09680B004 Controller	811035510 OrCU-N (Metal) Tested
4		M09680B032 Hub Switch	819225210 KIT ASSY. 5 Port Switch
5		M09680B041 (Optional) RS-232 VR/Pump Interface Card	819223451 RS-232 INT. (PB 8P) Test
6		M09680B019 (Optional) Mechanical Pump Interface Card	819223490 Assy, MPI+SUB P.B.(8P), Tested
7		M09680B018 Lock	813100800 Lock
8		M09680B041 Power Supply: 100 - 240 VAC, 100 W	811300164 P.S 100 - 240 VAC, 100 W

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
9		M09680B008 Line Filter	811400200 Line Filter, 5500.2042, Schurter
10		M09680B027 Harness, Data Key Socket/OrPT	819138050 Harness, Data Key Socket/OrPT
11		M09680B036 Fuse	819138051 Harness, P.S.Fuse Conn.24 V

A.1.1 Islander PLUS/ICR PLUS Printer Module

The following section describes the spare parts available for Islander and ICR PLUS Printer Module P/N M09680B034 (Printer Module Assy Kit, OrIC, P/N 819238095) (see [Figure 7](#) and [Table 24](#)).

Figure 7: Islander PLUS/ICR PLUS Printer Module

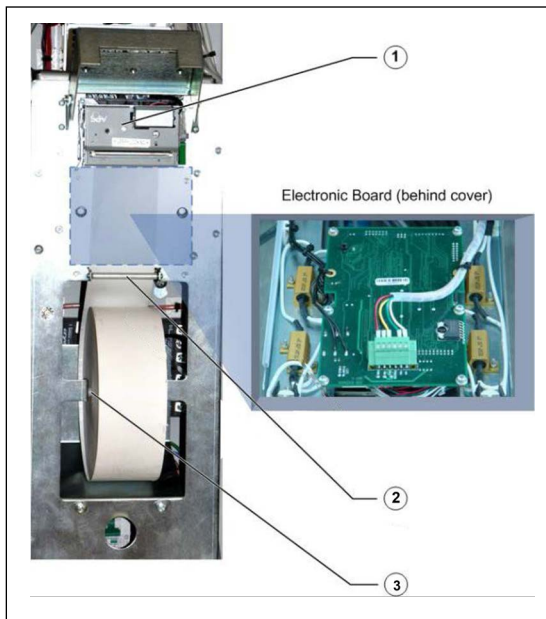





Table 24: Islander PLUS/ICR PLUS Printer Module Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B023 Head of Printer + Harness	813107480 Prin.High Speed + Harness,24 V
2		M09680B109 Cylinder Roll for Receipt Printer	814948400 Cylinder Roll, Printer Module
3		M09680B108 Paper Roll Pivot for Receipt Printer	814911100 Shaft, Paper Roll SCU+AXIOHM

A.1.2 Islander PLUS 8 Mechanical Pumps Additional Components

This section describes the additional components included in Islander PLUS pedestals that support up to 8 mechanical dispensers (see [Figure 8](#) and [Table 25](#) on [page 50](#)).

