REVISION TRANSMITTAL LETTER

TO:

Holders of Component Maintenance Manual (CMM) 25-28-48, revision No. 42, dated Sep 19/23.

GENERAL:

This transmittal letter is attached to the revision No. 42 of CMM 25-28-48, dated Nov 17/23.

The pages that are changed with this revision are shown in the List of Effective Pages (LEP). The type of change is shown in the list as follows:

R	This page has been revised (replaced)
D	This page has been erased (removed)
N	This page is new (put into the CMM)

This is a complete CMM package. Discard the previous issue and replace it with this issue, revision No. 43, dated Nov 17/23.

REASON FOR ISSUE:

This manual has been revised to add new configuration for STC H416001-119 and incorporate the latest design changes.

The attached highlights give details of these changes.

This page intentionally left blank.

COMPONENT MAINTENANCE MANUAL
3868104/93261XX/C678202/H41X001/H456001/H517001/J064002/J708001/J744001/K044002

HIGHLIGHTS

Revision No.43 - Nov 17/23

Pages which have been added, revised or deleted are outlined below together with the Highlights of the Revision.

LOCATIONS	DESIGNATION	DESCRIPTION OF CHANGE
TITLE PAGE	R	Revised to show date of this revision.
LIST OF EFFECTIVE PAGES	R	Updated the revision date for all changed pages.
INTRODUCTION	R	Revised Scope to update part number information.
DISASSEMBLY	R	Disassembly procedures revised to reflect the changes made into the IPL section.
ASSEMBLY	R	Assembly procedures revised to reflect the changes made into the IPL section.
ILLUSTRATED PARTS LIST (IPL)	R	
DETAILED PARTS LIST FIGURE 14	R	Revised to reflect the latest engineering changes.
FIGURE 16	N	Added new Figure for Passenger Service Unit Installation PN H416001-119

This page intentionally left blank.

SAFRAN CABIN INC.
5701 Bolsa Ave
Huntington Beach, CA 92647
USA
Telephone +1 714-934-0000
www.safran-cabin.com

(56135)

COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

PASSENGER SERVICE UNITS

Part Number

3868104-111
3868104-112
9326101-101
9326101-102
9326101-103
9326101-104
9326101-105
9326101-106
9326101-107
9326101-108
9326101-109
9326101-110
9326103-101
9326103-107

BOM-00121
Initial Issue: Feb 01/02

25-28-48

TP1
Revision No. 43
Nov 17/23

Part Number

9326107-101
9326107-102
9326107-103
9326107-104
9326107-105
9326107-107
9326107-108
9326107-109
9326108-101
9326108-102
9326110-101
9326110-102
9326110-104
9326110-105
9326110-106
9326110-107
9326110-108
9326114-101
9326114-102
9326115-101
9326115-102
9326115-103
9326115-104
9326115-105
9326115-107
9326115-109
9326115-110
9326115-111
9326115-113
9326115-114
9326116-101
9326116-102
9326116-103
9326116-104
9326116-105
9326116-106
9326116-107
9326116-108
9326116-109
9326116-110
9326116-111
9326116-112
9326116-113
9326116-114
9326116-115
9326116-116
9326116-117
9326116-118
9326116-119
9326116-120
9326116-121
9326116-122
9326116-125
9326116-126
9326116-127
9326116-128
9326116-129
9326116-130
9326116-131
9326116-132
9326116-135

(cont.)

Part Number

9326116-136	**9326127-101**
9326116-137	**9326127-102**
9326116-138	**9326127-103**
9326116-139	**9326128-101**
9326116-140	**9326128-102**
9326117-101	**9326128-104**
9326117-103	**9326130-101**
9326117-105	**9326130-102**
9326117-107	**9326130-103**
9326117-109	**9326130-104**
9326118-101	**9326130-105**
9326118-103	**9326130-106**
9326119-101	**C678202-111**
9326120-101	**C678202-113**
9326120-103	**C678202-115**
9326121-101	**H416001-101**
9326121-102	**H416001-103**
9326121-103	**H416001-107**
9326121-105	**H416001-109**
9326121-106	**H416001-111**
9326121-107	**H416001-113**
9326123-101	**H416001-115**
9326124-101	**H416001-117**
9326124-106	**H416001-119**
9326124-107	**H417001-101**
9326124-108	**H456001-101**
9326124-109	**H517001-101**
9326124-110	**J064002-101**
9326124-111	**J708001-101**
9326124-112	**J744001-101**
9326125-101	**J744001-103**
9326125-102	**J744001-105**
K044002-101	**K044002-103**

SAFRAN

The technical data in this document is controlled for export under the Export Administration Regulations (EAR), 15 CFR Parts 730-774, ECCN: 9E991. Violations of these laws can be subject to fines and penalties under the Export Administration Act.

Copyright © 2023 Safran Cabin Inc.

This document contains proprietary information of Safran Cabin Inc., or contains proprietary information of others, and is issued in strict confidence. Except for rights expressly granted by contract, this document can not, in whole or in part, be duplicated, reproduced electronically or mechanically, disclosed, or used for design or manufacturing purposes without written authorization from Safran Cabin Inc.

WARNING: ANY WARRANTY OFFERED BY SAFRAN CABIN INC. WILL BE DEEMED NULL AND VOID IF ITS PRODUCTS ARE USED IN AN UNINTENDED MANNER OR SHOW INDICATIONS THAT THEY HAVE BEEN ALTERED IN ANYWAY, INCLUDING, BUT NOT LIMITED TO, USE OF REPLACEMENT PARTS OR MAINTENANCE ACTIONS NOT PERFOMED AS OUTLINED IN THIS MANUAL AT THE TIME AND IN THE MANNER SPECIFIED HEREIN.

COMPONENT MAINTENANCE MANUAL
3868104/93261XX/C678202/H41X001/H456001/H517001/J064002/J708001/J744001/K044002

RECORD OF REVISIONS

REV. No.	ISSUE DATE	INSERTED		REV. No.	ISSUE DATE	INSERTED	
		DATE	BY			DATE	BY
Initial Issue	Feb 01/02	Feb 01/02	C&D Zodiac	29	Apr 27/18	Apr 27/18	Zodiac Aerospace
1	Mar 15/02	Mar 15/02	C&D Zodiac				
2	Feb 15/03	Feb 15/03	C&D Zodiac	30	Aug 07/18	Aug 07/18	Safran Cabin Inc.
3	Mar 01/04	Mar 01/04	C&D Zodiac	31	Mar 26/21	Mar 26/21	Safran Cabin Inc.
4	Jul 15/04	Jul 15/04	C&D Zodiac				
5	Oct 01/04	Oct 01/04	C&D Zodiac	32	Apr 28/21	Apr 28/21	Safran Cabin Inc.
6	Jun 15/05	Jun 15/05	C&D Zodiac				
7	Oct 28/05	Oct 28/05	C&D Zodiac	33	Ju 30/21l	Ju 30/21l	Safran Cabin Inc.
8	Apr 20/06	Apr 20/06	C&D Zodiac	34	Aug 27/21	Aug 27/21	Safran Cabin Inc.
9	Aug 02/07	Aug 02/07	C&D Zodiac				
10	Oct 05/09	Oct 05/09	C&D Zodiac	35	Oct 07/21	Oct 07/21	Safran Cabin Inc.
11	Apr 05/10	Apr 05/10	C&D Zodiac	36	Oct 29/21	Oct 29/21	Safran Cabin Inc.
12	May 05/10	May 05/10	C&D Zodiac				
13	Jan 05/11	Jan 05/11	C&D Zodiac	37	Nov 04/21	Nov 04/21	Safran Cabin Inc.
14	May 05/11	May 05/11	C&D Zodiac				
15	Jul 15/11	Jul 15/11	C&D Zodiac	38	Jun 02/22	Jun 02/22	Safran Cabin Inc.
16	Jul 30/12	Jul 30/12	C&D Zodiac	39	Jun 09/22	Jun 09/22	Safran Cabin Inc.
17	Oct 15/12	Oct 15/12	C&D Zodiac				
18	Mar 15/12	Mar 15/12	C&D Zodiac	40	Oct 25/22	Oct 25/22	Safran Cabin Inc.
19	Jun 30/13	Jun 30/13	C&D Zodiac				
20	Aug 15/13	Aug 15/13	C&D Zodiac	41	Aug 11/23	Aug 11/23	Safran Cabin Inc.
21	May 15/14	May 15/14	C&D Zodiac	42	Sep 15/23	Sep 15/23	Safran Cabin Inc.
22	May 15/15	May 15/15	C&D Zodiac				
23	Aug 30/15	Aug 30/15	C&D Zodiac	43	Nov 17/23	Nov 17/23	Safran Cabin Inc.
24	Nov 15/15	Nov 15/15	C&D Zodiac				
25	Jan 15/16	Jan 15/16	C&D Zodiac				
26	Mar 15/16	Mar 15/16	C&D Zodiac				
27	Oct 15/16	Oct 15/16	C&D Zodiac				
28	Mar 26/18	Mar 26/18	Zodiac				

This page intentionally left blank.

COMPONENT MAINTENANCE MANUAL
3868104/93261XX/C678202/H41X001/H456001/H517001/J064002/J708001/J744001/K044002

RECORD OF TEMPORARY REVISIONS

TEMP. REV. No.	ISSUE DATE	INSERTED		REMOVED	
		DATE	BY	DATE	BY
TR25-1	Sep 23/09	Apr 05/10	C&D Zodiac		
TR25-2	Aug 07/18	Mar 26/21	Safran Cabin Inc.		

This page intentionally left blank.

SERVICE BULLETIN LIST

SERVICE BULLETIN		INCORPORATION INTO CMM		TITLE
Number	Rev	Date	Rev	
A302001-25-02	NC	Oct 01/04	5	PASSENGER SERVICE UNIT ASSEMBLY - FILLER PANEL REPLACEMENT
9326001-25-02	NC	Mar 26/18	28	REPLACE OXYGEN GENERATOR ON LH OXYGEN LIGHT GASPER PANEL ASSEMBLY

This page intentionally left blank.

SAFRAN

COMPONENT MAINTENANCE MANUAL
3868104/93261XX/C678202/H41X001/H456001/H517001/J064002/J708001/J744001/K044002

LIST OF EFFECTIVE PAGES

SUBJECT	PAGE		DATE
TITLE PAGE			
	1	R	Nov 17/23
	2	R	Nov 17/23
	3	R	Nov 17/23
	4	R	Nov 17/23
RECORD OF REVISIONS			
	1	R	Nov 17/23
	2	Blank	Nov 17/23
RECORD OF TEMPORARY REVISIONS			
	1		Mar 26/21
	2	Blank	Mar 26/21
SERVICE BULLETIN LIST			
	1		Mar 26/18
	2	Blank	Mar 26/18
LIST OF EFFECTIVE PAGES			
	1	R	Nov 17/23
	2	R	Nov 17/23
	3	R	Nov 17/23
	4	R	Nov 17/23
	5	R	Nov 17/23
	6	R	Nov 17/23
	7	R	Nov 17/23
	8	R	Nov 17/23
TABLE OF CONTENTS			
	1	R	Nov 17/23
	2	R	Nov 17/23
	3	R	Nov 17/23
	4	R	Nov 17/23
LIST OF ILLUSTRATIONS			
	1		Oct 25/22
	2		Oct 25/22
LIST OF TABLES			
	1		Oct 25/22
	2	Blank	Oct 25/22
INTRODUCTION			
	1	R	Nov 17/23
	2	R	Nov 17/23
	3	R	Nov 17/23
	4	R	Nov 17/23
	5	R	Nov 17/23
	6	R	Nov 17/23
	7	R	Nov 17/23
	8	Blank	Nov 17/23
DESCRIPTION AND OPERATION -			
	1		Aug 11/23
	2		Aug 11/23
	3		Aug 11/23
	4		Aug 11/23
	5		Aug 11/23
	6		Aug 11/23
	7		Aug 11/23
	8		Aug 11/23
	9		Aug 11/23
	10		Aug 11/23
	11		Aug 11/23
	12		Aug 11/23
	13		Aug 11/23
	14		Aug 11/23
	15		Aug 11/23
	16		Aug 11/23
	17		Aug 11/23
	18		Aug 11/23
	19		Aug 11/23
	20		Aug 11/23
	21		Aug 11/23
	22		Aug 11/23
	23		Aug 11/23
	24		Aug 11/23
	25		Aug 11/23
	26		Aug 11/23
	27		Aug 11/23
	28		Aug 11/23
	29		Aug 11/23
	30		Aug 11/23
	31		Aug 11/23
	32		Aug 11/23
	33		Aug 11/23
	34		Aug 11/23
	35		Aug 11/23
	36		Aug 11/23
TESTING AND FAULT ISOLATION -			
	1001		Aug 11/23
	1002		Aug 11/23
	1003		Aug 11/23

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE		DATE
	1004		Aug 11/23
	1005		Aug 11/23
	1006		Aug 11/23
	1007		Aug 11/23
	1008		Aug 11/23
	1009		Aug 11/23
	1010		Aug 11/23
	1011		Aug 11/23
	1012		Aug 11/23
SCHEMATIC AND WIRING DIAGRAMS -			
	2001		Mar 26/18
	2002		Mar 26/18
	2003		Mar 26/18
	2004		Mar 26/18
	2005		Mar 26/18
	2006		Mar 26/18
	2007		Mar 26/18
	2008	Blank	Mar 26/18
DISASSEMBLY -			
	3001	R	Nov 17/23
	3002	R	Nov 17/23
	3003	R	Nov 17/23
	3004	R	Nov 17/23
	3005	R	Nov 17/23
	3006	R	Nov 17/23
	3007	R	Nov 17/23
	3008	R	Nov 17/23
	3009	R	Nov 17/23
	3010	R	Nov 17/23
	3011	R	Nov 17/23
	3012	R	Nov 17/23
	3013	R	Nov 17/23
	3014	R	Nov 17/23
	3015	R	Nov 17/23
	3016	R	Nov 17/23
	3017	R	Nov 17/23
	3018	R	Nov 17/23
	3019	R	Nov 17/23
	3020	R	Nov 17/23
	3021	R	Nov 17/23
	3022	R	Nov 17/23
	3023	R	Nov 17/23
	3024	R	Nov 17/23
	3025	R	Nov 17/23
	3026	R	Nov 17/23
	3027	R	Nov 17/23
	3028	R	Nov 17/23
	3029	R	Nov 17/23
	3030	R	Nov 17/23
	3031	R	Nov 17/23
	3032	R	Nov 17/23
	3033	R	Nov 17/23
	3034	R	Nov 17/23
	3035	R	Nov 17/23
	3036	R	Nov 17/23
	3037	R	Nov 17/23
	3038	R	Nov 17/23
	3039	R	Nov 17/23
	3040	R	Nov 17/23
	3041	R	Nov 17/23
	3042	R	Nov 17/23
	3043	R	Nov 17/23
	3044	R	Nov 17/23
	3045	R	Nov 17/23
	3046	R	Nov 17/23
CLEANING -			
	4001		Oct 07/21
	4002		Oct 07/21
	4003		Oct 07/21
	4004		Oct 07/21
	4005		Oct 07/21
	4006		Oct 07/21
	4007		Oct 07/21
	4008		Oct 07/21
	4009		Oct 07/21
	4010		Oct 07/21
	4011		Oct 07/21
	4012	Blank	Oct 07/21
INSPECTION/CHECK -			
	5001		Oct 07/21
	5002		Oct 07/21
	5003		Oct 07/21
	5004		Oct 07/21
	5005		Oct 07/21
	5006	Blank	Oct 07/21
REPAIR -			
	6001		Oct 07/21
	6002		Oct 07/21
	6003		Oct 07/21

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE	DATE	SUBJECT	PAGE		DATE
	6004	Oct 07/21		6051		Oct 07/21
	6005	Oct 07/21		6052		Oct 07/21
	6006	Oct 07/21		6053		Oct 07/21
	6007	Oct 07/21		6054		Oct 07/21
	6008	Oct 07/21		6055		Oct 07/21
	6009	Oct 07/21		6056		Oct 07/21
	6010	Oct 07/21		6057		Oct 07/21
	6011	Oct 07/21		6058		Oct 07/21
	6012	Oct 07/21		6059		Oct 07/21
	6013	Oct 07/21		6060		Oct 07/21
	6014	Oct 07/21		6061		Oct 07/21
	6015	Oct 07/21		6062		Oct 07/21
	6016	Oct 07/21		6063		Oct 07/21
	6017	Oct 07/21		6064		Oct 07/21
	6018	Oct 07/21		6065		Oct 07/21
	6019	Oct 07/21		6066		Oct 07/21
	6020	Oct 07/21				
	6021	Oct 07/21	ASSEMBLY -			
	6022	Oct 07/21		7001	R	Nov 17/23
	6023	Oct 07/21		7002	R	Nov 17/23
	6024	Oct 07/21		7003	R	Nov 17/23
	6025	Oct 07/21		7004	R	Nov 17/23
	6026	Oct 07/21		7005	R	Nov 17/23
	6027	Oct 07/21		7006	R	Nov 17/23
	6028	Oct 07/21		7007	R	Nov 17/23
	6029	Oct 07/21		7008	R	Nov 17/23
	6030	Oct 07/21		7009	R	Nov 17/23
	6031	Oct 07/21		7010	R	Nov 17/23
	6032	Oct 07/21		7011	R	Nov 17/23
	6033	Oct 07/21		7012	R	Nov 17/23
	6034	Oct 07/21		7013	R	Nov 17/23
	6035	Oct 07/21		7014	R	Nov 17/23
	6036	Oct 07/21		7015	R	Nov 17/23
	6037	Oct 07/21		7016	R	Nov 17/23
	6038	Oct 07/21		7017	R	Nov 17/23
	6039	Oct 07/21		7018	R	Nov 17/23
	6040	Oct 07/21		7019	R	Nov 17/23
	6041	Oct 07/21		7020	R	Nov 17/23
	6042	Oct 07/21		7021	R	Nov 17/23
	6043	Oct 07/21		7022	R	Nov 17/23
	6044	Oct 07/21		7023	R	Nov 17/23
	6045	Oct 07/21		7024	R	Nov 17/23
	6046	Oct 07/21		7025	R	Nov 17/23
	6047	Oct 07/21		7026	R	Nov 17/23
	6048	Oct 07/21		7027	R	Nov 17/23
	6049	Oct 07/21		7028	R	Nov 17/23
	6050	Oct 07/21		7029	R	Nov 17/23

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE		DATE
	7030	R	Nov 17/23
	7031	R	Nov 17/23
	7032	R	Nov 17/23
	7033	R	Nov 17/23
	7034	R	Nov 17/23
	7035	R	Nov 17/23
	7036	R	Nov 17/23
	7037	R	Nov 17/23
	7038	R	Nov 17/23
	7039	R	Nov 17/23
	7040	R	Nov 17/23
	7041	R	Nov 17/23
	7042	R	Nov 17/23
	7043	R	Nov 17/23
	7044	R	Nov 17/23
	7045	R	Nov 17/23
	7046	R	Nov 17/23
SPECIAL TOOLS, FIXTURES, EQUIPMENT, AND CONSUMABLES -			
	9001		Oct 07/21
	9002		Oct 07/21
	9003		Oct 07/21
	9004		Oct 07/21
	9005		Oct 07/21
	9006		Oct 07/21
	9007		Oct 07/21
	9008		Oct 07/21
	9009		Oct 07/21
	9010		Oct 07/21
ILLUSTRATED PARTS LIST (IPL)			
	10001	R	Nov 17/23
	10002	Blank	Nov 17/23
INTRO IPL			
	10003	R	Nov 17/23
	10004	R	Nov 17/23
	10005	R	Nov 17/23
	10006	R	Nov 17/23
	10007	R	Nov 17/23
	10008	R	Nov 17/23
	10009	R	Nov 17/23
	10010	R	Nov 17/23
	10011	R	Nov 17/23
	10012	R	Nov 17/23
	10013	R	Nov 17/23
	10014	R	Nov 17/23
	10015	R	Nov 17/23
	10016	R	Nov 17/23
	10017	R	Nov 17/23
	10018	R	Nov 17/23
EQUIPMENT DESIGNATOR INDEX			
	10019	R	Nov 17/23
	10020	Blank	Nov 17/23
ALPHA/NUMERIC INDEX			
	10021	R	Nov 17/23
	10022	R	Nov 17/23
	10023	R	Nov 17/23
	10024	R	Nov 17/23
	10025	R	Nov 17/23
	10026	R	Nov 17/23
	10027	R	Nov 17/23
	10028	R	Nov 17/23
	10029	R	Nov 17/23
	10030	R	Nov 17/23
	10031	R	Nov 17/23
	10032	R	Nov 17/23
	10033	R	Nov 17/23
	10034	R	Nov 17/23
	10035	R	Nov 17/23
	10036	R	Nov 17/23
	10037	R	Nov 17/23
	10038	R	Nov 17/23
	10039	R	Nov 17/23
	10040	R	Nov 17/23
	10041	R	Nov 17/23
	10042	R	Nov 17/23
	10043	R	Nov 17/23
	10044	R	Nov 17/23
	10045	R	Nov 17/23
	10046	R	Nov 17/23
	10047	R	Nov 17/23
	10048	R	Nov 17/23
	10049	R	Nov 17/23
	10050	R	Nov 17/23
	10051	R	Nov 17/23
	10052	R	Nov 17/23
	10053	R	Nov 17/23
	10054	R	Nov 17/23
	10055	R	Nov 17/23
	10056	R	Nov 17/23

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE		DATE
	10057	R	Nov 17/23
	10058	R	Nov 17/23
	10059	R	Nov 17/23
	10060	R	Nov 17/23
	10061	R	Nov 17/23
	10062	R	Nov 17/23
	10063	R	Nov 17/23
	10064	R	Nov 17/23
	10065	R	Nov 17/23
	10066	R	Nov 17/23
	10067	R	Nov 17/23
	10068	R	Nov 17/23
	10069	R	Nov 17/23
	10070	R	Nov 17/23
	10071	R	Nov 17/23
	10072	R	Nov 17/23
	10073	R	Nov 17/23
	10074	R	Nov 17/23
	10075	R	Nov 17/23
	10076	R	Nov 17/23
	10077	R	Nov 17/23
	10078	R	Nov 17/23
	10079	R	Nov 17/23
	10080	R	Nov 17/23
DETAILED PARTS LIST			
	10081	R	Nov 17/23
	10082	R	Nov 17/23
	10083	R	Nov 17/23
	10084	R	Nov 17/23
	10085	R	Nov 17/23
	10086	R	Nov 17/23
	10087	R	Nov 17/23
	10088	Blank	Nov 17/23
	10089	R	Nov 17/23
	10090	R	Nov 17/23
	10091	R	Nov 17/23
	10092	R	Nov 17/23
	10093	R	Nov 17/23
	10094	R	Nov 17/23
	10095	R	Nov 17/23
	10096	R	Nov 17/23
	10097	R	Nov 17/23
	10098	R	Nov 17/23
	10099	R	Nov 17/23
	10100	R	Nov 17/23
	10101	R	Nov 17/23

SUBJECT	PAGE		DATE
	10102	R	Nov 17/23
	10103	R	Nov 17/23
	10104	R	Nov 17/23
	10105	R	Nov 17/23
	10106	R	Nov 17/23
	10107	R	Nov 17/23
	10108	R	Nov 17/23
	10109	R	Nov 17/23
	10110	R	Nov 17/23
	10111	R	Nov 17/23
	10112	R	Nov 17/23
	10113	R	Nov 17/23
	10114	Blank	Nov 17/23
	10115	R	Nov 17/23
	10116	R	Nov 17/23
	10117	R	Nov 17/23
	10118	R	Nov 17/23
	10119	R	Nov 17/23
	10120	R	Nov 17/23
	10121	R	Nov 17/23
	10122	R	Nov 17/23
	10123	R	Nov 17/23
	10124	R	Nov 17/23
	10125	R	Nov 17/23
	10126	R	Nov 17/23
	10127	R	Nov 17/23
	10128	R	Nov 17/23
	10129	R	Nov 17/23
	10130	R	Nov 17/23
	10131	R	Nov 17/23
	10132	R	Nov 17/23
	10133	R	Nov 17/23
	10134	R	Nov 17/23
	10135	R	Nov 17/23
	10136	R	Nov 17/23
	10137	R	Nov 17/23
	10138	R	Nov 17/23
	10139	R	Nov 17/23
	10140	R	Nov 17/23
	10141	R	Nov 17/23
	10142	R	Nov 17/23
	10143	Blank	Nov 17/23
	10144	R	Nov 17/23
	10145	R	Nov 17/23
	10146	R	Nov 17/23
	10147	R	Nov 17/23
	10148	R	Nov 17/23

