



FALCON

Currency Validator



Model FL-4



Model G3V

FalconTM **PARTS MANUAL**

**Pub. No.: G3M6147
1 December 2007**



global payment technologies, inc.

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LIST OF EFFECTIVE PAGES

Dates of issue for the original manual and subsequent revision(s) and/or change(s) thereto are listed as follows:

Original issue 1 December 2007

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Note: A copy of this document is available at GPT's Web site:

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PREFACE

This Preface Covers:

1. SCOPE
2. PURPOSE
3. INTENDED AUDIENCE
4. ORGANIZATION OF THIS MANUAL
5. CONVENTIONS USED IN THIS MANUAL
6. WARNINGS, CAUTIONS, AND NOTES
7. CHANGES TO DOCUMENT
8. REFERENCE MATERIALS
9. GLOSSARY



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Scope

This Technical Manual contains the parts breakdown of *GPT's* Falcon™ Currency Validator and its companion storage device known as the Stacker. In addition, it provides a discussion of the Currency Validator's configurable components and the definitions of the labels used to identify the unit.

Purpose

This manual provides the part numbers for servicing Falcon and its companion Stackers. Pictorials and descriptions of each part are provided to help service personnel quickly identify replacement items.

Intended Audience

The contents of this manual are intended for technical personnel responsible for the maintenance and repair of the Falcon Currency Validator. **This document is intended only for use by *GPT-trained* personnel and *GPT-trained* affiliates.** Authors of this manual assume that these personnel have a working knowledge of computers, electronic devices within vending and/or gaming machines, and their related software applications.

Organization of This Manual

This manual is organized into chapters that identify the configurations of the Falcon Currency Validator. Each chapter has been divided into sections and subsections. Content outlines have been provided on the first page of each chapter.

Conventions Used in This Manual

This manual uses different fonts and symbols to differentiate between document elements and types of information. These conventions are summarized in the following Table:

Convention	Description
Normal Text	Normal or standard text font used throughout this document.
<i>New or unique term</i>	<i>GPT-defined terminology found in the Glossary¹.</i>
WARNING, CAUTION, or Note	Text used herein as adjunct statements.
File name or Directory	Highlights the names of program directories, files, and extensions for file names. This convention is also used to show displays on text-based screens (e.g., to show the contents of a file).
Refer to Chapter 3	Internal document reference.
<i>Falcon Service Manual</i>	Titles of reference materials (i.e., other documents).

¹ Only the first appearance of a unique term in a chapter is in italics; thereafter, throughout the chapter, it appears as normal text.

Warnings, Cautions, and Notes

Warnings, Cautions, and Notes throughout this manual are used as adjuncts to the text, and they are used as sparingly as possible consistent with the proper use of the Falcon Currency Validator. Warnings, Cautions, and Notes are defined below:

WARNINGS: A STATEMENT USED TO CALL ATTENTION TO POSSIBLE PERSONNEL INJURY OR LOSS OF HUMAN LIFE, PURSUANT TO A PROCEDURAL STEP, IF SAFETY PRECAUTIONS ARE NOT OBSERVED.

CAUTIONS: A statement used to call attention to possible indications and/or conditions, pursuant to a procedural step, that if not known, could cause the proper running of the Currency Validator to be disabled or unintentionally impaired.

Notes: A description of an unusual procedure or condition that must be brought to the user's attention. Notes are used to supply needed information that is not a step in procedure.

In addition, WARNINGS, CAUTIONS, and Notes are further identified by the following symbols:

Note: This symbol is located in the left margin and is placed adjacent to the actual WARNING.



Note: This symbol is located in the left margin and is placed adjacent to the actual CAUTION.



Note: This symbol is located in the left margin and is placed adjacent to the actual Note.



Changes to Document

Periodically, *GPT* technical publications must be updated to reflect the latest product information. *GPT* customers are encouraged to periodically check our Web site for updates and relevant technical bulletins at <http://www.gpt.com/>. Customers may also contact *GPT* Customer Service at customerservice@gptx.com or call 1 (800) 472-2506 for the latest information.

Reference Materials

Periodically, *GPT* will issue Technical Bulletins that may affect the contents of this manual and/or product. It is recommended that the users of this manual refer to *GPT*'s Web site at: www.gpt.com

<i>GPT</i> Publications	Number	Description
Falcon Installation Guide	G3M6146	Provides procedures for installation, operation, and preventive maintenance of Falcon and its ancillary equipment(s). It introduces <i>GPT</i> 's product labeling and part numbering conventions. Fundamental operating requirements, simple troubleshooting, and basic field repair are also supplied.
Falcon Service Manual	G3M6148	Describes the features, functions, configurations, components, protocols, and theory of operation for Falcon. It also includes diagnostics, preventive and corrective maintenance procedures to keep Falcon working properly.
G3V 400-Bill Stacker Assembly Instructions	G3A4104	Provides detailed assembly instructions for the G3V 400-Bill stacker.

Glossary

The following acronyms and terms, which appear in this manual, are listed below for quick reference.

Falcon: The main motorized device that reads, verifies, counts and collects bank notes and coupons.

Bank Notes: bills or currency

CPU: Central Processing Unit

***GPT*:** Global Payment Technologies, Inc.

PCB: Printed Circuit Board

Sleep Activated: The Currency Validator awaits insertion of a bank note; during this time, the unit draws minimal power – bezel LEDs are inactive; only front sensor LEDs and associated circuitry are active.

Stacker: The term that describes the device that stacks and stores bank notes and coupons.

STD: Standard

VDC: Volts Direct Current

CHAPTER 1 – OVERVIEW

This Chapter Covers:

1. INTRODUCTION
2. IDENTIFYING YOUR CURRENCY VALIDATOR
3. STACKER
4. ORDERING PARTS



1.1 Introduction

Using advanced designs and electronics, *GPT's* Falcon family of Currency Validators provide outstanding performance for fast, reliable bank note acceptance. Developed as a world-wide application Currency Validator, Falcon can process multi-country databases, consisting of up to 64 bank notes per database (between 60-mm to 78-mm in width), in four directions. Since Falcon fits into nearly all electronic vending, gaming, and beverage machines, it can replace most other models in the field.

Falcon, which was designed to accommodate a variety of Stacker mounting positions, is available in three unique models, known as G3V, FL-4, and FL-6. All models are available with a choice of *GPT's* 200-, 400-, 600-, or 1,000-bill Stackers. With Falcon's Model G3V series (see **Figure 1-1**), the unit can be positioned, with a rear-loading Stacker, in either an up- or down-stack orientation – merely turn the unit over. (To discharge notes from the bottom of the unit, Falcon can be configured with a deflector plate instead of a Stacker – obtain Expeller Kit, *GPT* PN 325K0002.)

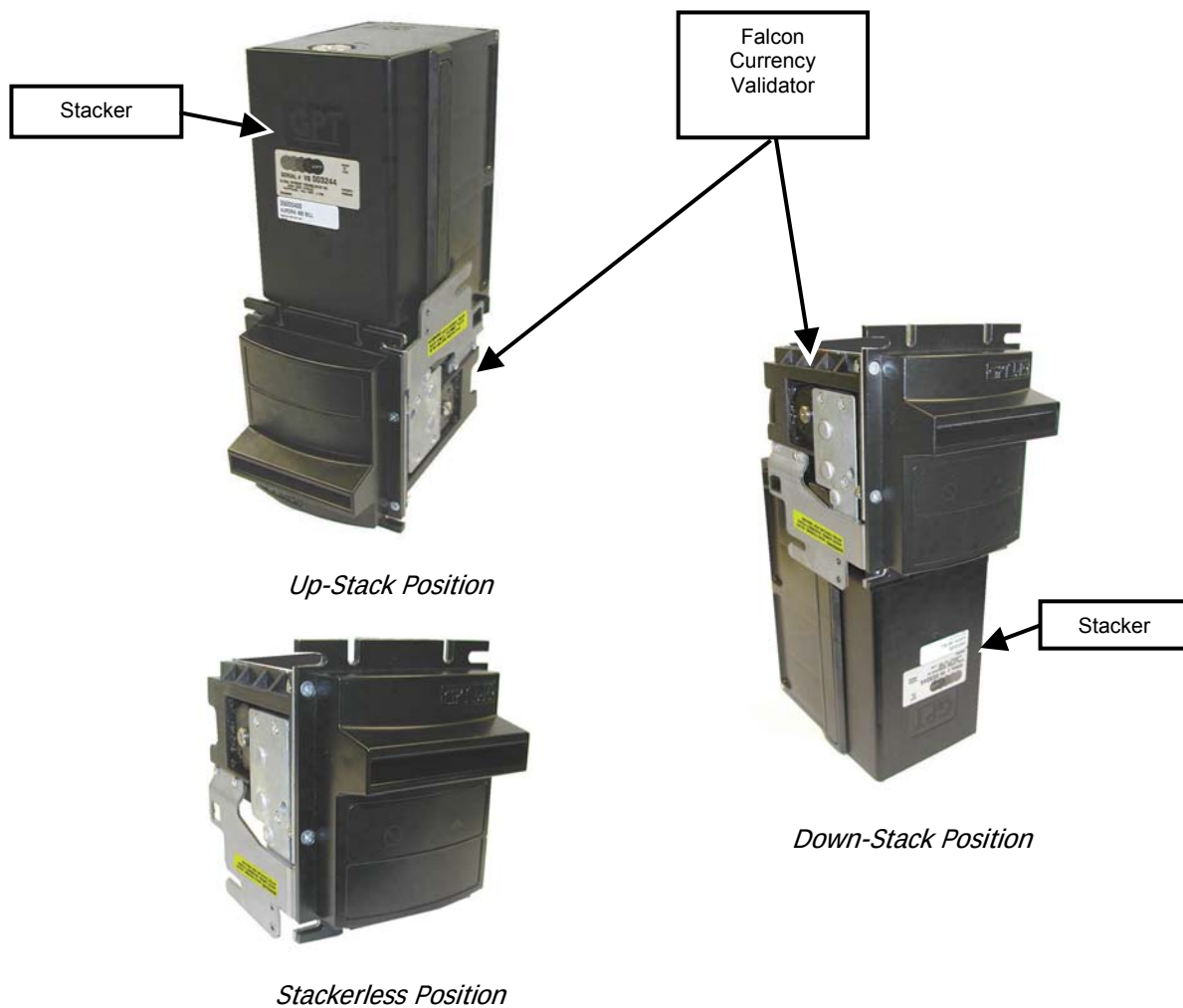


Figure 1-1. Falcon's Model G3V – Stacker Mounting Positions

For customers who require a gaming unit with a front-loading Stacker, Falcon's Models FL-4 and FL-6 are the ideal choices (see **Figure 1-2**). Model FL-6 was designed to mount directly into gaming machines with industry standard footprint.



Model FL-4 with 400-Bill Stacker



***Model FL-6 with 400-Bill Stacker,
IDS Bezel, and Enclosure***

Figure 1-2. Falcon's Models FL-4 and FL-6

FALCON Currency Validator

1.2 Identifying Your Currency Validator

Affixed to the cover of Falcon's Lower-Guide Assembly are the labels that identify major characteristics of the unit (see **Figure 1-3**):

- Part Number
- Program
- Serial Number
- Origin Country Code
- CE/Warning (affixed to bracket).

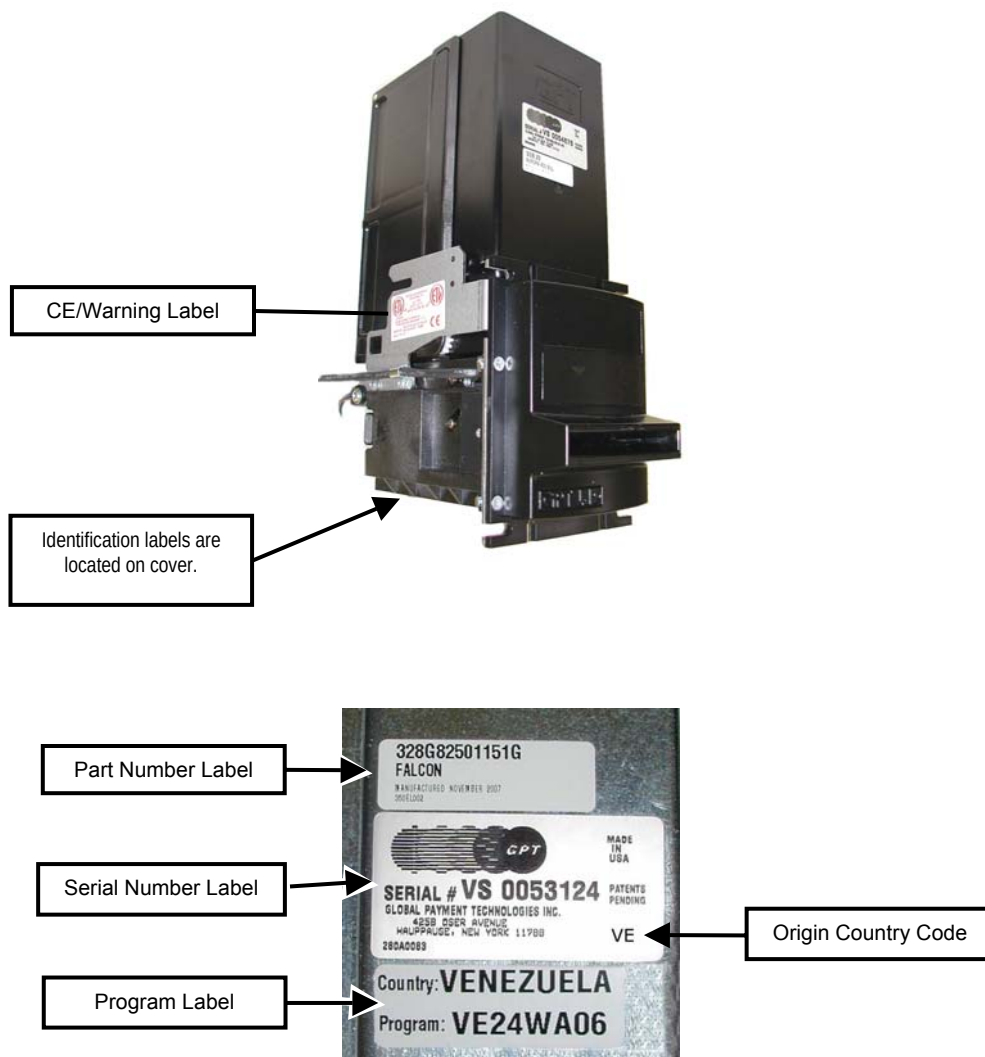


Figure 1-3. Currency Validator Identification Labels – Typical

The **Part Number** label specifies the date (i.e., month and year) that the Currency Validator was manufactured. It also uses an alphanumeric code that identifies the version number and the configurable components (i.e., mechanical and electrical) of the unit.

The numbering scheme for the **Part Number** label for the Falcon's Model G3V series is defined in **Figure 1-4**.



Note: Falcon's Model G3V series use 325G and 327G designations in the numbering scheme of the Part Number label. The options for 325G series are identical to 327G series except as shown below.