Figure 8: Islander PLUS for 8 Mechanical Pumps-Additional Components Location

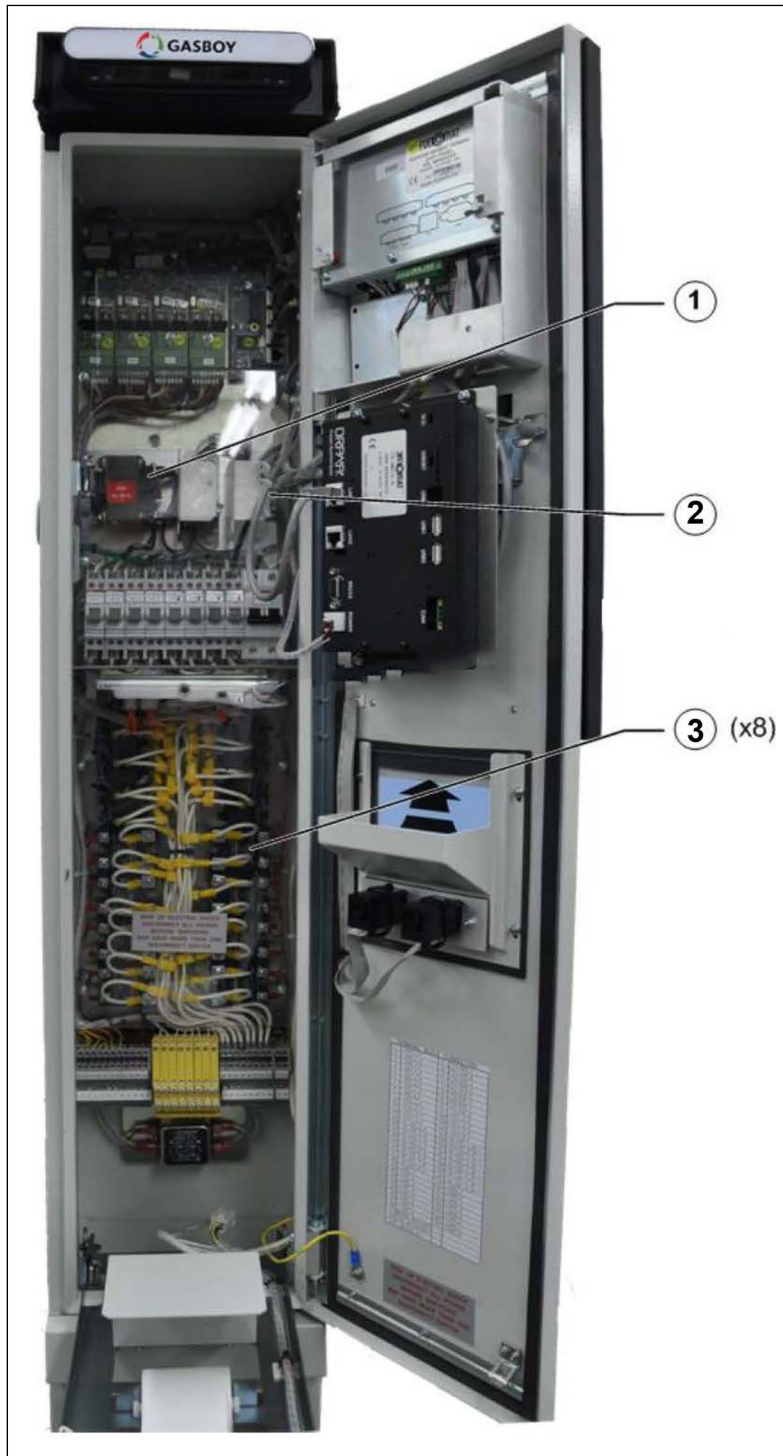





Table 25: Islander PLUS for 8 Mechanical Pumps Specific Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B022 Transformer - 24 V	811338000 Transformer 24 V 3.33 A, CL2-80-24
2		M09680B052 PCB Assy Power Supply 32 V DC	819538036 PCB Assy P.S -32V DC
3		M09680B085 Relay 30 A	813111300 Relay 30 A

A.1.3 ICR PLUS

The following section describes the spare parts available for ICR PLUS pedestals (see [Figure 9](#) and [Table 26](#) on [page 52](#)).