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE		DATE
	10149	R	Nov 17/23
	10150	R	Nov 17/23
	10151	R	Nov 17/23
	10152	R	Nov 17/23
	10153	R	Nov 17/23
	10154	R	Nov 17/23
	10155	Blank	Nov 17/23
	10156	R	Nov 17/23
	10157	R	Nov 17/23
	10158	R	Nov 17/23
	10159	R	Nov 17/23
	10160	R	Nov 17/23
	10161	R	Nov 17/23
	10162	R	Nov 17/23
	10163	R	Nov 17/23
	10164	R	Nov 17/23
	10165	R	Nov 17/23
	10166	R	Nov 17/23
	10167	R	Nov 17/23
	10168	R	Nov 17/23
	10169	R	Nov 17/23
	10170	R	Nov 17/23
	10171	R	Nov 17/23
	10172	Blank	Nov 17/23
	10173	R	Nov 17/23
	10174	R	Nov 17/23
	10175	R	Nov 17/23
	10176	R	Nov 17/23
	10177	R	Nov 17/23
	10178	R	Nov 17/23
	10179	Blank	Nov 17/23
	10180	R	Nov 17/23
	10181	R	Nov 17/23
	10182	R	Nov 17/23
	10183	R	Nov 17/23
	10184	Blank	Nov 17/23
	10185	R	Nov 17/23
	10186	R	Nov 17/23
	10187	R	Nov 17/23
	10188	Blank	Nov 17/23
	10189	R	Nov 17/23
	10190	R	Nov 17/23
	10191	R	Nov 17/23
	10192	R	Nov 17/23
	10193	R	Nov 17/23
	10194	R	Nov 17/23
	10195	R	Nov 17/23

SUBJECT	PAGE		DATE
	10196	R	Nov 17/23
	10197	Blank	Nov 17/23
	10198	R	Nov 17/23
	10199	R	Nov 17/23
	10200	R	Nov 17/23
	10201	R	Nov 17/23
	10202	R	Nov 17/23
	10203	R	Nov 17/23
	10204	R	Nov 17/23
	10205	Blank	Nov 17/23
	10206	R	Nov 17/23
	10207	R	Nov 17/23
	10208	Blank	Nov 17/23
	10209	R	Nov 17/23
	10210	R	Nov 17/23
	10211	R	Nov 17/23
	10212	R	Nov 17/23
	10213	R	Nov 17/23
	10214	Blank	Nov 17/23
	10215	R	Nov 17/23
	10216	R	Nov 17/23
	10217	Blank	Nov 17/23
	10218	R	Nov 17/23
	10219	R	Nov 17/23
	10220	R	Nov 17/23
	10221	R	Nov 17/23
	10222	R	Nov 17/23
	10223	R	Nov 17/23
	10224	Blank	Nov 17/23
	10225	R	Nov 17/23
	10226	R	Nov 17/23
	10227	R	Nov 17/23
	10228	R	Nov 17/23
	10229	R	Nov 17/23
	10230	R	Nov 17/23
	10231	R	Nov 17/23
	10232	R	Nov 17/23
	10233	R	Nov 17/23
	10234	R	Nov 17/23
	10235	R	Nov 17/23
	10236	R	Nov 17/23
	10237	R	Nov 17/23
	10238	R	Nov 17/23
	10239	R	Nov 17/23
	10240	R	Nov 17/23
	10241	R	Nov 17/23
	10242	Blank	Nov 17/23

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE		DATE
	10243	R	Nov 17/23
	10244	R	Nov 17/23
	10245	R	Nov 17/23
	10246	R	Nov 17/23
	10247	R	Nov 17/23
	10248	R	Nov 17/23
	10249	R	Nov 17/23
	10250	Blank	Nov 17/23
	10251	R	Nov 17/23
	10252	R	Nov 17/23
	10253	R	Nov 17/23
	10254	R	Nov 17/23
	10255	R	Nov 17/23
	10256	R	Nov 17/23
	10257	Blank	Nov 17/23
	10258	R	Nov 17/23
	10259	R	Nov 17/23
	10260	R	Nov 17/23
	10261	R	Nov 17/23
	10262	Blank	Nov 17/23
	10263	R	Nov 17/23
	10264	R	Nov 17/23
	10265	R	Nov 17/23
	10266	R	Nov 17/23
	10267	R	Nov 17/23
	10268	R	Nov 17/23
	10269	R	Nov 17/23
	10270	R	Nov 17/23
	10271	R	Nov 17/23
	10272	Blank	Nov 17/23
	10273	R	Nov 17/23
	10274	R	Nov 17/23
	10275	R	Nov 17/23
	10276	R	Nov 17/23
	10277	R	Nov 17/23
	10278	R	Nov 17/23
	10279	R	Nov 17/23
	10280	R	Nov 17/23
	10281	R	Nov 17/23
	10282	Blank	Nov 17/23
	10283	R	Nov 17/23
	10284	R	Nov 17/23
	10285	R	Nov 17/23
	10286	R	Nov 17/23
	10287	R	Nov 17/23
	10288	R	Nov 17/23
	10289	R	Nov 17/23

SUBJECT	PAGE		DATE
	10290	R	Nov 17/23
	10291	R	Nov 17/23
	10292	R	Nov 17/23
	10293	R	Nov 17/23
	10294	Blank	Nov 17/23
	10295	R	Nov 17/23
	10296	R	Nov 17/23
	10297	R	Nov 17/23
	10298	R	Nov 17/23
	10299	Blank	Nov 17/23
	10300	R	Nov 17/23
	10301	R	Nov 17/23
	10302	R	Nov 17/23
	10303	R	Nov 17/23
	10304	Blank	Nov 17/23
	10305	R	Nov 17/23
	10306	R	Nov 17/23
	10307	R	Nov 17/23
	10308	R	Nov 17/23
	10309	R	Nov 17/23
	10310	R	Nov 17/23
	10311	Blank	Nov 17/23
	10312	R	Nov 17/23
	10313	R	Nov 17/23
	10314	R	Nov 17/23
	10315	R	Nov 17/23
	10316	Blank	Nov 17/23
	10317	R	Nov 17/23
	10318	R	Nov 17/23
	10319	R	Nov 17/23
	10320	R	Nov 17/23
	10321	Blank	Nov 17/23
	10322	R	Nov 17/23
	10323	R	Nov 17/23
	10324	R	Nov 17/23
	10325	R	Nov 17/23
	10326	Blank	Nov 17/23
	10327	R	Nov 17/23
	10328	R	Nov 17/23
	10329	Blank	Nov 17/23
	10330	R	Nov 17/23
	10331	R	Nov 17/23
	10332	R	Nov 17/23
	10333	R	Nov 17/23
	10334	Blank	Nov 17/23
	10335	R	Nov 17/23
	10336	R	Nov 17/23

LIST OF EFFECTIVE PAGES (Continued)

SUBJECT	PAGE		DATE
	10337	Blank	Nov 17/23
	10338	R	Nov 17/23
	10339	R	Nov 17/23
	10340	R	Nov 17/23
	10341	R	Nov 17/23
	10342	R	Nov 17/23
	10343	R	Nov 17/23
	10344	R	Nov 17/23
	10345	R	Nov 17/23
	10346	Blank	Nov 17/23
	10347	R	Nov 17/23
	10348	R	Nov 17/23
	10349	R	Nov 17/23
	10350	Blank	Nov 17/23
	10351	R	Nov 17/23
	10352	R	Nov 17/23
	10353	Blank	Nov 17/23
	10354	R	Nov 17/23
	10355	R	Nov 17/23
	10356	Blank	Nov 17/23
	10357	R	Nov 17/23
	10358	R	Nov 17/23
	10359	Blank	Nov 17/23
	10360	R	Nov 17/23
	10361	R	Nov 17/23
	10362	R	Nov 17/23
	10363	R	Nov 17/23
	10364	Blank	Nov 17/23
	10365	R	Nov 17/23
	10366	R	Nov 17/23
	10367	Blank	Nov 17/23
	10368	R	Nov 17/23
	10369	R	Nov 17/23
	10370	Blank	Nov 17/23
	10371	R	Nov 17/23
	10372	R	Nov 17/23
	10373	Blank	Nov 17/23
	10374	R	Nov 17/23
	10375	R	Nov 17/23
	10376	R	Nov 17/23
	10377	R	Nov 17/23
	10378	R	Nov 17/23
	10379	R	Nov 17/23
	10380	Blank	Nov 17/23
	10381	R	Nov 17/23
	10382	R	Nov 17/23
	10383	R	Nov 17/23

SUBJECT	PAGE		DATE
	10384	R	Nov 17/23
	10385	R	Nov 17/23
	10386	R	Nov 17/23
	10387	Blank	Nov 17/23
	10388	R	Nov 17/23
	10389	R	Nov 17/23
	10390	R	Nov 17/23
	10391	R	Nov 17/23
	10392	R	Nov 17/23
	10393	R	Nov 17/23
	10394	R	Nov 17/23
	10395	Blank	Nov 17/23
	10396	R	Nov 17/23
	10397	R	Nov 17/23
	10398	R	Nov 17/23
	10399	R	Nov 17/23
	10400	R	Nov 17/23
	10401	R	Nov 17/23
	10402	R	Nov 17/23
	10403	R	Nov 17/23
	10404	R	Nov 17/23
	10405	R	Nov 17/23
	10406	R	Nov 17/23
	10407	R	Nov 17/23
	10408	R	Nov 17/23
	10409	R	Nov 17/23
	10410	R	Nov 17/23

SAFRAN

COMPONENT MAINTENANCE MANUAL
3868104/93261XX/C678202/H41X001/H456001/H517001/J064002/J708001/J744001/K044002

TABLE OF CONTENTS

	PAGE
INTRODUCTION	INTRO 1
1. Scope	INTRO 1
2. Product Support Services	INTRO 1
3. Usage Guide	INTRO 1
4. Abbreviations and Unit Symbols	INTRO 2
DESCRIPTION AND OPERATION -	1
1. Description	1
2. Operation	18
3. Technical Properties	21
4. Trim and Finish	24
TESTING AND FAULT ISOLATION -	1001
1. General	1001
2. Electrical Test Procedures	1002
3. Electrical Functional Tests	1002
4. Passenger Reading Light Aiming Test	1008
5. Operational Test of the Passenger Oxygen Door Latch	1008
6. Test Completion	1010
7. Fault Isolation Procedures	1011
SCHEMATIC AND WIRING DIAGRAMS -	2001
1. General	2001
DISASSEMBLY -	3001
1. General	3001
2. Disassembly Procedures	3001
A. Left-Hand Passenger Service Unit Assembly (IPL Figure 1)	3001
B. Left-Hand Passenger Service Unit Assembly (IPL Figure 1A)	3005
C. Left-Hand Passenger Service Unit Assembly (IPL Figure 1B)	3009
D. Left-Hand Passenger Service Unit Assembly (IPL Figure 1C)	3012
E. Left-Hand Passenger Service Unit Assembly (IPL Figure 1D)	3014
F. Passenger Service Unit Installation (IPL Figure 1E)	3017
G. Passenger Service Unit Installation (IPL Figure 1F)	3017
H. Passenger Service Unit Installation (IPL Figure 1G)	3017
I. Passenger Service Unit Installation (IPL Figure 1H)	3018
J. Passenger Service Unit Installation (IPL Figure 1J)	3018
K. Passenger Service Unit Installation (IPL Figure 1K)	3019
L. Passenger Service Unit Installation (IPL Figure 1L)	3020
M. Passenger Service Unit Installation (IPL Figure 1N)	3021
N. Passenger Service Unit Installation (IPL Figure 1M)	3022
O. Wire Harness Assembly - Deleted (IPL Figure 2)	3023
P. Left-Hand Oxygen Box Assembly (IPL Figure 3)	3023
Q. Left-Hand Oxygen Box Assembly (IPL Figure 3A)	3024
R. Door/Face Panel Assembly (IPL Figure 4)	3024
S. Speaker/NS/FSB Panel Assembly (IPL Figure 5)	3025
T. Speaker/NS/FSB Panel Assembly (IPL Figure 5A)	3027
U. Speaker/NS/FSB Panel Assembly (IPL Figure 5B)	3028

TABLE OF CONTENTS (Continued)

PAGE

V. Speaker/NS/FSB Panel Assembly (IPL Figure 5C) 3029
W. Speaker/NS/FSB Panel Assembly (IPL Figure 5D) 3030
X. Speaker/NS/FSB Panel Assembly (IPL Figure 5E) 3031
Y. Speaker/NS/FSB Panel Assembly (IPL Figure 5F) 3032
Z. Speaker/NS/FSB Panel Assembly (IPL Figure 5G) 3033
AA. Speaker/NS/FSB Panel Assembly (IPL Figure 5H) 3034
AB. Filler Panel Assembly (IPL Figure 6) 3035
AC. Filler Panel Assembly (IPL Figure 6A) 3036
AD. Filler Panel Assembly (IPL Figure 6B) 3036
AE. Filler Panel Assembly (IPL Figure 6C) 3037
AF. Filler Panel Assembly (IPL Figure 6D) 3037
AG. Filler Panel Assembly (IPL Figure 7) 3037
AH. Filler Panel Assembly (IPL Figure 7A) 3038
AI. Filler Panel Assembly (IPL Figure 8) 3038
AJ. Air Hose Assembly (IPL Figure 9) 3039
AK. Forward Load Clamp Assembly (IPL Figure 10) 3039
AL. Passenger Service Unit Panel Electrical Installation (IPL Figure 11) 3040
AM. Temperature Sensor Panel Assembly (IPL Figure 12) 3040
AN. Class Divider Filler Panel Assembly (IPL Figure 13) 3041
AO. Class Divider Filler Panel Assembly (IPL Figure 13A) 3041
AP. Passenger Service Unit Installation (IPL Figure 14) 3041
AQ. Oxygen Light Gasper Panel Assembly(IPL Figure 15) 3043
AR. Passenger Service Unit Installation (IPL Figure 16) 3045

CLEANING - 4001
1. General 4001
2. Safety Precautions 4003
3. Cleaning Procedures 4004
A. General Surface Cleaning (Including Vinyl-Decor Covered Panels) 4004
B. Cleaning Instructions and Material Specifications for Metal Parts 4006
C. Cleaning Instructions for Adhesives 4009
4. Metal Preservation and Corrosion Inhibition 4011

INSPECTION/CHECK - 5001
1. General 5001
2. Component Inspection/Checks 5001

REPAIR - 6001
1. General 6001
2. Replace or Install Bonded Components 6008
3. Replace Potted Inserts 6010
4. Fill and Relocate the Insert Holes 6015
5. Replace Adhesive-Backed Rubstrip or Placard 6016
6. Repair Electrical Circuits 6017
7. Repair Corrosion and Restore Metal 6018
8. Replace Trim/Extrusion 6028
9. Repair Fiberglass Composite Panel 6029
10. Fill Edge Holes in Honeycomb Panels 6045

TABLE OF CONTENTS (Continued)

PAGE

11. Fill and Fair out Procedure for Panel 6045
12. Paint and Prime the Composite Panels 6048
13. Repair Tedlar 6052
14. Replace Decorative Laminate 6055
15. Test Latch Replacement 6063

ASSEMBLY - 7001
1. General 7001
2. Assembly Procedures 7001
   A. Left-Hand Passenger Service Unit Assembly (IPL Figure 1) 7001
   B. Left-Hand Passenger Service Unit Assembly (IPL Figure 1A) 7005
   C. Left-Hand Passenger Service Unit Assembly (IPL Figure 1B) 7009
   D. Left-Hand Passenger Service Unit Assembly (IPL Figure 1C) 7012
   E. Left-Hand Passenger Service Unit Assembly (IPL Figure 1D) 7014
   F. Passenger Service Unit Installation (IPL Figure 1E) 7017
   G. Passenger Service Unit Installation (IPL Figure 1F) 7017
   H. Passenger Service Unit Installation (IPL Figure 1G) 7017
   I. Passenger Service Unit Installation (IPL Figure 1H) 7018
   J. Passenger Service Unit Installation (IPL Figure 1J) 7018
   K. Passenger Service Unit Installation (IPL Figure 1K) 7019
   L. Passenger Service Unit Installation (IPL Figure 1L) 7020
   M. Passenger Service Unit Installation (IPL Figure 1M) 7021
   N. Passenger Service Unit Installation (IPL Figure 1N) 7021
   O. Wire Harness Assembly - Deleted (IPL Figure 2) 7023
   P. Left-Hand Oxygen Box Assembly (IPL Figure 3) 7023
   Q. Left-Hand Oxygen Box Assembly (IPL Figure 3A) 7024
   R. Door/Face Panel Assembly (IPL Figure 4) 7024
   S. Speaker/NS/FSB Panel Assembly (IPL Figure 5) 7025
   T. Speaker/NS/FSB Panel Assembly (IPL Figure 5A) 7027
   U. Speaker/NS/FSB Panel Assembly (IPL Figure 5B) 7028
   V. Speaker/NS/FSB Panel Assembly (IPL Figure 5C) 7029
   W. Speaker/NS/FSB Panel Assembly (IPL Figure 5D) 7030
   X. Speaker/NS/FSB Panel Assembly (IPL Figure 5E) 7031
   Y. Speaker/NS/FSB Panel Assembly (IPL Figure 5F) 7032
   Z. Speaker/NS/FSB Panel Assembly (IPL Figure 5G) 7033
   AA. Speaker/NS/FSB Panel Assembly (IPL Figure 5H) 7034
   AB. Filler Panel Assembly (IPL Figure 6) 7035
   AC. Filler Panel Assembly (IPL Figure 6A) 7036
   AD. Filler Panel Assembly (IPL Figure 6B) 7036
   AE. Filler Panel Assembly (IPL Figure 6C) 7037
   AF. Filler Panel Assembly (IPL Figure 6D) 7037
   AG. Filler Panel Assembly (IPL Figure 7) 7037
   AH. Filler Panel Assembly (IPL Figure 7A) 7038
   AI. Filler Panel Assembly (IPL Figure 8) 7038
   AJ. Air Hose Assembly (IPL Figure 9) 7039
   AK. Forward Load Clamp Assembly (IPL Figure 10) 7039
   AL. Passenger Service Unit Panel Electrical Installation (IPL Figure 11) 7040
   AM. Temperature Sensor Panel Assembly (IPL Figure 12) 7040

TABLE OF CONTENTS (Continued)

PAGE

AN. Class Divider Filler Panel Assembly (IPL Figure 13) 7041
AO. Class Divider Filler Panel Assembly (IPL Figure 13A) 7041
AP. Passenger Service Unit Installation (IPL Figure 14) 7041
AQ. Oxygen Light Gasper Panel Assembly(IPL Figure 15) 7043
AR. Passenger Service Unit Installation (IPL Figure 16) 7045

SPECIAL TOOLS, FIXTURES, EQUIPMENT, AND CONSUMABLES - 9001
1. General 9001

ILLUSTRATED PARTS LIST (IPL) 10001
1. General 10003
2. Scope of Information 10003
3. Equipment Designator Index 10003
4. Numerical Index 10003
5. Explanation of Detailed Parts List Entries 10004
6. Manufacturer's Names and Addresses 10006

Manufacturer's Names and Addresses 10007

Equipment Designator Index 10019

Alpha/Numeric Index 10021

Detailed Parts List 10081

LIST OF ILLUSTRATIONS

FIGURE	TITLE	PAGE
1	Primary Components	3
2	Primary Components	4
3	Primary Components	8
4	Primary Components	12
5	PSU Manual Deployment	20
6	Passenger Service Unit - Trim and Finish	35
7	Passenger Service Unit - Trim and Finish	36
1001	Passenger Reading Light Aiming	1007
1002	Operational Test of the Passenger Oxygen Door Latch	1009
2001	Wiring Diagram	2002
2002	Wiring Diagram	2004
6001	Insert Installation with Potting Compound	6014
6002	Fill and Relocate the Insert holes	6016
6003	Damage in Honeycomb Panels	6030
6004	Potting Compound or Solid Repair	6040
6005	Scarf Repair Procedure	6040
6006	Taper Scarf Repair	6044
6007	Criss-Cross Pattern	6049
6008	1- ½+ Criss-Cross Pattern	6051
6009	Extensive Damage on Tedlar	6054

Detailed Parts List

1	Left-Hand Passenger Service Unit Assembly	10082
1A	Left-Hand Passenger Service Unit Assembly	10106
1B	Left-Hand Passenger Service Unit Assembly	10126
1C	Left-Hand Passenger Service Unit Assembly	10144
1D	Left-Hand Passenger Service Unit Assembly	10156
1E	Passenger Service Unit Installation	10170
1F	Passenger Service Unit Installation	10174
1G	Passenger Service Unit Installation	10180
1H	Passenger Service Unit Installation	10182
1J	Passenger Service Unit Installation	10186
1K	Passenger Service Unit Installation	10190
1L	Passenger Service Unit Installation	10198
1M	Passenger Service Unit Installation	10206
1N	Passenger Service Unit Installation	10210
2	Wire Harness Assembly - Deleted	10218
3	Oxygen Box Assembly	10220
3A	Oxygen Box Assembly	10230
4	Door/Face Panel Assembly	10240
5	Speaker/NS/FSB Panel Assembly	10246
5A	Speaker/NS/FSB Panel Assembly	10258
5B	Speaker/NS/FSB Panel Assembly	10268
5C	Speaker/NS/FSB Panel Assembly	10278
5D	Speaker/NS/FSB Panel Assembly	10290
5E	Speaker/NS/FSB Panel Assembly	10300
5F	Speaker/NS/FSB Panel Assembly	10312

LIST OF ILLUSTRATIONS (Continued)

FIGURE	TITLE	PAGE
5G	Speaker/NS/FSB Panel Assembly	10322
5H	Speaker/NS/FSB Panel Assembly	10330
6	Filler Panel Assembly	10338
6A	Filler Panel Assembly	10342
6B	Filler Panel Assembly	10344
6C	Filler Panel Assembly	10348
6D	Filler Panel Assembly	10354
7	Filler Panel Assembly	10360
7A	Filler Panel Assembly	10362
8	Filler Panel Assembly	10368
9	Air Hose Assembly	10374
10	Forward Load Clamp Assembly	10376
11	Passenger Service Unit Panel Electrical Installation	10378
12	Temperature Sensor Panel Assembly	10384
13	Class Divider Filler Panel Assembly	10388
13A	Class Divider Filler Panel Assembly	10390
14	Passenger Service Unit Installation	10392
15	Oxygen Light Gasper Panel Assembly	10396
16	Passenger Service Unit Installation	10408

LIST OF TABLES

TABLE	TITLE	PAGE
1	Technical Properties	21
2	Operator Trim and Finish Codes	24
3	Trim and Finish For Brit Air / Skywest STC (J74)	26
4	Trim and Finish For Horizon / AMR / Mesa (YV) / Mesa STC / US Airways / Horizon "A"	26
5	Trim and Finish For Lufthansa (CLH) / CASC / Styrian (SS)	27
6	Trim and Finish For Maersk / Cameroon / Shandong	27
7	Trim and Finish For ASA (EV)	27
8	Trim and Finish For Comair (OH) / Skywest / Gojet / Skywest Dual Class	27
9	Trim and Finish For CASC STC	28
10	Trim and Finish For Northwest 76 Pax / Pinnacle / Skywest NG / Suncor / PAS / Rwandair / China Express / Poly Technologies / IBEX / CityJet / Skywest STC (J70)	30
11	Trim and Finish For ASA STC	30
12	Trim and Finish For US Airways STC	30
13	Trim and Finish For Lufthansa / Styrian	31
14	Trim and Finish For Mesa Single Class / Mesa Dual Class	31
15	Trim and Finish For Air Canada	31
16	Trim and Finish For Skywest Delta	32
17	Trim and Finish For Atlas Jet / Air One / Air Nostrum	32
18	Trim and Finish For ASA	32
19	Trim and Finish For Comair	33
20	Trim and Finish For Skywest STC	33
21	Trim and Finish For GoJet STC	33
22	Trim and Finish For Skywest STC (J06)	34
23	Trim and Finish For Skywest NG 2 / Undisclosed / AMR / UGANDA / CHORUS / DOW Chemical / Endeavor STC (H41)	34
1001	Test Equipment and Materials	1001
1002	Passenger Reading Light Forward Angle	1008
1003	Fault Isolation Procedures	1011
2001	Wiring Diagrams	2001
4001	Cleaning Tools and Materials	4001
5001	Inspection/Check Procedures	5001
6001	Repair Materials	6002
6002	Adhesive Cure Time	6012
6003	Properties of Corrosion-Inhibition Compound (CIC) Materials	6026
9001	Special Tools, Fixtures, and Equipment	9001
9002	Consumables	9002

This page intentionally left blank.

INTRODUCTION

TASK 25-28-48-99F-801-A01

1. Scope

NOTE: To help the customer with their airframe-level documentation tasks, this CMM also contains information for the monument installation on the aircraft.

NOTE: This manual uses the task and subtask identification of the Maintenance Task Oriented Support System (MTOSS). The maintenance tasks and other data have special MTOSS numbers for the use of Electronic Data Processing (EDP).