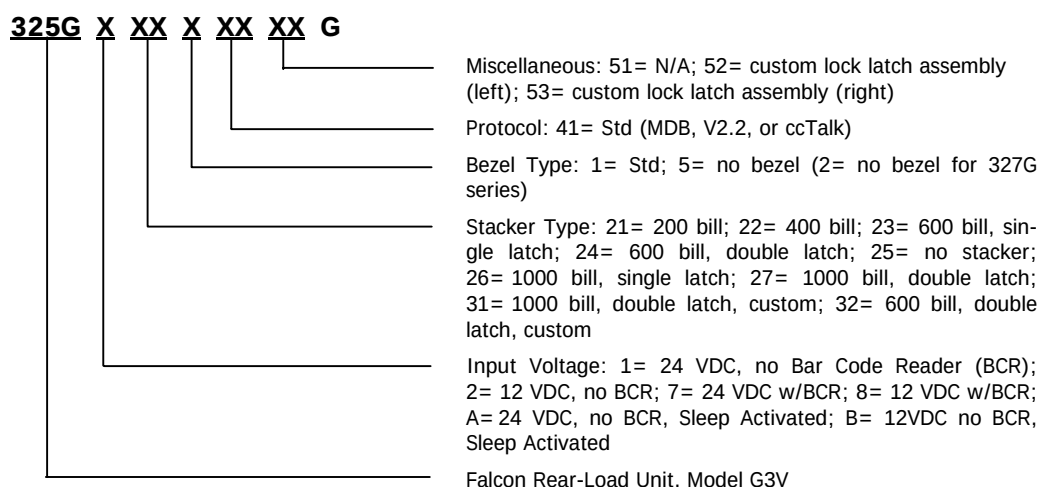


Figure 1-4. Part Number Label Numbering Scheme for Model G3V

The following is an example of a part number for Falcon's rear-loading stacker unit, Model G3V:

Sample Part Number: **325G 8 22 1 41 51 G**

where:

325G is a Falcon Rear-Load Unit, Model G3V;
8 indicates 12 VDC with BCR;
22 indicates 400-bill stacker;
1 indicates Std bezel;
41 indicates Std protocol (MDB/V2);
51 not applicable (N/A);
G indicates unit is ROHS-compliant.

The numbering scheme for the **Part Number** label for Falcon's Models FL-4 and FL-6 series is defined in **Figure 1-5**.



Note: Falcon's Models FL-4 and FL-6 series use 328G designations in the numbering scheme of the Part Number label.

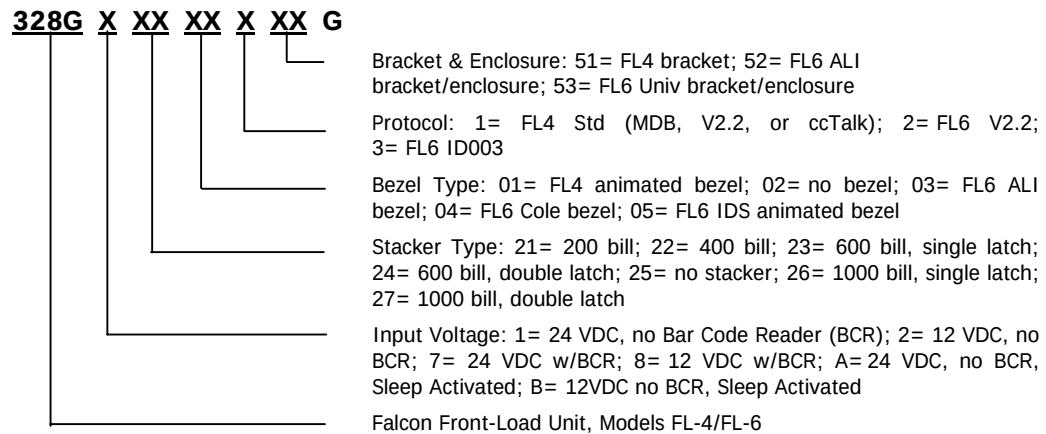


Figure 1-5. Part Number Label – Numbering Scheme for Models FL-4 and FL-6

The following is an example of a part number for Falcon's front-loading stacker unit, Model FL-4:

Example: **328G 7 22 01 1 51 G**
where:

- 328G** is a Falcon Front-Load Unit, Model FL-4/FL-6;
- 7** indicates 24 VDC with BCR;
- 22** indicates 400-bill stacker;
- 01** indicates animated bezel;
- 1** indicates Std protocol (MDB/V2);
- 51** indicates FL4 bracket/enclosure;
- G** indicates unit is ROHS-compliant.

The **Program** label identifies the country and contains an 8-digit alphanumeric code that defines the software characteristics of the Currency Validator. Two different numbering schemes are used to define single-country and multi-country databases (refer to **Section 3.1** of *Falcon Service Manual*, publication number **G3M6148**).

The **Serial Number** label uses a unique alphanumeric code that identifies the Currency Validator.

The **Origin Country Code** mini-label, which is affixed onto the Serial Number Label, uses a two-letter ISO country code to indicate the country database that the Currency Validator was tested and shipped to.

The **CE/Warning** label (see **Figure 1-6**) indicates the Currency Validator complies with ETL and CETL requirements; an additional symbol appears for units that are ROHS compliant. This label also specifies the rated input power (i.e., voltage and current) required to safely operate the Currency Validator; refer to **Figure 1-7** for the mounting location of the **CE/Warning** label.

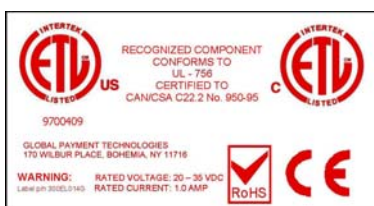


Figure 1-6. CE/Warning Label (Typical)

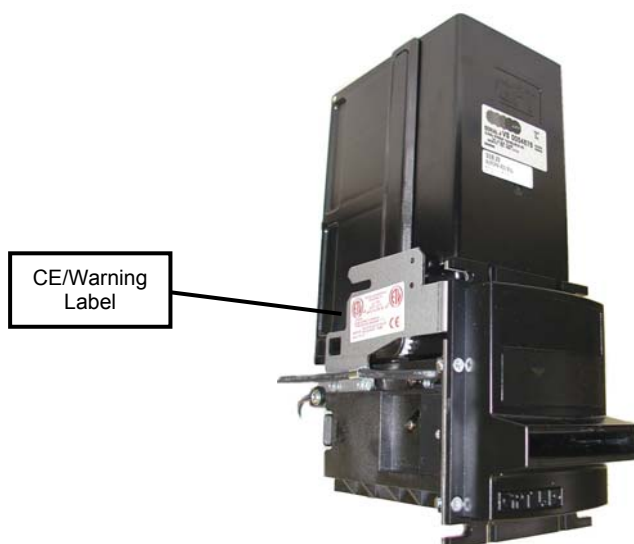


Figure 1-7. Mounting Location for CE/Warning Label

1.3 Stackers

Depending upon the currency sizes and quantities to be stored, *GPT* offers our customers a wide variety of Stackers (see **Figure 1-8**). The Stacker, which is designed with standardized components, provides error-free operation to secure up to 1000-stacked bills². When the Stacker is full, it can be easily detached from the Currency Validator and sent to a remote location. The Stacker uses a door key-lock to secure the bills.



400-Bill Stacker



1000-Bill Stacker

Figure 1-8. Falcon Stackers

1.4 Ordering Parts

Parts can be identified for the various configurations of Falcon by using the information provided in **Chapters 2** through **4**. To order replacement parts, contact either your local distributor or regional office; refer to **Contact Information** at the back of this manual for the *GPT* office nearest your location. If the desired parts are not available at these locations, call Customer Service at *GPT*'s manufacturing facility (1-800-472-2506).

² Also available are Stackers that can store 200 and 600 bills. All storage capacities are approximate and are contingent upon the circulation quality of the currency.

CHAPTER 2 – PARTS FOR FALCON CURRENCY VALIDATORS

This Chapter Covers:

1. INTRODUCTION
2. FAMILY TREE FOR FALCON MODEL G3V, 325G SERIES
3. FAMILY TREE FOR FALCON MODEL G3V, 327G SERIES
4. FAMILY TREE FOR FALCON MODELS FL-4/FL-6, 328G SERIES
5. FALCON MODEL G3V – TOP ASSEMBLY PARTS BREAKDOWN FOR 325G SERIES
6. FALCON MODEL G3V – TOP ASSEMBLY PARTS BREAKDOWN FOR 327G SERIES
7. FALCON MODELS FL-4 & FL-6 – TOP ASSEMBLY PARTS BREAKDOWN FOR 328G SERIES
8. LOWER-GUIDE ASSEMBLIES
9. UPPER-GUIDE ASSEMBLIES
10. BEZEL ASSEMBLIES



2.1 Introduction

This chapter provides the parts breakdown of the subassemblies for Falcon's family of currency validators, known as Models G3V, FL-4, and FL-6.



Note: Units that use ROHS-compliant parts have a (G) designation assigned after the last digit in the part number; for example, 328GXXXXXXXX(G).

The top assembly part numbers assigned to Falcon are identified as follows:

- For Model G3V: 325G and 327G series
- For Models FL-4 and FL-6: 328G series

To obtain the part number assigned to your unit, refer to the Part Number Label (see **Figure 2-1**).

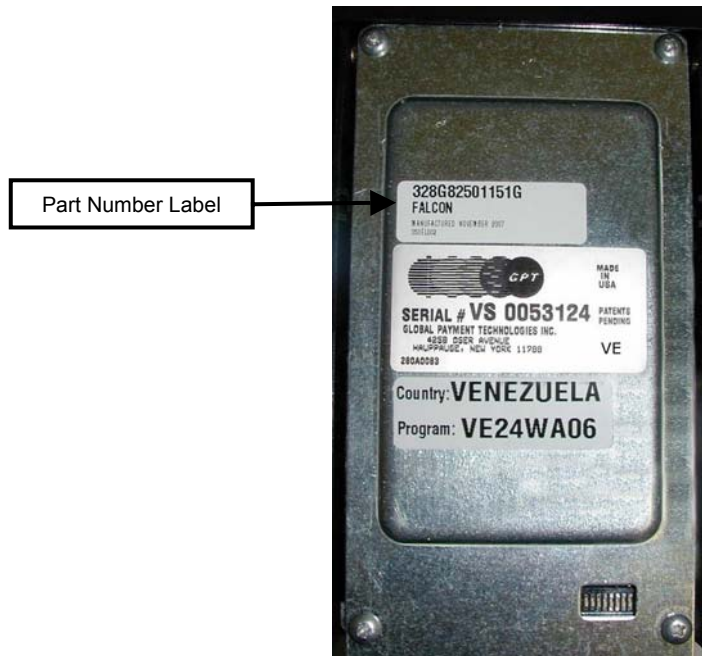


Figure 2-1. Currency Validator Part Number Label – Typical

2.2 Family Tree for Falcon Model G3V, 325G Series

This section identifies the top assembly part numbers assigned to Falcon's Model G3V, 325G series of Currency Validators. For the parts breakdown of the major assemblies and their components, refer to the applicable sections listed below.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>
<u>325GXXXXXXXXG</u>	Falcon Model G3V – Top Assembly (Section 2.5)
— <u>325D0006-01 through 325D0006-06</u>	Lower-Guide Assembly (Section 2.8)
— <u>325D0007-01 through 325D0007-06</u>	Lower-Guide Optics Assembly (Section 2.8.1)
— 325D0001-01, -02.....	Regulator Assembly (Section 2.8.3)
— 325D0009-01.....	Lower-Guide Housing Assembly (Section 2.8.4)
— <u>325D0003-01</u>	Upper-Guide Assembly (Section 2.9)
— 325D0010-01.....	Upper-Guide Housing Assembly (Section 2.9.3)
— 325D0004-01.....	Upper-Guide Optics Assembly (Section 2.9.4)
— 325D0008-01.....	Falcon G3V Bezel Assembly (Section 2.10.1)

2.3 Family Tree for Falcon Model G3V, 327G Series

This section identifies the top assembly part numbers assigned to Falcon's Model G3V, 327G series of Currency Validators. For the parts breakdown of the major assemblies and their components, refer to the applicable sections listed below.

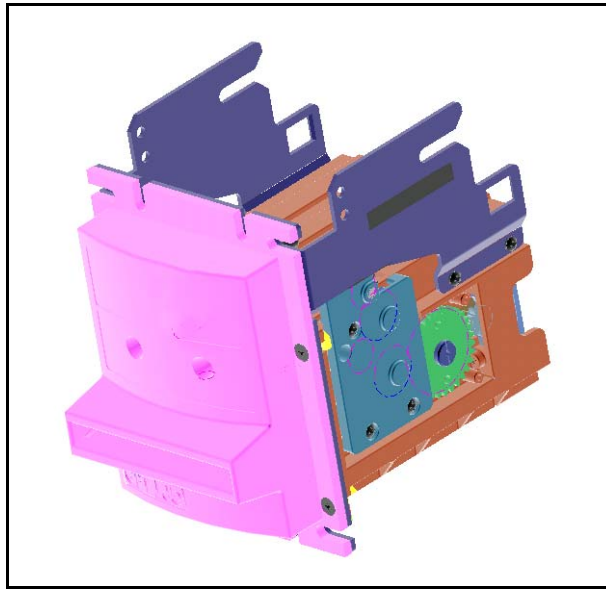
<u>PART NUMBER</u>	<u>DESCRIPTION</u>
<u>327GXXXXXXXXG</u>	Falcon Model G3V – Top Assembly (Section 2.6)
— <u>325D0006-07 through 325D0006-12</u>	Lower-Guide Assembly (Section 2.8)
— <u>325D0007-07 through 325D0007-12</u>	Lower-Guide Optics Assembly (Section 2.8.2)
— 325D0001-03, -04	Regulator Assembly (Section 2.8.3)
— 325D0009-02	Lower-Guide Housing Assembly (Section 2.8.4)
— <u>325D0003-03</u>	Upper-Guide Assembly (Section 2.9)
— 325D0010-01	Upper-Guide Housing Assembly (Section 2.9.3)
— 325D0004-01	Upper-Guide Optics Assembly (Section 2.9.4)
— 325D0008-01	Falcon G3V Bezel Assembly (Section 2.10.1)

2.4 Family Tree for Falcon Models FL4/FL6, 328G Series

This section identifies the top assembly part numbers assigned to Falcon Models FL-4 and FL-6, 328G series of Currency Validators. For the parts breakdown of the major assemblies and their components, refer to the applicable sections listed below.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>
328GXXXXXXXXG.....	Falcon FL-4/FL-6 Unit – Top Assembly (Section 2.7)
325D0006-07 through 325D0006-12.....	Lower-Guide Assembly (Section 2.8)
325D0007-07 through 325D0007-12.....	Lower-Guide Optics Assembly (Section 2.8.2)
325D0001-03, 325D0001-04.....	Regulator Assembly (Section 2.8.3)
325D0009-02.....	Lower-Guide Housing Assembly (Section 2.8.4)
325D0003-04.....	Upper-Guide Assembly (Section 2.9)
325D0010-02.....	Upper-Guide Housing Assembly (Section 2.9.3)
325D0004-01.....	Upper-Guide Optics Assembly (Section 2.9.4)
351D0012-1.....	FL-4 Bezel Assembly (Section 2.10.2)
355D0017.....	FL-6 Extension Cole Bezel Assembly (Section 2.10.3)
355D0018.....	FL-6 IDS Bezel Assembly (Section 2.10.4)

2.5 Falcon Model G3V – Top Assembly Parts Breakdown for 325G Series



Note: For identification of parts used on 325G series, refer to Table 2-1.