Figure 9: ICR PLUS Components Location

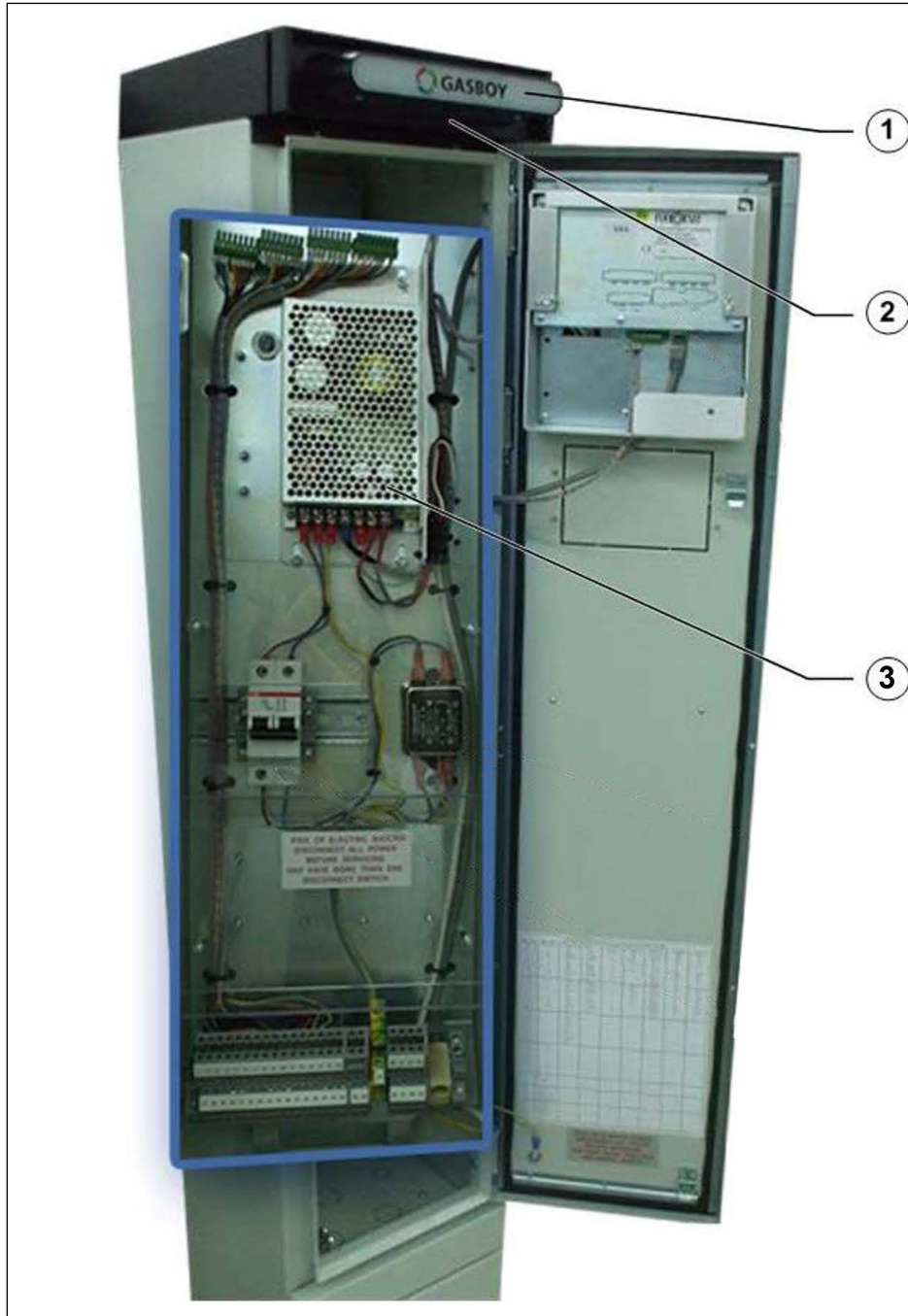


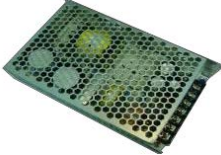





Table 26: ICR PLUS Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		PA04000000 (Optional, located inside Top Cover) Wireless Gateway for Islander PLUS, ICR PLUS	800939300 WGT Unit
2		M09680B042 Islander and ICR PLUS Top Cover	819238056 Top Cover GB
3		M09680B041 Power Supply: 100-240 VAC, 100W	811300164 P.S 100-240 VAC, 100 W

A.1.4 Islander PLUS/ICR PLUS Door and Packing Parts

The following table lists the pedestal doors, door parts, and packs for Islander PLUS/ICR PLUS.