This Component Maintenance Manual (CMM) contains maintenance instructions and lists replacement parts for the Passenger Service Units (PSU) Assembly, PNs 3868104-111, -112, 9326101-101, -102, -103, -104, -105, -106, -107, -108, -109, -110, 9326103-101, -107, 9326107-101, -102, -104, -105, -107, -108, -109, 9326108-101, -102, 9326110-101, -102, -104, -105, -106, -107, -108, 9326114-101, -102, 9326115-101, -102, -103, -104, -105, -107, -108, -109, -110, -111, -113, -114, 9326116-101, -102, -103, -104, -105, -106, -107, -108, -109, -110, -111, -112, -113, -114, -115, -116, -117/ -118, -119, -120, -121, -122, -125, -126, -127, -128, -129, -130, -131, -132, -135, -136, -137, -138, -139, -140, 9326117-101, -103, -105, -107, -109, 9326118-101, -103, 9326119-101, 9326120-101, -103, 9326121-101, -102, -103, -105, -106, -107, 9326122-102, 9326123-101, 9326124-101, -106, -107, -108, -109, -110, -111, -112, 9326125-101, -102, 9326127-101, -102, -103, 9326128-101, -102, -104, 9326130-101, -102, -103, -104, -105, -106, C678202-111, -113, -115, and and Passenger Service Unit (PSU) Installation, PNs H416001-101, -103, -107, -109, -111, -113, -115, -117, -119, H417001-101, H456001-101, H517001-101, J064002-101, J708001-101, 744001-101, -103, -105, K044002-101 and K044002-103.

TASK 25-28-48-99F-802-A01

2. Product Support Services

Replacement parts, technical publications, and other product support services are available from Safran Cabin Inc. Please refer to:

Safran Cabin Inc.
7330 Lincoln Way
Garden Grove, CA 92841
USA
(V56135)

Telephone: (657) 227-5505

TASK 25-28-48-99F-803-A01

3. Usage Guide

A. Refer to TABLE OF CONTENTS to find the applicable maintenance procedures or other data.

(1) DESCRIPTION AND OPERATION section describes the purpose, primary components, operation, and technical properties of the Passenger Service Unit.

(2) TESTING AND FAULT ISOLATION section contains test and fault isolation procedures.

(3) SCHEMATIC AND WIRING DIAGRAMS section contains wiring diagrams illustration.

(4) DISASSEMBLY section gives special procedures to disassemble the Passenger Service Unit Assembly for the repair or parts replacement.

(5) CLEANING section gives procedures to clean the components of the Passenger Service Unit Assembly.

(6) INSPECTION/CHECK section gives procedures to examine parts for worn areas and damage.

(7) REPAIR section contains procedures to replace potted inserts, replace bonded components, and make other repairs.

(8) ASSEMBLY section gives special procedures to assemble the Passenger Service Unit Assembly

(9) SPECIAL TOOLS, FIXTURES, EQUIPMENT, AND CONSUMABLES sectiongives the recommended special tools, fixtures, test equipment and consumable materials used in this manual.

(10) ILLUSTRATED PARTS LIST (IPL) section contains the data needed to order the replacement parts. An equipment designator index, a numerical index, and exploded-view illustrations keyed to the parts lists are provided to help find and identify the parts. The introduction gives more data.

B. The sections contain a table of recommended tools and materials, when applicable. Equivalent items can be used.

C. The procedures in this manual follow the specifications utilized during production and are thereby shop verified.

TASK 25-28-48-99F-804-A01

4. Abbreviations and Unit Symbols

Abbreviations and unit symbols used in this manual are defined below. All weights and measurements are given first in English standard units followed by the metric equivalent in parentheses.

%	Percent
–	Not Illustrated
°	Degrees
°C	Degrees Celsius
°F	Degrees Fahrenheit
<	Less than
>	Greater than
±	Plus or Minus
©	Copyright Sign
®	Registered Sign

™	Trade Mark
(-)	Negative charge
(+)	Positive charge
A	Ampere
AC	Alternating Current
ACMM	Abbreviated Component Maintenance Manual
ALT	Alternate
AR	As Required
ASSY	Assembly
ATA	Air Transport Association
ATT	Attendant
AWG	American Wire Gauge
CAB	Cabinet
CAGE	Commercial And Government Entity
CAS	Chemical Abstracts Service
CB	Circuit Breaker
CD	Compact Disc
CIC	Corrosion Inhibiting Compounds
CLG	Ceiling
cm	Centimeter (1 cm = 0.394 in.)
CMM	Component Maintenance Manual
Co.	Company
Corp.	Corporation
CVMS	Camera Video Monitoring System
DET	Detail
Div.	Division
EAR	Export Administration Regulations
ECCN	Export Control Classification Number

EDFSB	Electronic Device / Fasten Seat Belt
EDP	Electronic Data Processing
EFF	Effectivity
EFFECT	Effectivity
EMER	Emergency
FDA	Food and Drug Administration
Fed.	Federal
FEXT	Fire Extinguisher
FIG.	Figure
FR	Fluid Resistant
FSB	Fasten Seat Belt
ft²	Square Foot
FTI	Flight Test Instruments
FWD	Forward
g	Grams (1 g = 0.002 lb)
GB	Green, Blue
GBW	Green, Blue, White
H.V.L.P.	High Volume Low Pressure
Hrs	Hours
Hz	Hertz
ID	Identification
in	Inch
INBD	Inboard
INC	Incorporated
Inc.	Incorporated
INSTL	Installation
IPL	Illustrated Parts List
ISO	International Organization for Standardization

kg	Kilogram (1 kg = 2.205 lb)
kPa	Kilopascal (1 kPa = 0.145 psi)
lb	Pound
lbf.in	Pound force inch
lbf-in	Pound Force Inch
LED	Light Emitting Diode
LH	Left-Hand
LLA	Lavatory Light Adapter
LLC	Limited Liability Company
LOS	Lavatory Occupied Sign
Ltd.	Limited Company
LWR	Lower
m²	Square Meter
MEK	Methyl Ethyl Ketone
Mfg.	Manufacturing
MIL	Military
min	Minutes
ml	Milliliter (1 ml = 0.034 oz)
MSDS	Material Safety Data Sheets
MTOSS	Maintenance Task Oriented Support System
N	Newton
N/A	Not Applicable
NC	No Change
NCR	Non-Conformance Report
NHA	Next Higher Assembly
Nm	Newton meter
N-m	Newton Meter
No.	Number

NS	No Smoking
NS/FSB	No Smoking / Fasten Seat Belt
NS/FSB	No Smoking / Fasten Seat Belt
NTF	Non Textile Floor Covering
OEM	Original Equipment Manufacturer
OPT	Optional
OUTBD	Outboard
OXY	Oxygen
oz	Ounces
PA	Public Address
PB	Push-Button
PCB	Printed Circuit Board
PN	Part Number
PSA-STA	Passenger Service Adapter Stand Alone
psi	Pound per Square Inch
PSU	Passenger Service Unit
RB	Red, Blue
RBW	Red, Blue, White
RDCR	Reducer
REQ'D	Required
REV	Revision
REV.	Revision
RF	Reference
RG	Red, Green
RGW	Red, Green, White
RH	Right-Hand
RPLD	Replaced
RPLS	Replaces

SB	Service Bulletin
SM	Smart Monitor
Spec.	Specification
SUPSD	Superseded
SUPSDS	Supersedes
TEMP.	Temporary
TWF	Touchless Waste Flap
UPR	Upper
USDA	United States Department of Agriculture
VAC	Volts Alternating Current
VDC	Volts Direct Current
Vrms	Voltage, Root Mean Square
W	Watts
W/O	Without
WHT	White

This page intentionally left blank.

TASK 25-28-48-870-801-A01

1. Description

A. The primary components of the Passenger Service Units (PSU) are shown in Figure 1.

B. The PSUs are installed along the length of the passenger cabin area, above the passenger seats. There are two latches on the inboard side of the panel that snap onto a bracket installed on the outboard bottom area of the overhead bin system.

C. PSU installation are divided into three (3) top assemblies, which have important differences in their shape and function. One PSU assembly contains an emergency oxygen supply, reading lights, gasper air, an attendant call button and light (Figure 2). The second contains a speaker panel and a No Smoking / Fasten Seat Belt (NS/FSB) sign (Figure 3). The third is a filler panel (Figure 4).

(1) PSU Assembly (Figure 2).

(a) All PSUs covered in this manual contain an emergency oxygen generator with separate flow supply lines for each passenger mask assembly: two masks (LH Side) or three masks (RH side). The passenger oxygen system operates automatically during cabin depressurization, smoke dispersion in the cabin or when cabin altitude is above a preset value. The flight crew manually operates the passenger oxygen system from the flight compartment, which electrically operates the latch assembly to release the spring loaded doors (Sheet 3).

(b) The lanyard attached to the passenger mask assembly extracts the pull pin from emergency oxygen generator.

(c) There is a passenger reading light assembly that contains two light assemblies. Electrical power for the lights is supplied through a 28VDC line through the main panel disconnect. Control of the light assembly is through three locations: one location is on the forward flight attendant panel, the second is located in the cockpit, the third is manual operation by passenger seat occupant.

(d) The panel contains an air gasper assembly that supplies forced/cooled air to the passenger at the air outlet. The air outlet is connected to the aircraft air ventilation system through the air outlet hose.

(e) The panel contains an attendant call button and indicator light. Electrical power is supplied to the call button through a 28VDC from the main panel disconnect.

(2) Speaker / NS/FSB Panel Assembly (Figure 3).

(a) The panel assembly contains a speaker and an illuminated No Smoking / Fasten Seat Belt (NS/FSB) sign. Electrical Power is supplied to the speaker and the illuminated NS/FSB sign by a 28VDC line that connects to shipside harness.

(b) Control for the speaker is from the main aircraft Public Address (PA) system amplifier.

(c) Control for the illuminated NS/FSB sign is from two locations: one is located in the cockpit, and the second is located in the forward flight attendant panel.

(d) The panel is installed on the outboard side with a rotating hinge bracket that hooks onto support brackets on the aircraft structure. There are two latches on the inboard side of the panel that snap onto a bracket installed on the outboard bottom area of the overhead bin system.

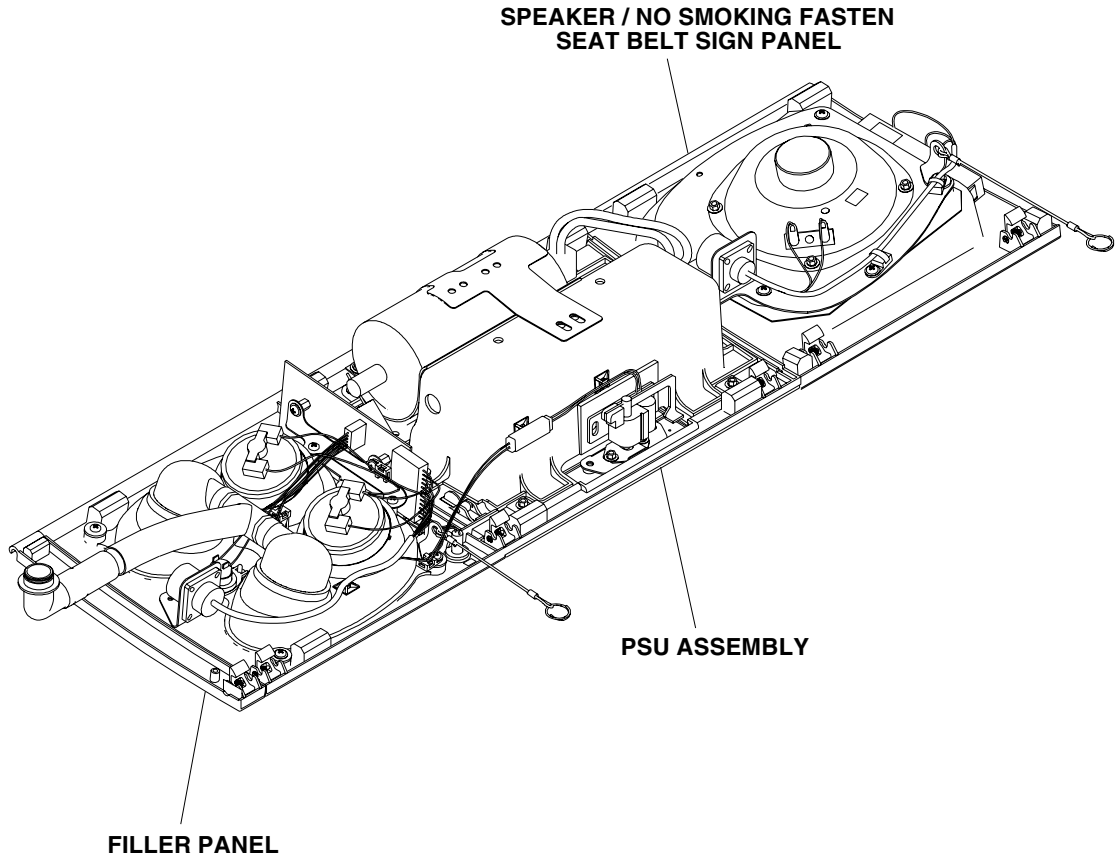
(3) Filler Panel Assembly (Figure 4).

The filler panels are made of varying lengths to aid in the placement of the PSU panels in conjuction with the placement of the passenger seats. Some panels are segmented into one-inch increments to allow for movement to align with the seat placement and pitch. The length of filler panels for CASC STC customer were made longer to match the new seating configuration in the forward area of the aircraft.

D. All components visible to passenger have decorative finishes (Figures 6 and 7).

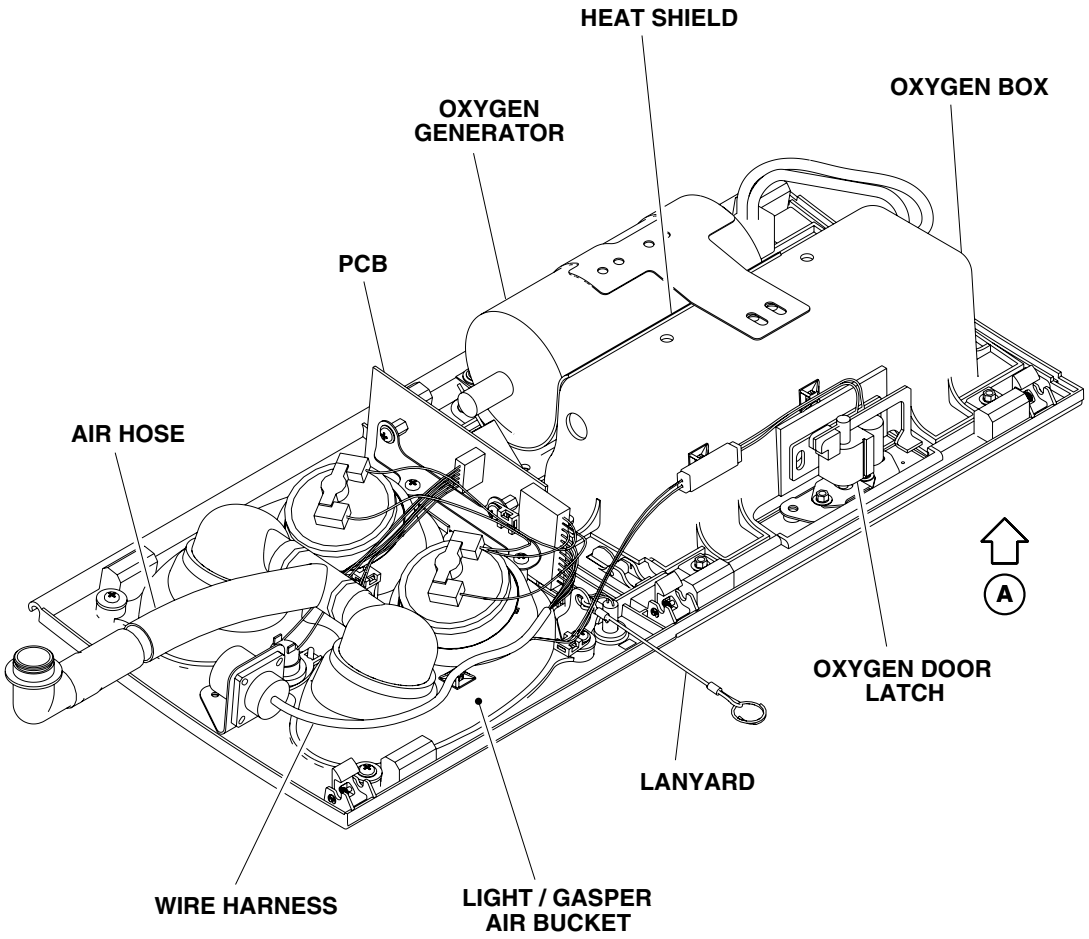
E. All components are mounted on light-weight panel assemblies.

F. All air and electrical items are mounted behind panels out of passenger view.



252848DO0101

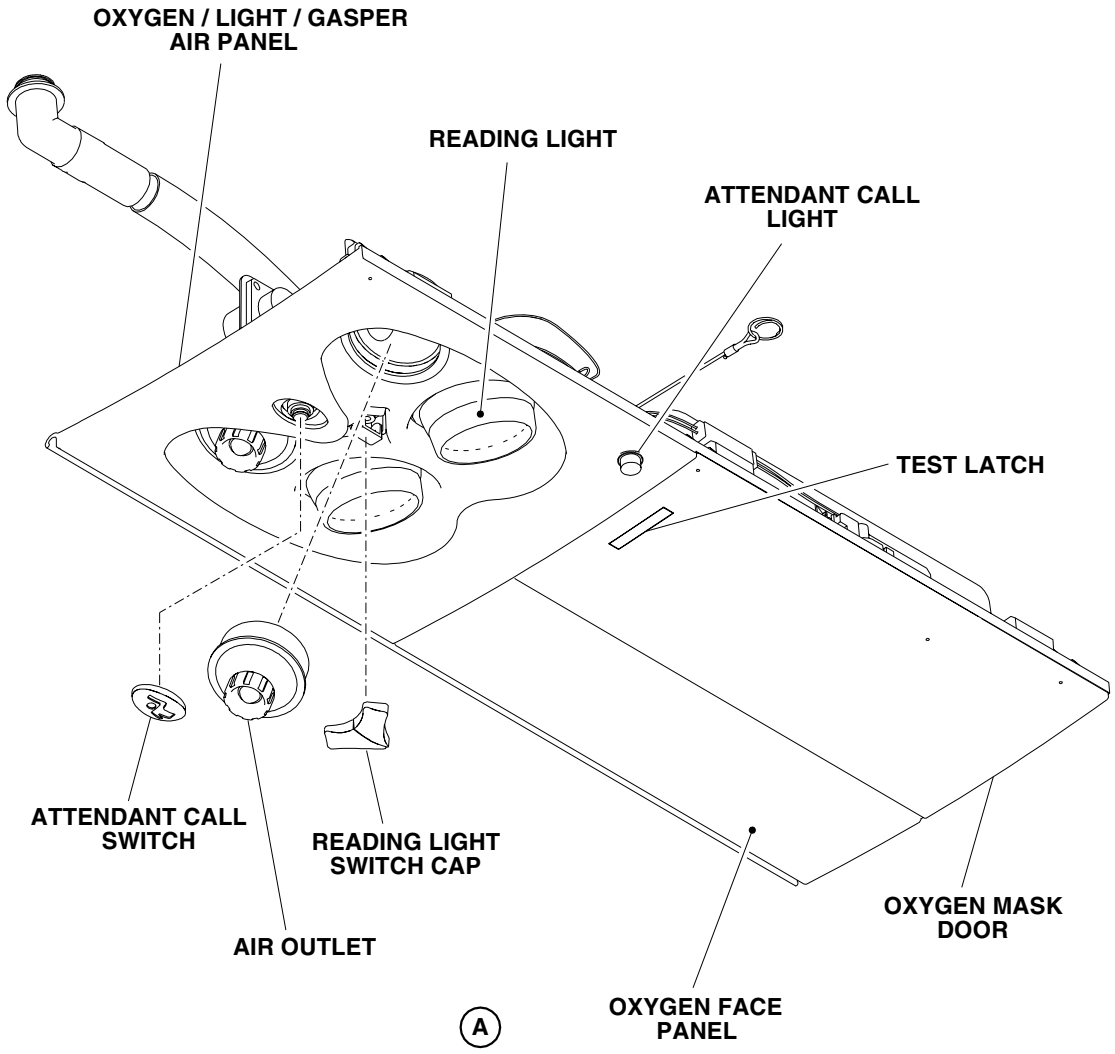
Primary Components
Figure 1/GRAPHIC 25-28-48-870-001-A01



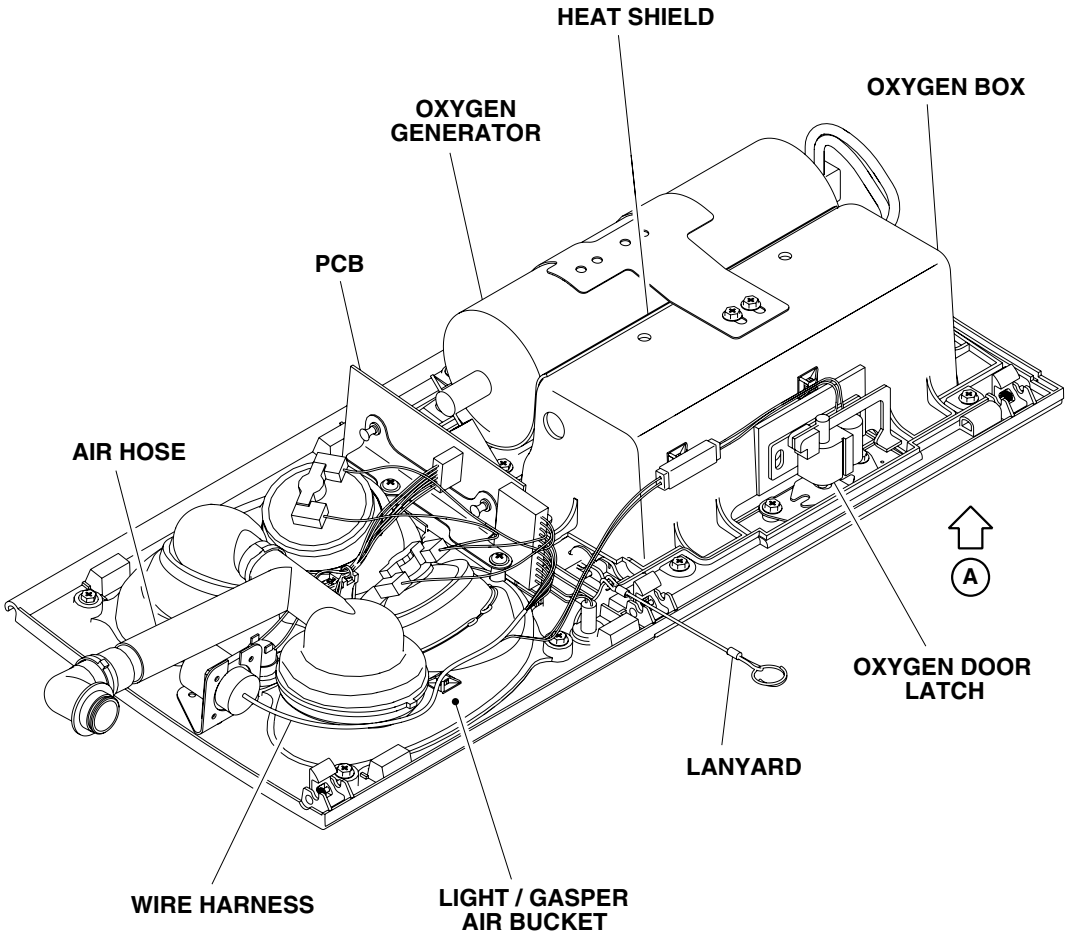
9326107–101	9326115–101	9326115–113	9326127–103
9326107–102	9326115–102	9326115–114	9326128–101
9326107–103	9326115–103	9326121–101	9326128–102
9326107–104	9326115–104	9326161–102	9326128–104
9326107–105	9326115–105	9326121–103	H839103–101
9326107–107	9326115–107	9326121–105	H839103–103
9326107–108	9326115–108	9326121–106	H839105–101
9326107–109	9326115–109	9326121–107	H839105–102
9326114–101	9326115–110	9326127–101	
9326114–102	9326115–111	9326127–102	

