



CFN Series

WEXSM Special Card Handler

V003

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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
MH6418	Power operated Transfer Pump Models 25, 25C, 26, 27, 28, 72, 72S, 72SP, 72X, 73 and 1820
MH7404	Hand operated Transfer Pump Models 1230 Series, 1243 Series, 1520 and 1720 Series
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

New York City Fire Department (NYFD):

NYFD C of A #	Product
4823	9100A, 9140A, 9152A, 9153A, 9800A, 9840A, 9850A, 9852A, 9853A, 9140
4997	9822A, 9823A
5046	9100Q, 9140Q, 9152Q, 9153Q, 9800Q, 9840Q, 9852Q, 9853Q

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 #
95-179A2	Dispenser	9100 Retail Series, 8700 Series, 9700 Series	91-019A2	Dispenser	9100 Commercial Series			
95-136A5	Dispenser	9800 Series	91-057A3	Controller	1000 Series FMS, 2000S-CFN Series			

Patents

Gasboy products are manufactured or sold under one or more of the following US patents:

Dispensers

5,257,720

Point of Sale/Back Office Equipment

D335,673

Additional US and foreign patents pending.

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Non-registered trademarks

Atlas™
Console™
Infinity™

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Additional US and foreign trademarks pending.

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Introduction

This special card handler can locally authorize Wright ExpressSM (WEXSM) fleet cards with ISO number 690046.

Cards Affected: WEX

Note: This special card handler requires an Islander II or CFN III to operate.

Related Documents

Site Controller - Versions 2.3, 3.3, and higher

Document Number	Title	GOLD Library
C01918	SC II Installation Manual, version 2.3	Gasboy Fuel Management Products
C09159	SC II Pocket Reference, version 2.3	N/A
C09204	Check Point Reference Manual	Gasboy Fuel Management Products
C09212	SC II Manager's Manual, version 2.3	Gasboy Archives
C35921	CFN III Pocket Reference, version 3.3	N/A
C35923	Point of Sale and Shift Change, version 003	Gasboy Fuel Management Products
MDE-4312	Site Controller II Configuration Manual, version 2.3	Gasboy Fuel Management Products
MDE-4313	CFN III Manager's Manual for Windows NT, version 3.3	Gasboy Fuel Management Products
MDE-4314	CFN III Configuration Manual for Windows NT, version 3.3	Gasboy Fuel Management Products
MDE-4355	Profit Point Clerk's Manual	Gasboy Fuel Management Products
MDE-4356	Profit Point Reference Manual	Gasboy Fuel Management Products

Credit and Debit Card Networks

Document Number	Title	GOLD Library
C35901	Buypass SM Credit & Debit Card Networks	Gasboy Fuel Management Products
C35902	ADS-CITGO [®] Credit & Debit Networks	Gasboy Fuel Management Products
C35903	Comdata [™] Credit & Debit Networks	Gasboy Fuel Management Products
C35904	EDS-CCIS Credit & Debit Networks	Gasboy Fuel Management Products
C35905	FDR SM Credit & Debit Networks	Gasboy Fuel Management Products
C35906	ADS-FINA [®] Credit & Debit Networks	Gasboy Fuel Management Products
C35907	Gascard Credit & Debit Networks	Gasboy Fuel Management Products
C35908	PaymenTech [™] Credit & Debit Networks (formerly Gensar)	Gasboy Fuel Management Products
C35909	Generic Dial Credit & Debit Networks	Gasboy Fuel Management Products
C35910	NaBANCO Credit & Debit Networks	Gasboy Fuel Management Products
C35911	NDC Credit & Debit Networks	Gasboy Fuel Management Products
C35913	Sinclair [®] Credit & Debit Networks	Gasboy Fuel Management Products
C35914	ADS-Chicago Credit & Debit Networks (formerly SPS/Phillips)	Gasboy Fuel Management Products

Document Number	Title	GOLD Library
C35915	T-Chek Credit & Debit Networks	Gasboy Fuel Management Products
C35916	UFDA Credit & Debit Networks	Gasboy Fuel Management Products
C35917	VDOT Credit & Debit Networks	Gasboy Fuel Management Products
C35918	VisaNet SM Credit & Debit Card Networks	Gasboy Fuel Management Products
C35919	ADS-ZION	Gasboy Fuel Management Products
C35930	Gasboy Dial 001 Credit & Debit Networks	Gasboy Fuel Management Products
C35931	Amoco [®] /DataCard Credit & Debit Networks	Gasboy Fuel Management Products

Pump Interface

Document Number	Title	GOLD Library
C01745	Gilbarco [®] Interface Unit Installation Manual	Gasboy Fuel Management Products
C09146	Site Controller Pump Interface Manual	Gasboy Fuel Management Products
C35849	SDI/Wayne [®] CAT Interface	Gasboy Fuel Management Products
C35924	SDI/Unitec [®] Interface	Gasboy Fuel Management Products
C35933	Insight Interface	Gasboy Fuel Management Products

Card Encoding and Miscellaneous

Document Number	Title	GOLD Library
C01687	CFN Series Card Encoding Manual	Gasboy Fuel Management Products
C09136	CFN Series Clubcard Format	N/A

Remote Communications

Document Number	Title	GOLD Library
C09141	PC/Site Control User's Manual	N/A

Technical Publications

Document Number	Title	GOLD Library
C01759	CFN Diagnostic Manual	Gasboy Fuel Management Products

Overview

When a card is swiped, the special handler identifies if this is a WEX card that needs to be handled by a special lockout routine.

