

1 – Introduction

This manual contains parts information for Gilbarco Eclipse™ Series pumps and dispensers. Use this manual to help identify part names, part numbers, and quantities required in a specific assembly.

How To Use Your Manual

This manual provides detailed illustrations for Eclipse 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.

Important Information About Future Releases

In our effort to better serve our users, parts manual sections are released independently of each other. This process will allow for quicker implementation of the most current data. Release information will be included in the section titles of the on-line documentations and in the titles and footer of print and PDF versions of documents. Please look to Gilbarco's on-line document resource "GOLD" for the latest update. The revision history included within this document will describe the changes made.

Related Documents

The following documents provide additional information:

MDE-3802	Encore™ and Eclipse® Site Preparation Manual
MDE-3804	Encore and Eclipse Start-Up Service Manual
MDE-3860	Encore and Eclipse Programming Quick Reference
MDE-3893	Encore and Eclipse Owners Manual
MDE-3944	Encore and Eclipse ADA Specification Guide
MDE-3986	Eclipse Installation Manual

Parts Tables

The tables in this manual are set up as follows. Definitions for each column are provided below.

Item #	Description	Current Part	Previous Part	Quantity
1	PCA, Terminal Block Board	M00044A001	-	1
	• plastic PCB Standoff	Q10651-02	-	2

Item

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

Description

The 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 current Gilbarco part numbers for each item.

Previous Part

The Previous Part column provides 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.

Quantity

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

Bulleted Items (located under Description)

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

When Ordering Parts

Keep the following items in mind when ordering Gilbarco parts:

- 1 Please 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 UL barrier located on the main door behind the CIM door. See “Serial Plate (Units built end of Dec 2002)” on page 1-3 or “Serial Plate (Units built after Dec 2002)” on page 1-3.
- 2 Provide the following information:
 - Part number
 - Quantity of the part needed
 - Description of part
 - Color, graphics, and other details needed for order entry items.

Figure 1-1: Serial Plate (Units built end of Dec 2002)

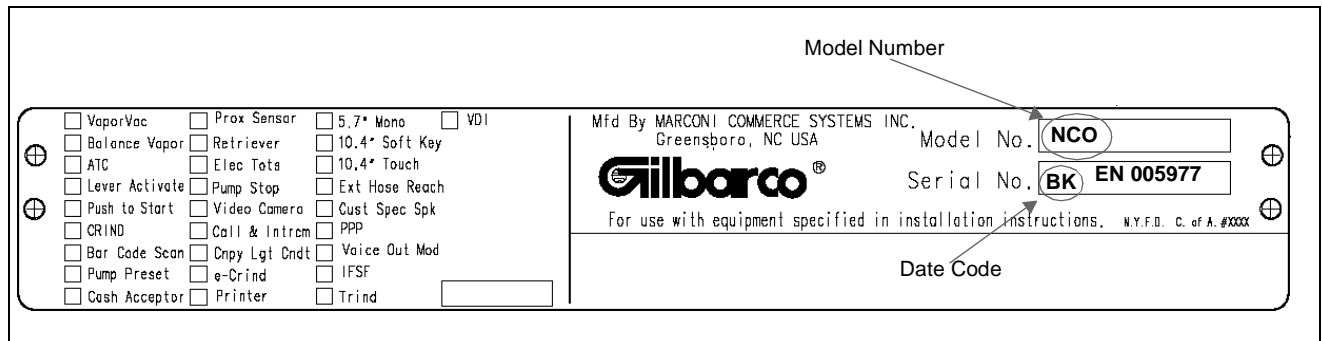
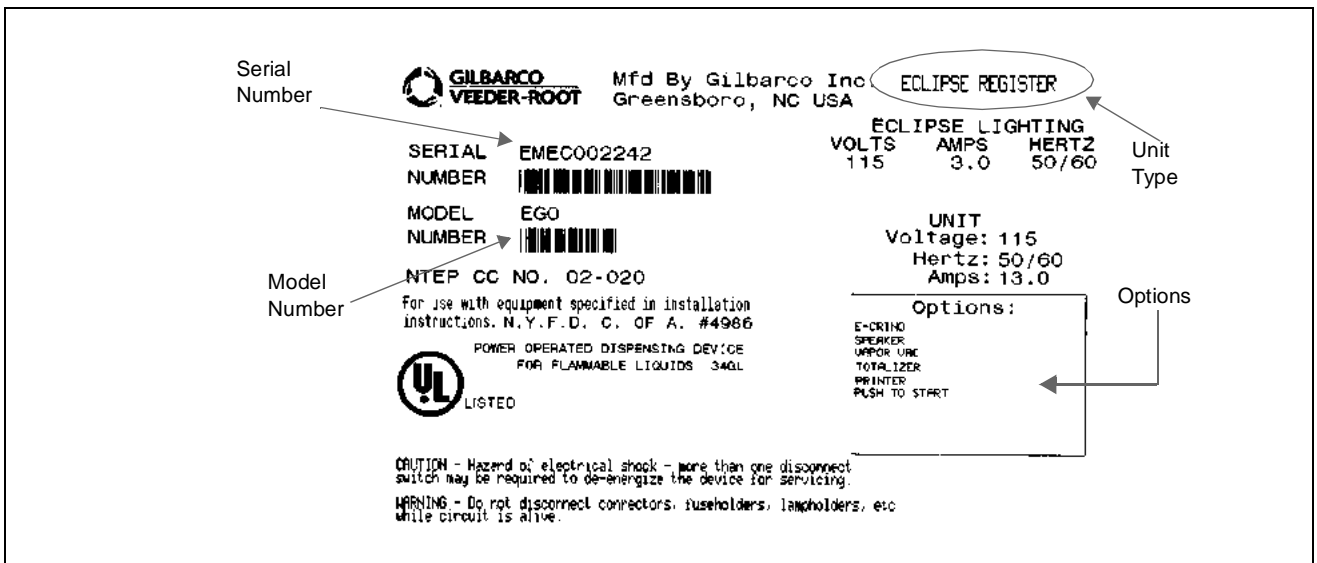