252848DO0201

Primary Components
(Sheet 1 of 4)
Figure 2/GRAPHIC 25-28-48-870-002-A01



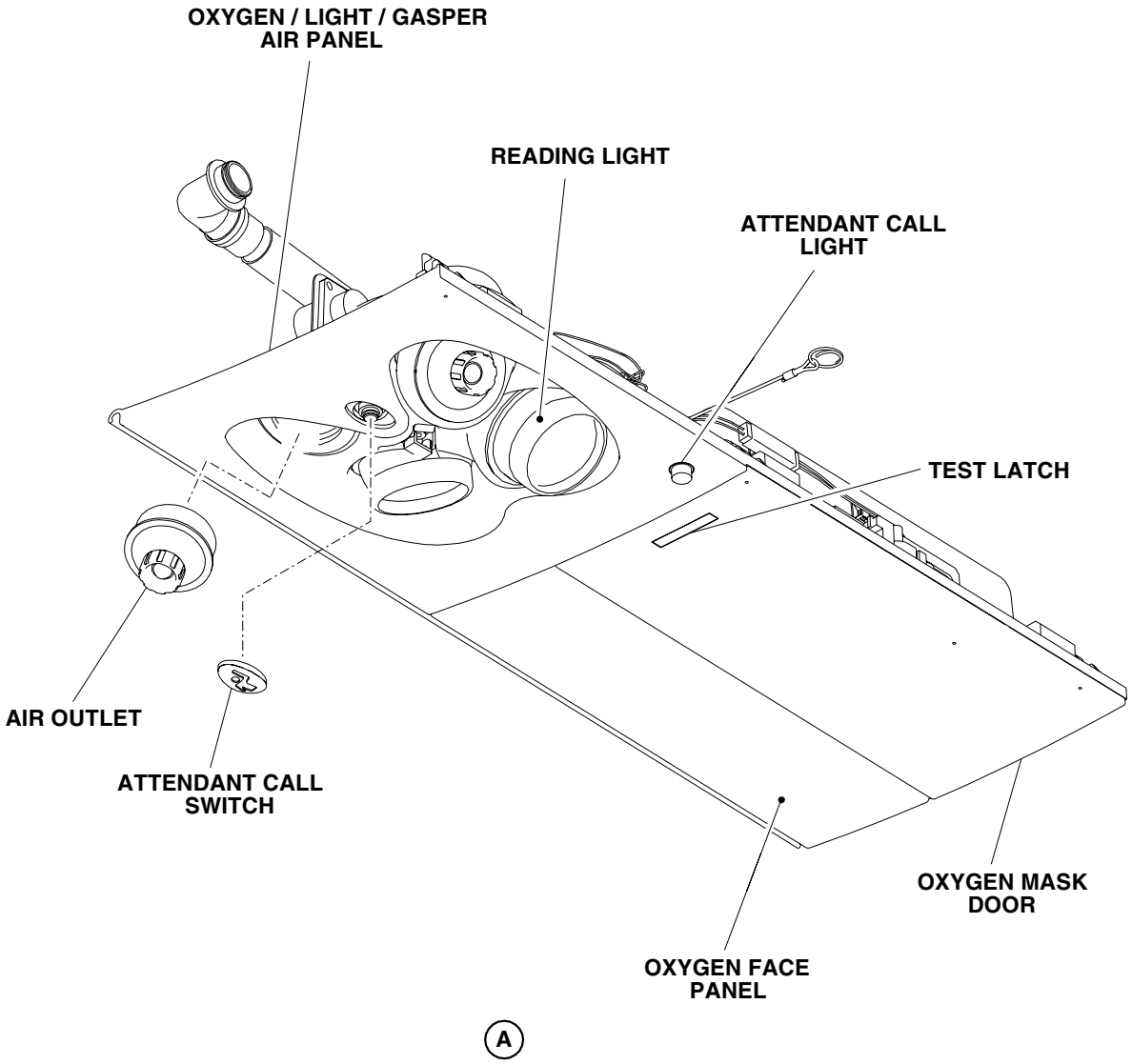
Primary Components
(Sheet 2 of 4)
Figure 2/GRAPHIC 25-28-48-870-002-A01



9326108–101	9326110–105
9326108–102	9326110–106
9326110–101	9326110–107
9326110–102	9326110–108
9326110–104	9326122–102

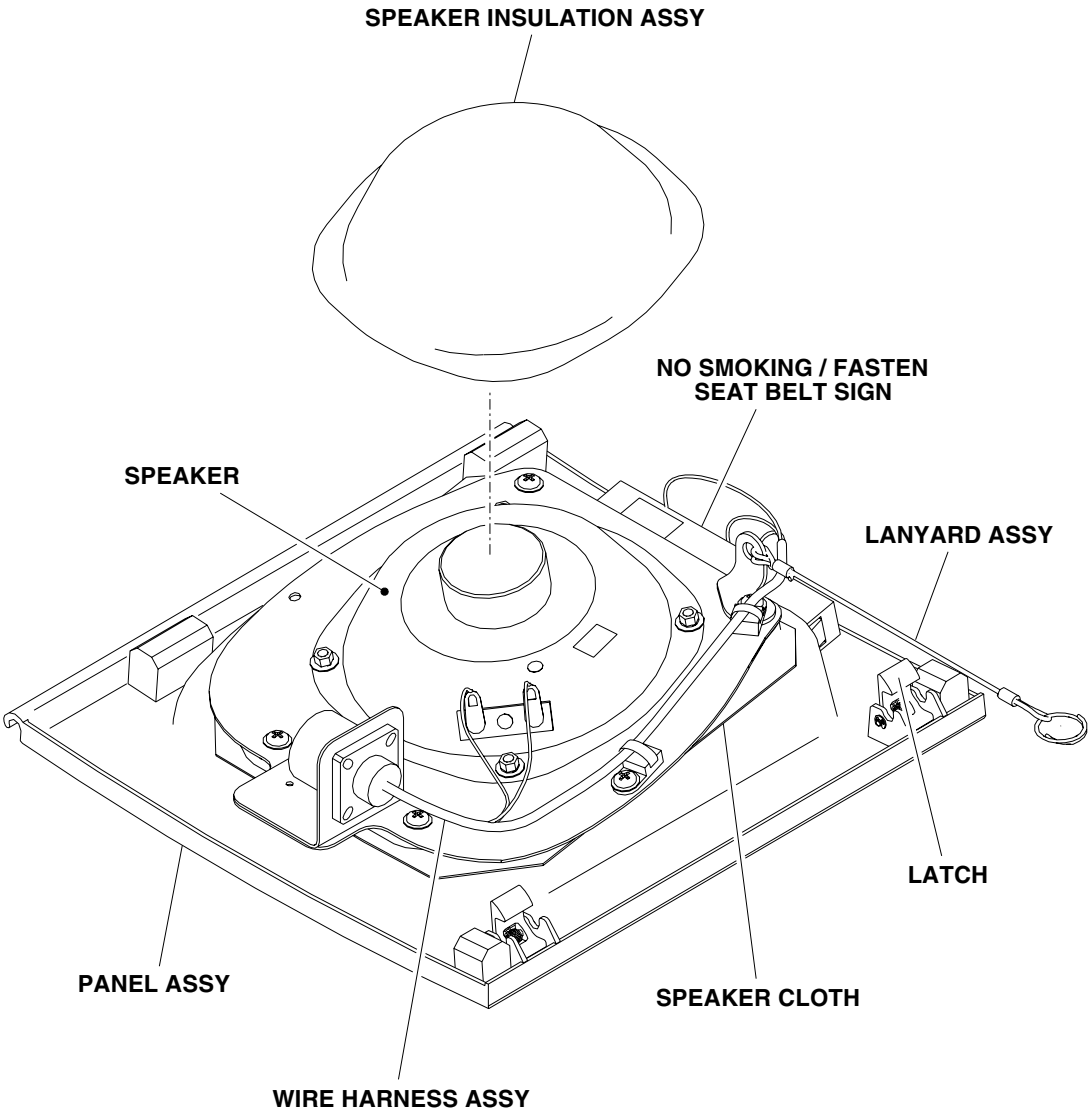
252848DO0203

Primary Components
(Sheet 3 of 4)
Figure 2/GRAPHIC 25-28-48-870-002-A01



252848DO0204

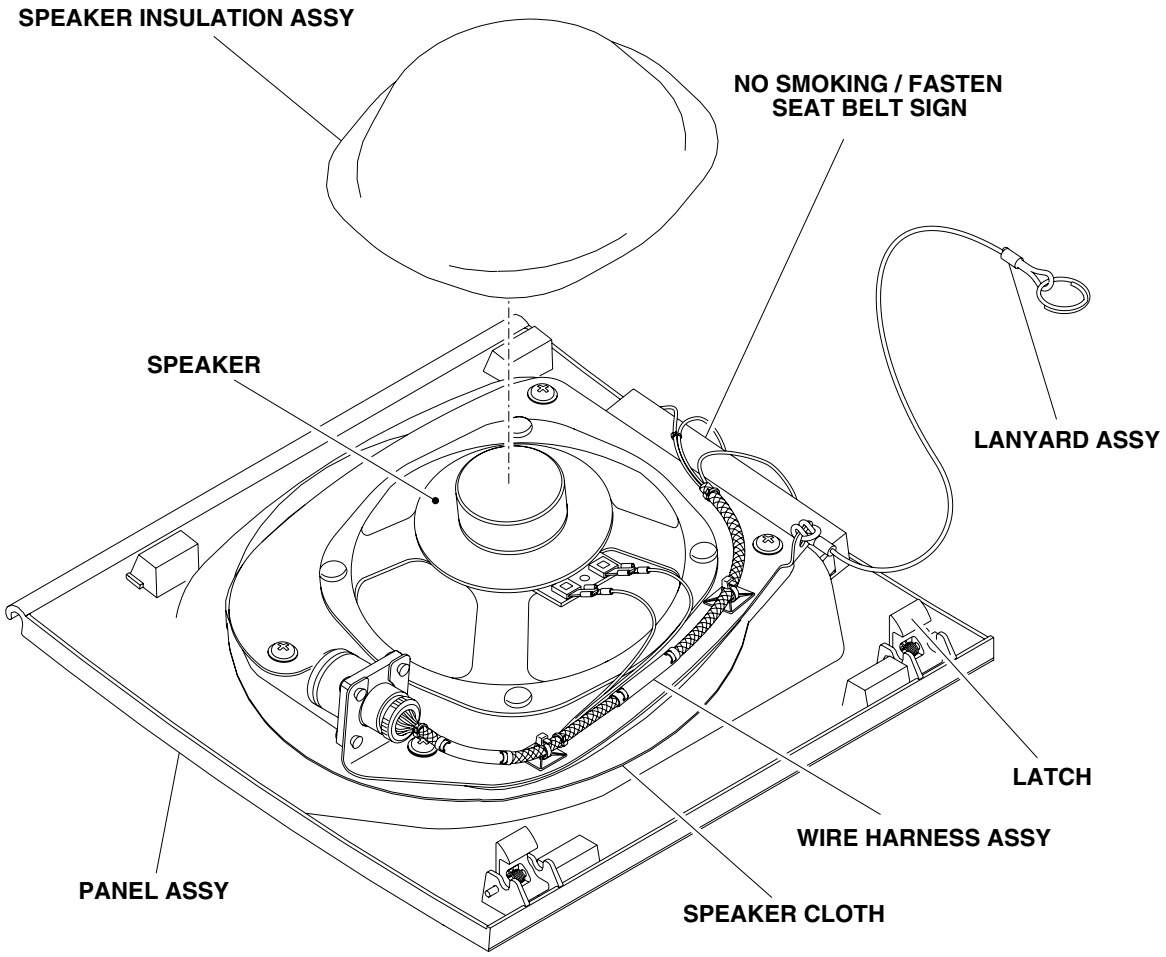
Primary Components
(Sheet 4 of 4)
Figure 2/GRAPHIC 25-28-48-870-002-A01



9326101–101	9326101–109
9326101–102	9326101–110
9326101–105	9326130–101
9326101–106	9326130–102
9326101–107	9326130–105
9326101–108	9326130–106

252848DO0301

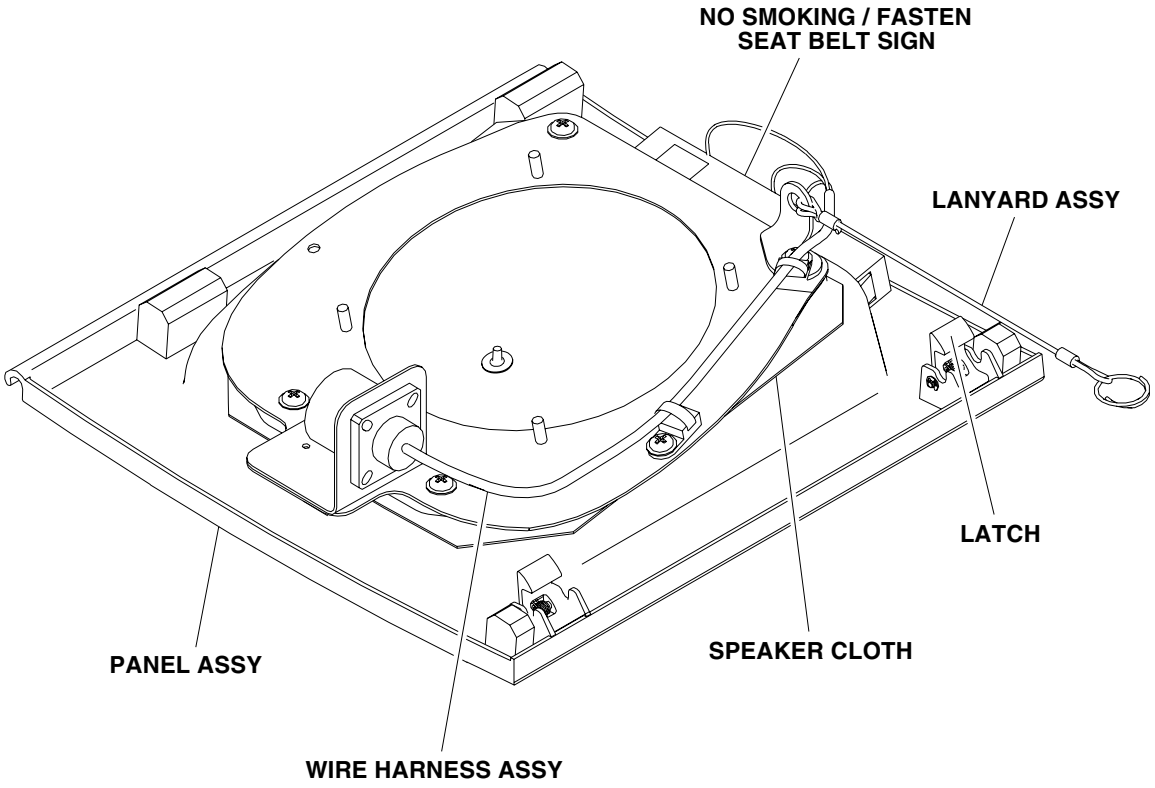
Primary Components
(Sheet 1 of 4)
Figure 3/GRAPHIC 25-28-48-870-003-A01



9326116–101	9326116–116	9326116–129	9326124–106
9326116–102	9326116–117	9326116–130	9326124–107
9326116–105	9326116–118	9326116–131	9326124–108
9326116–106	9326116–119	9326116–132	9326124–109
9326116–107	9326116–120	9326116–135	9326124–110
9326116–108	9326116–121	9326116–136	9326124–111
9326116–109	9326116–122	9326116–137	9326124–112
9326116–110	9326116–125	9326116–138	H839120–101
9326116–111	9326116–126	9326116–139	H839120–102
9326116–112	9326116–127	9326116–140	
9326116–115	9326116–128	9326124–101	

252848DO0302

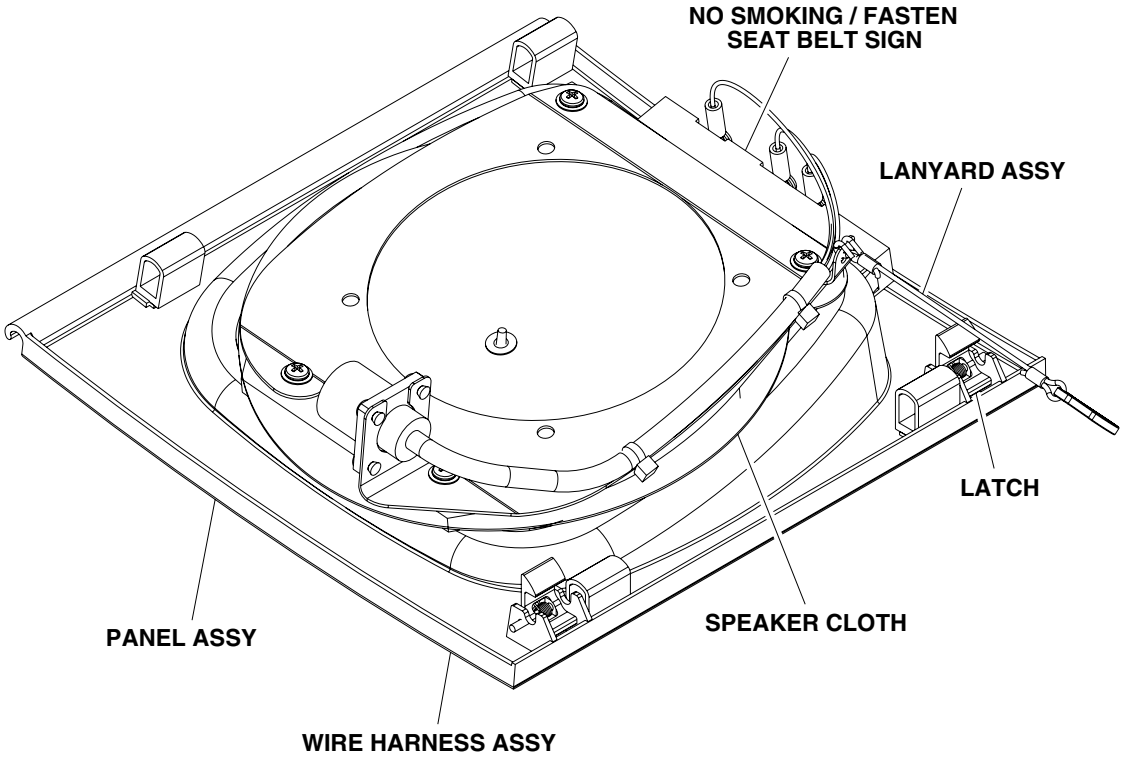
Primary Components
(Sheet 2 of 4)
Figure 3/GRAPHIC 25-28-48-870-003-A01



9326101–103
9326101–104
9326116–103
9326116–104
9326116–113
9326116–114
9326130–103
9326130–104

252848DO0303

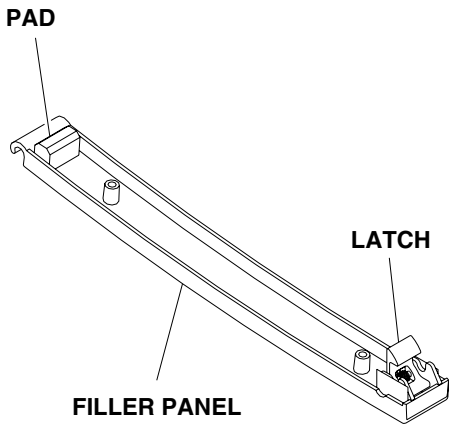
Primary Components
(Sheet 3 of 4)
Figure 3/GRAPHIC 25-28-48-870-003-A01



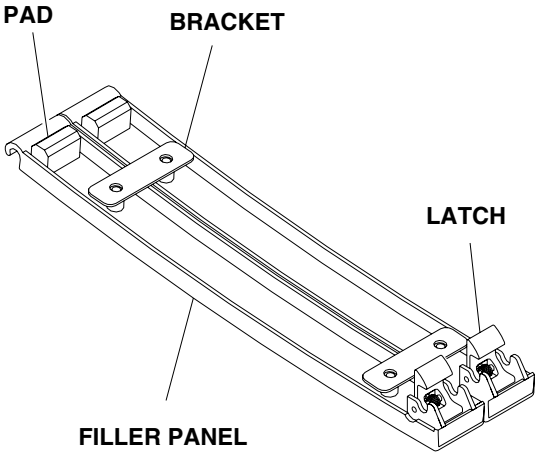
H839120–103
H839120–104

252848DO0304

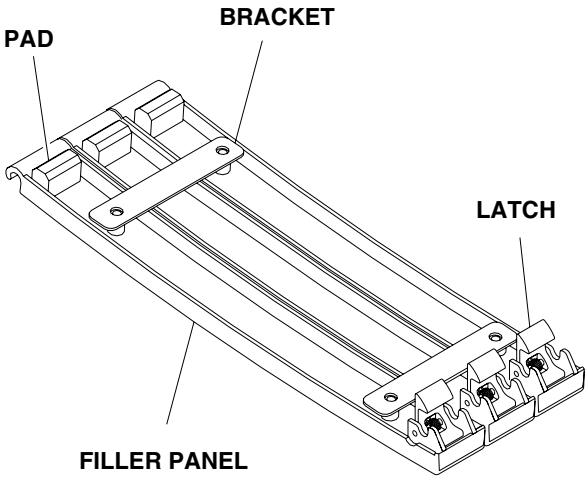
Primary Components
(Sheet 4 of 4)
Figure 3/GRAPHIC 25-28-48-870-003-A01