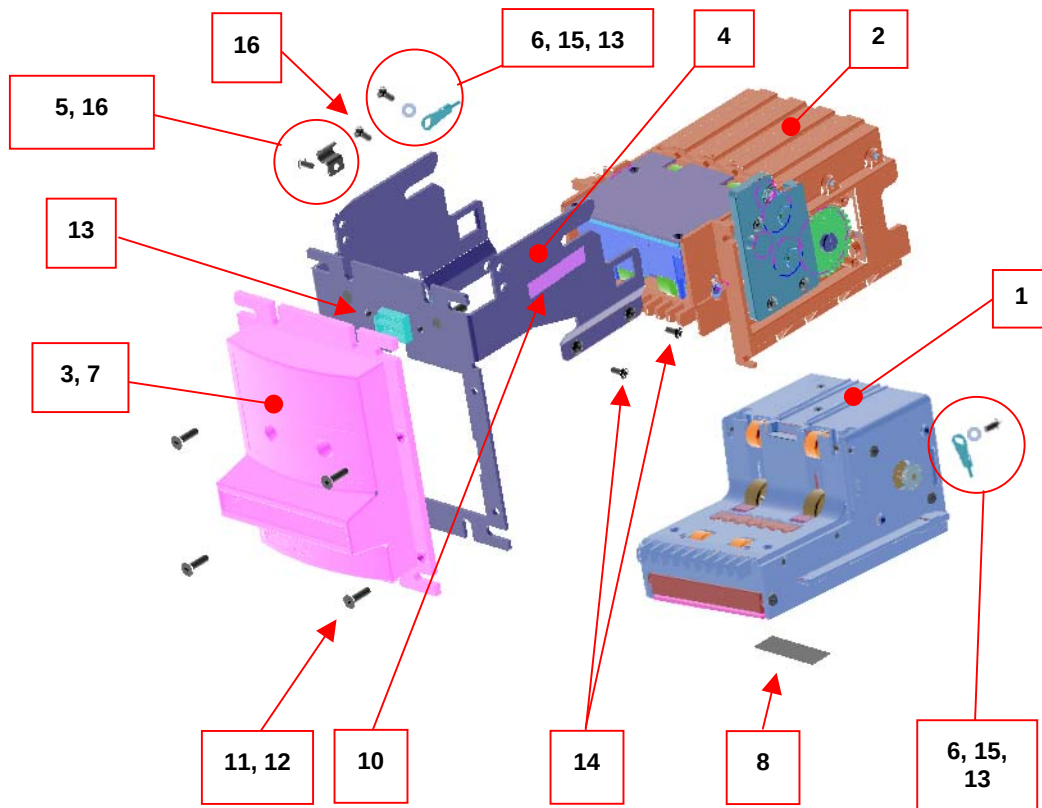
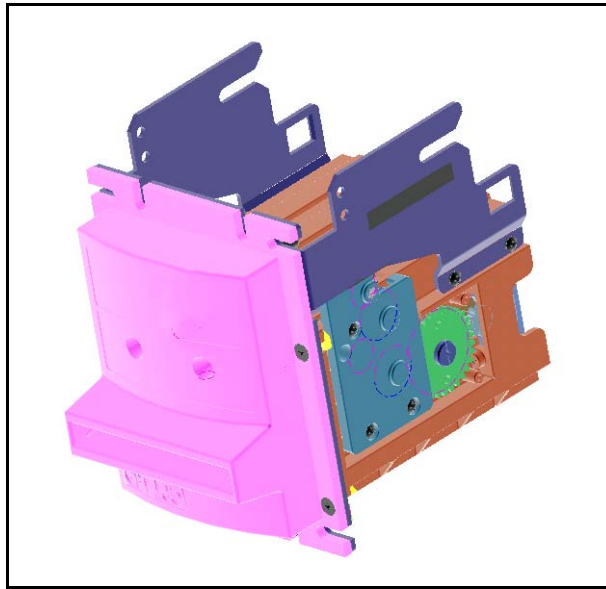


Table 2-1. Falcon Model G3V – Top Assembly Parts List for 325G Series

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0006-01, or	24-Volt Lower-Guide Assembly, no bar code reader (BCR); this item is used on PN 325G1XXXXXXG (where, X can be any digit from 1 to 9).	1
	325D0006-02, or	12-Volt Lower-Guide Assembly, no BCR; this item is used on PN 325G2XXXXXXG.	1
	325D0006-03, or	24-Volt Lower-Guide Assembly with BCR; this item is used on PN 325G7XXXXXXG.	1
	325D0006-04, or	12-Volt Lower-Guide Assembly with BCR; this item is used on PN 325G8XXXXXXG.	1
	325D0006-05, or	24-Volt Lower-Guide Assembly, no BCR, sleep activated; this item is used on PN 325GAXXXXXXXG.	1
	325D0006-06	12-Volt Lower-Guide Assembly, no BCR, sleep activated; this item is used on PN 325GBXXXXXXG.	1
2	325D0003-01	Assembly, Upper-Guide Falcon G3V, LF	1
3	325D0008-01	Assembly, Bezel, Falcon; this item is used on PN 325GXXX1XXXXG.	1
4	350C0294	Bracket Assembly, Support Validator/Stacker	1
5	350B0276	Clamp, Cable	1
6	300B0508	Lanyard, Plastic, 6-inches, LF	1
7	350C0270	Label, Graphics Bezel; this item is used on PN 325GXXX1XXXXG.	1
8	350EL008, or	Label, Part Number, 12 V	1
	350EL002	Label, Part Number, 24 V	1
9	300EL037G, or	Label, Compliance, 12 V, LF (not shown)	1
	300EL014G	Label, Compliance, 24 V, LF (not shown)	1
10	325EL002G	Label, Power Disconnect Warning	1
11	352-0632-0138	Screw, PFH, 100° (#6-32 x 1/2-inch), LF; this item is used on PN 325GXXX1XXXXG.	4
12	306-0001-0632	Nut, Hex, KEPS #6-32, Steel, LF; this item is used on PN 325GXXX1XXXXG.	4
13	352-0440-0168	Screw, Truss-Head (#4-40 x 3/16-inch), LF	4
14	352-4250-0117	Screw, SEMS, PPH (#4-40 x 1/4-inch), LF	5
15	390-0632-0001	Washer, Flat, #6, Steel, LF	2
16	352-0440-0157	Screw, SEMS, PPH (#4-40 x 5/16-inch), LF	2
17	325D0012	Bracket, Lanyard (not shown)	1

2.6 Falcon Model G3V – Top Assembly Parts Breakdown for 327G Series



Note: For identification of parts used on 327G series, refer to Table 2-2.

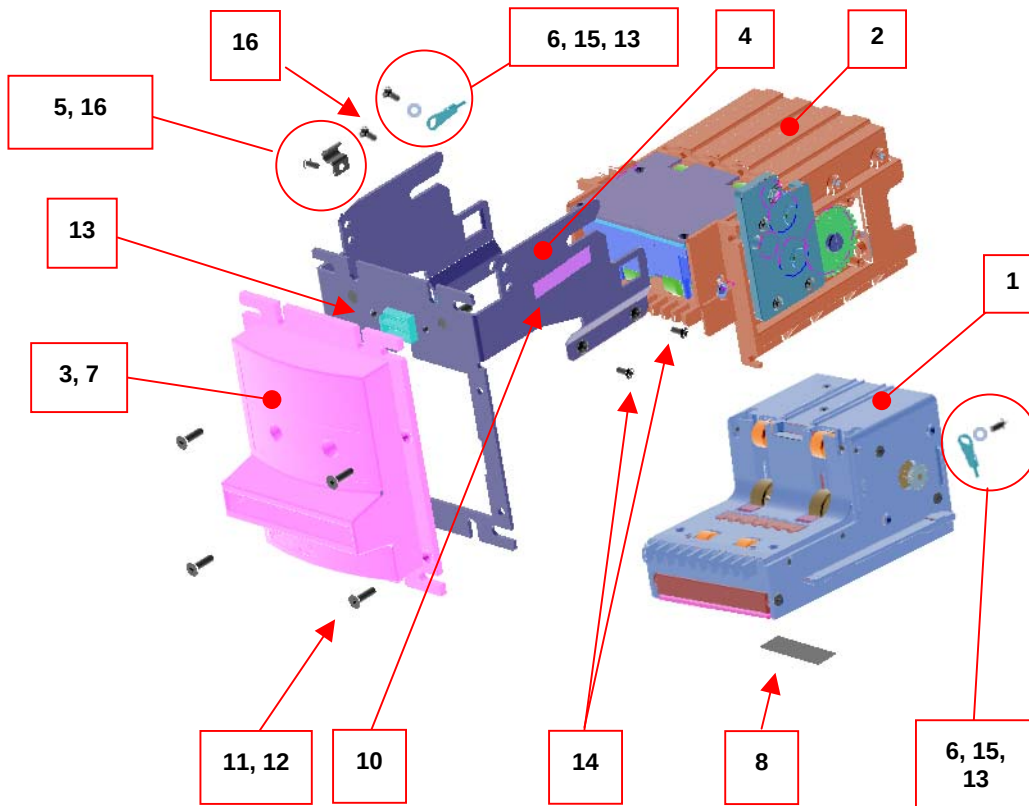
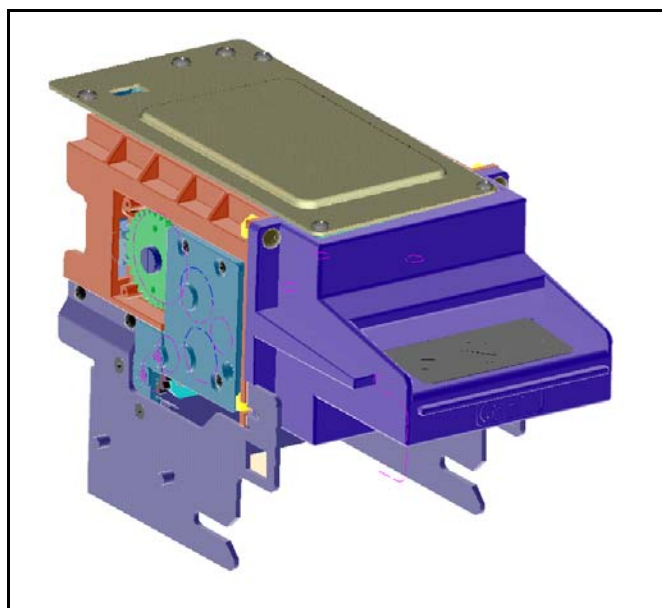


Table 2-2. Falcon Model G3V – Top Assembly Parts List for 327G Series

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0006-07, or	24-Volt Lower-Guide Assembly, no Bar Code Reader (BCR); this item is used on PN 327G1XXXXXXXXG (where, X can be any digit from 1 to 9).	1
	325D0006-08, or	12-Volt Lower-Guide Assembly, no BCR; this item is used on PN 327G2XXXXXXXXG.	1
	325D0006-09, or	24-Volt Lower-Guide Assembly with BCR; this item is used on PN 327G7XXXXXXXXG.	1
	325D0006-10, or	12-Volt Lower-Guide Assembly with BCR; this item is used on PN 327G8XXXXXXXXG.	1
	325D0006-11, or	24-Volt Lower-Guide Assembly, no BCR, sleep activated; this item is used on PN 327GAXXXXXXXXXG.	1
	325D0006-12	12-Volt Lower-Guide Assembly, no BCR, sleep activated; this item is used on PN 327GBXXXXXXXXG.	1
2	325D0003-03	Assembly, Upper-Guide Falcon G3V, LF; this item is used on PN 327GXXXXXXXXXG.	1
3	325D0008-01	Assembly, Bezel, Falcon; this item is used on PN 327GXXX1XXXXG.	1
4	350C0294	Bracket Assembly, Support Validator/Stacker	1
5	350B0276	Clamp, Cable	1
6	300B0508	Lanyard, Plastic, 6-inches, LF	1
7	350C0270	Label, Graphics Bezel; this item is used on PN 327GXXX1XXXXG.	1
8	350EL008, or	Label, Part Number, 12 V	1
	350EL002	Label, Part Number, 24 V	1
9	300EL037G, or	Label, Compliance, 12 V, LF (not shown)	1
	300EL014G	Label, Compliance, 24 V, LF (not shown)	1
10	325EL002G	Label, Power Disconnect Warning	1
11	352-0632-0138	Screw, PFH, 100° (#6-32 x 1/2-inch), LF; this item is used on PN 327GXXX1XXXXG.	4
12	306-0001-0632	Nut, Hex, KEPS #6-32, Steel, LF; this item is used on PN 327GXXX1XXXXG.	4
13	352-0440-0168	Screw, Truss-Head (#4-40 x 3/16-inch), LF	2
14	352-4250-0117	Screw, SEMS, PPH (#4-40 x 1/4-inch), LF	5
15	390-0632-0001	Washer, Flat, #6, Steel, LF	2
16	352-0440-0157	Screw, SEMS, PPH (#4-40 x 5/16-inch), LF	1
17	351A0058	Shield, EMI, LF (not shown)	1
18	325D0012	Bracket, Lanyard, Falcon, LF (not shown)	1

2.7 Falcon Models FL-4 & FL-6 – Top Assembly Parts Breakdown for 328G Series



Note: For identification of parts used on 328G series, refer to Table 2-3.

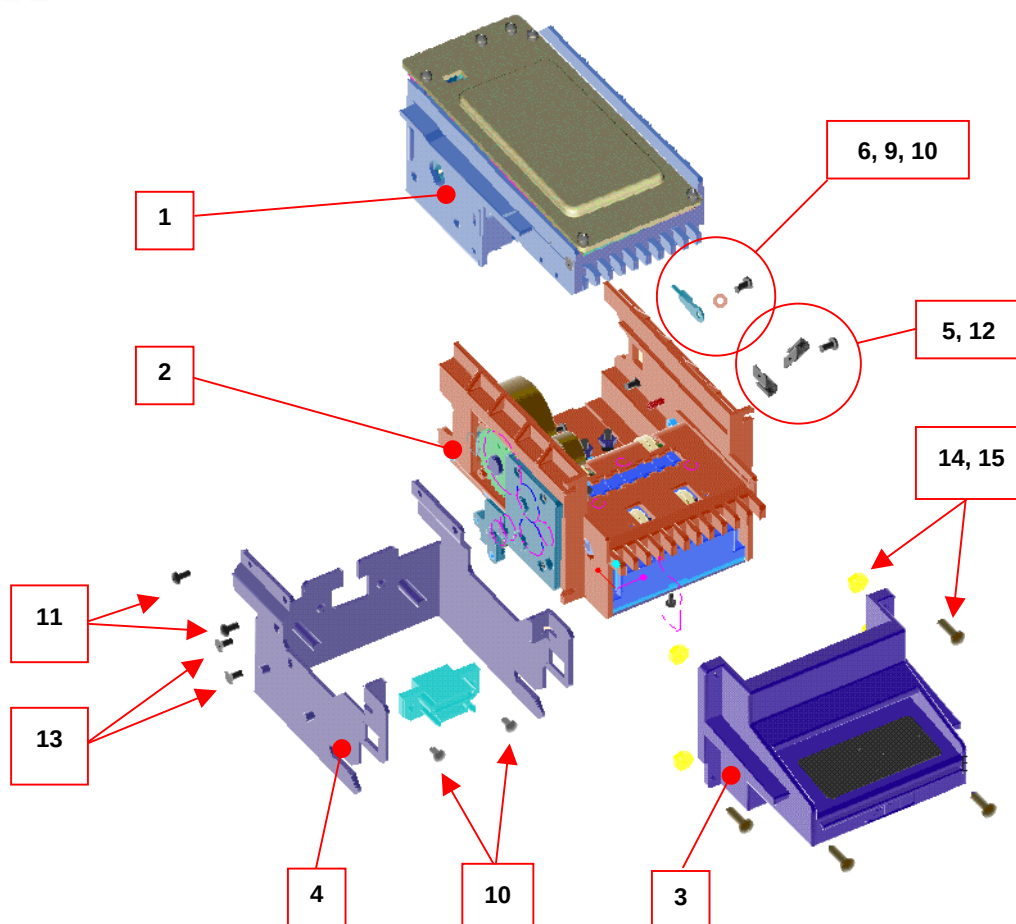
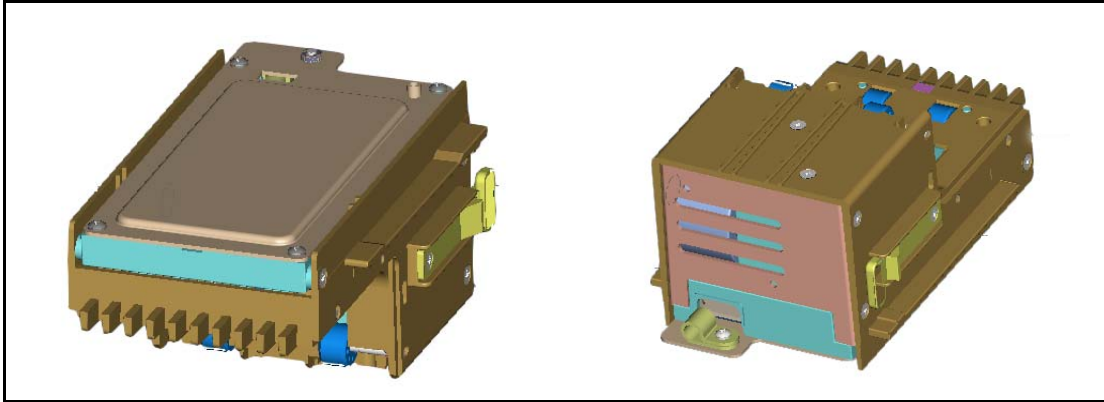