Figure 1-2: Serial Plate (Units built after Dec 2002)



Model Number

The model number provides information on the configuration and options of the unit. In the example provided above, the model number NCO corresponds to an Encore Unit Type (Pump) single grade.

For more information on Model Codes, see Reference MDE-3985 Encore Installation Manual.

Date Code

The date code provides the month and year of manufacture. In the example provided above, an Encore unit stamped BK was built in February 2001. Use the chart below as reference to help determine 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 Code		
H = 1999		
J = 2000	N = 2004	T = 2008
K = 2001	P = 2005	U = 2009
L = 2002	R = 2006	W = 2010
M = 2003	S = 2007	X = 2011

Serial Number

The serial number identify which unit by customer.

Options

This is a list of customer driven options per unit.

Unit Type

The unit type provides which type of unit either Encore 300, Encore 500 or Eclipse.

Revision History Section

The following table list the revision history of PT-1938, Eclipse™ Series Pumps and Dispensers Illustrated Parts Manual.

PT-1938A (July 2000)

- Added new section **Door Module Electronics Section**.
 - The following sections are updated in this release, Introduction, CD Module Electronics Section, Vapor Vac Module Section, Meter Section, and the Digital Valve and Coil Section.
 - Changed page numbering.
 - Revision date added to each section.
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PT-1938B (August 2001)

- Added two new sections **Cable Assemblies and Sheathing Sections**.
 - Updated all existing sections with the latest Revision and Date.
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PT-1938C (February 2003)

- See top of next page for PT-1938C Record of Revision.
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Record of Revision PT-1938C (June 2003)		
Section	List of Effective Pages	Brief description of change
Title Page	Front Cover	Updated Title Page revision C along with usage of the latest front cover.
Table of Contents	Pages i thru ia	Updated Table of Contents by rearranging sections. Refer to the latest Table of Contents for current list of sections and new page numbers. <ul style="list-style-type: none"> • Adding the following new sections: 10-1 VaporVac, 11-1 Junction Box and Conduit, 13-1 Option.
Introduction	Pages 1-1 thru 1-6	<ul style="list-style-type: none"> • Added new Serial Plate illustration along with details. • Updated section by adding Record of Revision PT-1938C.
CD Module Electronics	Pages 3-1 thru 3-8	Updated CD Module Section with the following changes: <ul style="list-style-type: none"> • (Base Electronics M00459A002) M00719A002 Cable, Serial Programming Port is obsolete as of 1/10/03. Changed made based upon internal ECO. • (Base Electronics Section M00459A002) M00150A002 E-cal Switch cable was replaced by M00150A001. • Adding new Base Electronics Section M02278A001 (used on units built after 10/20/02). • Added new Power Supply M02274A001 (used on units built after 4/16/03). • Changed name, was CRIND Monochrome Assembly, now CRIND Monochrome Display Assembly.
Door Module Electronics	Page 4-1 thru 4-10	<ul style="list-style-type: none"> • Updated Monochrome Display part numbers, now current part is Q13908-06. • E-CRIND Keypad (ADA CRIND) was part number M00141B001, now M00141B002. • Added Keypads M01199B001 and M02027B001. • Added Speaker Assembly M01124A001. • Added Printer Assembly M00317A001 (used on units built after 10/23/01) • Added Pump Door Node Assembly M00062A001 and M01785A001.
Cable	Pages 5-1 thru 5-32	<ul style="list-style-type: none"> • Removed "used with" column from tables. • Updated section by adding new cables.
Digital Valve	Pages 6-1 thru 6-2	<ul style="list-style-type: none"> • Valve Replacement Kit M02168K001 was replaced by M00246A001.
Hydraulics	Pages 8-1 thru 8-6	Update section by changing the following: <ul style="list-style-type: none"> • Added new illustration showing the proportional valve along with Meter and Manifold to lower hydraulics illustration • Added new illustrations showing Hydraulic frames for Encore 300/500 and Ultra-Hi. • New illustrations showing Manifold Angle Castings.
Frame and Skin	Pages 9-1 thru 9-4	Updated parts list with latest current part numbers.
VaporVac	Pages 10-1 thru 10-6	New section
Junction Box and Conduit	Pages 11-1 thru 11-4	New section
Ad-Light	Pages 12-1 thru 12-2	Illustration and parts list change to show 15 watt bulb and lampholder.
Options	Pages 13-1 thru 13-6	New section added to this revision.
All	All	Updated all footers by adding the latest revision and date.