Table 27: Islander PLUS/ICR PLUS Door Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B111 Window, Fleetkey	814907130 Window, Datakey OrIC, Printed (DK only)
2		M09680B125 Window, Logo Gasboy, OrIC	814980610 Window, Logo Gasboy, OrIC
3		M09680B042 Top Cover GB	819238056 Top Cover GB

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Appendix B: CFN PLUS

B.1 CFN PLUS/Extension Box

This section contains parts information for CFN PLUS/Extension Box cabinets that support 2/4 mechanical dispensers or electronic dispenses. Extension box for mechanical dispensers (PA03990000) includes the same components, excluding the Controller unit (M09680B004) (see [Figure 10](#) and [Table 28](#)).

Figure 10: CFN PLUS Components Location

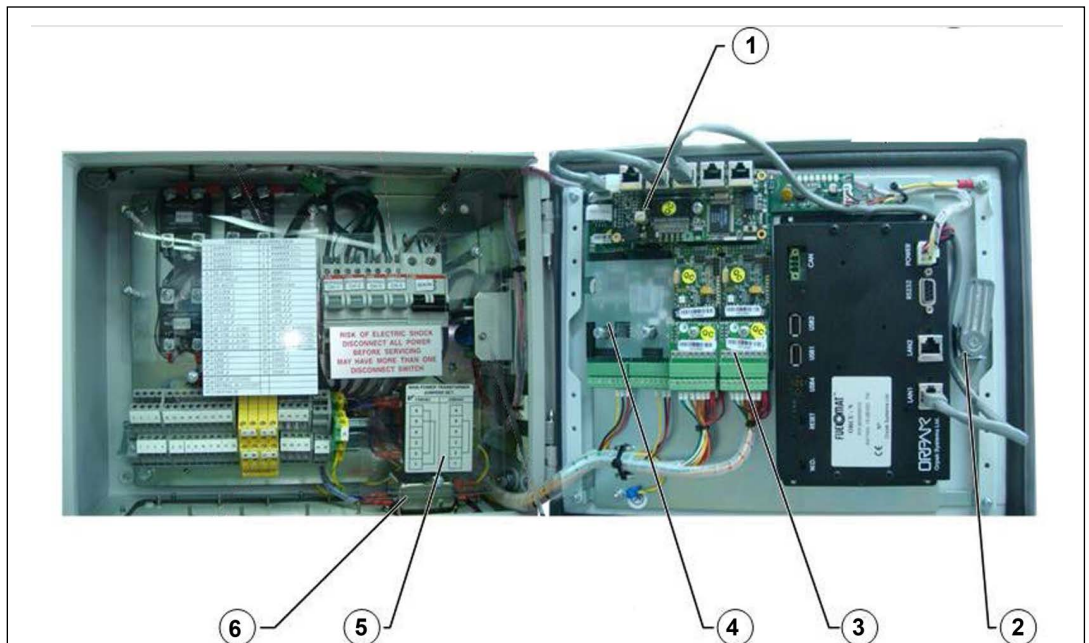








Table 28: CFN PLUS Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B032 Hub Switch	819225210 Kit Assy. 5 Port Switch
2		M15778B206 Controller CFN 360	800941010 OrCU PRIME- nOrCU (FCC Board)

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
3		M09680B097 CFN PLUS lock	813102500 Lock, Rittal Box (OrCU 3000)
4		M09680B019 Mechanical Pump Interface Card	819223490 Assy, MPI + Sub P.B.(8P), Tested
5		M09680B052 PCB Assy P.S 32 VDC	819538036 PCB Assy P.S 32 VDC
6		M09680B022 Transformer – 24 V	811338000 Transformer 24V 3.33 A, CL2-80-24

Appendix C: TopKAT PLUS

C.1 TopKAT PLUS

This section contains parts information for TopKAT PLUS system (see [Figure 11](#) and [Table 29](#) on [page 58](#)).