9326103–101
9326117–101



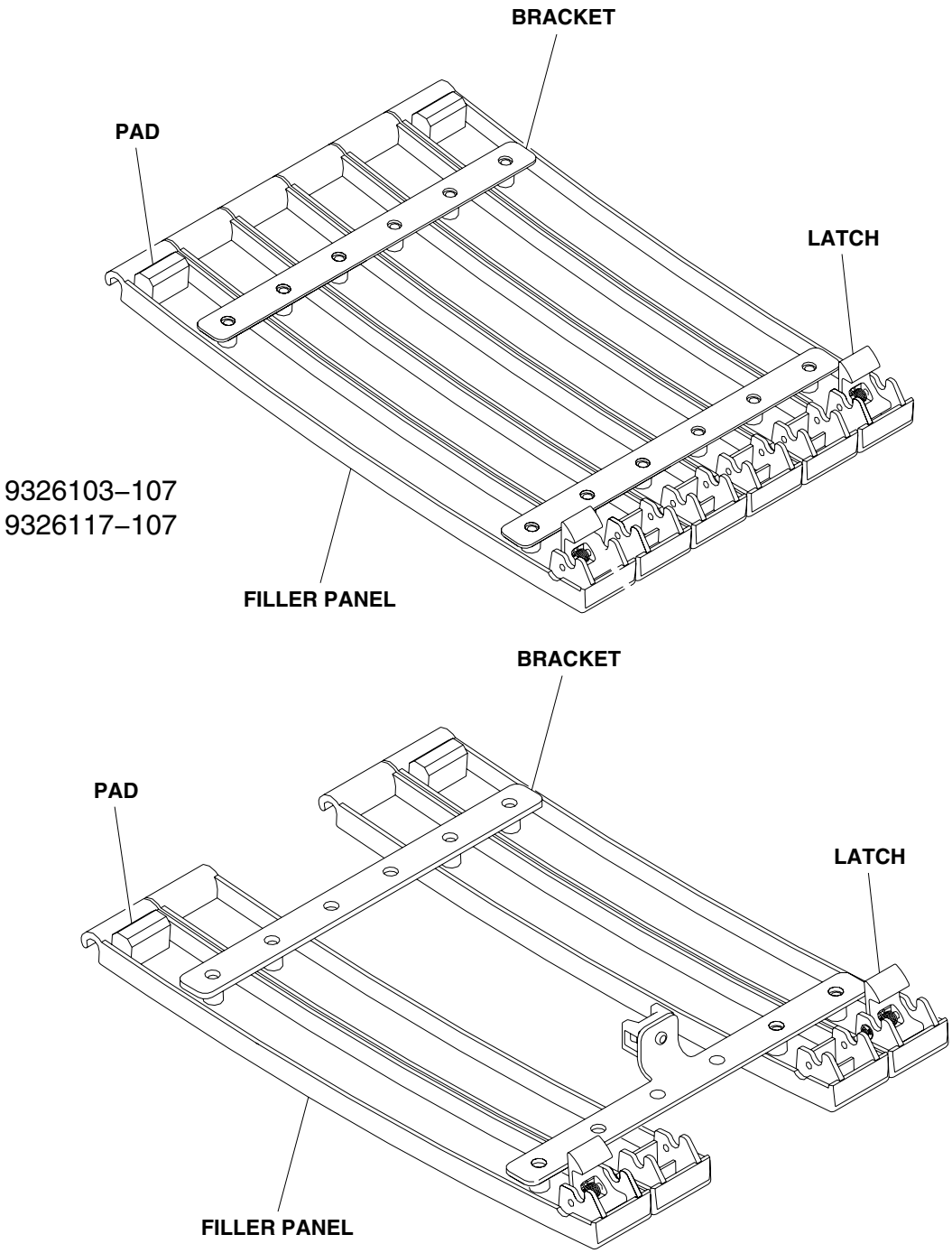
9326117–103



9326117–105

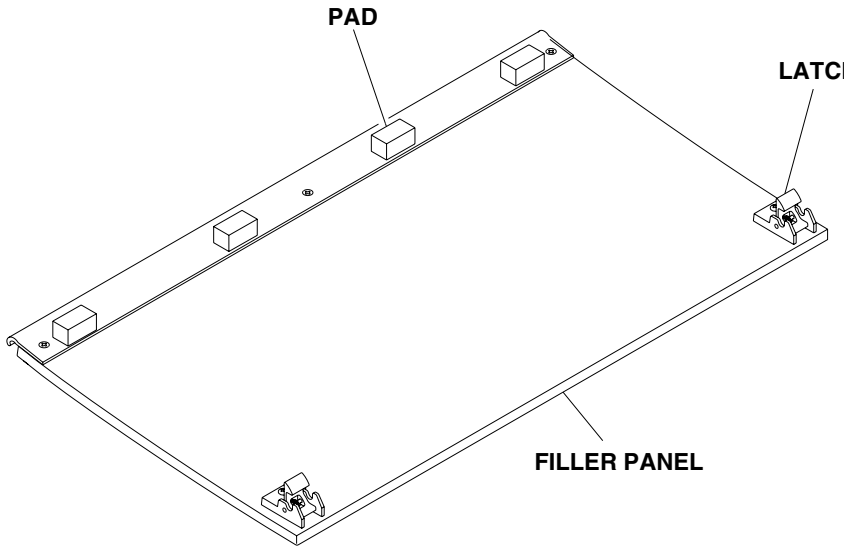
252848DO0401

Primary Components
(Sheet 1 of 6)
Figure 4/GRAPHIC 25-28-48-870-004-A01

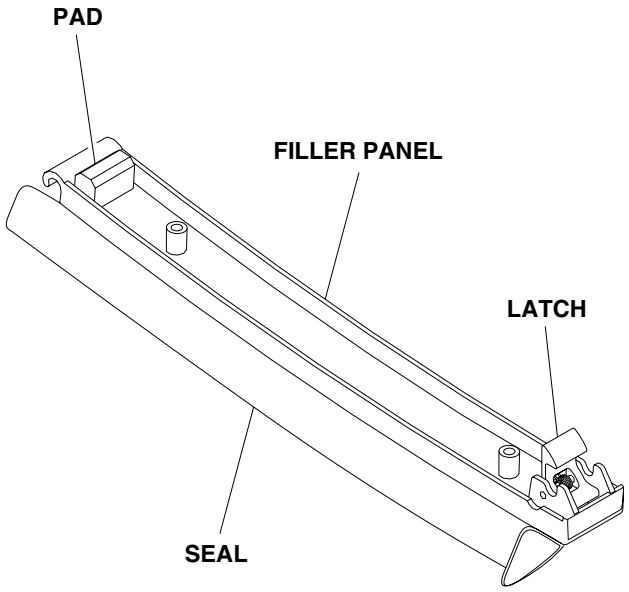


Primary Components
(Sheet 2 of 6)
Figure 4/GRAPHIC 25-28-48-870-004-A01

9326119–101
C678202–111
C678202–113
C678202–115

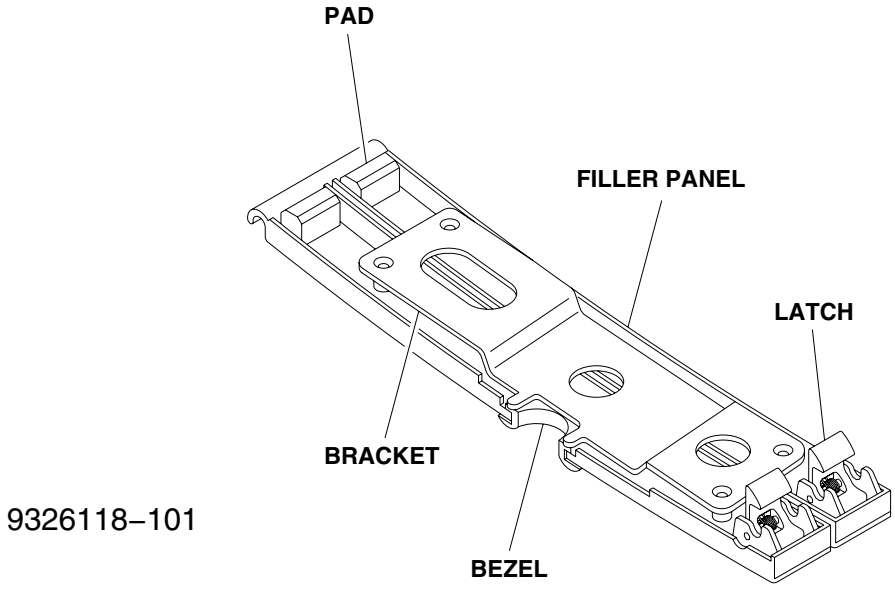


3868104–111
3868104–112

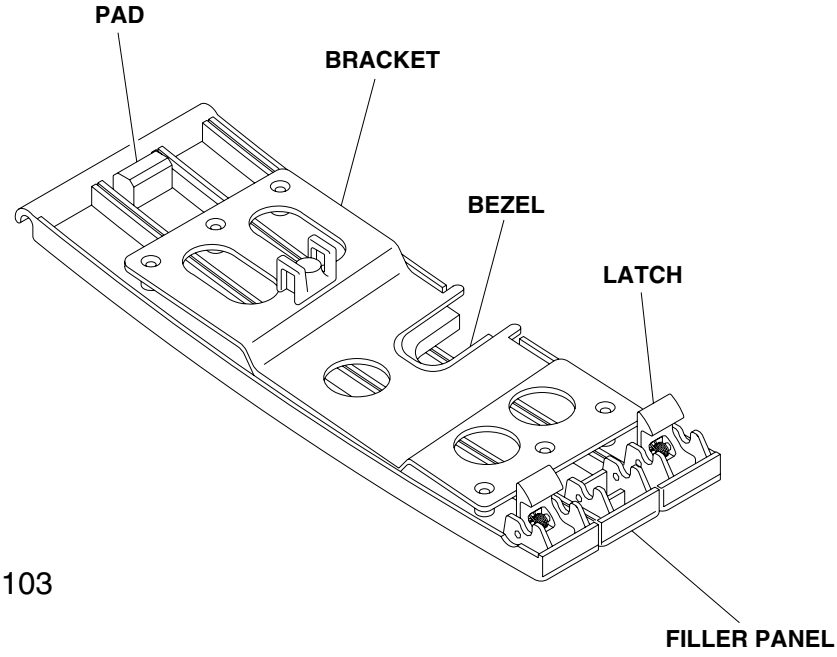


252848DO0403

Primary Components
(Sheet 3 of 6)
Figure 4/GRAPHIC 25-28-48-870-004-A01



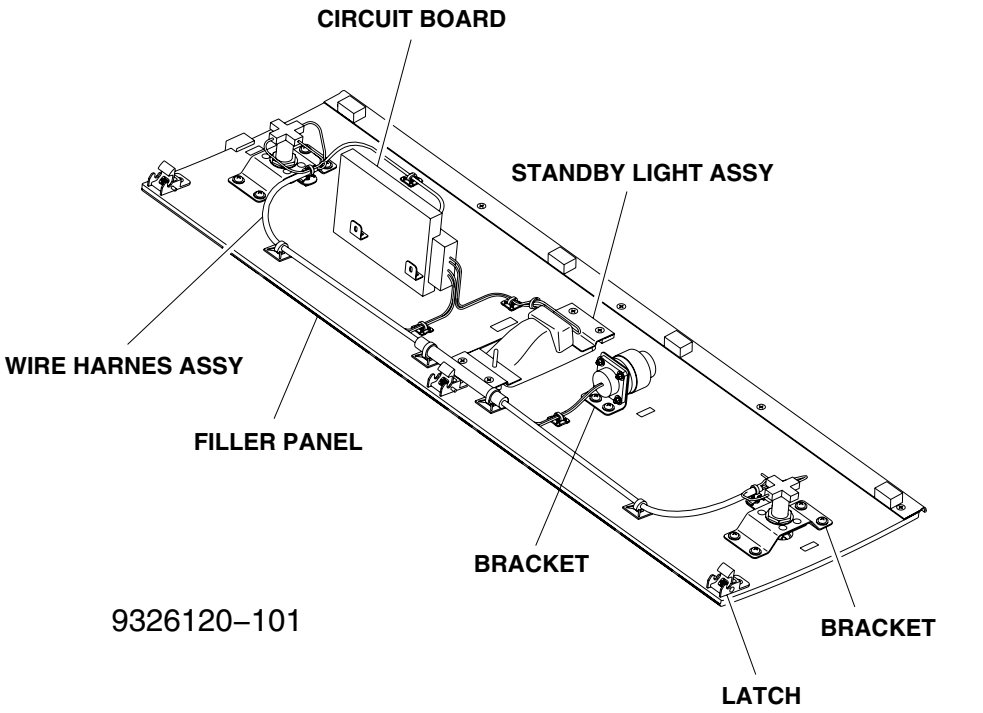
9326118–101

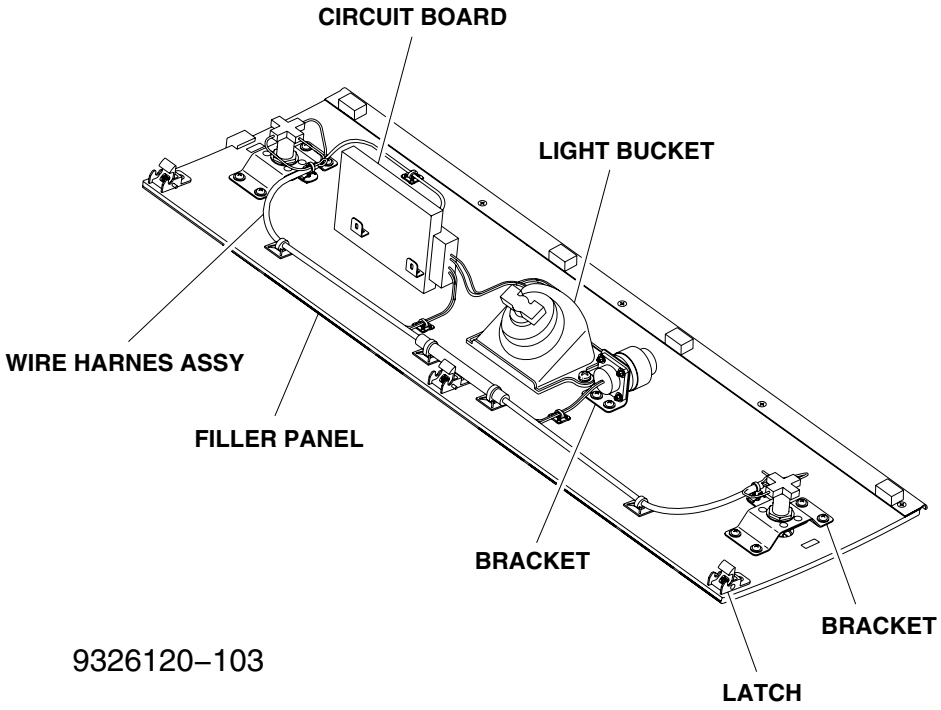


9326118–103

252848DO0404

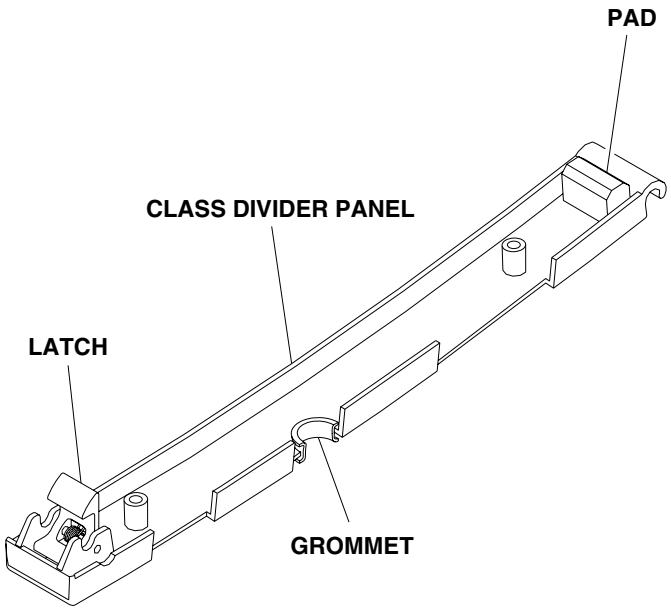
Primary Components
(Sheet 4 of 6)
Figure 4/GRAPHIC 25-28-48-870-004-A01





252848DO0405

Primary Components
(Sheet 5 of 6)
Figure 4/GRAPHIC 25-28-48-870-004-A01



9326125–101
9326125–102
H839107–101
H839107–102
H839107–103
H839107–104

252848DO0406

Primary Components
(Sheet 6 of 6)
Figure 4/GRAPHIC 25-28-48-870-004-A01

TASK 25-28-48-870-802-A01

2. Operation

A. Manual deployment of PSU

CAUTION: REPAIR / INSPECTION SHOULD ALWAYS BE DONE BY A QUALIFIED TECHNICIAN PER DPS 4.901 SEC. 4.1.1.

WARNING: WHEN WORKING WITH THE OXYGEN MODULE, DO NOT PULL ON THE LANYARDS THIS WILL PULL THE RELEASE PIN AND FIRE THE GENERATOR. THE GENERATOR SURFACE TEMPERATURE CAN REACH 550°F. IT WILL TAKE 60 MINUTES TO COOL FOR SAFE HANDLING AND REPLACEMENT.

(1) Oxygen door mask release

Insert a small diameter tool (e.g. a paper clip) into small orifice, in the lower area of the PSU (Item 1, Figure 5), to trip the release of the oxygen door latch and deploy the oxygen masks.

(2) PSU cavity release

Insert a small diameter tool (e.g. a paper clip) into three (3) small orifices, in the lower area of the PSU (Item 2, Figure 5), to trip the release of catches and deploy PSU cavity.

B. PSU Assembly

(1) Emergency Oxygen Supply

(a) During an altitude decompression the units furnish the passenger with the required amount of oxygen necessary to support normal respiration during an emergency descent.

(b) While a passenger is seated, the passenger mask assembly(ies) should be pulled toward the face. An elastic head band is provided as part of the passenger mask assembly. The lanyard attached to the passenger mask assembly will extract the pull pin from emergency oxygen generator. Oxygen will then begin to flow under low pressure into the mask assembly for a minimum of 12 minutes.

(2) Reading Lights

(a) Push the reading light push-button switch (left or right) to turn on the reading lights. The reading lights will come ON accordingly.

(b) Push the reading light push-button again to turn off the reading lights. The reading light will come OFF.

(3) Gasper Air

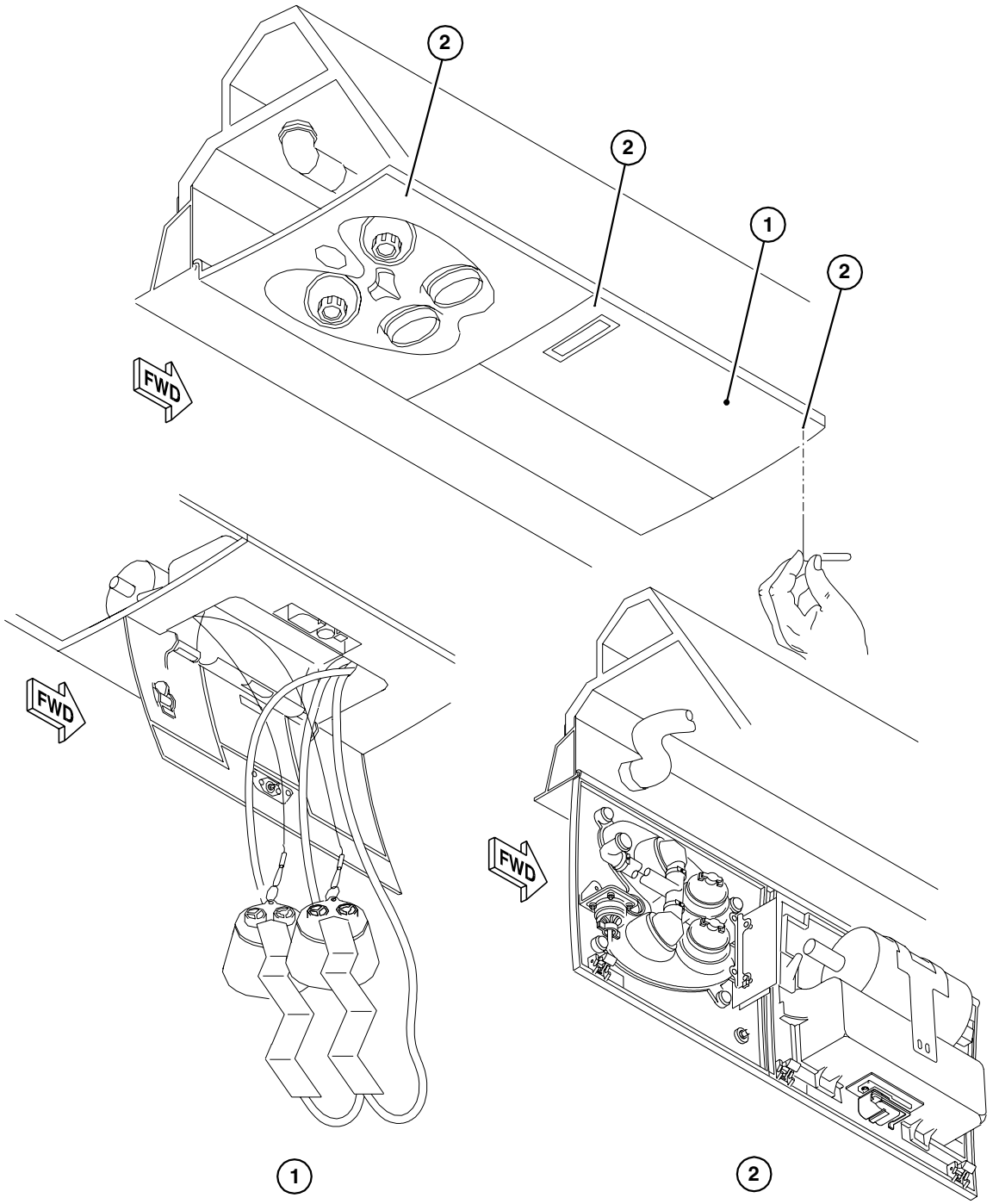
(a) Cooling and air distribution in the aircraft's interior will be controlled by the automatic climate control system.

(b) Manual operation of the gasper air is accomplished by rotating the air outlet in a circular motion. The adjustable air outlets can be variably opened and closed, or moved to direct the flow of air as desired by passenger seat occupant.

(4) Attendant Call Annunciator

(a) Push the attendant call push-button switch assembly. The attendant call light will come ON and an audible chime will sound for approximate 1/2 second.

(b) Push the attendant call push-button again to turn off the attendant call light.



PSU Manual Deployment
Figure 5/GRAPHIC 25-28-48-870-005-A01

3. Technical Properties

Technical properties of the Passenger Service Unit are given in Table 1.

Technical Properties
Table 1/TABLE 25-28-48-870-002-A01

Property	Specification
Description:	
Manufacturer	Safran Cabin Inc. (CAGE 56135)
Nomenclature	PSU Assembly
Part Numbers	9326107-101, -102, -103, -104, -105, -107, -108, and -109 9326108-101 and -102 9326110-101, -102, -104, -105, -106, -107, and -108 9326114-101 and -102 9326115-101, -102, -103, -104, -105, -107, -108, -109, -110, -111, -113, and -114 9326121-101, -102, -103, -105, -106, and -107 9326122–102 9326127-101, -102, and -103 9326128-101, -102, and -104 H839103-101, and -103 H839105-101, and -102
Overall Dimensions:	
Height	3,5 in (8,89 cm)
Width	8,65 in (21,97 cm)
Depth	20,01 in (50,83 cm)
Nomenclature	Speaker / NS/FSB Panel Assembly
Part Numbers	9326101-101, -102, -103, -104, -105, -106, -107, -108, -109, and -110 9326116-101, -102, -103, -104, -105, -106, -107, -108, -109, -110, -111, -112, -113, -114, -115, -116, -117, -118, -119, -120, -121, -122, -125, -126, -127, -128, -129, -130, -131, -132, -135, -136, -137, -138, -139, and -140 9326130-101, -102, -103, -104, -105, and -106 H839120-103, and -104
Overall Dimensions:	
Height	3,35 in (8,51 cm)

Technical Properties
Table 1/TABLE 25-28-48-870-002-A01 (continued)

Property	Specification
Width	8,67 in (22,01 cm)
Depth	9,01 in (22,88 cm)
Nomenclature	Speaker / EDFSB Panel Assembly
Part Numbers	9326124-101, -106, -107, -108, -109, -110, -111, and -112
	H839120-101, and -102
Overall Dimensions:	
Height	3,35 in (8,51 cm)
Width	8,67 in (22,01 cm)
Depth	9,01 in (22,88 cm)
Nomenclature	Filler Panel Assembly
Part Numbers	3868104-111 and 112
	9326103-101 and -107
	9326117-101, -103, -105, -107, and -109
	C678202-111, -113, and -115
	9326125-101 and 102
	H839107-101, -102, -103, and -104
Overall Dimensions:	
Height	1,02 in (2,59 cm)
Width	8,66 in (21,1 cm)
Depth	1 in (2,54 cm)
Nomenclature	Filler Panel Assembly
Part Number	9326119-101
Overall Dimensions:	
Height	0,25 in (0,64 cm)
Width	16 in (40.64 cm)
Depth	8,36 in (21,23 cm)
Nomenclature	Filler Panel Assembly
Part Numbers	9326118-101 and -103
Overall Dimensions:	

Technical Properties
Table 1/TABLE 25-28-48-870-002-A01 (continued)

Property	Specification
Height	1,1 in (2,79 cm)
Width	27,45 in (69,72 cm)
Depth	8,36 in (21,23 cm)
Nomenclature	Filler Panel Assembly
Part Number	9326120-101 and -103
Overall Dimensions:	
Height	0,25 in (0,64 cm)
Width	27,45 in (69,72 cm)
Depth	8,36 in (21,23 cm)
Nomenclature	PSU Installation
Part Number	H416001-101, -103, -107, -109, -111, -113, -115, and -117 H417001-101 H456001-101 H517001-101 J064002-101 J708001-101 J744001-101, -103, -105 K044002-101, and -103
Overall Dimensions:	
Height	N/A
Width	N/A
Depth	N/A

TASK 25-28-48-870-804-A01

4. Trim and Finish

A. Some parts of the equipment described in this manual have a decorative finish (material and/or color) that is peculiar to one or more operators. The part numbers in this manual do not identify decorative finishes.

B. The decorative finish requirements for interior components are determined and identified by the assigned finish code. This code will define the specific decorative material or paint used for each component.

C. When ordering parts, a decorative finish code must be included (added) in the part number as listed in this manual. The decorative finish code is inserted between the basic part number and the dash number, replacing the dash.

Example of part number showing the trim and finish code is shown below:

9326103-101 Specifies decorative finish requirement without operator code.
9326103BN101 Specifies decorative finish requirements for Brit Air.

D. Trim and Finish Code

The trim and finish code for the operator is given in Table 1002.