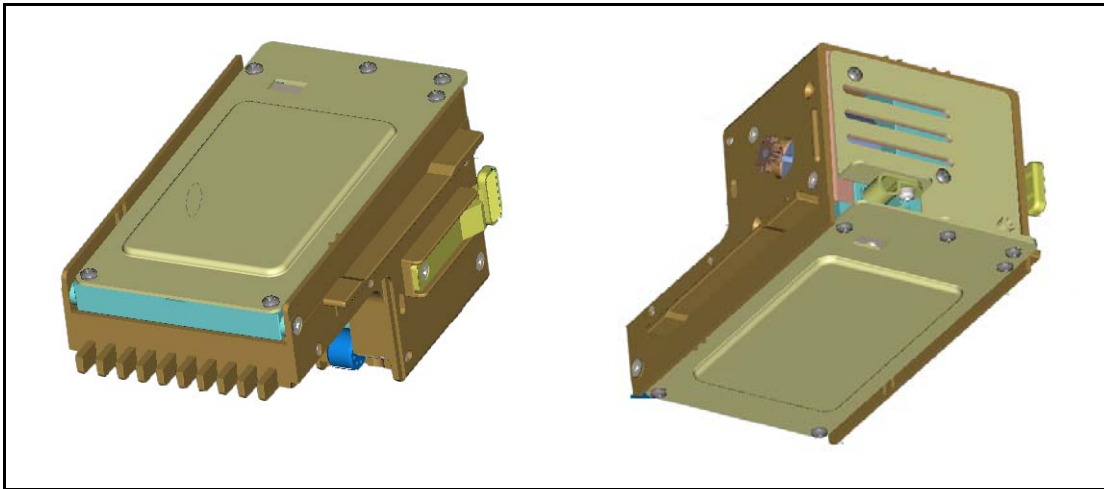
Table 2-3. Falcon Models FL-4 & FL-6 – Top Assembly Parts List for 328G Series

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0006-07, or	24-Volt Lower-Guide Assembly; this item is used on PN 328G1XXXXXXXXXG (where X can be any digit from 1 to 9).	1
	325D0006-08, or	12-Volt Lower-Guide Assembly; this item is used on PN 328G2XXXXXXXXXG.	1
	325D0006-09, or	24-Volt Lower-Guide Assembly with Bar Code Reader (BCR); this item is used on PN 328G7XXXXXXXXXG.	1
	325D0006-10, or	12-Volt Lower-Guide Assembly with BCR; this item is used on PN 328G8XXXXXXXXXG.	1
	325D0006-11, or	24-Volt Lower-Guide Assembly, no BCR, sleep activated; this item is used on PN 328GAXXXXXXXXXXG.	1
	325D0006-12	12-Volt Lower-Guide Assembly, no BCR, sleep activated; this item is used on PN 328GBXXXXXXXXXG.	1
2	325D0003-04	Assembly, Upper-Guide Falcon FL4/FL6, LF	1
3	351D0012-1, or	Bezel Assembly, Model FL4, LF; this item is used on PN 328GXXX01XXXG.	1
	355D0017, or	Bezel Assembly, FL-6 Extension Cole; this item is used on PN 328GXXX04XXXG.	1
	355D0018	Bezel Assembly, FL-6 Extension IDS; this item is used on PN 328GXXX05XXXG.	1
4	351D0004, or	Support Bracket Assembly, FL4; this item is used on PN 328GXXXXXXXX51G.	1
	355D0008	Support Bracket Assembly, FL6; this item is used on PNs 328GXXXXXXXX52G and 328GXXXXXXXX53G.	1
5	350B0276	Clamp, Cable	2
6	300B0508	Lanyard, Plastic, 6-inches, LF	1
7	350EL008, or	Label, Part Number, 12 V (not shown)	1
	350EL002	Label, Part Number, 24 V (not shown)	1
8	300EL037G, or	Label, Compliance, 12 V, LF (not shown)	1
	300EL014G	Label, Compliance, 24 V, LF (not shown)	1
9	390-0632-0001	Washer, Flat, #6, Steel, LF	2
10	352-0440-0168	Screw, Truss-Head (#4-40 x 3/16-inch), LF	3
11	352-4250-0117	Screw, SEMS, PPH (#4-40 x 1/4-inch), LF	5
12	352-0440-0157	Screw, SEMS, PPH (#4-40 x 5/16-inch), LF	1
13	352-8250-0135	Screw, Phillips Flat-Head (#4-40 x 1/4-inch), LF	2
14	352-0632-0146	Screw, Phillips Pan-Head (#6-32 x 1/2-inch)	4
15	306-0001-0632	Nut, Hex, KEPS #6-32, Steel, LF	4
16	325D0012	Bracket, Lanyard (not shown)	1

2.8 Lower-Guide Assembly Parts Breakdown, PNs 325D0006-01 through 325D0006-12



*Lower-Guide Assembly, PNs 325D0006-01 through -06
(Used on 325G Series)*



*Lower-Guide Assembly, PNs 325D0006-07 through -12
(Used on 327G and 328G Series)*



Note: For identification of parts used on 325G series, refer to Table 2-4; for identification of parts used on 327G and 328G series, refer to Table 2-5.

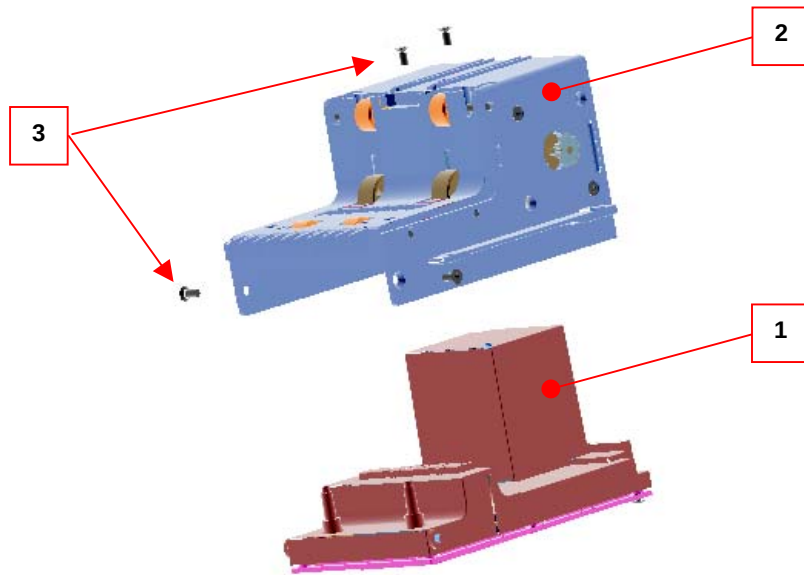


Table 2-4. Lower-Guide Assembly Parts List for 325G Series, PNs 325D0006-01 through 325D0006-06

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0007-01, or	Assembly, Lower-Guide Optics, 24-Volt, no Bar Code Reader (BCR), LF; this item is used on PN 325D0006-01. Note: For parts breakdown, refer to Section 2.8.1 .	1
	325D0007-02, or	Assembly, Lower-Guide Optics, 12-Volt, no BCR, LF; this item is used on PN 325D0006-02. Note: For parts breakdown, refer to Section 2.8.1 .	1
	325D0007-03, or	Assembly, Lower-Guide Optics, 24-Volt, with BCR, LF; this item is used on PN 325D0006-03. Note: For parts breakdown, refer to Section 2.8.1 .	1
	325D0007-04, or	Assembly, Lower-Guide Optics, 12-Volt, with BCR, LF; this item is used on PN 325D0006-04. Note: For parts breakdown, refer to Section 2.8.1 .	1
	325D0007-05, or	Assembly, Lower-Guide Optics, 24-Volt, no BCR, LF, sleep activated; this item is used on PN 325D0006-05. Note: For parts breakdown, refer to Section 2.8.1 .	1
	325D0007-06	Assembly, Lower-Guide Optics, 12-Volt, no BCR, LF, sleep activated; this item is used on PN 325D0006-06. Note: For parts breakdown, refer to Section 2.8.1 .	1
2	325D0009-01	Assembly, Lower-Guide Housing, Falcon Note: For parts breakdown, refer to Section 2.8.4 .	1
3	352-8250-0135	Screw, Phillips Flat-Head 100° (#4-40 x 1/4-inch), LF	4

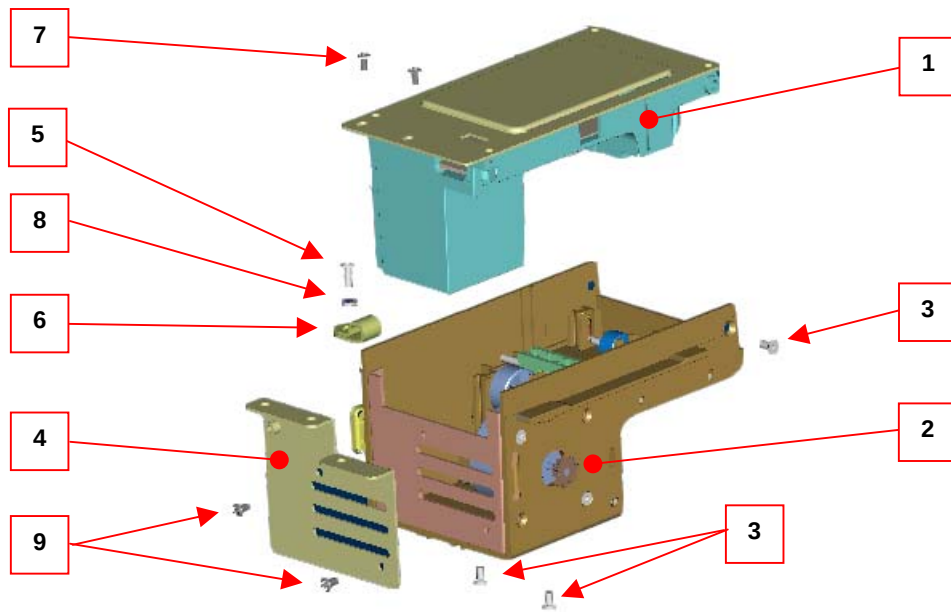


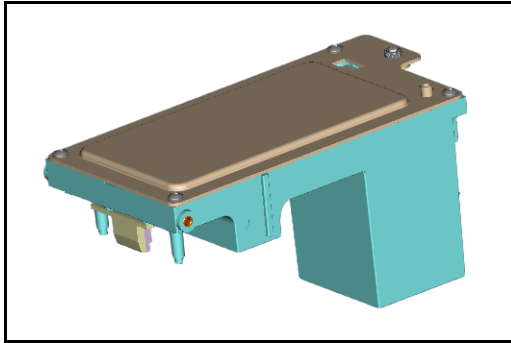
Table 2-5. Lower-Guide Assembly Parts List for 327G/328G Series, PNs 325D0006-07 through 325D0006-12

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0007-07, or	Assembly, Lower-Guide Optics, 24-Volt, no Bar Code Reader (BCR), New, LF; this item is used on PN 325D0006-07.	1
		Note: For parts breakdown, refer to Section 2.8.2 .	
	325D0007-08, or	Assembly, Lower-Guide Optics, 12-Volt, no BCR, New, LF; this item is used on PN 325D0006-08.	1
		Note: For parts breakdown, refer to Section 2.8.2 .	
	325D0007-09, or	Assembly, Lower-Guide Optics, 24-Volt, with BCR, New, LF; this item is used on PN 325D0006-09.	1
		Note: For parts breakdown, refer to Section 2.8.2 .	
	325D0007-10, or	Assembly, Lower-Guide Optics, 12-Volt, with BCR, New, LF; this item is used on PN 325D0006-10.	1
		Note: For parts breakdown, refer to Section 2.8.2 .	
	325D0007-11, or	Assembly, Lower-Guide Optics, 24-Volt, no BCR, sleep activated, New, LF; this item is used on PN 325D0006-11.	1
		Note: For parts breakdown, refer to Section 2.8.2 .	
	325D0007-12	Assembly, Lower-Guide Optics, 12-Volt, no BCR, sleep activated, New, LF; this item is used on PN 325D0006-12.	1
		Note: For parts breakdown, refer to Section 2.8.2 .	

Table 2-5. Lower-Guide Assembly Parts List for 327G/328G Series, PNs 325D0006-07 through 325D0006-12

ITEM	PART NUMBER	DESCRIPTION	QTY
2	325D0009-02	Assembly, Lower-Guide Housing, Falcon, New Note: For parts breakdown, refer to Section 2.8.4 .	1
3	352-8250-0135	Screw, Phillips Flat-Head 100° (#4-40 x 1/4-inch), LF	4
4	351C0056	Bracket, Cover, Falcon, 327G, 328G, LF	1
5	352-0440-0157	Screw, PPH SEMS (#4-40 x 5/16-inch), LF	1
6	300A0725	Clamp, Cable, Single Mount	1
7	352-0440-0168	Screw, Truss-Head (#4-40 x 3/16-inch), LF	2
8	351A0055	Washer, Flat, 0.125 x 0.312 x 0.032-inch, SS, LF	1
9	352-4187-0116	Screw, PPH SEMS (#4-40 x 3/16-inch), LF	2

2.8.1 Lower-Guide Optics Assembly Parts Breakdown for 325G Series, PNs 325D0007-01 through 325D0007-06



Note: For identification of parts, refer to Table 2-6.