WEX cards that match the ISO list are converted into a Gasboy® supervisor club card format (Figure 1) as follows (when converted, WEX Product Restriction = Gasboy Auth. and WEX Product ID = Gasboy Restriction):

The first 6 digits are to be manually entered (the prompt is determined by trfmt configuration (see “TRFMT” on page 5) and this 6-digit manually-entered number can be locked out using the site lockout.). If not entered, the first 6 digits are set to 000999.

The next 5 digits are the vehicle number from the WEX card. The 5-digit vehicle number becomes the second club card field

The 6-digit fleet number will be the third club card field.

WEX club cards where the number of digits on the card does not equal the number of digits in SYS-PAR will have the fields zero-filled at the end of the card number.

The WEX fleet number is checked by one of the two following methods:

- If the **fleet.dta** file exists, the fleet number is checked against the **fleet.dta** positive lockout file on the E:drive.

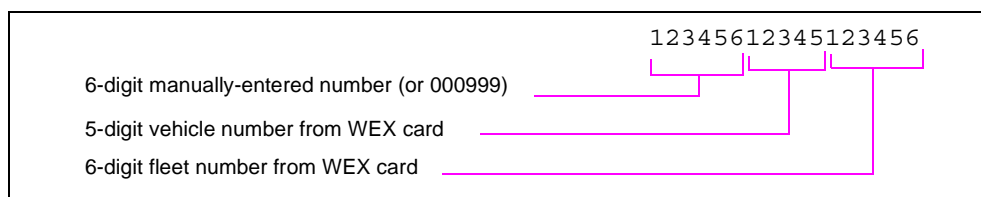
When using the **fleet.dta** file, you can turn off the restriction code by adding 1- or 2-digit mask to the end of each fleet number you want to affect in the **fleet.dta** file. This 1- or 2-digit mask will be at the end of the fleet number making it look like a 7-digit number, or can be separated by a comma, or other character (123456,2). In this instance, a fleet number ends with a 2, the vehicle restriction is turned off and there will be no prompt.

- If the **fleet.dta** file does not exist, the fleet number is checked against either of the two system IDs.

Then the 5-digit vehicle number followed by the 6-digit fleet number of the WEX card is checked against the **WEX.DTA** negative lockout file located on the PCMCIA RAM Card, E: Drive (F: if there is no E: Drive found) or the RAM Drive (R:) if a CFN III. If the number is found, the cards are invalid.

The **WEX.DTA** file is a sorted, ASCII file and is limited to 20,000 11-digit records. If no **WEX.DTA** file exists, a prompt of “**down try later**” will be displayed.

Figure: 1 - Gasboy Supervisor Club Card Format



Parameters

Note: Parameters identified by a leading asterisk () must use the value shown.*

Page 1: System Parameters

The Site Controller should be configured with the System ID or Second System ID matching the fleet number.

Lockout = bitmapped 6 digits on disk, max card = 999999.

Page 2: Club card format - field widths

* Digits in System ID = 6.

* Digits in account # = 17 or more (anything beyond will be filled with zeros).

Digits in limitation code = 0.

* Digits in authorization code = 2.

Digits in price level = 0.

* Digits in restriction code = 2.

Page 3: Club card formats - offsets

Limitation Code offset = 0.

Authorization code offset = 0.

Price level offset = 0.

Restriction code offset = 2.

Club bit-mapped account offset = 0.

Page 4: Reader

* Set lockout on local verification (reader) = Club.
Must use or the WEX.dta lockout will not be checked.

Page 5: Console

* Set lockout on local verification (console) = Club.
Must use or the WEX.dta lockout will not be checked.

Page 11: Transaction Miscellany

Allow Supervisor cards: Yes

TRFMT

* Set the first account number, Offset = 0 (zero), to 6 digits, and identify the title as driver number.

* Set the second account number, Offset = 6, to 5 digits, and identify the title as vehicle number.

* Set the third account number, Offset = 11, to 6 digits and identify as fleet number.

Reader

Auxiliary number prompt should be “Enter Driver #”. Set the number of digits to 6.

* The “Auxiliary number prompt” step must be before the “Select Pump” step.

Console

Auxiliary number prompt should be “Enter Driver #”.

Other Configurations

Site lockouts can be used to lockout manually entered driver numbers.

If a customer wants to do bit-mapped lockout on the driver #, make sure the lockout is set to 6 digits.

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