Figure 11: TopKAT PLUS Components Location

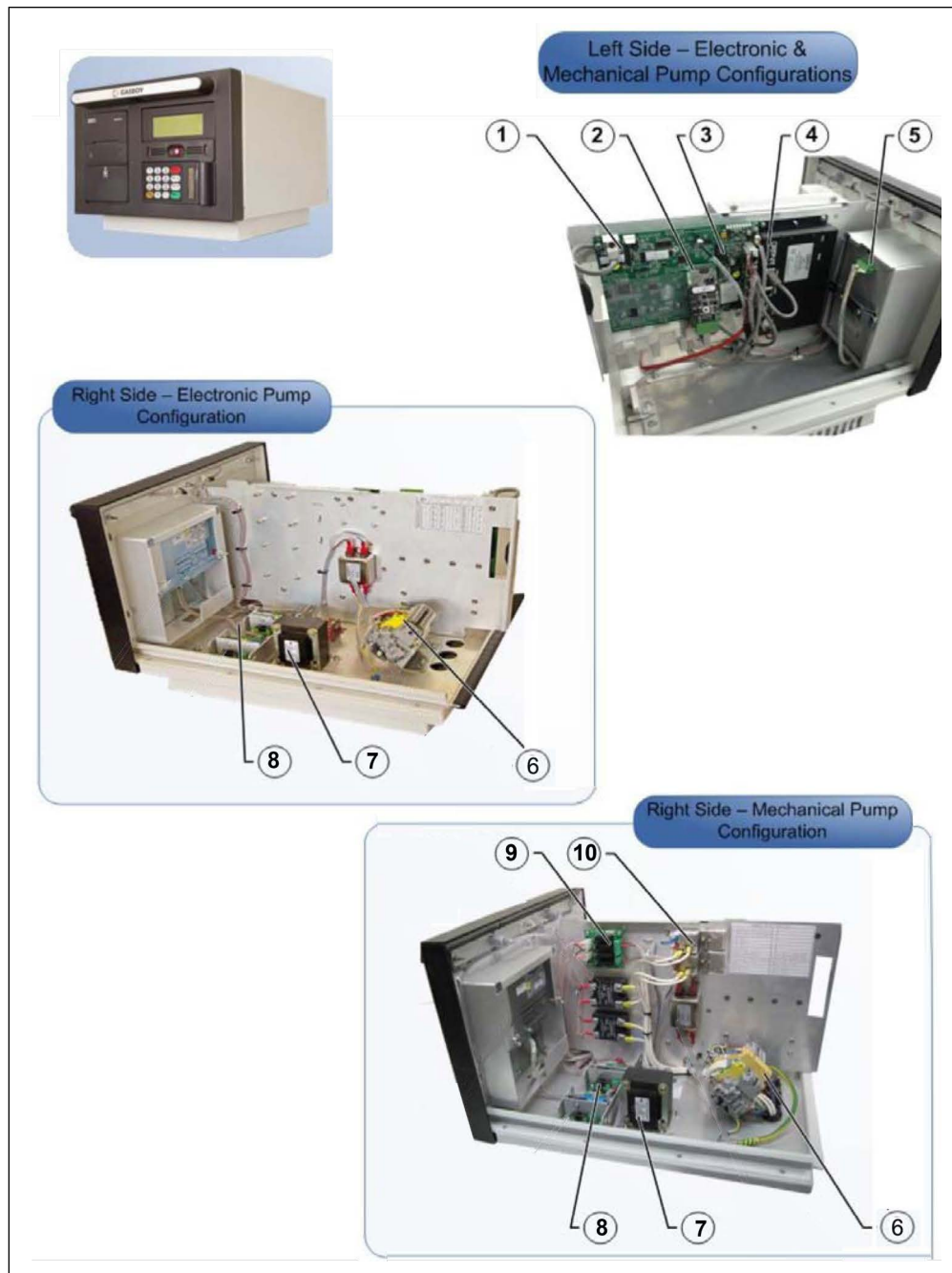






Table 29: TopKAT PLUS Electronic Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B123 8 Port CommVerter – TopKAT	819523401 PCB Assy 8 Port OrTOP Tested
2		M09680B104 Electronic: RS-485 P.B. 8P Test – TopKAT	819223465 Electronic: RS-485 P.B. 8P Test – OrTOP
		M09680B105 Mechanical: MPI+SUB P.B.(8P) - TopKAT	819223492 Mechanical: MPI+SUB P.B. (8P) - OrTOP
3		M09680B103 Kit 5 Port – TopKAT	819225270 KIT 5 Port + Heatsink - OrTOP
4		M09680B004 Controller	811035510 OrCU-N (Metal) - Tested
5		M09680B100 (Optional) Printer G2 – TopKAT	800919915 Printer Module UL - G2
6		M09680B025 T.B Init Module	813317800 T.B.INT.Module,100-240 V UL CSA
7		M09680B022 Transformer – 24 V	811338000 Transformer 24 V 3.33 A, CL2-80-24
8		M09680B052 PCB Assy Power Supply 32 VDC	819538036 PCB Assy P.S 32 VDC