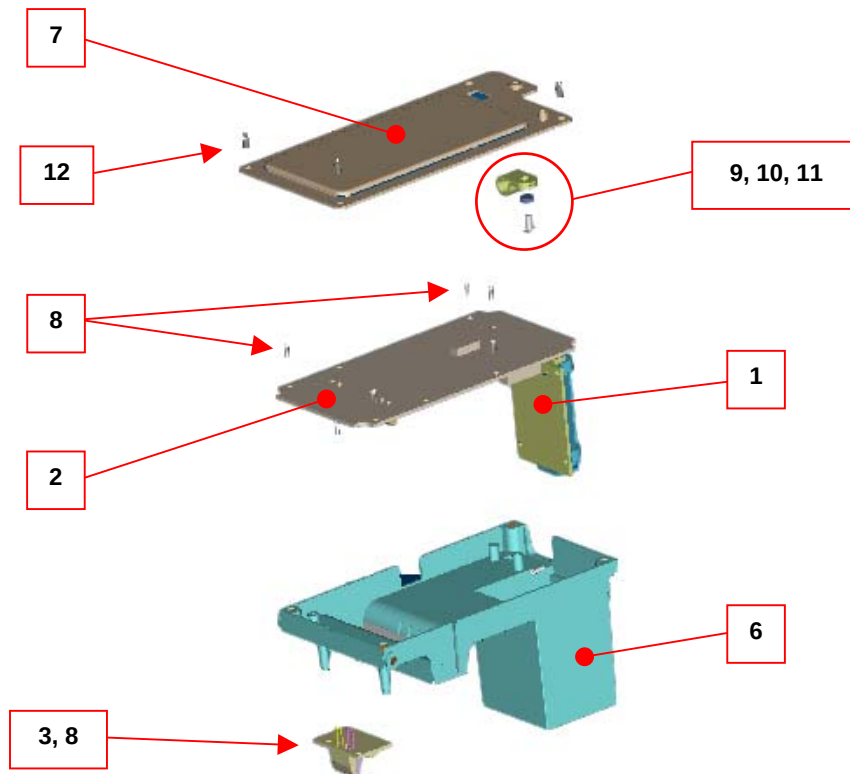
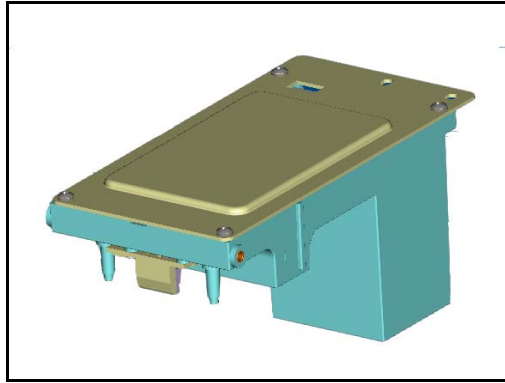


Table 2-6. Lower-Guide Optics Assembly Parts List for 325G Series, PNs 325D0007-01 through 325D0007-06

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0001-01, or	Regulator Assembly, 24-Volt Power Supply; this item is used on PNs 325D0007-01, 325D0007-03, and 325D0007-05. Note: For parts breakdown, refer to Section 2.8.3 .	1
	325D0001-02	Regulator Assembly, 12-Volt Power Supply; this item is used on PNs 325D0007-02, 325D0007-04, and 325D0007-06. Note: For parts breakdown, refer to Section 2.8.3 .	1
2	325D0002-01, or	Assembly, Main, G3V Falcon, LF; this item is used on PNs 325D0007-01 through 325D0007-04.	1
	325D0002-02	Assembly, Main, G3V Falcon, Sleep Activated, LF; this item is used on PNs 325D0007-05 and 325D0007-06. The parts breakdown for Item 2 includes:	1
2a	325EA001G-01, or	Main PCB Assembly; this item is used on PN 325D0002-01.	1
	325EA001G-02	Main PCB Assembly, Sleep Activated; this item is used on PN 325D0002-02.	1
2b	350C0231	Reflective Array Shroud Assembly	1
2c	352-2N25-0178	Screw, PHF, self-tapping (#2 x 1/4-inch), LF	2
3	325EA007G-01	Bar Code Reader PCB Assembly; this item is used on PNs 325D0007-03 and 325D0007-04.	1
4	325EC003G, or	Cable Assembly, Main, Falcon, 24V, LF (not shown); this item is used on PNs 325D0007-01, 325D0007-03, and 325D0007-05.	1
	325EC010G	Cable Assembly, Main, Falcon, 12V, LF (not shown); this item is used on PNs 325D0007-02, 325D0007-04, and 325D0007-06.	1
5	325EC006G	Cable Assembly, Flat-Flex, 4-inch (not shown); this item is used on PNs 325D0007-03 and 325D0007-04.	1
6	325D0011-01	Assembly, Lower-Guide Optics Inseparable Housing with Shield, Falcon	1
7	351C0017-02	Cover, Lower-Guide, Falcon	1
8	351A0024	Screw, Thread, M2 (2-mm x 5-mm), Type H, LF Note: Item 8 secures Item 3 to Item 6.	5 or 6
9	352-0440-0157	Screw, PPH, SEMS (#4-40 x 5/16-inch), LF	1
10	351A0055	Washer, Flat, 0.125 x 0.312 x 0.032-inch, SS, LF	1
11	300A0725	Clamp, Cable, Single Mount	1
12	352-0440-0168	Screw, Truss-Head (#4-40 x 3/16-inch), LF	4

2.8.2 Lower-Guide Optics Assembly Parts Breakdown for 327G/328G Series, PNs 325D0007-07 through 325D0007-12



Note: For identification of parts, refer to Table 2-7.

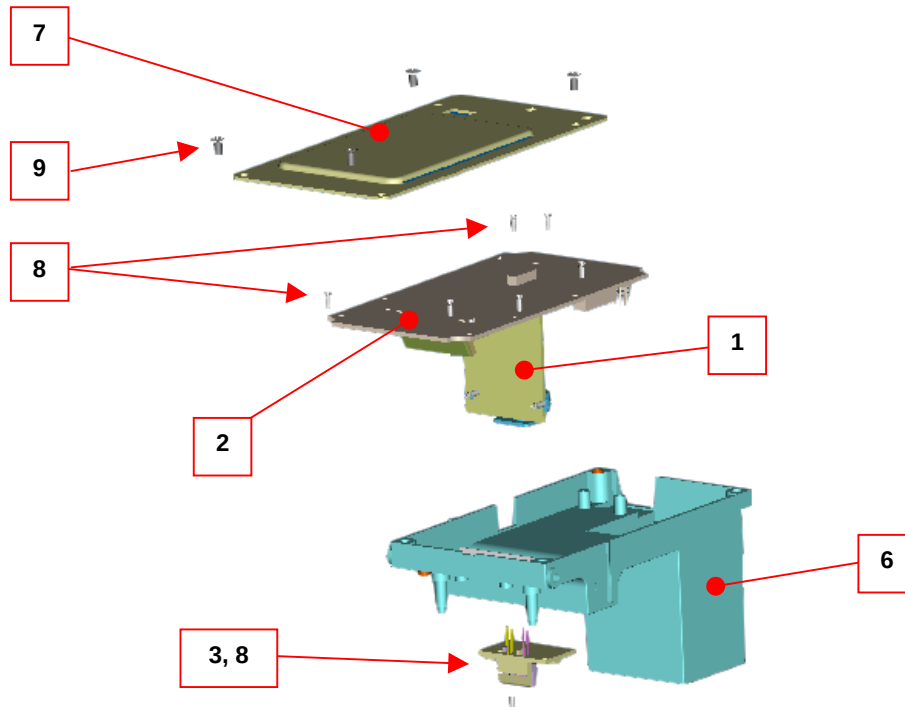
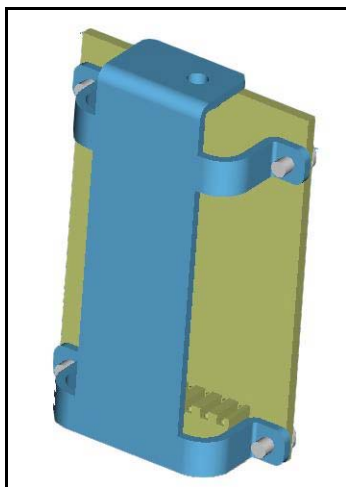


Table 2-7. Lower-Guide Optics Assembly Parts List for 327G/328G Series, PNs 325D0007-07 through 325D0007-12

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0001-03, or	Regulator Assembly, 24-Volt Power Supply, New; this item is used on PNs 325D0007-07, 325D0007-09, and 325D0007-11. Note: For parts breakdown, refer to Section 2.8.3 .	1
	325D0001-04	Regulator Assembly, 12-Volt Power Supply, New; this item is used on PNs 325D0007-08, 325D0007-10, and 325D0007-12. Note: For parts breakdown, refer to Section 2.8.3 .	1
2	325D0002-01, or	Assembly, Main, G3V Falcon, LF; this item is used on PNs 325D0007-07 through 325D0007-10.	1
	325D0002-02	Assembly, Main, G3V Falcon, Sleep Activated, LF; this item is used on PNs 325D0007-11 and 325D0007-12. The parts breakdown for Item 2 includes:	1
2a	325EA001G-01, or	Main PCB Assembly, Falcon; this item is used on PN 325D0002-01.	1
	325EA001G-02	Main PCB Assembly, Sleep Activated, Falcon; this item is used on PN 325D0002-02.	1
2b	350C0231	Reflective Array Shroud Assembly	1
2c	352-2N25-0178	Screw, PHF, self-tapping (#2 x 1/4-inch), LF	2
3	325EA007G-01	Bar Code Reader PCB Assembly; this item is used on PNs 325D0007-09 and 325D0007-10.	1
4	325EC003G, or	Cable Assembly, Main, Falcon, 24V, LF (not shown); this item is used on PNs 325D0007-07, 325D0007-09, and 325D0007-11.	1
	325EC010G	Cable Assembly, Main, Falcon, 12V, LF (not shown); this item is used on PNs 325D0007-08, 325D0007-10, and 325D0007-12.	1
5	325EC006G	Cable Assembly, Flat-Flex, 4-inch (not shown); this item is used on PNs 325D0007-09 and 325D0007-10.	1
6	325D0011-01	Assembly, Lower-Guide Optics Inseparable Housing with Shield, Falcon	1
7	351C0023-02	Cover, Lower-Guide, Falcon	1
8	351A0024	Screw, Thread, M2 (2-mm x 5-mm), Type H, LF Note: Item 8 secures Item 3 to Item 6.	5 or 6
9	352-0440-0168	Screw, Truss-Head (#4-40 x 3/16-inch), LF	4

2.8.3 Regulator Assembly Parts Breakdown, PNs 325D0001-01 through 325D0001-04



Note: For identification of parts, refer to Table 2-8.

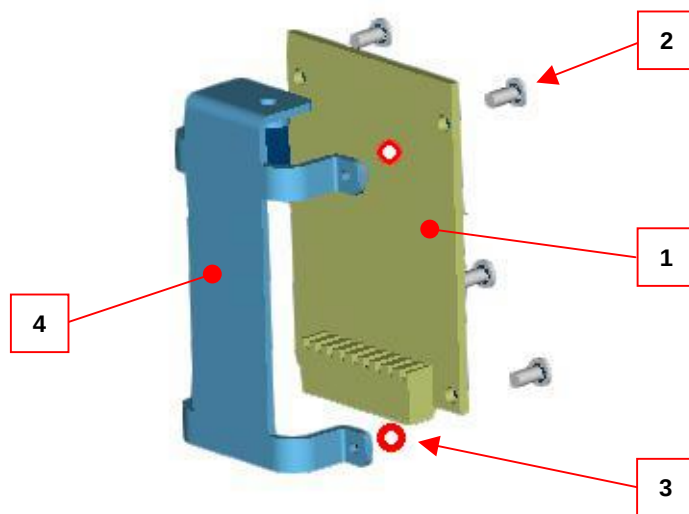
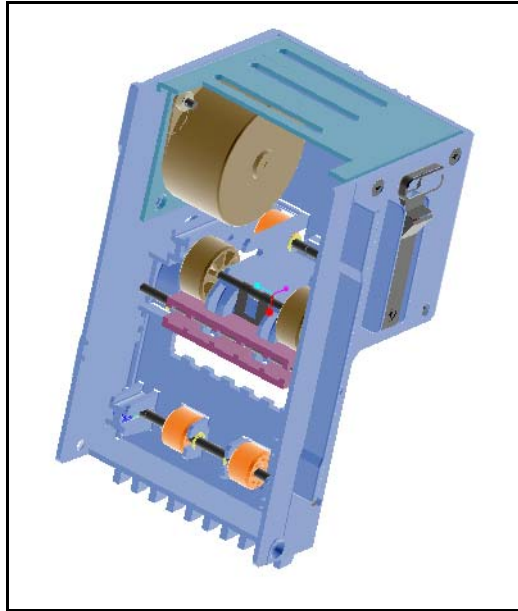


Table 2-8. Regulator Assembly Parts List, PNs 325D0001-01 through 325D0001-04

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325EA004G-01, or	PCB Assembly, 24-Volt Power Supply Regulator, Lead Free (LF); this item is used on PN 325D0001-01; see Note 1 below.	1
	325EA005G-01, or	PCB Assembly, 12-Volt Power Supply Regulator, LF; this item is used on PN 325D0001-02; see Note 2 below.	1
	325EA010G-01, or	PCB Assembly, 24-Volt Power Supply Regulator, LF; this item is used on PN 325D0001-03; see Note 3 below.	1
	325EA006G-01	PCB Assembly, 12-Volt Power Supply Regulator, LF; this item is used on PN 325D0001-04; see Note 3 below.	1
2	350A0256	Screw, PPH (#2-56UNC-2AX19LG), LF	4
3	351A0054	Washer, Fiber (0.90 x 0.187 x 0.015-inch), LF	4, 1
Notes: - Four fiber washers are required for PCB Assembly, PN 325EA004G-01. - One fiber washer is required for PCB Assembly PN 325EA005G-01. - Fiber washers are not required for PCB Assemblies PNs 325EA010G-01 and 325EA006G-01.			
4	351C0018	Bracket, Power Supply	1

2.8.4 Lower-Guide Housing Assembly Parts Breakdown, PNs 325D0009-01 and 325D0009-02



Note: For identification of parts, refer to Table 2-9.

