

1 – Introduction

This manual contains parts information for Gilbarco® Encore® series pumps and dispensers. Use this manual to help identify part descriptions, part numbers, and quantities required in a specific assembly.

How to Use This Manual

This manual provides detailed illustrations for Encore series pumps and dispensers. Match the callout numbers from an illustration to the corresponding table to find information on a part name, number, and quantity required for that assembly.

Parts Tables

The tables in this manual are set up as follows:

Item #	Part Description	Current Part	Previous Part	Quantity
1	7-digit Main Display Assembly	M12605A003	M12605A001	1

Definitions for each column are provided below:

Item

The item # column provides digits that match callouts on the related illustrations.

Part Description

The part description column provides a detailed name for each part from the illustration. Where applicable, information such as colors, dimensions, or other details are provided.

Current Part

The current part column provides the current Gilbarco part numbers for each item.

Previous Part

The previous part column provides the old Gilbarco part numbers that are no longer in use on current models. The previous part numbers are provided to help identify obsolete items that may still be in the field. Where possible, notes are provided to clarify the difference between old and new parts.

Note: When substituting an old part for new part, always check to ensure that parts are compatible.

Quantity

Quantity is per assembly shown. Quantity per unit will vary depending on the unit configuration. Use specifications in the parts table to obtain fasteners locally. Most kits contain the hardware required for installation.

Bulleted Items (Located Under Part Description)

These items are directly related to the previous part number listed. Parts are generally used for mounting or fastening hardware.

When Ordering Parts

Remember the following when ordering Gilbarco parts:

- 1 Furnish the model number, date code, and original options. This information is stamped on a serial plate riveted to the center of the main frame base on units built before December 2002. Serial plates on units built after December 2002 are affixed to the sheet metal Underwriters Laboratories (UL®) barrier located on the main door behind the CIM™ door (see [Figure 1-1](#) or [Figure 1-2](#)).
- 2 Provide the following information:
 - Part number
 - Quantity of the part required
 - Part description
 - Color, graphics, and other details required for order-entry items

Note: An order-entry item is an item that can be ordered individually using its individual part number (not a part that comes only in a kit).

Figure 1-1: Serial Plate (Units Built Through December 2002)

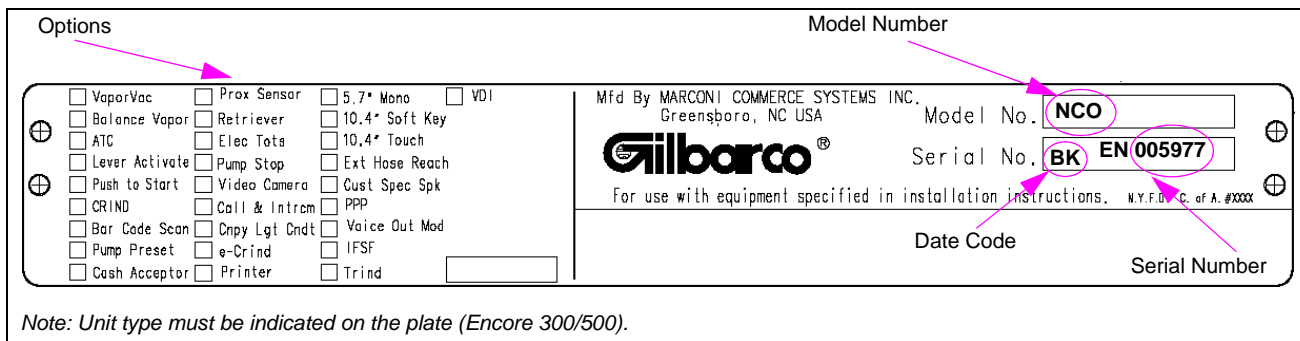
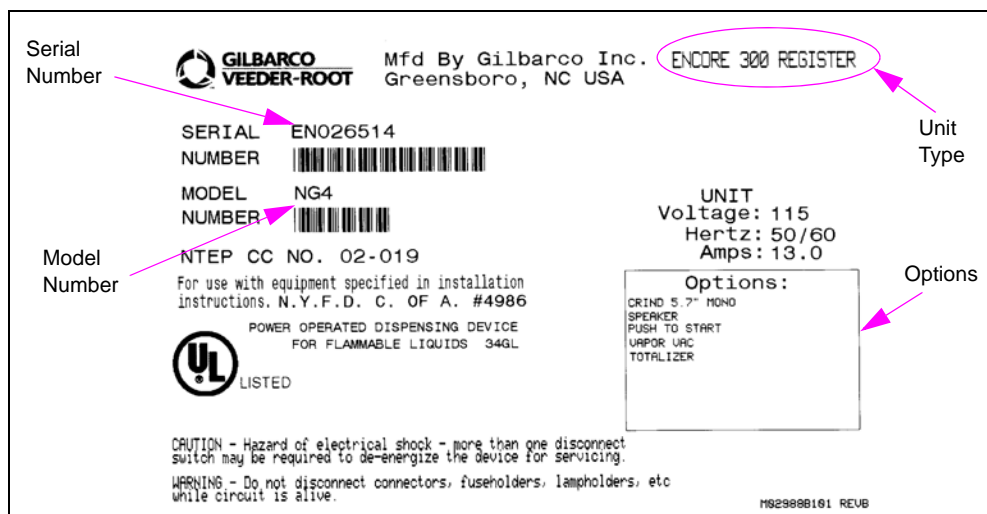


Figure 1-2: Serial Plate (Units Built After December 2002)



Model Number

The model number provides information on the configuration and options of the unit. In the example shown in [Figure 1-1 on page 1-2](#), the model number NCO corresponds to an Encore unit type (pump) single grade.