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
9		TBD (Mechanical Only)	819538045 PCB Assy, Quad OPTO Triad Test
10		M09680B085 (Mechanical Only) Relay, 30 A	813111300 Relay 30 A
11		M09680B106 Lock – TopKAT	813138800 LOCK + 2 Equable Keys
12		M09680B087 TopKAT PLUS Tag - Orange Tag	819209871 Tag, Gilbarco, Orange, INIT

C.1.1 TopKAT PLUS G2 Printer

This section contains parts information for TopKAT PLUS G2 Printer Module (M09680B100) (see [Figure 12](#) and [Table 30](#)).

Figure 12: TopKAT PLUS Printer G2 Components Location

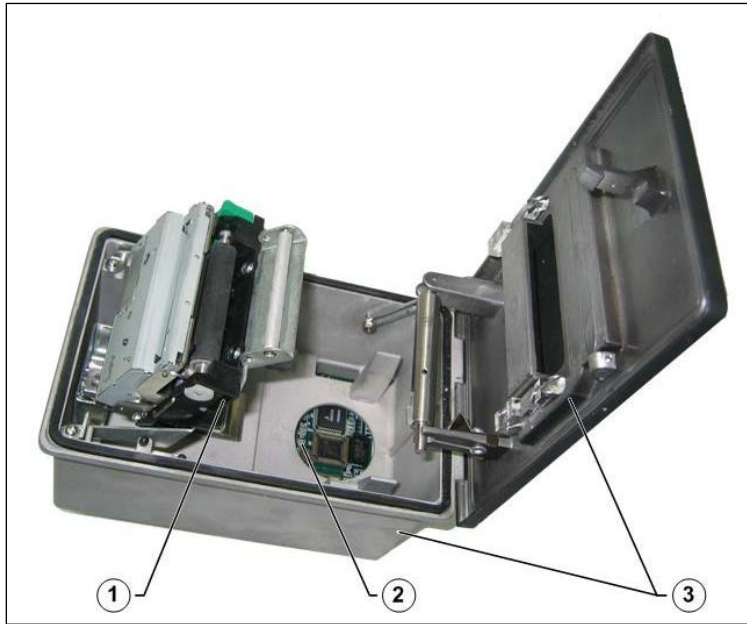






Table 30: TopKAT PLUS Printer G2 Spare Parts

Item No.	Picture (not to scale)	Gasboy P/N and Description	Orpak P/N and Description
1		M09680B102 Printer Head - TopKAT	819219990 Printer Head G2 + Heater-Assy
2		M09680B033 PCB card for Printer	819519950 PCB Assy.G2 Printer Eng, Tested
3		M09680B107 Mechanical Assy Printer Box - TopKAT	819020300 Mechanical Assy Printer Box
4		M09680B101 Paper TopKAT Printer	816600400 Paper Roll, 57 mm x 40 mm, 55gr Term

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Numerics

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800905332	37	800960150	33	819040150	5, 20
800905333	37	800960160	33	819058150	5, 17
800905340	38	800960208	31	819060010	34
800905341	38	800960209	32	819060041	34
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800907451	5, 39	800960258	32	819060052	35
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800919915	58	813102500	3, 22, 56	819138051	2, 47
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800927160	18	813107480	1, 48	819204152	24
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800935570	15	813317800	58	819209871	2, 59
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800939120	32	814948400	2, 48	819219990	2, 60
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800939130	32	815806030	2, 38	819223451	2, 25, 46
800939131	32	816000041	4	819223460	2, 25
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800939161	32	817302100	3	819223471	2, 25
800939172	32	817322505	2, 26	819223485	2, 25
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