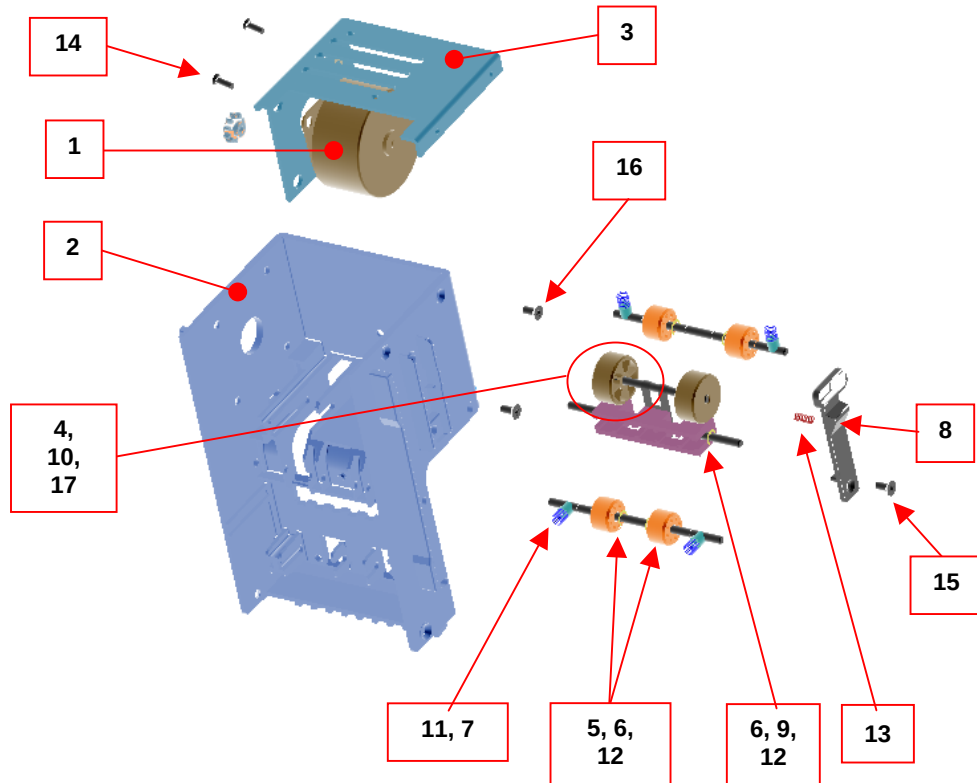


Table 2-9. Lower-Guide Housing Assembly Parts List, PNs 325D0009-01 and 325D0009-02

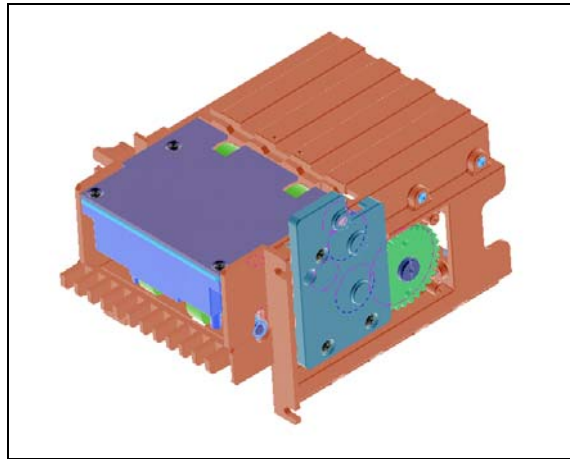
ITEM	PART NUMBER	DESCRIPTION	QTY
1	350C0113G	Assembly, Stepper Motor	1
2	350D0201-02	Assembly, Inseparable Lower-Guide Housing	1
3	350C0553, or	Bracket, Motor Fan, aluminum with finish; this item is used on PN 325D0009-01.	1
	350C0553-1	Bracket, Motor Fan, steel, no finish; this item is used on PN 325D0009-02.	1
4	350B0111	Idler Wheel	2
5	300B0232	Nylon Pressure Roller	4
6	350B0227	Idler Axle	3
7	350B0229	Plunger, Keeper	4
8	350C0238	Latch, Validator	1
9	350C0298	Housing, Shaft-Lock	1
10	350B0299	Idler Spring	1
11	350A0266	Idler Spring	4
12	324-0002-0002	Retaining Clip, 0.125-inch diameter, LF Note: This item fits 0.125-inch diameter axles.	6
13	350A0291	Spring, Compression	1
14	350A0293	Screw, Phillips Flat-head (#4-40 x 3/8-inch), LF	2
15	352-8250-0135	Screw, Phillips Flat-head 100° (#4-40 x 1/4-inch), LF	1
16	352-4187-0112	Screw, Phillips Flat-head 100° (#4-40 x 3/16-inch), LF	2
17	350B0112	Short Axle	1
18	330-4937-0007	Loctite™ #271, Thread Locking, red (not shown) Note: Apply Loctite to threads of Item 14.	A/R
19	TBS	Silicone Grease (not shown)	A/R

2.9 Upper-Guide Assemblies

The parts of the Upper-Guide Assemblies are:

- For Model G3V, refer to **Subsection 2.9.1.**
- For Models FL-4/FL-6, refer to **Subsection 2.9.2.**

2.9.1 Upper-Guide Assembly Parts Breakdown for G3V Units, PNs 325D0003-01 and 325D0003-03



Note: For identification of parts, refer to Table 2-10.

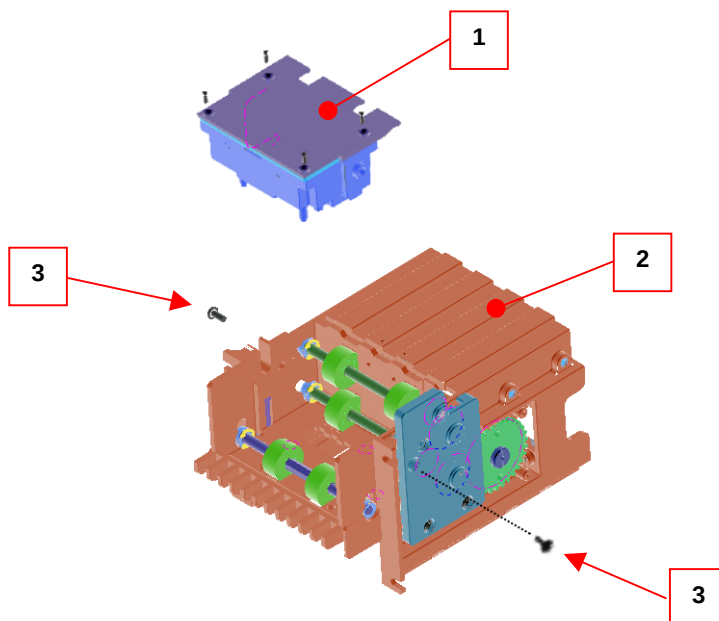
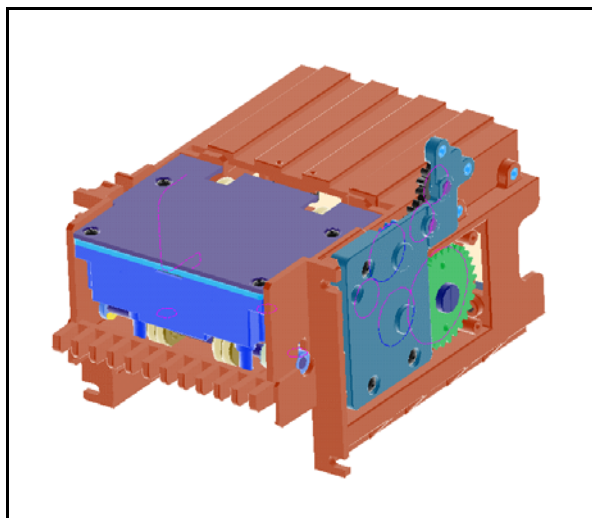


Table 2-10. Upper-Guide Assembly Parts List for G3V Units, PNs 325D0003-01 and 325D0003-03

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0004-01	Assembly, Upper-Guide Optics Note: For parts breakdown, refer to Section 2.9.4.	1
2	325D0010-01	Assembly, Upper-Guide Housing Note: For parts breakdown, refer to Section 2.9.3.	1
3	352-4250-0117	Screw, SEMS, PPH (#4-40 x 1/4-inch), LF	2
4	325EC002G, or	Assembly, Cable, Falcon, Lower-to-Upper Guide, LF (not shown); this item is used on PN 325D0003-01.	1
	325EC008G	Assembly, Cable, Falcon, Lower-to-Upper Guide, LF (not shown); this item is used on PN 325D0003-03.	1
5	350EC004G	Assembly, Cable, G3V SRC with Draw Connector, LF (not shown)	1
6	325EC005G	Assembly, Cable, G3V, Falcon, Simple Bezel (not shown)	REF

2.9.2 Upper-Guide Assembly Parts Breakdown for FL-4/FL-6 Units, PNs 325D0003-02 and 325D0003-04



Note: For identification of parts, refer to Table 2-11.

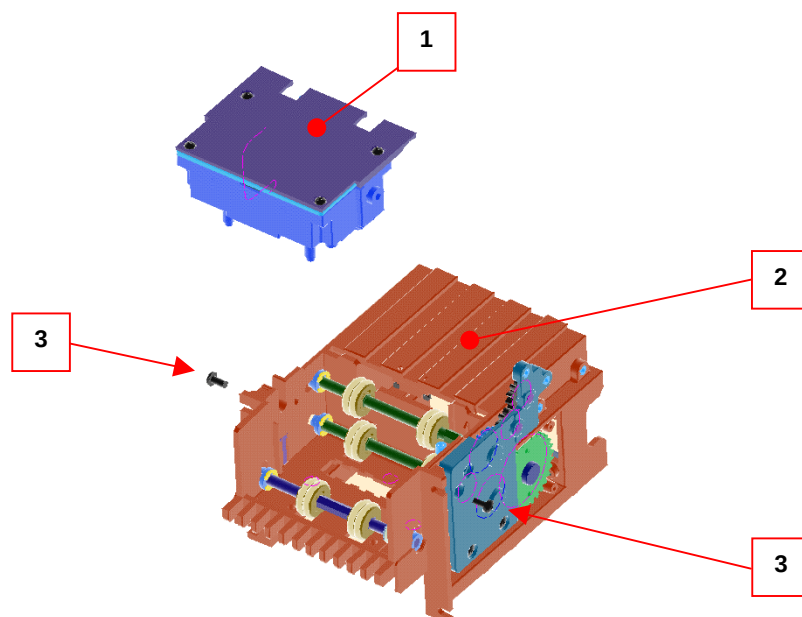
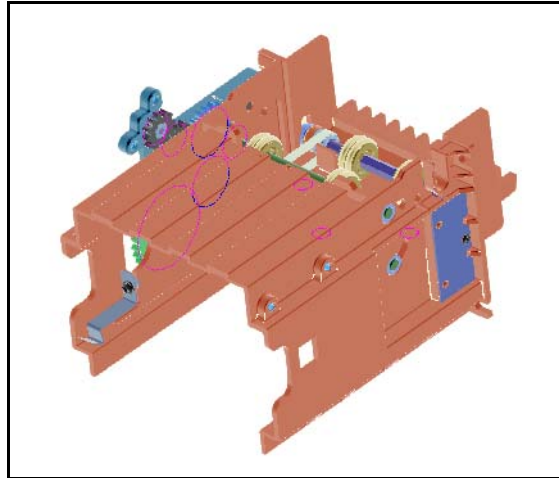


Table 2-11. Upper-Guide Assembly Parts List for FL-4/FL-6 Units, PNs 325D0003-02 and 325D0003-04

ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0004-01	Assembly, Upper-Guide Optics Note: For parts breakdown, refer to Section 2.9.4.	1
2	325D0010-02	Assembly, Upper-Guide Housing Note: For parts breakdown, refer to Section 2.9.3.	1
3	352-4250-0117	Screw, SEMS, PPH (#4-40 x 1/4-inch), Lead Free (LF)	2
4	325EC002G, or	Assembly, Cable, Falcon, Lower-to-Upper Guide, LF (not shown); this item is used on PN 325D0003-02.	1
	325EC008G	Assembly, Cable, Falcon, Lower-to-Upper Guide, LF (not shown); this item is used on PN 325D0003-04.	1
5	350EC021G	Assembly, Cable, SRC with Draw Connector, LF (not shown)	1
6	325EC004G	Assembly, Cable, FL4/FL6, Falcon, Animated Bezel, LF (not shown)	1

2.9.3 Upper-Guide Housing Assembly Parts Breakdown, PNs 325D0010-01 and 325D0010-02



Note: For identification of parts, refer to Table 2-12.

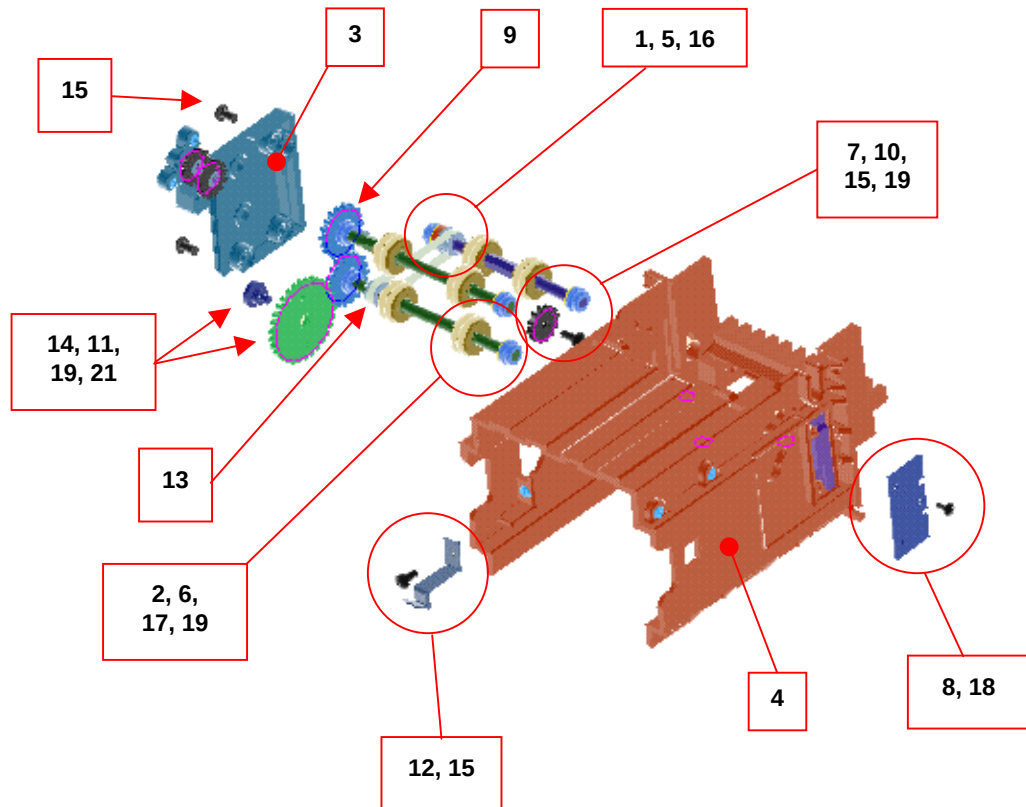
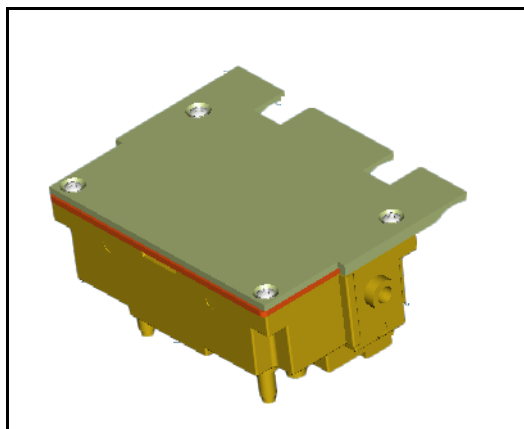


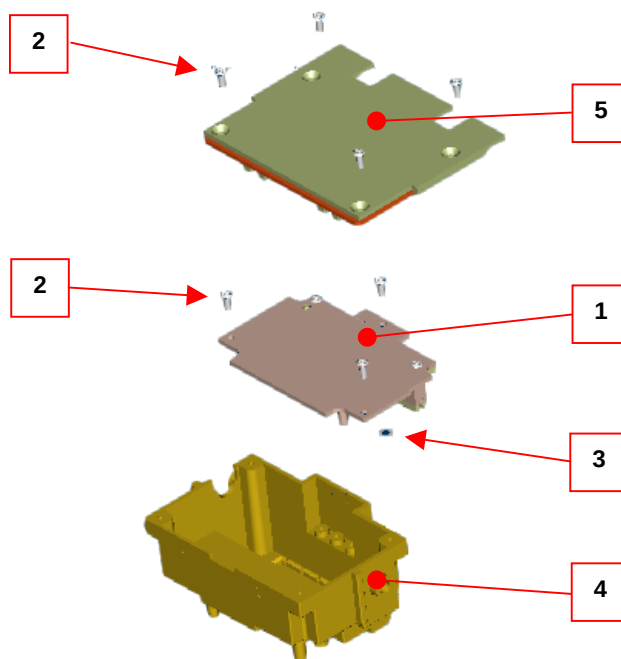
Table 2-12. Upper-Guide Housing Assembly Parts List, PNs 325D0010-01 and 325D0010-02