Operator Trim and Finish Codes
Table 2/TABLE 25-28-48-870-004-A01

Operator	Trim and Finish Code	Table Number	Figure Number
Brit Air	BN	3	6
Horizon / AMR	DS	4	6
Lufthansa (CLH)	BL	5	6
Lufthansa	BL	13	6
Maersk	ER	6	6
ASA (EV)	ES	7	6
Cameroon	ER	6	6
Mesa (YV)	DS	4	6
Mesa Single Class	DS	14	6
Mesa STC	DS	4	6
Comair (OH)	FR	8	6
Shandong	ER	6	6
US Airways	DS	4	6
CASC	BL	5	6
CASC STC	AC	9	7
Skywest	FR	8	6

Operator Trim and Finish Codes
Table 2/TABLE 25-28-48-870-004-A01 (continued)

Operator	Trim and Finish Code	Table Number	Figure Number
Gojet	FR	8	6
Styrian (SS)	BL	5	6
Air Canada	ER	15	6
Atlas Jet	FR	17	6
Air One	FR	17	6
Air Nostrum	FR	17	6
Skywest Delta	ES	16	6
Northwest 76 Pax	VW	10	6
Pinnacle	VW	10	6
Skywest NG	VW	10	6
Suncor	VW	10	6
PAS	VW	10	6
ASA STC	DS	11	6
US Airways STC	DS	12	6
Rwandair	VW	10	6
Horizon “A”	DS	4	6
ASA STC	ES	18	6
Comair STC	FR	19	6
Skywest Dual Class	FR	8	6
Mesa Dual Class	DS	14	6
Styrian	BL	13	6
China Express	VW	10	6
Skywest STC	FR	20	6
Poly Technologies	VW	10	6
GoJet STC	VW	21	6
Skywest STC (J06)	FR	22	6
CityJet	VW	10	6
Skywest STC (J70)	VW	10	6
Skywest STC (J74)	BN	3	6
Skywest Next Gen 2	VW	23	6
Undisclosed	VW	23	6
AMR	VW	23	6

Operator Trim and Finish Codes
Table 2/TABLE 25-28-48-870-004-A01 (continued)

Operator	Trim and Finish Code	Table Number	Figure Number
UGANDA	VW	23	6
CHORUS	VW	23	6
DOW Chemical	VW	23	6
Endeavor STC (H41)	VW	23	6

Trim and Finish For Brit Air / Skywest STC (J74)
Table 3/TABLE 25-28-48-870-005-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Medium Gray/Blue / Fog Coat	CDSP9301-533 (GCR-37B-B1320-K)	Genesis Coatings Inc. (V1XTR8)
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Medium Gray/Blue / Fog Coat	CDSP9301-533 (GCR-37B-B1320-K)	Genesis Coatings Inc. (V1XTR8)
3	Spacer	Medium Gray/Blue / Fog Coat	CDSP9301-533 (GCR-37B-B1320-K)	Genesis Coatings Inc. (V1XTR8)
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Horizon / AMR / Mesa (YV) / Mesa STC / US Airways / Horizon “A”
Table 4/TABLE 25-28-48-870-006-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny Light	CDSP9301-521	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Sunny Light	CDSP9301-521	-
3	Spacer	Sunny Light	CDSP9301-521	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Lufthansa (CLH) / CASC / Styrian (SS)
Table 5/TABLE 25-28-48-870-007-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Light Gray	CDSP9301-519	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Light Gray	CDSP9301-519	-
3	Spacer	Light Gray	CDSP9301-519	-
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish For Maersk / Cameroon / Shandong
Table 6/TABLE 25-28-48-870-008-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
* Refer to IPL, Paragraph 6, for the address.				
1	PSU Door Panel	Snowy	CDSP9301-545	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Snowy	CDSP9301-545	-
3	Spacer	Snowy	CDSP9301-545	-
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish For ASA (EV)
Table 7/TABLE 25-28-48-870-009-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny	CDSP9301-547	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Sunny	CDSP9301-547	-
3	Spacer	Sunny	CDSP9301-547	-
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish For Comair (OH) / Skywest / Gojet / Skywest Dual Class
Table 8/TABLE 25-28-48-870-010-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Off White	CDSP9301-555	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Off White	CDSP9301-555	-

Trim and Finish For Comair (OH) / Skywest / Gojet / Skywest Dual Class
Table 8/TABLE 25-28-48-870-010-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
3	Spacer	Off White	CDSP9301-555	-
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish For CASC STC
Table 9/TABLE 25-28-48-870-011-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	Handrail	Light Gray / Fine Texture	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
2	End cap, Handrail	Light Gray / Fine Texture	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
3	Inbd Panel	Light Gray	Aerfilm LHR/6037/670HTE/54”/HA211	Schneller LLC (V21213)
4	PSU/Door Panel	Light Gray / Lusterless	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
5	Reading Light and Air Gasper (VIP)	Bright Gold 18K / Polish	QCP560 Bright Gold	Quaker City Plating (V6PPB5)
5.1	Reading Light and Air Gasper (Economy)	Light Gray	Ultem 9075-71116	Momentive Performance Materials Inc. (General Electric Co.) (V01139)
6	Speaker Panel	Light Gray / Lusterless	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
7	Center Light/Filler Panel	Light Gray	Aerfilm LHR/6037/670HTE/54”/HA211	Schneller LLC (V21213)
8	Filler (1.0)	Light Gray / Lusterless	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
*** Refer to IPL, Paragraph 6, for the address.**				

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
9	Extrusion, PSU Hinge	Light Gray / Fine Texture	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
10	Extrusion, Sidewall Plenum	Light Gray / Fine Texture	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
11	Temp Sensor cover	Light Grey / Lusterless	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
12	Light Switch	Bright Gold 18K / Polish	QCP560 Bright Gold	Quaker City Plating (V6PPB5)
13	Attendant Call Switch (VIP)	Orange	Pantone 158C	Safran Cabin Inc. (V56135)
13.1	Attendant Call Switch (Economy)	Green	Pantone 336U	Safran Cabin Inc. (V56135)
14	Reading Light Switch (VIP)	Yellow	Ultem 9075-YW9120	Momentive Performance Materials Inc. (General Electric Co.) (V01139)
14.1	Reading Light Switch (Economy)	Yellow	Ultem 9075-YW9120	Momentive Performance Materials Inc. (General Electric Co.) (V01139)
15	Outbd Panel	Light Grey	Aerfilm LHR/6037/670HTE/54”/HA211	Schneller LLC (V21213)
16	Light Lens Frame	Light Grey / Lusterless	Polyurethane Paint # 982-1307 Alternate: CDSP9301-519	WLS Coating Inc. (V0YY71)
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Northwest 76 Pax / Pinnacle / Skywest NG / Suncor / PAS / Rwandair / China Express / Poly Technologies / IBEX / CityJet / Skywest STC (J70)
Table 10/TABLE 25-28-48-870-012-A01

Item No.	Components	Specifications	Color / Finish	Material Code	Source (CAGE)*
1	PSU Door Panel	Paint #346-65-9A24-7	Crystal White	VW	Mankiewicz (VD2603)
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Paint #346-65-9A24-7	Crystal White	VW	Mankiewicz (VD2603)
3	Filler Panel	Paint #346-65-9A24-7	Crystal White	VW	Mankiewicz (VD2603)
*** Refer to IPL, Paragraph 6, for the address.**					

Trim and Finish For ASA STC
Table 11/TABLE 25-28-48-870-013-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny Light	Polyurethane Paint #983-250	-
2	PSU Panel/Speaker Panel/Test Latch/Face Panel			
3	Spacer			
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For US Airways STC
Table 12/TABLE 25-28-48-870-014-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny Light / Lusterless	Polyurethane Paint #983-250	WLS Coating (V0YY71)
2	PSU Panel/Speaker Panel/Test Latch/Face Panel			
3	Spacer			
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Lufthansa / Styrian
Table 13/TABLE 25-28-48-870-015-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Light Gray / Semi-Gloss	Polyurethane Paint #982-1307 Alternate: CDSP9301-519	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Light Gray / Semi-Gloss	Polyurethane Paint #982-1307 Alternate: CDSP9301-519	-
3	Spacer	Light Gray / Semi-Gloss	Polyurethane Paint #982-1307 Alternate: CDSP9301-519	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Mesa Single Class / Mesa Dual Class
Table 14/TABLE 25-28-48-870-016-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny Light / Lusterless	Polyurethane Paint #983-250 Alternate: CDSP9301-521	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Sunny Light / Lusterless	Polyurethane Paint #983-250 Alternate: CDSP9301-521	-
3	Spacer	Sunny Light / Lusterless	Polyurethane Paint #983-250 Alternate: CDSP9301-521	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Air Canada
Table 15/TABLE 25-28-48-870-017-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Snowy / Lusterless	Polyurethane Paint #983-251 Alternate: CDSP9301-545	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Snowy / Lusterless	Polyurethane Paint #983-251 Alternate: CDSP9301-545	-
3	Spacer	Snowy / Lusterless	Polyurethane Paint #983-251 Alternate: CDSP9301-545	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Skywest Delta
Table 16/TABLE 25-28-48-870-018-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny / Lusterless	Polyurethane Paint #983-249 Alternate: CDSP9301-547	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Sunny / Lusterless	Polyurethane Paint #983-249 Alternate: CDSP9301-547	-
3	Spacer	Sunny / Lusterless	Polyurethane Paint #983-249 Alternate: CDSP9301-547	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Atlas Jet / Air One / Air Nostrum
Table 17/TABLE 25-28-48-870-019-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Off White / Semi-Gloss	Polyurethane Paint #982-1316 Alternate: CDSP9301-555	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Off White / Semi-Gloss	Polyurethane Paint #982-1316 Alternate: CDSP9301-555	-
3	Spacer	Off White / Semi-Gloss	Polyurethane Paint #982-1316 Alternate: CDSP9301-555	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For ASA
Table 18/TABLE 25-28-48-870-020-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Sunny / Lusterless	Polyurethane Paint #983-249	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Sunny / Lusterless	Polyurethane Paint #983-249	-
3	Spacer	Sunny / Lusterless	Polyurethane Paint #983-249	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Comair
Table 19/TABLE 25-28-48-870-021-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	PSU Door Panel	Off White / Lusterless	Polyurethane Paint #982-1316	-
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Off White / Lusterless	Polyurethane Paint #982-1316	-
3	Spacer	Off White / Lusterless	Polyurethane Paint #982-1316	-
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Skywest STC
Table 20/TABLE 25-28-48-870-022-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	Door	Off White	Polyurethane Paint CDSP9301-555	-
2	Panel			
3	Spacer			
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For GoJet STC
Table 21/TABLE 25-28-48-870-023-A01

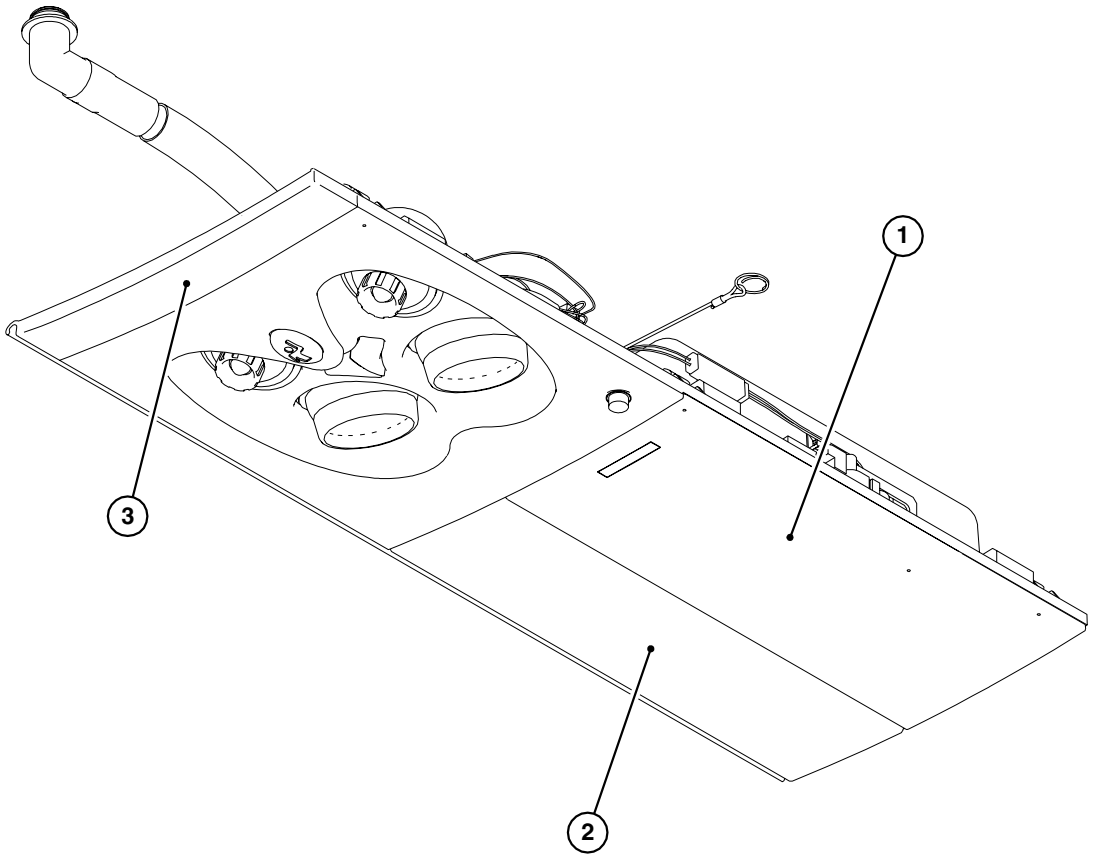
Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	Door	Crystal White	Paint #346-65-9A24-7	Mankiewicz Gebr. & Co. (VD2603)
2	Panel			
3	Spacer			
*** Refer to IPL, Paragraph 6, for the address.**				

Trim and Finish For Skywest STC (J06)
Table 22/TABLE 25-28-48-870-024-A01

Item No.	Components	Color / Finish	Material Specifications	Material Code	Source (CAGE)*
1	Door	Off White	Polyurethane Paint #982-1316	FR	-
2	PSU Panel / Speaker Panel / Test Latch / Face Panel				
3	Spacer				
* Refer to IPL, Paragraph 6, for the address.					

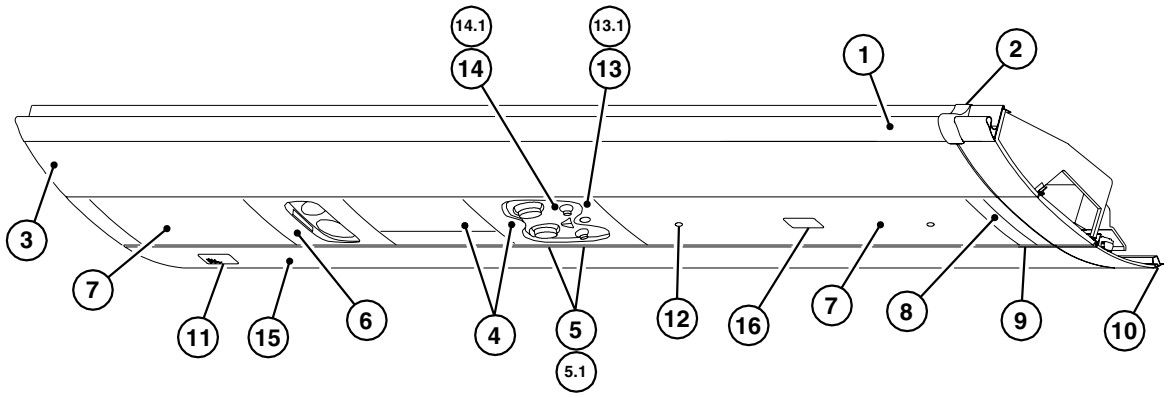
Trim and Finish For Skywest NG 2 / Undisclosed / AMR / UGANDA / CHORUS / DOW Chemical / Endeavor STC (H41)
Table 23/TABLE 25-28-48-870-025-A01

Item No.	Components	Specifications	Color / Finish	Material Code	Source (CAGE)*
1	Door Panel	Paint #346-65-9A24-7 (CDSP9005-543)	Crystal White	VW	Mankiewicz (VD2603)
2	PSU Panel/Speaker Panel/ Test Latch/Face Panel	Paint #346-65-9A24-7 (CDSP9005-543)	Crystal White	VW	Mankiewicz (VD2603)
3	Filler Panel	Paint #346-65-9A24-7 (CDSP9005-543)	Crystal White	VW	Mankiewicz (VD2603)
*** Refer to IPL, Paragraph 6, for the address.**					



252848T01

Passenger Service Unit - Trim and Finish
Figure 6/GRAPHIC 25-28-48-870-006-A01



252848T02

Passenger Service Unit - Trim and Finish
Figure 7/GRAPHIC 25-28-48-870-007-A01

TASK 25-28-48-99F-805-A01

1. General

A. This section contains test and fault isolation procedures. The tests can be done on or off the aircraft.

NOTE: If the tests are done in a repair shop, 28VDC electrical power must be provided at PSU connector P3.

B. The recommended test equipment and materials are given in Table 1001.

NOTE: Equivalent items can be used.

C. The wiring diagrams are given in Figures 2001 and 2002.

Test Equipment and Materials
Table 1001/TABLE 25-28-48-99A-002-A01

Nomenclature	Part or Specification Number	Source (CAGE)*
Digital Multimeter	Model 8060A (or Equivalent) Model 45 (or Equivalent)	Fluke Corp. (V89536) Fluke Corp. (V89536)
0-30VDC Power Supply	300W Power (minimum)	Commercially Available
115VAC, 400Hz Power Supply	Minimun of 4A of load current supply capability.	Commercially Available
28VDC Power Supply	Minimun of 5A of load current supply capability.	Commercially Available
6VDC Power Supply	Minimun of 1A of load current supply capability or equivalent.	Commercially Available
Function Generator, Sweep	Model 3022 (or Equivalent)	B&K Precision Corp. (V08098)
Audio Amplifier	Model SA-155 (or Equivalent)	Radioshack Corp. (V62676)
Test Box	PN 7397002	Safran Cabin Inc. (V56135)
Test Box	PN 9320002	Safran Cabin Inc. (V56135)
PSU Test Harness	PN C670725T	Safran Cabin Inc. (V56135)
Test Wire Harness	PN 3867150-501	Safran Cabin Inc. (V56135)
Test Wire Harness Adaptor	PN 9327650-501	Safran Cabin Inc. (V56135)
*** Refer to the IPL, paragraph 6, for the address.**		

NOTE: All test equipment must be calibrated in accordance with ISO 10012-1 and carry a current calibration sticker.
Equivalent test equipment can be used for testing with both Engineering and QC approval.

TASK 25-28-48-700-801-A01

2. Electrical Test Procedures

WARNING: ELECTRICAL POWER CAN CAUSE SEVERE SHOCK AND BURNS. AVOID CONTACT WITH ENERGIZED CIRCUITS. FOLLOW STANDARD ELECTRICAL SAFETY PROCEDURES.

A. Continuity Check

Use a multimeter (Table 1001) to make sure point-to-point continuity of all electrical circuits. Make sure that all connections in accordance with wiring diagrams (Figures 2001 and 2002).

TASK 25-28-48-700-802-A01

3. Electrical Functional Tests

A. TEST SETUP

(1) For 9326101, 9326116, 9326124, 9326130, and H839120 assemblies:

(a) Make sure that all circuit breakers and switches of the Test Box (Table 1001) are set to OFF position.

(b) Attach Test Box harness to power supply (Table 1001) and P-4 plug connector of Test Box to J-4 connector of PSU speaker panel.

(c) Turn on power supply and set the voltage to 28VDC.

(d) Set circuit breaker CB1 to ON position.

(2) For 9326107, 9326110, 9326115, 9326121, 9326122, 9326127, 9326128, H839103, and H839105 assemblies:

(a) Make sure that all circuit breakers and switches of the Test Box (Table 1001) are set to OFF position.

(b) Attach Test Box harness to power supply (Table 1001) and P-3 plug connector of Test Box to P-3 connector of PSU reading light/oxygen panel.

(c) Turn on the power supply and set the voltage to 28VDC.

(d) Set circuit breaker CB1 to ON position.

(3) For 9326120 assembly:

(a) Attach the Test Harness (C670725T) to the power supply (Table 1001) (Green to Negative) (Red to Positive).

(b) Attach connector P1 (for 9326120) to PSU Panel connector J1.

(c) Turn on the power supply.

(d) Turn the Power Supply switch to ON position.

B. TEST PROCEDURES

(1) Reading Lights Switch Test

(a) Depress reading light switches No. 1 and 2.

(b) Make sure that reading lights are illuminated.

(c) Depress reading light switches No. 1 and 2.

(d) Make sure that both reading lights are extinguished.

(e) Depress reading light switches No. 1 and 2 again.

(f) Make sure that reading lights are illuminated.

(g) Reset circuit breaker CB1 to OFF position.

(h) Wait for approximately 5 seconds.

(i) Set circuit breaker CB1 to ON position and make sure that the reading lights illuminate.

(j) Reset circuit breaker CB 1 to OFF position, again.

(k) Wait for approximately 60 seconds.

(l) Set circuit breaker CB 1 to ON position and make sure that the reading lights remain extinguished.

(2) Attendant Call Light and Chime Switch

(a) Depress attendant call switch.

(b) Make sure that both Attendant Call Light at PSU Panel and Test Box (D9 and D1O) illuminated.

(c) Make sure that chime is audible for approximately 1/2 second.

(d) Depress attendant call switch again.

(e) Make sure that Attendant Call Light at PSU Panel and Test Box extinguished.

(f) Make sure that chime is inaudible.

(3) Attendant Call Light and Chime/Reset and Test

(a) Toggle switch S8 of Test Box (Table 1001).

(b) Make sure that Attendant Call Light at PSU panel and Test Box illuminated.

(c) Make sure that Reading Lights illuminated.

(d) Toggle switch S7 of Test Box.

(e) Make sure Attendant Call Light at PSU panel and Test Box extinguished.

(f) Make sure Reading Lights extinguished.

(4) Oxygen Door

(a) Actuate test button and make sure test button locks into place.

(b) Toggle switch S11 of Test Box (Table 1001).

(c) Make sure that oxygen drop door open and rest against test button.

(d) Manually rest oxygen container electrical latch and close doors.

(e) Toggle switch S12 of Test Box.

(f) Make sure that oxygen drop door open and rest against test button.

(g) Turn off power supply.

(h) Manually reset oxygen container electrical latch and close doors.

(i) Make sure that manual opening of oxygen presentation unit by inserting a release tool in the door.

(j) Make sure that PSU release latch by inserting a release tool in the door to make sure correct location.

(5) Public Address Speaker

NOTE: This step is not applicable for assemblies 9326101-103/-104, 9326116-103/-104, 9326124-103/-104/-109/-110, 9326130-103/-104, and H839120-103/-104.

(a) Attach audio generator to audio amplifier (Table 1001).

(b) Turn on power supply to amplifier and audio generator.

(c) Make sure that amplifier mode select switch is in the tuner position and depress speaker switch.

(d) Turn audio generator amplitude to maximum and set wave form to sine wave.

(e) Vary frequency from 200Hz to 10000Hz and then back 200Hz.

(f) Adjust audio generator frequency to 10000Hz, turn the amplifier volume control until voltage reading on the voltmeter reaches 50Vrms.

(g) Make sure that speaker has no buzzing, rattling or other spurious sounds.

(h) Turn off power to the amplifier.

(6) ORDINANCE SIGN

NOTE: This step is applicable for speaker panels only, except for speaker assemblies 9326101-105/-106/-109/-110, 9326116-105/-106/-109/-110/-115/-116/-119/-120/-125/-126/-129/-130/-135/-136/-139/-140, 9326124-111/-112 and 9326130-105/-106.

(a) Toggle switch S9 of Test Box.

(b) Make sure that the NO SMOKING, “TURN OFF ELECTRONIC DEVICES” or WI-FI sign is illuminated.

(c) Toggle switch S10 of Test Box.

(d) Make sure that the FSB sign is illuminated.

(7) PSU PANEL (for 9326120 only)

(a) If Table Light is extinguished, push and release PSU switch SW1.

(b) Make sure Table Light illuminated.

(c) Push and release PSU switch SW2.

(d) Make sure Table Light extinguished.

(e) Push and release PSU switch SW2.

(f) Make sure Table Light illuminated.

(g) Push and release PSU switch SW1.

(h) Make surethat Table Light extinguished.

C. For 9326727 Attendant Light Assembly

(1) Turn on the power supply and set the voltage to 28VDC.

(2) Turn off the power supply.

(3) Attach positive (+) test lead to red wire.

(4) Attach negative (-) test lead to black wire.

(5) Turn on the power supply.

(6) Make sure that the attendant light is illuminated.

(7) Turn off the power supply.

D. For 9326726 Attendant Switch Assembly

(1) Set Multimeter to continuity.

(2) Attach positive test lead to one switch wire.

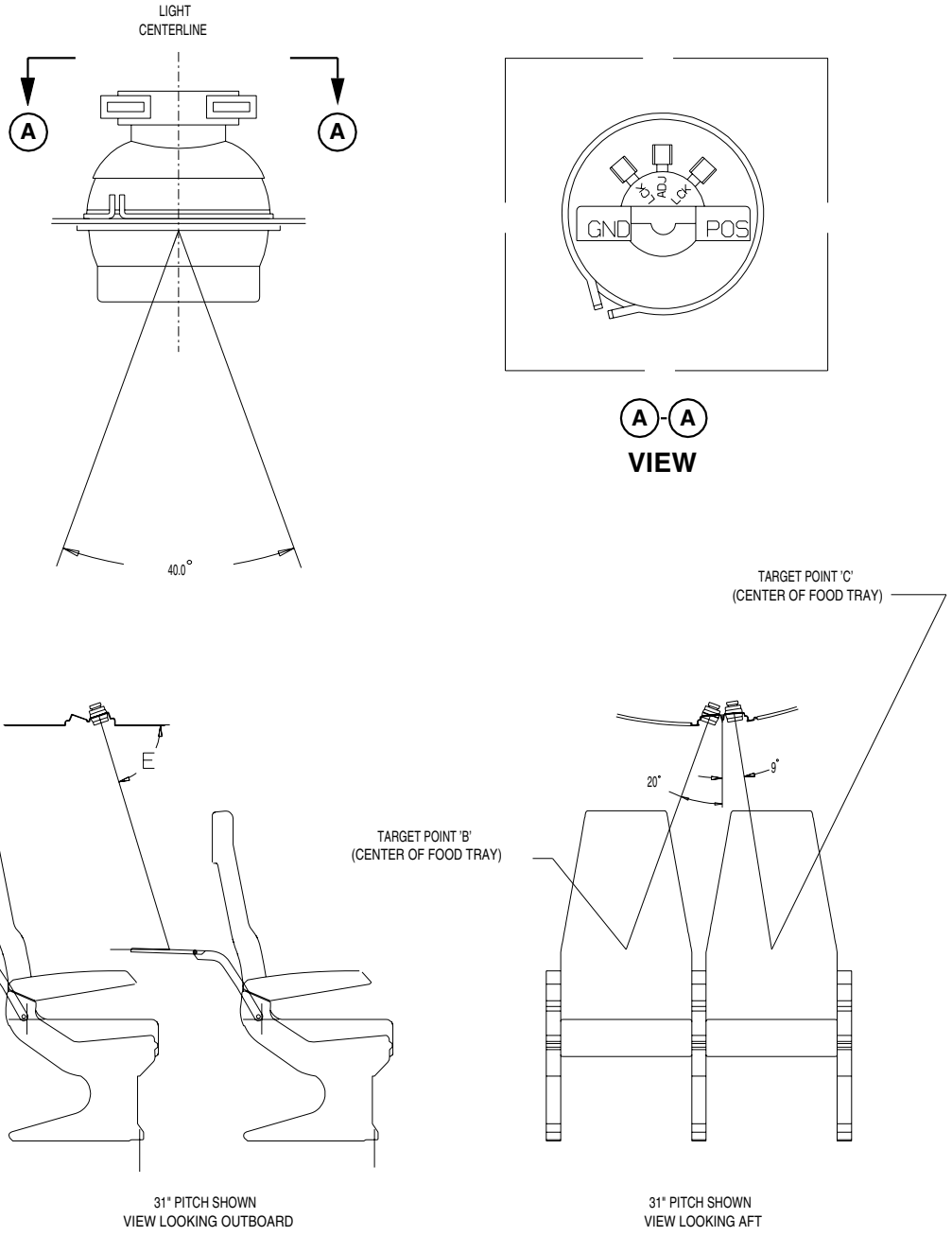
(3) Attach negative test lead to opposite switch wire.

