

Introduction

Purpose

This manual provides instructions to upgrade FlexPay™ IV from Video Graphics Array (VGA) 10.4” to Super Video Graphics Array (SVGA) 10.4”.

The 10.4-inch VGA display (M14004) is no longer available. The dispenser can support an SVGA display on one side and VGA display on the other side of the same dispenser. This upgrade will change the display resolution while retaining the fit, form, and function.

Table of Contents

Topic	Page
Introduction	1
Software Upgrades Required	2
Upgrading the Hardware	3

Parts List

The following table lists the parts included in the 10.4-inch SVGA Display Kit (M19045K001). One kit is required per side.

Item	Description	Part Number	Quantity
1	Jumper 100 Ctr	Q11011-01	2
2	Manual, 10.4-inch SVGA Display for FlexPay IV Kit (M19045K001) Installation Instructions	MDE-5672	0 (Available on GOLD)
3	Cable Assy, UPM to PIP, Sq bezel, SVGA	M14346A102	1
4	Cable Assy, UPM to PIP, Production, SVGA	M14346A101	1
5	Assembly, 10.4” SVGA Display	M19044A002	1

Abbreviations and Acronyms

Term	Description
EMV	Europay®, MasterCard®, and Visa®
GOLD	Gilbarco Online Documentation
LCD	Liquid Crystal Display
PCB	Printed Circuit Board
PIP	Peripheral Interface PCB
POS	Point of Sale
SVGA	Super Video Graphics Array
UPM	Universal Payment Module
VGA	Video Graphics Array

Software Upgrades Required

Before you upgrade your display, upgrade the following softwares:

UPM

The minimum required UPM software that supports the SVGA display is version 42.11.53, 52.13.14 (U.S.), or 52.11.53, 52.13.14 (Canada).

Upgrade the following software, if present.

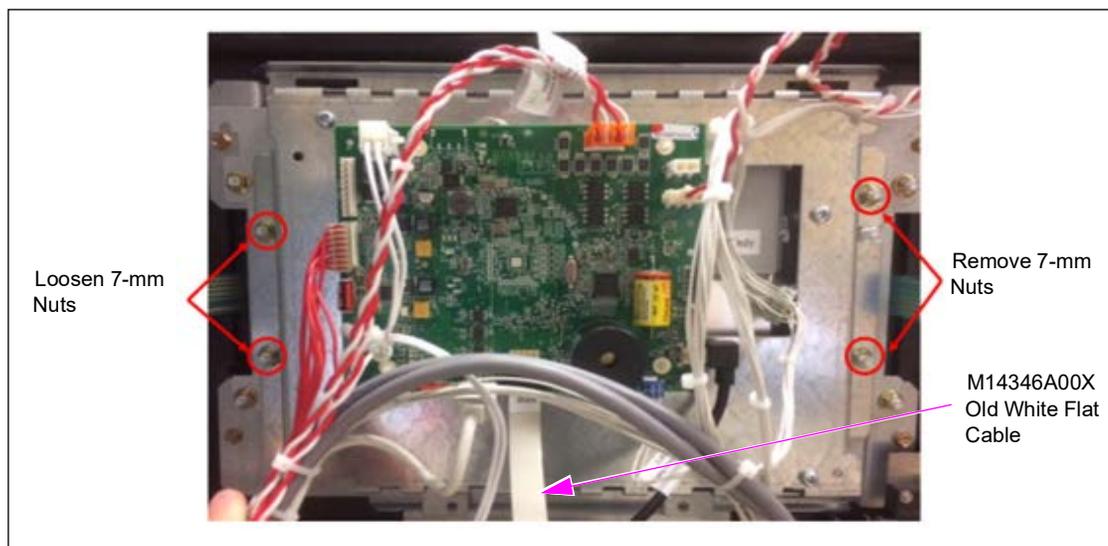
Software	Action Required
GSoM	GSoM (if present), upgrade to version 01.3.00 or higher. Upgrade on both sides.
Omnia	Omnia (if present), upgrade to version 5.07 or higher.
Applause™ Server	<p>The V34.0.02 Applause Site Server image is available on the Gilbarco FTP server. For instructions on loading the Applause Site Server image, see MDE-4699 Applause Media System Installation, Service and Parts Manual available on GOLD.</p> <p>FTP Login information: ftp://ftp.gilbarco.com/ Username: pascget Password: asc4get File name: (7.0) smartserver-34.0.02</p> <p><i>Note: Beginning with the PA03580004 Applause Site Server, imaging is performed via USB. See Service Bulletin # 2612 for details.</i></p>

Upgrading the Hardware

To upgrade the hardware, proceed as follow:

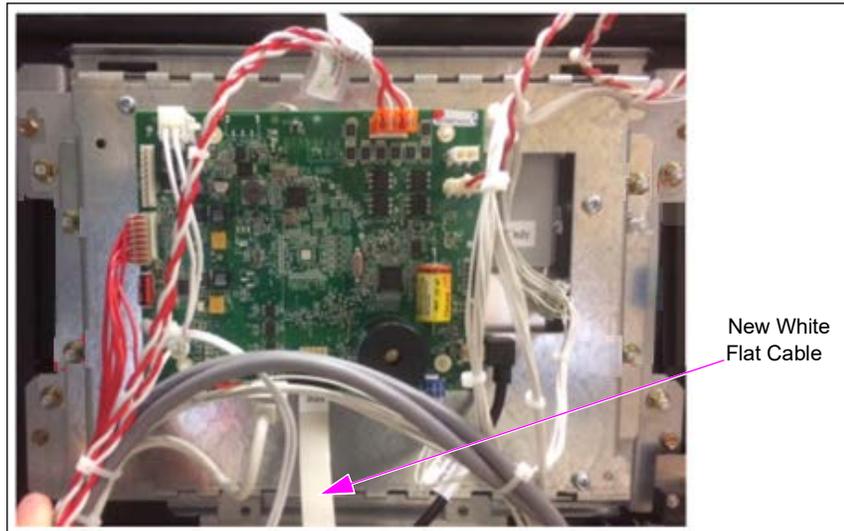
- 1 Power down the dispenser/simulator.
- 2 Open the door to access the back of the display.
- 3 Disconnect all cables going to the PIP board.
- 4 Remove the PIP/display assembly. Your assembly may differ slightly, but there are a few screws that will release the entire assembly.

Figure 1: Removing the PIP/Display Assembly



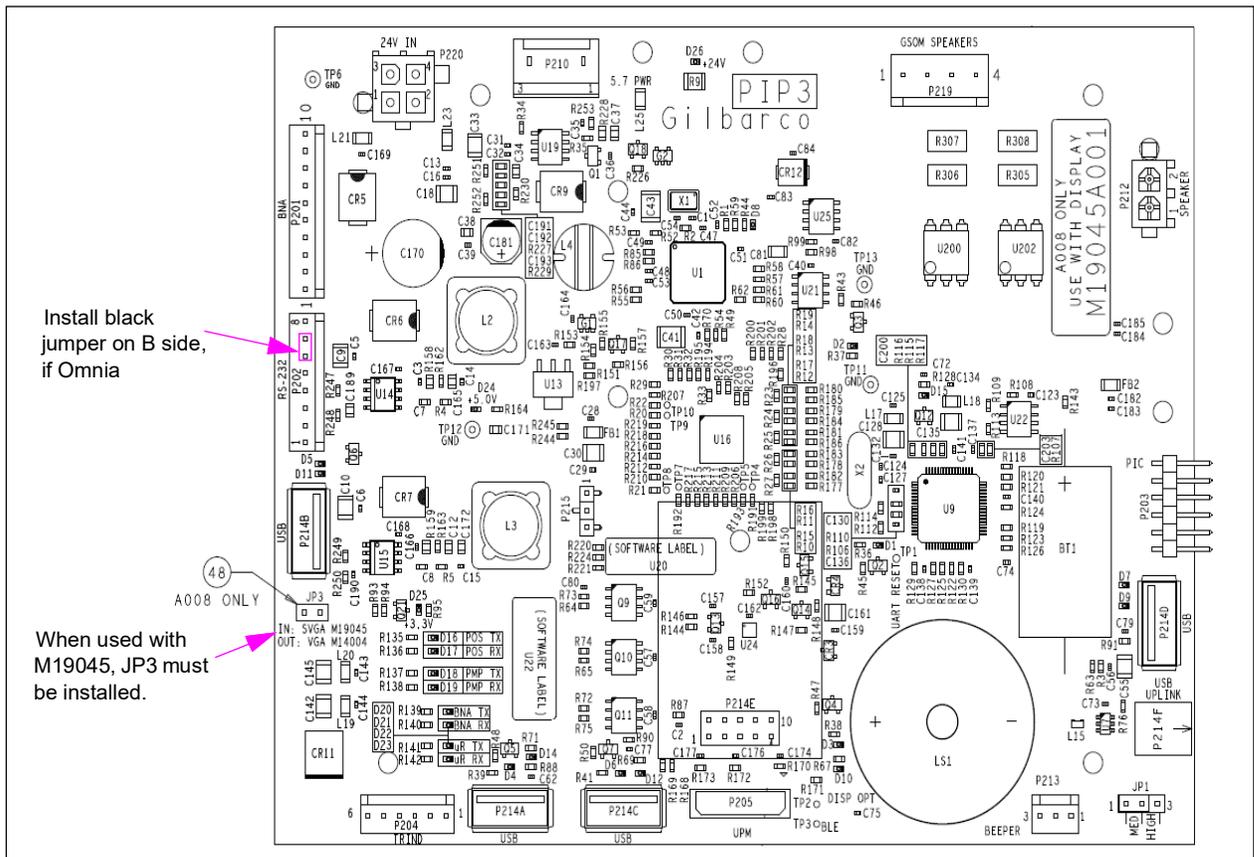
- 5 Remove the plastic film from the SVGA display.
- 6 Mount the replacement display assembly to the back of the door.
- 7 Do not reuse the old white flat cable (M14346A001 or M14346A002 as shown in [Figure 1](#)). Instead, install the M14346A101 for ECM doors and M14346A102 for square bezel doors. Re-attach remaining cables (See [Figure 2](#) on [page 4](#)).

Figure 2: Installing the PIP/Display Assembly



- 8** Install JP3 on the PIP3 board to identify it as a SVGA display.
- 9** If you have an Omnia board in the dispenser, identify the B-side and install a black jumper on the PIP3 P202 connector. There should be one empty pin at the top of the connector and the jumper should short the next 2 pins (See [Figure 3](#) on [page 5](#)).

Figure 3: M13987A008 PIP3 Board



Note: This board supports either the M19045 SVGA display or the M14004 VGA display.

- 10 Power up the dispenser. The UPM will “read” the new PIP3 board and recognize the new resolution.

Note: The boot screen might look slightly different, but the user screens are the same.

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