ITEM	PART NUMBER	DESCRIPTION	QTY
1	350B0250	Assembly, Front-Drive Axle, includes:	1
	350B0216	Front-Drive Axle	1
	350B0215	Drive Pulley	1
	350B0277	Drive Wheel Assembly, includes:	2
	350B0247	Drive Roller Base	1
	350A0552	O-Ring, 0.103Φ, neoprene	2
2	350B0251	Assembly, Gear-Drive Axle, includes:	2
	350B0214	Drive Axle	1
	350B0277	Drive Wheel Assembly, includes:	2
	350B0247	Drive Roller Base	1
	350A0552	O-Ring, 0.103Φ, neoprene	2
3	351D0003, or	Assembly, Gear Cover, FL-4/FL-6; this item is used on PN 325D0010-02.	1
	350D0248	Assembly, Gear Cover, G3V (not shown); this item is used on PN 325D0010-01.	1
4	350D0202-02	Assembly, Inseparable Upper-Guide, LF	1
5	350A0295	Timing Belt, 54T-0.80P	1
6	350B0213	Pivot Bushing	6
7	350B0212	Idler Bushing	1
8	350B0249	Side-Looking Lens Cover	1
9	350B0209	Drive Gear, 18T-24P	2
10	350B0211	Idler Gear, 12T-24P	1
11	350B0210	Idler Gear, 30T-24P	1
12	350B0244	Latch Spring	1
13	350B0215	Drive Pulley	1
14	350B0237	Screw, Shoulder	1
15	352-4250-0117	Screw, SEMS, PPH (#4-40 x 1/4-inch), LF	5
16	210B0703	Link Spacer	1
17	350A0267	Retaining Clip, 0.250-inch diameter, LF	4
18	350A0269	Screw, Thread Rolling, PPH (#2 x 3/16-inch), LF	1
19	261-0001-0003	T-760 Multipurpose Grease (not shown)	A/R
		Notes:	
		1. Apply grease to bearing surfaces of Items 1 and 2 (6 places).	
		2. Apply grease to shoulder of Item 14.	
20	261-0001-0004	LPS-1 Greaseless lubricant (not shown)	A/R
		Note: Apply lubricant to ends of Item 2 (4 places).	
21	330-2241-0007	Loctite™, Thread Locking (purple) (not shown)	A/R
		Note: Apply Loctite to threads of Item 14.	
22	351A0061	Tape, Teflon, White, 7/8-inch x 1/8-inch (not shown)	A/R

2.9.4 Upper-Guide Optics Assembly Parts Breakdown, PN 325D0004-01



Note: For identification of parts, refer to Table 2-13.



**Table 2-13. Upper-Guide Optics Assembly Parts List,
PN 325D0004-01**

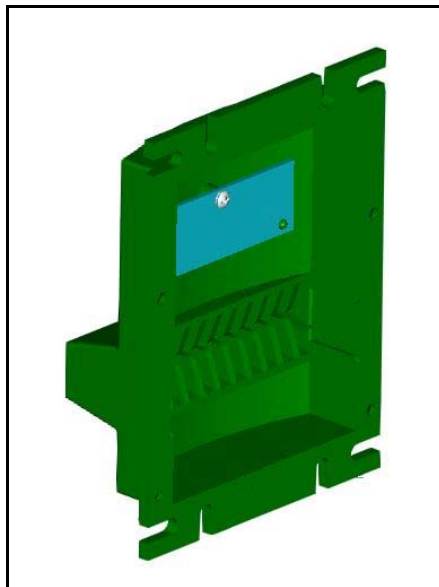
ITEM	PART NUMBER	DESCRIPTION	QTY
1	325D0005-01	Assembly, Upper-Guide Array, includes:	1
	325EA003G-01	Assembly, Transmissive Array, PCB, Falcon, LF	1
	350D0222-01	Detector Array	1
	351A0024	Screw, Thread, M2 (2-mm x 5-mm), Type H, LF	2
2	300A0727	Screw, Thread Form (2.5-mm x 6-mm), LF	7
3	351A0057	Washer, Nylon (0.090 x 0.187 x 0.15-inch), LF	1
4	350D0203-02	Housing, Upper-Guide Optics	1
5	350B0292-01	Cover, Upper-Guide Optics	1
6	351A0062	Tape, Teflon, White, 1-inch x 1/8-inch (not shown)	A/R

2.10 Bezel Assemblies

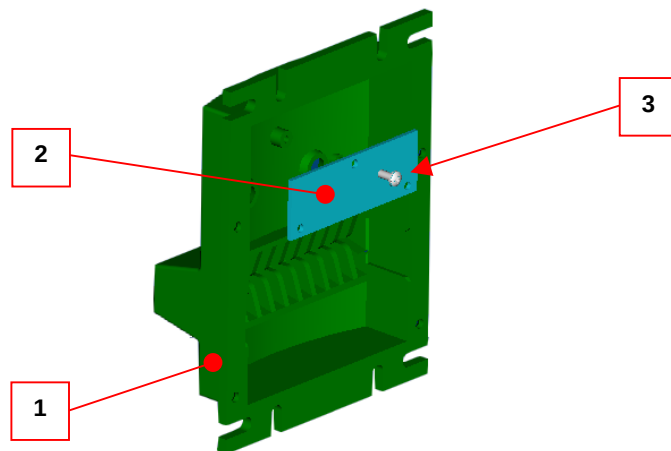
The parts of the Bezel Assemblies are:

- For Model G3V, refer to **Section 2.10.1**.
- For Model FL-4, refer to **Section 2.10.2**.
- For Model FL-6, refer to **Sections 2.10.3 and 2.10.4**.

2.10.1 Bezel Assembly Parts Breakdown for Model G3V, PN 325D0008-01



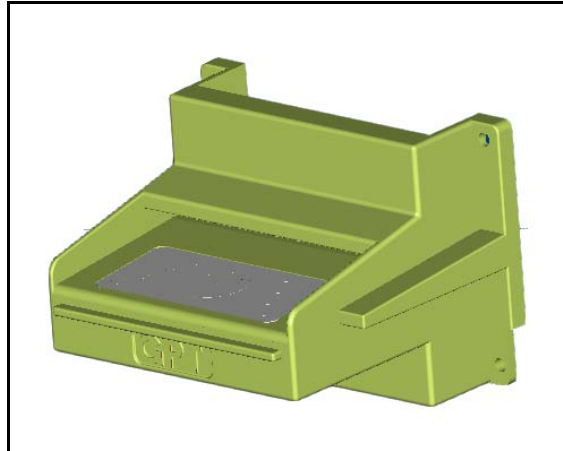
Note: For identification of parts, refer to Table 2-14.



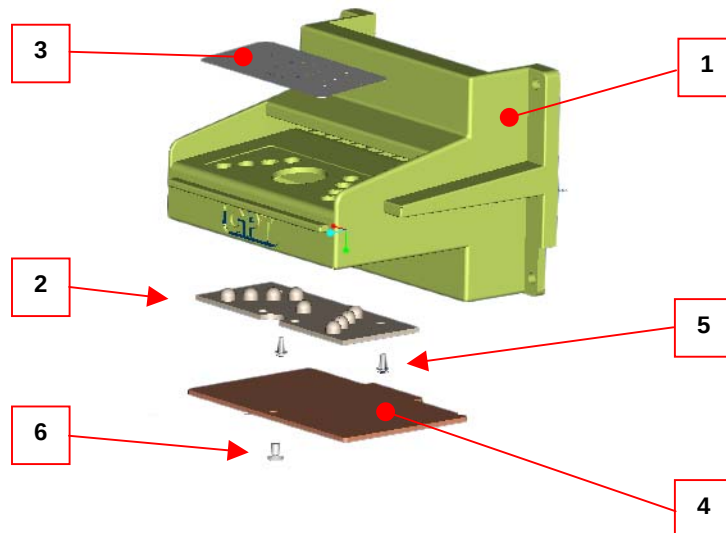
**Table 2-14. Bezel Assembly Parts List for Model G3V,
PN 325D0008-01**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	350D0206-01	Bezel, G3V	1
2	325EA008G-01	PCB Assembly, G3V, Falcon, Simple Bezel, LF	1
3	355A0039	Screw, TFORM Plastite PPH (#4 x 3/16-inch), LF	1
4	325EC005G	Assembly, Cable, G3V, Falcon, Simple Bezel (not shown)	1
5	350C0270	Label, Graphics Bezel (not shown)	1

2.10.2 Bezel Assembly Parts Breakdown for Model FL-4, PN 351D0012-1



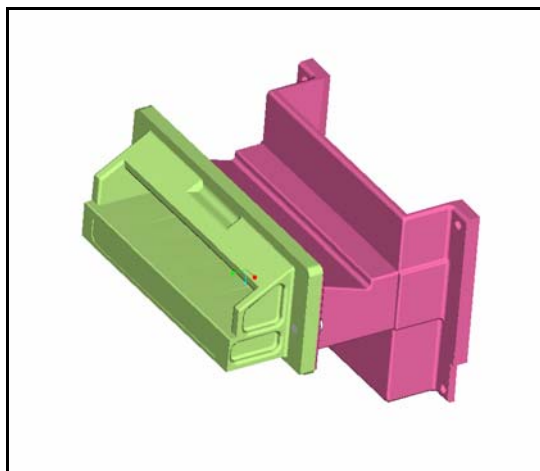
Note: For identification of parts, refer to Table 2-15.



**Table 2-15. Bezel Assembly Parts List for Model FL-4,
PN 351D0012-1**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	351D0005	Bezel, FL-4	1
2	350EA038G-01	Assembly, PCB, FL-4, Animated Bezel, LF	1
3	300C0115	Decal, Bezel Graphics	1
4	351C0006	Cover, Bezel, FL-4	1
5	355A0039	Screw, TFORM Plastite PPH (#4 x 3/16-inch), LF	2
6	352-8250-0135	Screw, Phillips Flat-Head 100° (#4-40 x 1/4-inch), LF	1
7	325EC004G	Assembly, Cable, FL4/FL6, Falcon, Animated Bezel, LF (not shown)	REF

2.10.3 Extension Cole Bezel Assembly Parts Breakdown for Model FL-6, PN 355D0017



Note: For identification of parts, refer to Table 2-16.

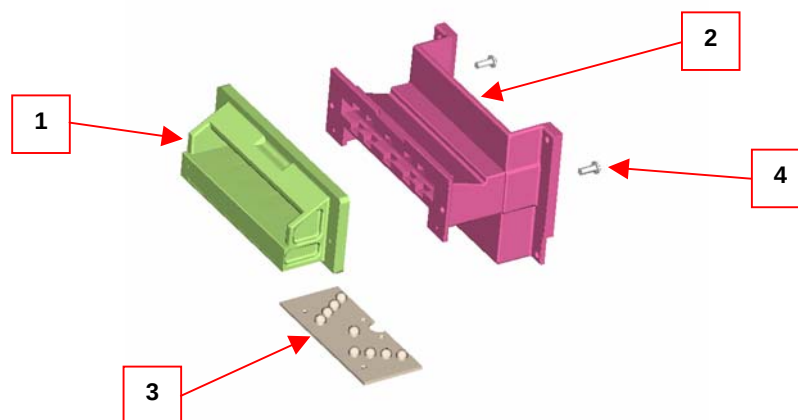
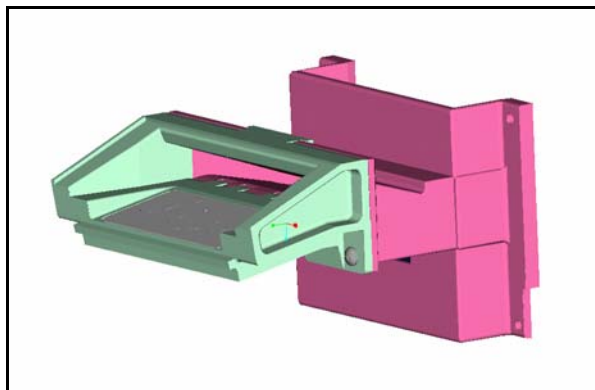


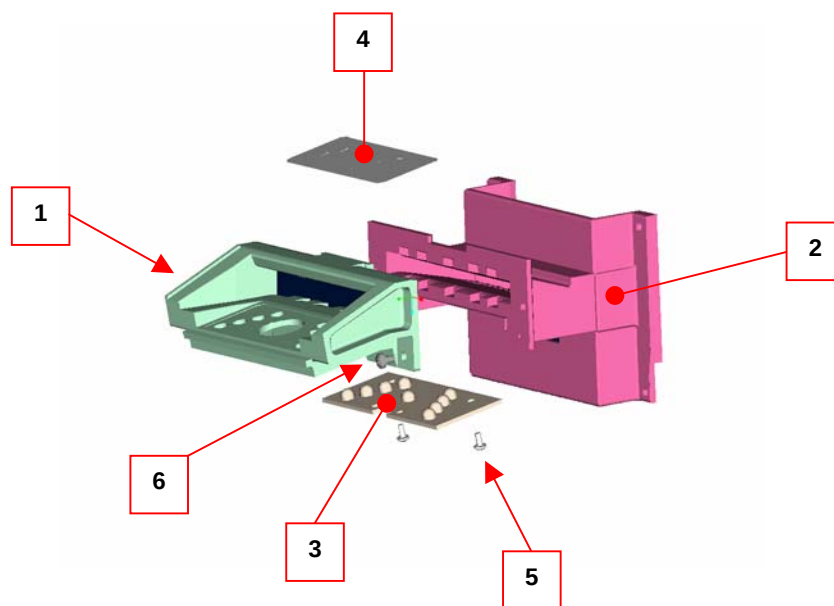
Table 2-16. Extension Cole Bezel Assembly Parts List for Model FL-6, PN 355D0017

ITEM	PART NUMBER	DESCRIPTION	QTY
1	355D0023	Bezel, Cole	1
2	355D0020	Bezel, Interface	1
3	350EA038G-01	Assembly, PCB, FL-4, Animated Bezel, LF	1
4	300A0711	Screw, Thread Rolling, PPH (#4 x 1/4-inch), LF	2
5	325EC004G	Assembly, Cable, FL4/FL6, Falcon, Animated Bezel, LF (not shown)	REF

2.10.4 IDS Bezel Assembly Parts Breakdown for Model FL-6, PN 355D0018



Note: For identification of parts, refer to Table 2-17.