(4) Push Attendant Switch button and hold.

(5) Make sure multimeter tone is audible for continuous continuity.

(6) Release Attendant Switch button.

(7) Make sure multimeter tone is inaudible.



Passenger Reading Light Aiming
Figure 1001/GRAPHIC 25-28-48-99B-036-A01

TASK 25-28-48-700-803-A01

4. Passenger Reading Light Aiming Test

NOTE: The dimensions show the centerline of the light beams and indicate the aiming point of each light in the seating configuration shown.

A. Adjustment

(1) Passenger reading light can be adjusted 20° spherically from its nominal position.

(2) Light assembly to be aimed at target point as defined in the outboard and aft looking views (Figure 1D). See Table 1002 to determine forward angle “E”

Passenger Reading Light Forward Angle
Table 1002/TABLE 25-28-48-99A-003-A01

Seat Pitch	Forward Angle “E”
31 in (78.74 cm)	73°
30 in (76.2 cm)	74°

B. Locking Device

(1) Locking device on individual lights can be accessed by deploying the PSU oxygen/Light/Gasper panel. To adjust aiming, turn tab to either of the two locking positions (Figure 1D, view A-A).

(2) All reading lights panels are delivered aimed and locked by Safran Cabin Inc.

NOTE: Point of aim for each seat in a row of seats should not vary more than 2 in (5.08 cm) from a line established by target point and light assembly.

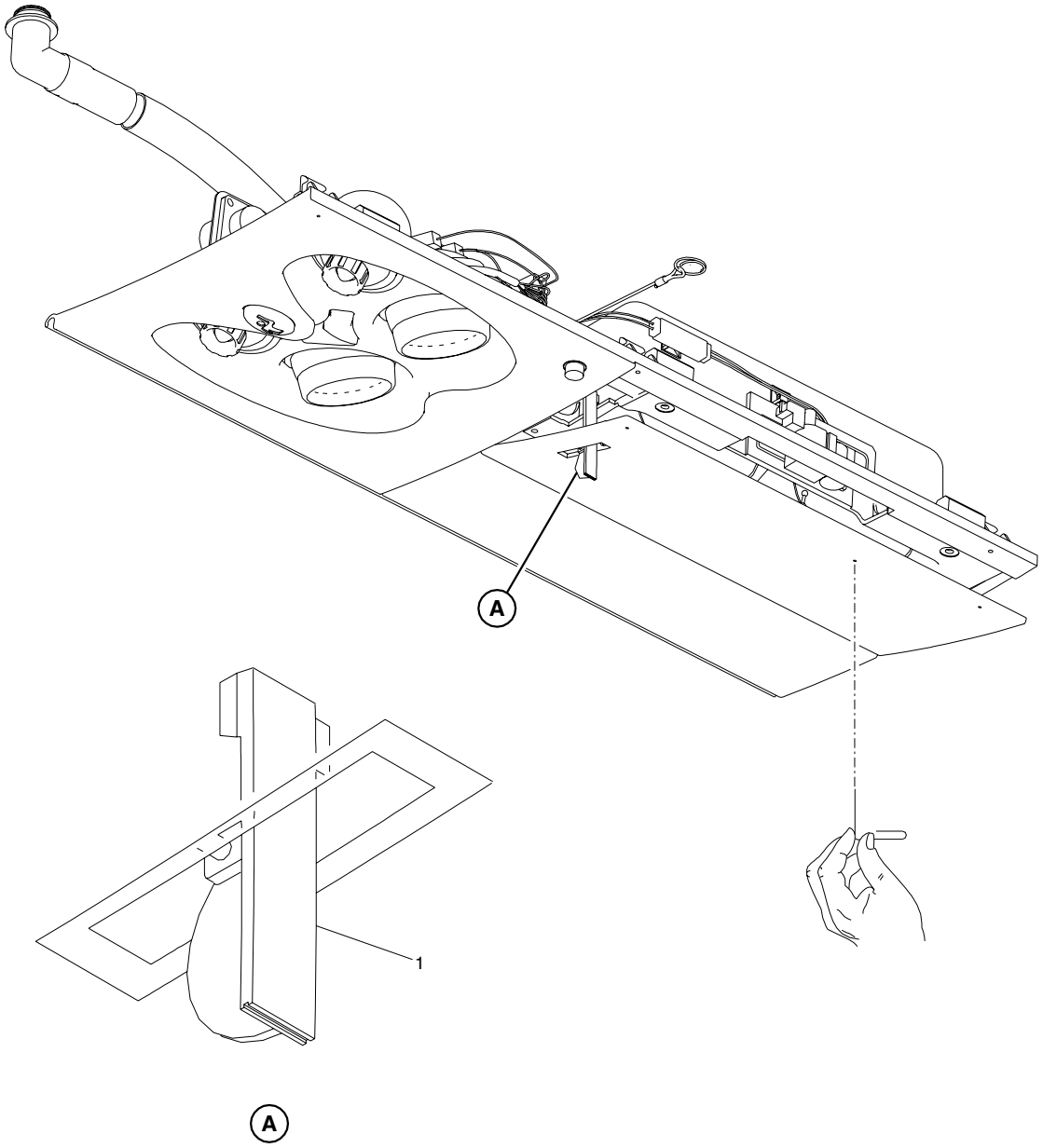
Relocation of PSU or seat to suit light adjustment is not authorized.

TASK 25-28-48-700-804-A01

5. Operational Test of the Passenger Oxygen Door Latch

A. General

(1) The test procedure that follows is to test for correct operation of the passenger oxygen door latch. The oxygen mask doors are located in the passenger service units (PSU) oxygen dispensing assembly.



Operational Test of the Passenger Oxygen Door Latch
Figure 1002/GRAPHIC 25-28-48-99B-035-A01

B. Procedure

(1) Configure the passenger oxygen mask door test latch to the testing position as follows:

(a) Set the oxygen door test latch (Item 1, Figure 1E) in passenger service unit to the vertical test position to prepare for testing or to arrest from full deployment from full deployment.

NOTE: The test latch should move freely to the vertical position. A red flag on the end of the test latch will become visible when the test latch is in the test position.

NOTE: It will not be necessary to repack the oxygen masks after this procedure.

(b) Oxygen door mask release:

Insert a small diameter tool (e.g. a paper clip) into small orifice, in the lower area of the PSU (Item 2, Figure 1E), to trip the release of the oxygen door latch and deploy to the test latch position.

(c) In the vertical test position the oxygen masks will not drop out and only the oxygen mask door will drop to the test latch position.

(d) To reset the oxygen mask door manual test latch to normal:

Push on the test latch rotating it 90° into the stowed position. Close oxygen box door until you hear a sound, and the door latch engages.

TASK 25-28-48-700-805-A01

6. Test Completion

A. Turn off power supply.

B. Remove all test harness from the units.

TASK 25-28-48-700-807-A01

7. Fault Isolation Procedures

Fault isolation procedures are given in Table 1003.

Fault Isolation Procedures
Table 1003/TABLE 25-28-48-810-001-A01

Trouble	Probable Cause	Corrective Action
CONTINUITY CHECK AND INSULATION RESISTANCE TEST		
Open or short circuit.	Damaged electrical wire harness.	Replace the wire harness.
	Open or shorted wire connection; damaged terminal or wire insulation; incorrect wire routing.	Open or shorted wire connection; damaged terminal or wire insulation; incorrect wire routing. Refer to REPAIR for general electrical repair instructions; refer to Figures 2001 and 2002 for wiring diagrams.
ELECTRICAL SYSTEM FUNCTIONAL TESTS		
The static ground and bonding resistance is greater than specified.	Open or shorted wire connection; damaged terminal or wire insulation; incorrect wire routing.	Refer to REPAIR for general electrical repair instructions; refer to Figures 2001 and 2002 for wiring diagrams.
No power to electrical equipment.	Electrical connectors loose or not connected.	Check all electrical connections for secure contact; refer to Figures 2001 and 2002 for wiring diagrams.
COMPONENT FUNTIONAL TESTS		
Reading/Table Light failure.	Loose or damaged light bulb. Loose or damaged switch. Damaged PCB. Damaged electrical wire harness.	Secure contact / replace the light bulb. Secure contact / replace the switch. Replace the PCB. Repair or replace the wire harness.
Attendant Call Light failure.	Loose or damaged LED. Loose or damaged switch. Damaged PCB. Damaged electrical wire harness.	Secure contact / replace the LED. Secure contact / the replace switch. Replace PCB. Repair or replace wire harness.
Attendant Call Chime failure.	Loose or damaged switch. Damaged PCB. Loose or damaged speaker. Damaged electrical wire harness.	Secure contact / replace switch. Replace the PCB. Secure contact / replace the speaker. Repair or replace the wire harness.
Speaker failure	Loose or damaged contacts or connectors. Damaged speaker.	Secure contacts. Replace the speaker.
Oxygen generator failure.	Leak in generator. Damaged generator.	Replace the generator.

Trouble	Probable Cause	Corrective Action
COMPONENT FUNTIONAL TESTS		
Emergency oxygen mask fails to deploy.	Faulty PASS OXY switch (Cockpit area).	Replace switch.
	Oxygen masks incorrectly packed.	Refer to ASSEMBLY section for packing instructions.
	Oxygen door jammed.	Repair/replace faulty items.
Passenger reading light failure.	Faulty Lamp. Faulty switch. Faulty light assembly. Loose or damaged contacts on connectors.	Replace the lamp. Replace the switch. Replace the light assembly. Secure contacts or replace the wire harness assembly.
Passenger reading light misaligned aim.	Adjusting aiming tab not lock to proper aiming location on locking device.	Adjust aiming angle and return tab to lock position. Refer to Figure 2001.
Light leakage on passenger reading light.	Bezel/ lens assembly not installed correctly.	Refer to ASSEMBLY section for installation instruction.
Reading light lens touch temperature exceeds 165 °F (74 °C) on the lens surface	Faulty or incorrect lamp installed. Faulty light assembly.	Inspect/replace the lamp. Secure electrical contacts or replace the light assembly.
PCB failure.	Loose or damaged fuse.	Secure fuse/replace the fuse with the same amperage.

TASK 25-28-48-99F-806-A01

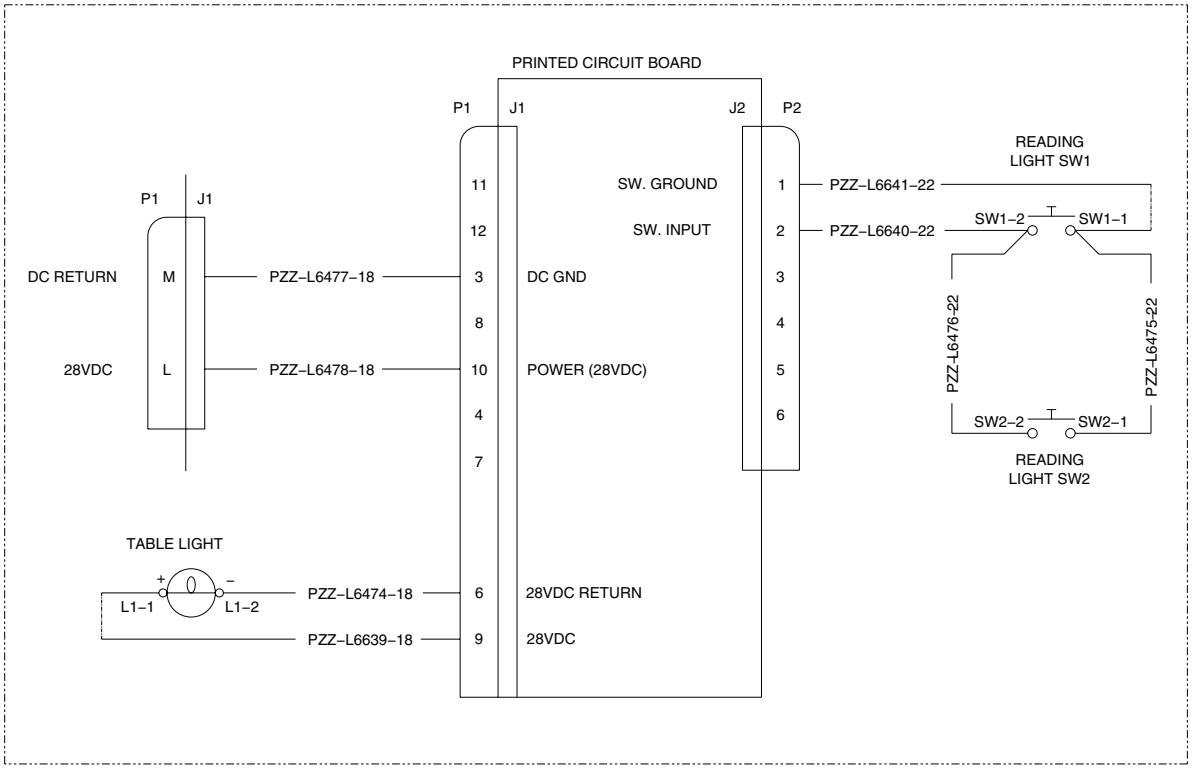
1. General

A. Schematics and wiring diagrams applicable to the component are included in this manual.

B. Table 2001 gives the description of revision and reason for change. Figures 2001 and 2002 give the wiring diagram for ceiling panel assembly.

Wiring Diagrams
Table 2001/TABLE 25-28-48-99A-005-A01

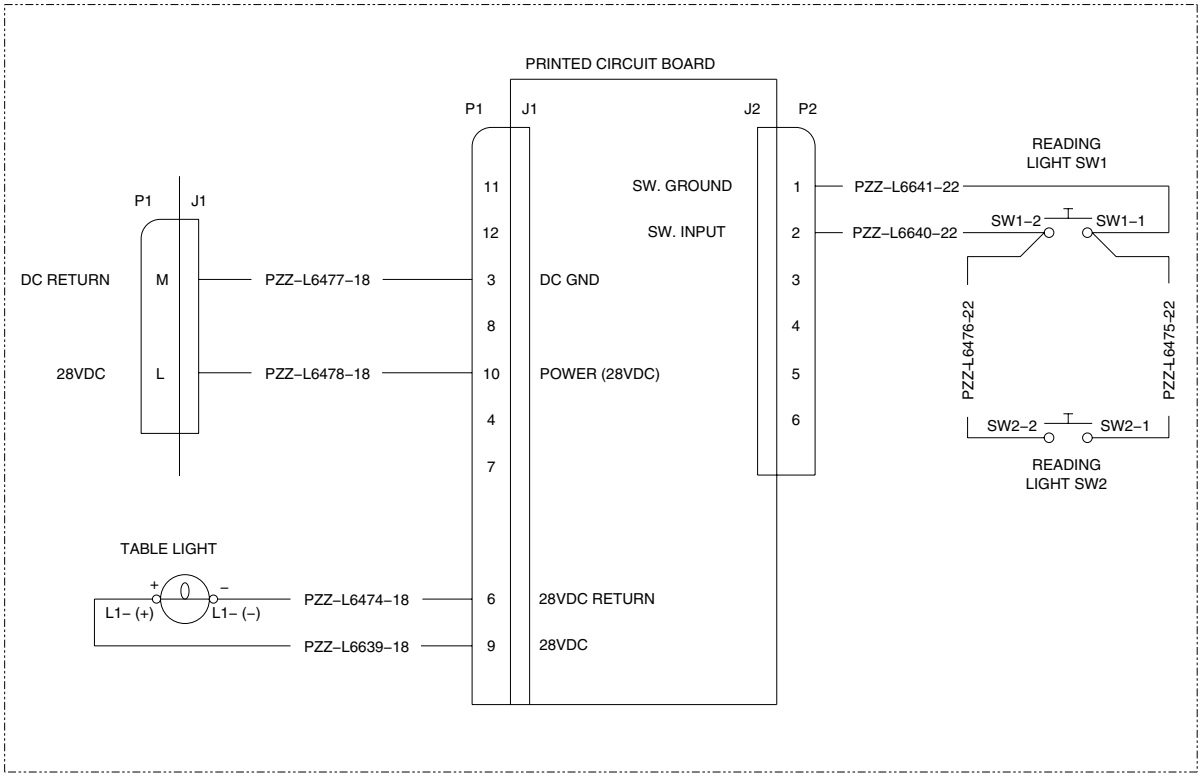
SHEET	REV. CODE	DESCRIPTION OF REVISION AND REASON FOR CHANGE	SERVICE BULLETIN	EFFECTIVITY
ALL	5	Initial Release Figure 2001 (PN 9327608)		ALL
ALL	5	Added Figure 2002 (PN 6441100)		ALL
ALL	5	Added Figure 2003 (PN A307103)		ALL
ALL	6	Revised Figure 2003 to incorporated latest engineering changes.		ALL
ALL	16	Revised Figures 2001 and 2002 to update the applicable wiring diagram PNs.		ALL
ALL	17	Revised Figure 2002 to incorporated latest engineering changes.		ALL
ALL	20	Revised Figures 2001 and 2002 to incorporated latest engineering changes.		ALL
ALL	21	Revised Figure 2002 to incorporated latest engineering changes and added -13/-15.		ALL
ALL	28	Revised Figure 2002 to incorporated latest engineering changes and added -5/-7-9/-11.		ALL



–1

252848200101

Wiring Diagram
(Sheet 1 of 2)
Figure 2001/GRAPHIC 25-28-48-750-001-A01



–3

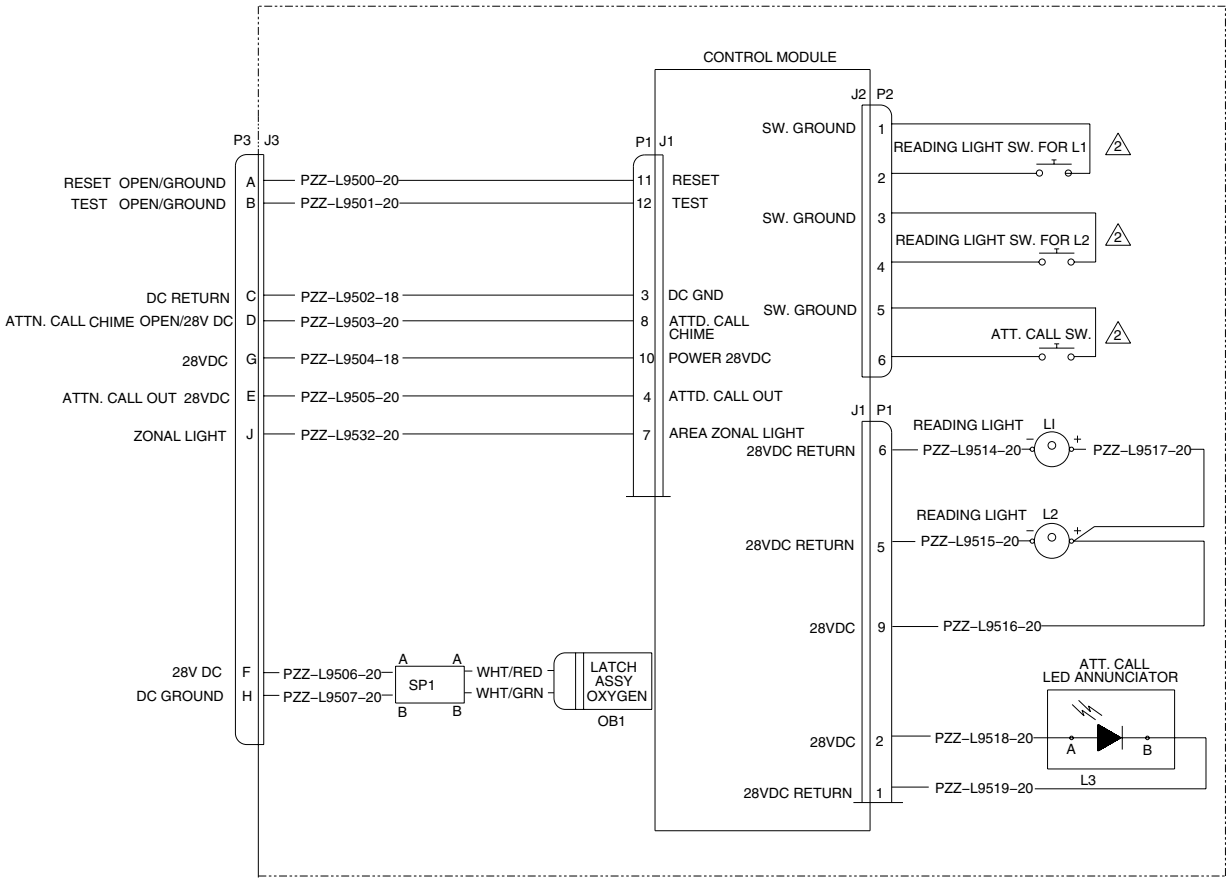
252848200102

Wiring Diagram
(Sheet 2 of 2)
Figure 2001/GRAPHIC 25-28-48-750-001-A01

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL WIRES PER MIL–W–22759/34.

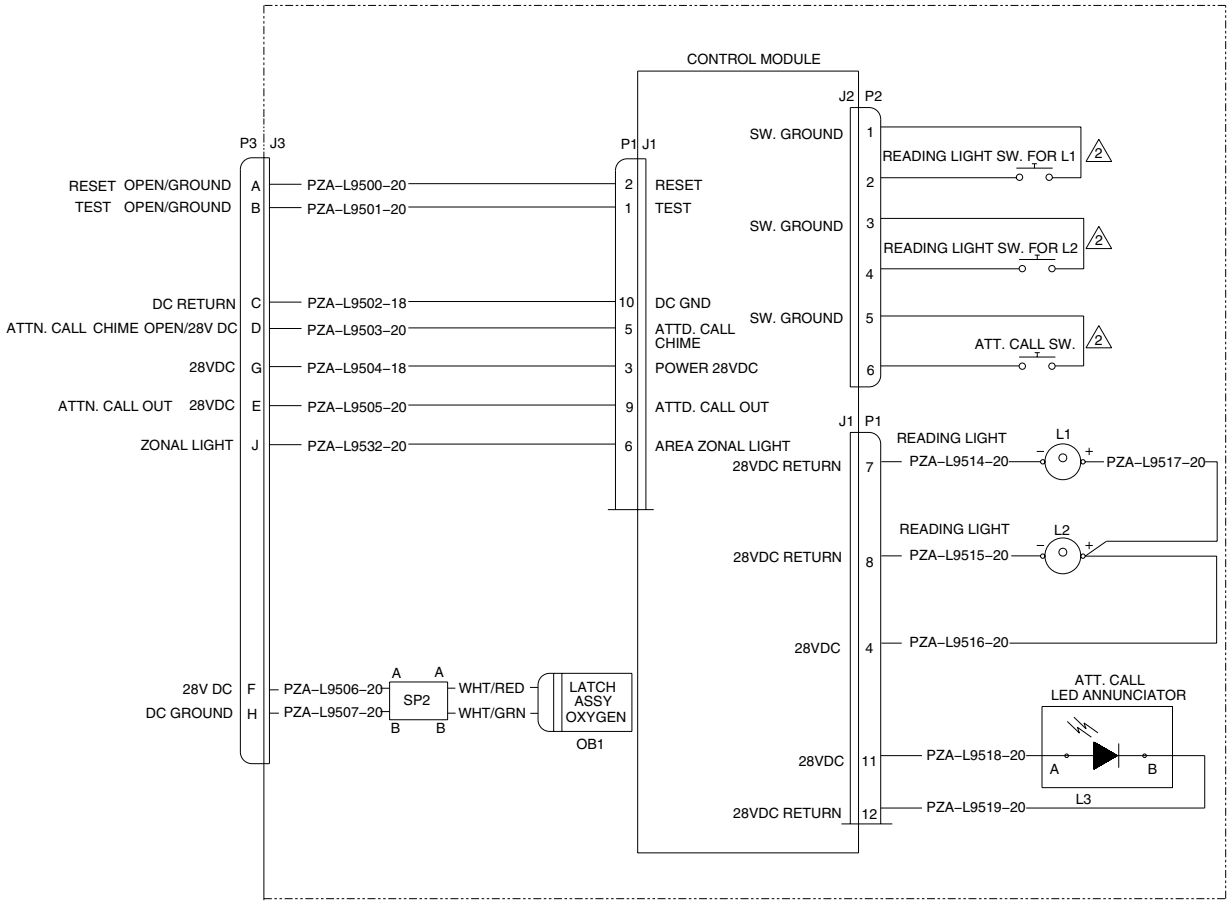
△2 WIRE SUPPLIED BY VENDOR WITH SWITCH.