For more information on model codes, refer to *MDE-3985 Encore Installation Manual*.

Date Codes

The date code provides the month and year of manufacture. In the example shown in [Figure 1-1 on page 1-2](#), an Encore unit stamped “BK” was built in February 2001. Use the following chart as a reference to help determine the date codes:

Month Codes		
A = January	E = May	J = September
B = February	F = June	K = October
C = March	G = July	L = November
D = April	H = August	M = December
Year Codes		
H = 1999		
J = 2000	X = 2011	L = 2022
K = 2001	A = 2012	M = 2023
L = 2002	B = 2013	N = 2024
M = 2003	C = 2014	P = 2025
N = 2004	D = 2015	R = 2026
P = 2005	E = 2016	S = 2027
R = 2006	F = 2017	T = 2028
S = 2007	G = 2018	U = 2029
T = 2008	H = 2019	W = 2030
U = 2009	J = 2020	X = 2031
W = 2010	K = 2021	

Serial Number

The serial number identifies the unit purchased by the customer.

Options

The options is a list of customer driven options per unit.

Unit Type

The unit type provides information regarding the type of unit - Encore 300/500/S E-CIM™.

Related Documents

Document Number	Title	GOLD SM Library
MDE-2188	C and C+ Meter Quad Ring Top Seal Replacement Kits K35222 and K35222-01	Advantage [®] and Legacy [®] Models
MDE-3664	The Advantage Series, MPD [®] -3, Encore, and Eclipse [®] Units TRIND [®] Start-up, Service, and Parts Manual	Service Manual
MDE-3802	Encore and Eclipse Site Preparation Manual	<ul style="list-style-type: none"> • Encore and Eclipse • Encore and Eclipse Installers • Site Prep

Document Number	Title	GOLD SM Library
MDE-3804	Encore and Eclipse Start-up/Service Manual	<ul style="list-style-type: none"> Encore and Eclipse Service Manual
MDE-3860	Programming Quick Reference Guide	<ul style="list-style-type: none"> Encore and Eclipse Encore and Eclipse Installers Service Manual
MDE-3892	Meter Master Seal Service Kits (K96618 and M08182K001) Installation Instructions	Encore and Eclipse
MDE-3893	Encore and Eclipse Series Owner's Manual	<ul style="list-style-type: none"> Encore and Eclipse Encore and Eclipse Installers
MDE-3900	Steering Manifold Valve and Valve Coil Replacement Kits (K9664X-01) for Encore Series	Advantage and Legacy Models
MDE-3985	Encore Installation Manual	<ul style="list-style-type: none"> Encore and Eclipse Encore and Eclipse Installer Footprint and Elevation Library
MDE-4080	Dual Head Card Reader Kit M02139K00X Installation Instructions	Advantage and Legacy Models
MDE-4149	Blackmer® Global Dispenser Pump Installation	<ul style="list-style-type: none"> Pump and Dispenser Start-up Service Manual
MDE-4177	Monochrome Display Heater Retrofit Kits M03063K00X Installation Manual	<ul style="list-style-type: none"> CRIND® and TRIND Encore and Eclipse
MDE-4672	Totalizer Kit Installation Instructions for Encore S Dispensers	Encore and Eclipse
MDE-4703	Color Screen Upgrade Kit and Audio/Network Connectivity Board Installation Instructions for Encore 500 and Encore S	<ul style="list-style-type: none"> Encore and Eclipse Applause™ Media Systems
MDE-5161	Encore S Bezel to E-CIM Bezel Conversion Kits (M14061K00X) Instructions for Encore S	Encore and Eclipse
MDE-5215	Encore S/700 S Bezel Door Blank Kits (M13719K0XX) Installation Instructions	Encore and Eclipse
PT-1798	Consumables Parts List	Parts Manual

Abbreviations and Acronyms

Term	Description
ADA	Americans with Disabilities Act
A/R	As Required
ATC	Automatic Temperature Compensation
BIOS	Basic Input/Output System
CCN	CRIND Control Node
CDM	Control Display Module
CIM	Customer Interface Module
CRIND	Card Reader in Dispenser
CSC	Contactless Smart Card
DEF	Diesel Exhaust Fluid
DSL	Digital Subscriber Line
E-CIM	Enhanced Customer Interface Module
EMV®	Europay®, MasterCard®, and Visa®
EPP	Encrypting PIN Pad
ESD	Electrostatic Discharge

Term	Description
GOLD	Gilbarco Online Documentation
GPU	Global Pumping Unit
GSA	Grade-to-Side Adapter
HOC	Hose Outlet Casting
I.S.	Intrinsic Safety
J-box	Junction Box
LCD	Liquid Crystal Display
LCR	Least-cost Routing
LED	Light Emitting Diode
LON	Local Operating Network
LRE	Long Range Ethernet®
LVDS	Low-voltage Differential Signaling
MOC	Major Oil Company
MPD	Multi Product Dispenser
NGP	Next Generation Payment
PCA	Printed Circuit Assembly
PCB	Printed Circuit Board
PCI	Payment Card Industry
PCN	Pump Control Node
PIP	Peripheral Interface PCB
POS	Point of Sale
PPP	Programmable Pump Preset
PPU	Price per Unit
RFID	Radio Frequency Identifier Device
RTD	Resistance Temperature Detector
SCR	Secure Card Reader
SP	Sandpiper™
SPOT	Secure PIN Pad for Outdoor Terminal
SPP	Secure Payment PCB
STP	Submersible Turbine Pump
TCR™	Tribrid Card Reader
TRIND	Transmitter/Receiver in Dispenser
UHF	Ultra-Hi™ Flow
UL	Underwriters Laboratories
UPT	Unattended Payment Terminal
USB	Universal Serial Bus