**Table 2-17. IDS Bezel Assembly Parts List for Model FL-6,
PN 355D0018**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	355D0021	Bezel, IDS	1
2	355D0020	Bezel, Interface	1
3	350EA038G-01	Assembly, PCB, FL-4, Animated Bezel, LF	1
4	300C0115	Decal, Bezel Graphics	1
5	355A0039	Screw, TFORM Plastite PPH (#4 x 3/16-inch), LF	2
6	300A0711	Screw, Thread Rolling, PPH (#4 x 1/4-inch), LF	2
7	325EC004G	Assembly, Cable, FL4/FL6, Falcon, Animated Bezel, LF (not shown)	REF

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CHAPTER 3 – PARTS FOR STACKERS

This Chapter Covers:

1. INTRODUCTION
2. 200-BILL STACKER
3. 400-BILL STACKER

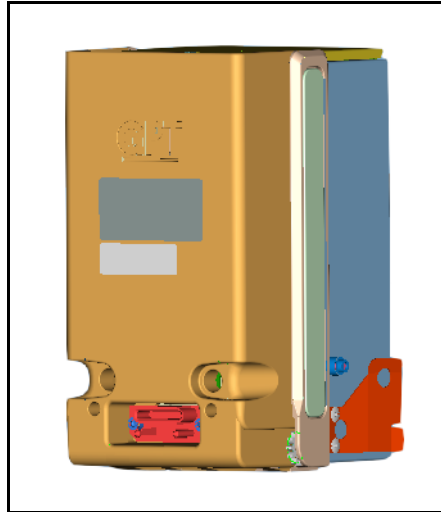


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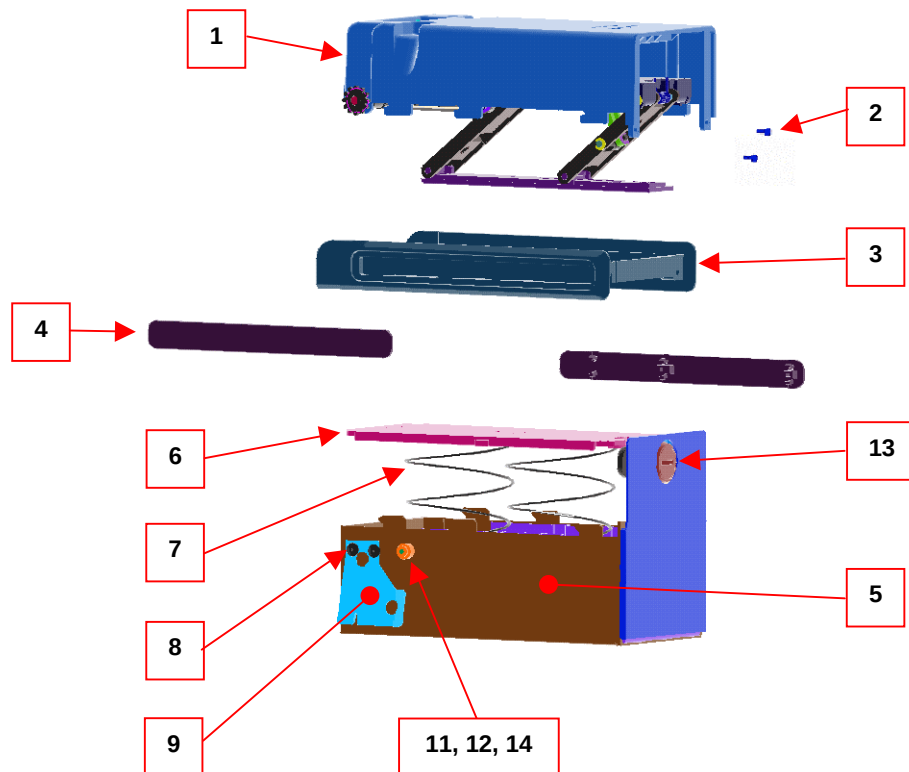
3.1 Introduction

This chapter provides the parts breakdown of the sub-assemblies for the 200-bill and 400-bill Stackers. For the parts breakdown of these assemblies and their components, refer to the applicable sections below.

3.2 200-Bill Stacker Assembly Parts Breakdown, PN 350D0500G



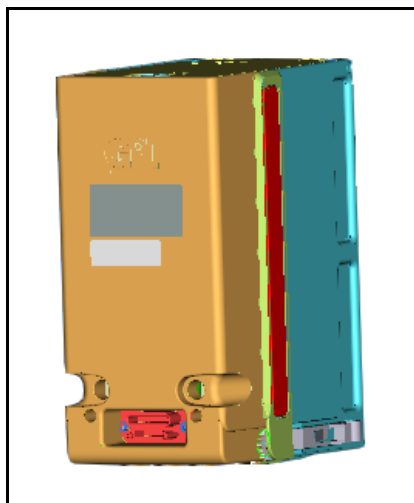
Note: For identification of parts, refer to Table 3-1.



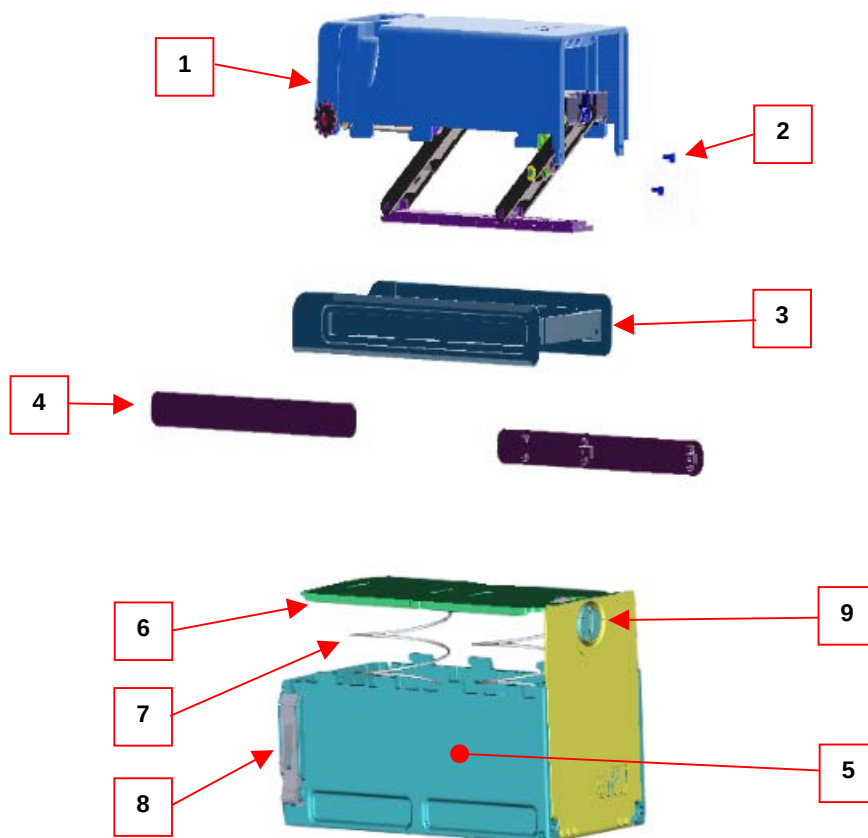
**Table 3-1. 200-Bill Stacker Assembly Parts List,
PN 350D0500G**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	350D0450G	Assembly, Motor Module, LF Note: For a detailed parts breakdown of this assembly, refer to Step 10 of <i>G3V 400-Bill Stacker Assembly Instructions</i> , publication number G3A4104 .	1
2	352-4375-0108	Screw, PPH (#4-40 x 0.375-inch), LF	2
3	350D0470	Assembly, Rail Section	1
4	350B0405	Side Panel	2
5	350C0486	Weldment Cash Box, 200-Bill	1
6	350C0461	Pressure Plate	1
7	364B0014	Spring, Full Conical	2
8	350A0356	Rivet, Stainless-Steel	4
9	350B0484-2	Spring Latch, Right-Side	1
10	350B0484-1	Spring Latch, Left-Side (not shown)	1
11	352-0632-PROTO	Screw, Phillips Truss (#6-32 x 1/4-inch), LF	2
12	350B0381	Alignment Pin	2
13	830A0128	Assembly, Lock Cam Disc-Tumbler	1
14	330-2241-0007	Locktite™, Thread Locking (purple)	A/R
Note: Apply Locktite to threads of Item 11.			

3.3 400-Bill Stacker Assembly Parts Breakdown, PN 350D0400G



Note: For identification of parts, refer to Table 3-2.



**Table 3-2. 400-Bill Stacker Assembly Parts List,
PN 350D0400G**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	350D0450G	Assembly, Motor Module, LF Note: For a detailed parts breakdown of this assembly, refer to Step 10 of G3V 400-Bill Stacker Assembly Instructions , publication number G3A4104 .	1
2	352-4375-0108	Screw, PPH (#4-40 x 3/8-inch), LF	2
3	350D0470	Assembly, Rail Section	1
4	350B0405	Side Panel	2
5	350D0465	Cash Box, 400-Bill Stacker	1
6	350C0461	Pressure Plate	1
7	364B0342	Spring, Conical	2
8	350B0463	Spring Latch	2
9	830A0128	Assembly, Lock Cam Disc-Tumbler	1

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CHAPTER 4 – PARTS FOR FL6 ENCLOSURES

This Chapter Covers:

1. INTRODUCTION
2. FL6 ALI ENCLOSURE
3. FL6 UNIVERSAL ENCLOSURE



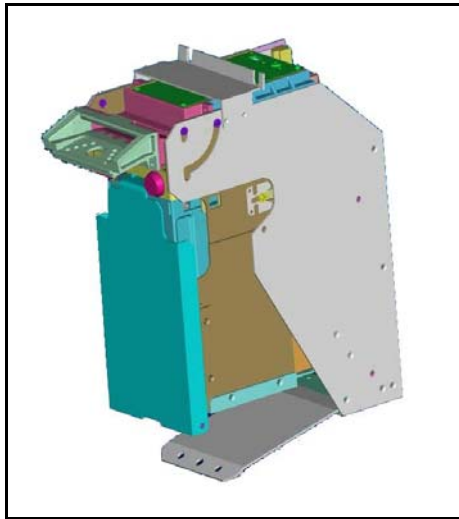
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4.1 Introduction

This chapter provides the parts breakdown of the enclosures used by Falcon's Model FL6 Currency Validator. For the parts breakdown of these assemblies and their components, refer to the applicable sections below.

4.2 FL6 ALI Enclosure Parts Breakdown, PN 355D0001-2

This enclosure, which is designed to fit into Aristocrat gaming machines, houses *GPT's* Falcon Model FL6 Currency Validator and complementary front-loading 400-Bill Stacker.



Note: For identification of parts, refer to Table 4-1.

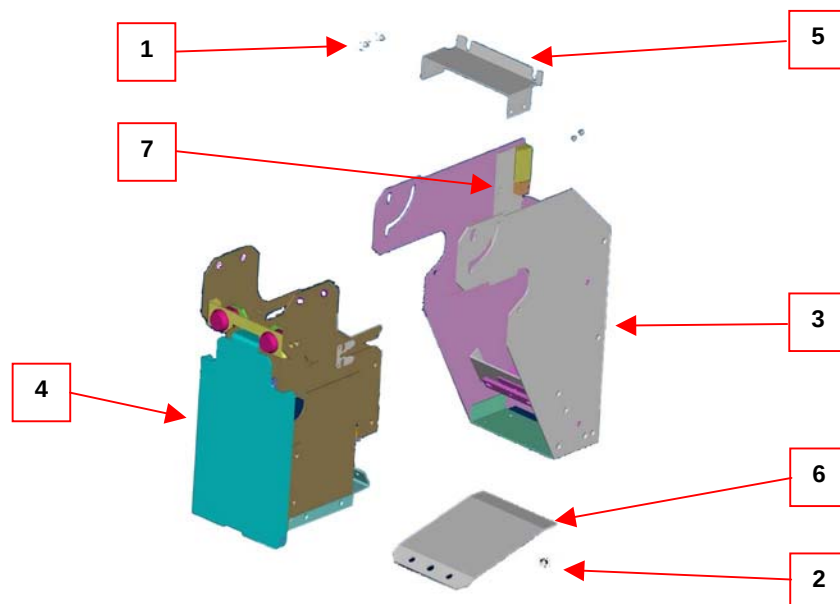
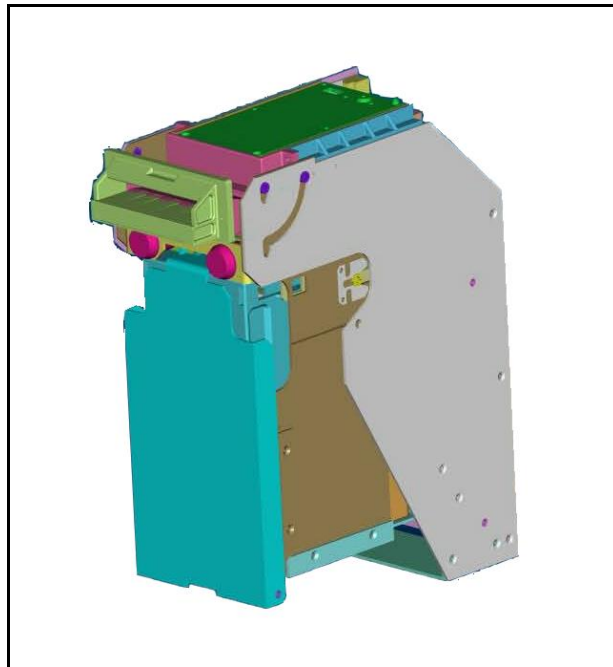


Table 4-1. FL6 ALI Enclosure Parts List, PN 355D0001-2

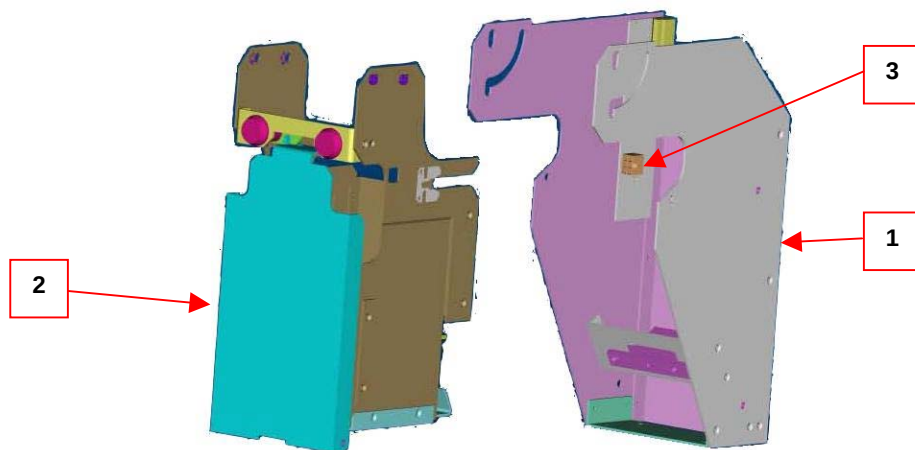
ITEM	PART NUMBER	DESCRIPTION	QTY
1	352-0440-0002	Screw, PPH (#4-40 x 0.125-inch), LF	4
2	352-4187-0102	Screw, PPH (#4-40 x 0.187-inch), LF	3
3	355D0003	Assembly, Frame	1
4	355D0004	Assembly, Swing Arm	1
5	355D0007	Bracket, Top Pivot	1
6	355D0013	Plate, Base, Aristocrat	1
7	350EA041G-02	Assembly, PCB, FL6-SA4/G3 Adapter, V2.2, LF; this item is used on PN 328GXXXXXX352G (where, X can be any digit from 1 to 9).	1

4.3 FL6 Universal Enclosure Parts Breakdown, PN 355D0001-1

This enclosure, which is designed to fit into gaming machines with industry standard footprint, houses *GPT's* Falcon Model FL6 Currency Validator and complementary front-loading 400-Bill Stacker.



Note: For identification of parts, refer to Table 4-2.



**Table 4-2. FL6 Universal Enclosure Parts List,
PN 355D0001-1**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	355D0003	Assembly, Frame	1
2	355D0004	Assembly, Swing Arm	1
3	350EA041G-01, or	Assembly, PCB, FL6-SA4/G3 Adapter, ID-003, LF; this item is used on PN 328GXXXXXX353G (where, X can be any digit from 1 to 9).	1
	350EA041G-02	Assembly, PCB, FL6-SA4/G3 Adapter, V2.2, LF; this item is used on PN 328GXXXXXX253G (where, X can be any digit from 1 to 9).	1

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