–1

252848200201

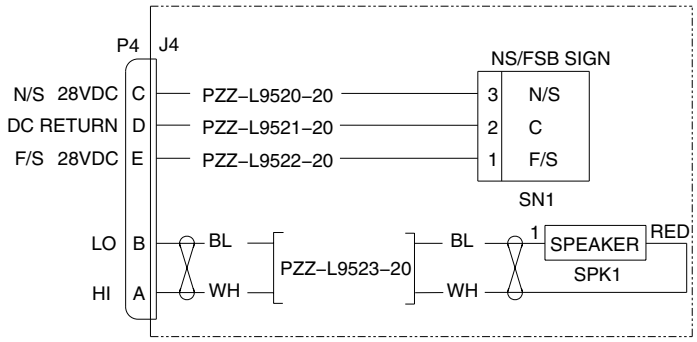
Wiring Diagram
(Sheet 1 of 4)
Figure 2002/GRAPHIC 25-28-48-750-002-A01



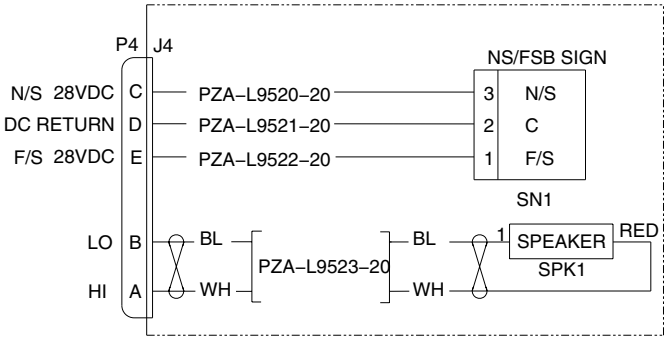
–3

252848200202

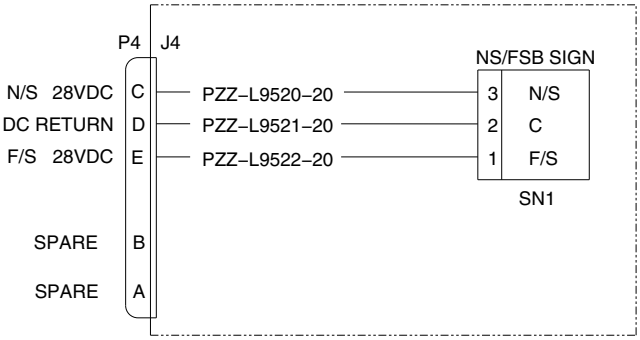
Wiring Diagram
(Sheet 2 of 4)
Figure 2002/GRAPHIC 25-28-48-750-002-A01



–5



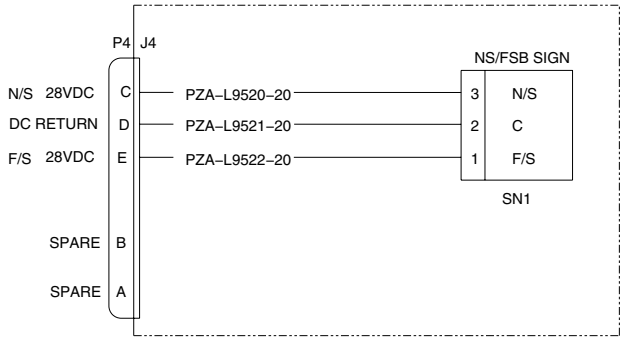
–7



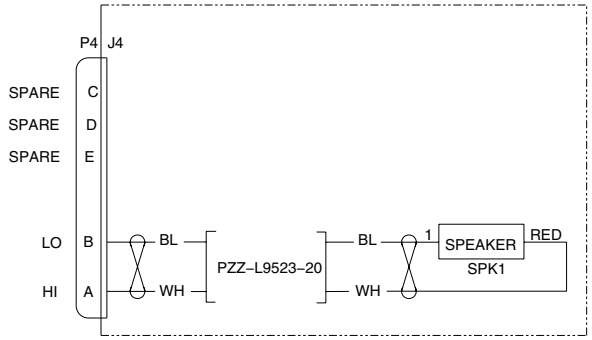
–9

252848200203

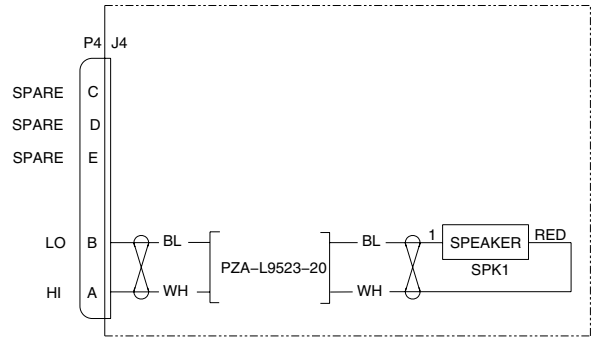
Wiring Diagram
(Sheet 3 of 4)
Figure 2002/GRAPHIC 25-28-48-750-002-A01



–11



–13



–15

252848200204

Wiring Diagram
(Sheet 4 of 4)
Figure 2002/GRAPHIC 25-28-48-750-002-A01

This page intentionally left blank.

DISASSEMBLY

TASK 25-28-48-99F-807-A01

1. General

A. This section contains special instructions and notes needed to prevent damage to components and possible injury during disassembly of the Passenger Service Unit (PSU).

NOTE: Disassembly sequence can be changed.

B. To use this section, first refer to TESTING AND FAULT ISOLATION and INSPECTION/CHECK to identify the damaged and worn parts. Then refer to paragraph 2, below, for any special disassembly instructions.

C. Refer to REPAIR to replace all bonded components, adhesive-backed placards, electrical wiring, and potted inserts. Remove the attaching parts given in the IPL to remove all other components.

D. A small diameter tool (e.g. a paper clip) will be needed to deploy the oxygen door mask and PSU cavity (Refer to Figure 5).

TASK 25-28-48-000-001-A01

2. Disassembly Procedures

WARNING: TO AVOID INJURIES TO PERSONNEL WHILE SERVICING THE EQUIPMENT, MAKE SURE THAT ALL POWER HAS BEEN REMOVED. ONLY APPROVED PERSONNEL MUST DO THE MAINTENANCE.

CAUTION: THE MONUMENT HAS DECORATIVE SURFACES THAT ARE EASILY DAMAGED. COVER THE SURFACES AND BE CAREFUL WITH UNIT TO PREVENT DAMAGE.

SUBTASK 25-28-48-040-001-A01

A. Left-Hand Passenger Service Unit Assembly (IPL Figure 1)

(1) Remove the passenger service unit wire harness assembly (20).

(2) Remove the passenger service unit wire harness assembly (-25).

(3) Remove the cable tie (30).

(4) Remove the foam pad (-32).

(5) Remove the screws (50A) and washers (60) to release the oxygen box assemblies (35, -35A, -35B, or -35C, -40, -40A, -40B, or -40C, and 45, -45A, -45B, or -45C). Disassemble the oxygen box assemblies (35, -35A, -35B, or -35C and 45 or -45A) in accordance with SUBTASK 25-28-48-040-007-A01. Disassemble the oxygen box assemblies (-40, -40A, -40B, or -40C and -45B or -45C) in accordance with SUBTASK 25-28-48-040-008-A01.

(6) Remove the connector (-70).

(7) Remove the cable tie (75).

(8) Refer to REPAIR section to replace the bonded cable tie mount (80).

(9) Remove and disassemble the air hose assembly (-85, -85A, or -85B) as follows:

(a) Remove the cable tie (87).

(b) Remove and disassemble the male connector assembly (-89) as follows:

1 Remove the O-ring (91).

2 Remove the male connector (93).

(c) Remove the air hose (95, -95A, or -95B).

(10) Remove the cable ties (97).

(11) Remove and disassemble the attendant call switch assembly (-99) as follows:

(a) Remove and disassemble the switch cap assembly (102A) as follows:

1 Remove the switch cap assembly (-104A).

(b) Remove the socket contacts (105).

(c) Remove the cable ties (-106).

(d) Remove the label (-107).

(12) Remove and disassemble the attendant call light assembly (-110) as follows:

(a) Remove the crimp contacts (115).

(b) Remove the attendant LED (120A).

(c) Remove the cable ties (-121).

(d) Remove the label (-122).

(13) Refer to REPAIR section to replace the bonded placard (-123A).

(14) Remove the screw (130 or -130A) and washer (135) to release the reading light switch cap assembly (-125). Disassemble the reading light switch cap assembly (-125) as follows:

(a) Remove the rocker (140).

(b) Remove the light switch cap (145).

(15) Remove the rocker base (150).

(16) Remove and disassemble the switch PCB assembly (155) as follows:

(a) Remove the socket contacts (-160).

(b) Remove the key switches (-165).

(c) Remove the PCB artwork (-170).

(d) Remove the 22-AWG wires (-172).

(17) Remove the reading lights (175A).

(18) Remove and disassemble the reading light assemblies (179) as follows:

(a) Remove the spring ring (181).

(b) Remove the housing lens assembly (182).

(c) Remove the incandescent lamp (183).

(d) Remove the housing assembly (184).

(19) Refer to REPAIR section to replace the bonded placard (-186A).

(20) Refer to REPAIR section to replace the bonded placard (-187A).

(21) Refer to REPAIR section to replace the bonded cable tie mount (190).

(22) Remove the screws (-195).

(23) Remove the washers (-200).

(24) Remove the nuts (-205).

(25) Remove the snap rivets (-206).

(26) Remove the screws (215) and washers (220) to release the bracket (210A).

(27) Refer to REPAIR section to replace the bonded placard (-225A).

(28) Remove and disassemble the lanyard assembly (-230 or -230A) as follows:

(a) Remove the oval sleeves (235A).

(b) Remove the split ring (240 or -240A).

(c) Remove the dacron rope lanyards (245A).

(29) Remove the screw (-260) and washer (-265) to release the brackets (-250 and -255).

(30) Refer to REPAIR section to replace the bonded cable tie mount (-270).

(31) Remove the left-hand side PCB assembly (-275 or -275A).

(32) Remove the PCB assembly (277).

(33) Remove the right-hand side PCB assembly (-280 or -280A).

(34) Remove the right-hand side PCB assembly (-281).

(35) Remove the plunger nylatches (282).

(36) Remove the spacers (283).

(37) Remove the grommet nylatches (284).

(38) Remove the grommet nylatches (-285A).

(39) Remove the spacers (-295A).

(40) Remove the plunger nylatches (-300A).

(41) Remove the cable tie (-305).

(42) Refer to REPAIR section to replace the bonded cable tie mount (-310).

(43) Remove the PCB bracket (-315A).

(44) Remove the PCB bracket (317).

(45) Remove the bracket (-320A).

(46) Remove the screws (-325), screws (327), and washers (329) to release the PCB bracket (-322).

(47) Remove the screws (-335), washers (-340B), screws (342), and washers (344) to release the light / gasper air bucket (330A).

(48) Remove the air outlets (345A).

(49) Remove the plenum cap clamps (347).

(50) Remove the plenum caps (349).

(51) Remove the anti-rattle pads (-350A).

(52) Remove the anti-rattle pads (-352B).

(53) Remove the retaining rings (-355).

(54) Remove the pins (357).

(55) Remove the pins (-360A).

(56) Remove the torsion springs (365).

(57) Remove the passenger service unit latch catches (370A).

(58) Remove the cable tie (-375).

(59) Remove the screws (-380).

(60) Remove the washers (-385).

(61) Remove the screws (-390A).

(62) Remove the washers (-395B).

(63) Remove the screws (397A).

(64) Remove the washers (398).

(65) Remove the speed nut (400 or -400A).

(66) Remove the door/face panel assembly (405).

(67) Remove the door/face panel assembly (-410).

(68) Remove and disassemble the oxygen/light/ gasper air panel assembly (-415A) as follows:

(a) Remove the oxygen/light/ gasper air panel (417A).

(69) Remove and disassemble the oxygen/light/ gasper air panel assembly (-420A) as follows:

(a) Remove the oxygen/light/ gasper air panel (-435A).

SUBTASK 25-28-48-040-002-A01

B. Left-Hand Passenger Service Unit Assembly (IPL Figure 1A)

(1) Remove the passenger service unit wire harness assembly (20).

(2) Remove the passenger service unit wire harness assembly (25).

(3) Remove the cable ties (30 or -30A).

(4) Remove the foam pad (-32).

(5) Remove the snap rivets (-33).

(6) Remove the screws (-45 and 62), washers (-50, -55, and 63), and nuts (-60) to release the oxygen box assemblies (-35 or 35A and -40, 40A, or -40B). Disassemble the oxygen box assemblies (-35 or 35A and -40) in accordance with SUBTASK 25-28-48-040-007-A01. Disassemble the oxygen box assemblies (40A and -40B) in accordance with SUBTASK 25-28-48-040-008-A01.

(7) Remove the screw (67 or -67A).

(8) Remove the washer (68).

(9) Remove the cable tie (70).

(10) Refer to REPAIR section to replace the bonded cable tie mount (75).

(11) Remove and disassemble the air hose assembly (-77) as follows:

(a) Remove the cable tie (79).

(b) Remove and disassemble the male connector assembly (-81) as follows:

1 Remove the O-ring (83).

2 Remove the male connector (85).

(c) Remove the air hose (87).

(12) Remove and disassemble the air hose assembly (-89) as follows:

(a) Remove the cable tie (91).

(b) Remove and disassemble the male connector assembly (-93) as follows:

1 Remove the O-ring (95).

2 Remove the male connector (97).

(c) Remove the air hose (99).

(13) Remove the cable tie (101).

(14) Remove the plenum cap clamp (103).

(15) Remove the plenum cap (105).

(16) Remove and disassemble the attendant call switch assembly (-107) as follows:

(a) Remove the switch cap assembly (109A).

(b) Remove the socket contacts (111).

(17) Remove and disassemble the attendant call light assembly (-113) as follows:

(a) Remove the crimp contacts (115).

(b) Remove the attendant LED (120).

(18) Refer to REPAIR section to replace the bonded placard (-125).

(19) Remove and disassemble the reading light switch cap assembly (-130) as follows:

(a) Refer to REPAIR section to replace the bonded rocker (145).

(b) Remove the light switch cap (150).

(20) Remove the rocker base (155).

(21) Remove and disassemble the switch PCB assembly (-160) as follows:

(a) Remove the socket contacts (-165).

(b) Remove the key switches (-170).

(c) Remove the PCB artwork (-175).

(22) Remove the washer spacer (179).

(23) Remove the reading lights (-180).

(24) Remove and disassemble the reading light assemblies (191) as follows:

(a) Remove the spring ring (192).

(b) Remove the housing lens assembly (193).

(c) Remove the incandescent lamp or housing assembly (194 or 194A).

(25) Refer to REPAIR section to replace the bonded placard (-195).

(26) Refer to REPAIR section to replace the bonded placard (-200).

(27) Refer to REPAIR section to replace the bonded cable tie mount (205).

(28) Remove the screws (-210A).

(29) Remove the washers (-215).

(30) Remove the nuts (-220).

(31) Remove the screws (230) and washers (235) to release the bracket (-225 or 225A).

(32) Refer to REPAIR section to replace the bonded placard (-240).

(33) Remove the cable tie (245).

(34) Remove and disassemble the lanyard assembly (-250) as follows:

(a) Remove the oval sleeves (255A).

(b) Remove the split ring (260).

(c) Remove the dacron rope lanyards (265A).

(35) Remove the screw (-280) and washer (-285) to release the brackets (-270 and -275).

(36) Refer to REPAIR section to replace the bonded cable tie mount (-290).

(37) Remove the PCB assembly (-295).

(38) Remove the PCB assembly (-297).

(39) Remove the PCB assembly (-300).

(40) Remove the PCB assembly (-301).

(41) Remove the plunger nylatches (302).

(42) Remove the spacers (303).

(43) Remove the grommet nylatches (304).

(44) Remove the screws (-305).

(45) Remove the screw (-307).

(46) Remove the washers (-310).

(47) Remove the spacers (-315).

(48) Remove the cable tie (-325).

(49) Refer to REPAIR section to replace the bonded cable tie mount (-330).

(50) Remove the PCB bracket (-335).

(51) Remove the PCB bracket (337).

(52) Remove the PCB bracket (-340).

(53) Remove the screws (-345), screws (347), and washers (349) to release the PCB bracket (-342).

(54) Remove the reading light adapter (350).

(55) Remove the reading light adapter (-355).

(56) Remove the gasper air adapter (360).

(57) Remove the gasper air adapter (-365).

(58) Remove the screws (-380), flat washers (-385A), screws (387), and washers (389) to release the light / gasper air buckets (370 and -375).

(59) Remove the air outlets (390 or -390A).

(60) Remove the plenum cap clamps (-391).

(61) Remove the plenum caps (-392).

(62) Remove the foams (-395) or bumpers (-395A or -395B).

(63) Remove the anti-rattle pads (398A).

(64) Remove the retaining rings (-400).

(65) Remove the passenger service unit latch pins or pins (-405 or 405A).

(66) Remove the torsion springs (410).

(67) Remove the catches or passenger service unit latch catches (-415 or 415A).

(68) Remove the cable tie (420).

(69) Remove the screws (-425).

(70) Remove the washers (-430).

(71) Remove the screws (-435 or 435B).

(72) Remove the washers or flat washers (-440A or 440B).

(73) Remove the speed nut (445 or -445A).

(74) Remove the O-ring (-446).

(75) Remove the door/face panel assembly (-450).

(76) Remove the door/face panel assembly (-455).

(77) Remove and disassemble the oxygen / light / gasper air panel assembly (-460 or 460A) as follows:

(a) Remove the oxygen / light / gasper air panel (-462).

(78) Remove and disassemble the oxygen / light / gasper air panel assembly (-465 or -465A) as follows:

(a) Remove the oxygen / light / gasper air panel (-480 or -480A).

SUBTASK 25-28-48-040-003-A01

C. Left-Hand Passenger Service Unit Assembly (IPL Figure 1B)

(1) Remove the passenger service unit wire harness assembly (20).

(2) Remove the passenger service unit wire harness assembly (25).

(3) Remove the snap rivets (-30).

(4) Remove the cable tie (35).

(5) Remove the foam pad (-40).

(6) Remove the screws (55) and washers (60) to release the oxygen box assemblies (45 and 50). Disassemble the oxygen box assemblies (45 and 50) in accordance with SUBTASK 25-28-48-040-012-A01 and SUBTASK 25-28-48-040-013-A01.

(7) Remove the screw (70).

(8) Remove the washer (75).

(9) Remove the cable tie (80).

(10) Refer to REPAIR section to replace the bonded cable tie mount (85).

(11) Remove the cable tie (87).

(12) Remove and disassemble the air hose assembly (-90) as follows:

(a) Remove the cable ties (95).

(b) Remove and disassemble the male connector assembly (-100) as follows:

1 Remove the O-ring (105).

2 Remove the male connector (110).

(c) Remove the air hose (115).

(d) Remove the hose coupler (120).

(e) Remove the air hose (125).

(13) Remove and disassemble the air hose assembly (-130) as follows:

(a) Remove the cable ties (135).

(b) Remove and disassemble the male connector assembly (-140) as follows:

1 Remove the O-ring (145).

2 Remove the male connector (150).

(c) Remove the air hose (155).

(d) Remove the hose coupler (160).

(e) Remove the air hose (165).

(14) Remove the plenum cap clamp (170).

(15) Remove the plenum cap (175).

(16) Remove and disassemble the attendant call switch assembly (-180 or -180A) as follows:

(a) Remove and disassemble the switch cap assembly (-185 or -185A) as follows:

1 Remove the switch and cap assembly (-197 or -197A).

(b) Remove the socket contacts (200).

(17) Remove and disassemble the attendant call light assembly (-205) as follows:

(a) Remove the crimp contacts (210).

(b) Remove the attendant LED (215).

(18) Remove and disassemble the reading light switch cap assembly (-220) as follows:

(a) Remove the rocker (225).

(b) Remove the light switch cap (230).

(19) Remove the rocker base (235).

(20) Remove and disassemble the switch PCB assembly (-240) as follows:

(a) Remove the socket contacts (-245).

(b) Remove the key switches (-250).

(c) Remove the PCB artwork (-255).

(21) Remove the washer spacer (265).

(22) Remove the cable tie (266).

(23) Remove and disassemble the reading light assemblies (267) as follows:

(a) Remove the spring ring (269).

(b) Remove the housing lens assembly (271).

(c) Remove the incandescent lamp (273).

(d) Remove the housing assembly (275).

(24) Refer to REPAIR section to replace the bonded cable tie mount (278).

(25) Remove the screws (285) and washers (290) to release the bracket (280).

(26) Remove the cable tie (295).

(27) Remove and disassemble the lanyard assembly (-300) as follows:

(a) Remove the oval sleeves (305A).

(b) Remove the split ring (310).

(c) Remove the dacron rope lanyards (315A).

(28) Remove the PCB assembly (-320).

(29) Remove the PCB assembly (-325).

(30) Remove the plunger nylatches (330).

(31) Remove the spacers (335).

(32) Remove the grommet nylatches (340).

(33) Remove the screws (360) and washers (365) to release the PCB brackets (350 and -355).

(34) Remove the reading light adapter (370).

(35) Remove the reading light adapter (-375).

(36) Remove the gasper air adapter (380).

(37) Remove the gasper air adapter (-385).

(38) Remove the screws (400) and washers (405) to release the light / gasper air buckets (390 and -395).

(39) Remove the air outlets (410 or -410B).

(40) Remove the O-ring (412).

(41) Remove the anti-rattle pads (415).

(42) Remove the pins (420).

(43) Remove the torsion springs (425).

(44) Remove the passenger service unit latch catches (430).

(45) Remove the cable tie (435).

(46) Remove the screws (440).

(47) Remove the washers (445).

(48) Remove the speed nut (450 or -450A).

(49) Remove and disassemble the oxygen / light / gasper air panel assembly (-455) as follows:

(a) Remove the oxygen / light / gasper air panel (457).

(50) Remove and disassemble the oxygen / light / gasper air panel assembly (-460) as follows:

(a) Remove the oxygen / light / gasper air panel (-475).

SUBTASK 25-28-48-040-004-A01

D. Left-Hand Passenger Service Unit Assembly (IPL Figure 1C)

(1) Remove the passenger service unit wire harness assembly (5 or -5A).

(2) Remove the cable tie (10).

(3) Remove the foam pad (15).

(4) Remove the snap rivets (-20).

(5) Remove the screws (35) and washers (40) to release the oxygen box assemblies (25 and -30A). Disassemble the oxygen box assemblies (25 and -30A) in accordance with SUBTASK 25-28-48-040-013-A01.

(6) Remove the cable tie (50).

(7) Refer to REPAIR section to replace the bonded cable tie mount (55).

(8) Remove and disassemble the air hose assembly (-60) as follows:

(a) Remove the cable tie (65).

(b) Remove the air hose (70).

(c) Remove and disassemble the male connector assembly (-75) as follows:

1 Remove the O-ring (80).

2 Remove the male connector (85).

(9) Remove the cable ties (90).

(10) Remove and disassemble the attendant call switch assembly (-95) as follows:

(a) Remove the cable ties (-97).

(b) Remove the socket contacts (100).

(c) Remove and disassemble the switch cap assembly (-105) as follows:

1 Remove the switch and cap assembly (117).

(11) Remove and disassemble the attendant call light assembly (120) as follows:

(a) Remove the cable ties (-122).

(b) Remove the crimp contacts (125).

(c) Remove the attendant LED (130).

(12) Remove the screw (140) and washer (145) to release the reading light switch cap assembly (-135). Disassemble the reading light switch cap assembly (-135) as follows:

(a) Remove the rocker (150).

(b) Remove the light switch cap (155).

(13) Remove the rocker base (160).

(14) Remove and disassemble the switch PCB assembly (165) as follows:

(a) Remove the socket contacts (-170).

(b) Remove the key switches (175).

(c) Remove the PCB artwork (180).

(15) Remove and disassemble the reading light assemblies (185 or -185A) as follows:

(a) Remove the spring ring (190).

(b) Remove the housing lens assembly (195).

(c) Remove the incandescent lamp (200).

(d) Remove the housing assembly (205).

(16) Refer to REPAIR section to replace the bonded cable tie mount (210).

(17) Remove the screws (220) and washers (225) to release the bracket (215).

(18) Remove and disassemble the lanyard assembly (230) as follows:

(a) Remove the oval sleeves (235B).

(b) Remove the split ring (240).

(c) Remove the dacron rope lanyards (245A).

(19) Remove the PCB assembly (250 or -250A).

(20) Remove the plunger nylatches (255).

(21) Remove the spacers (260).

(22) Remove the grommet nylatches (265).

(23) Remove the screws (275) and washers (280) to release the PCB bracket (270 or -270A).

(24) Remove the screws (290) and washers (295) to release the light / gasper air bucket (285).

(25) Remove the air outlets (300).

(26) Remove the plenum cap clamps (305).

(27) Remove the plenum caps (310).

(28) Remove the anti-rattle pads (315).

(29) Remove the pins (320).

(30) Remove the torsion springs (325).

(31) Remove the passenger service unit latch catches (330).

(32) Remove the cable tie (335).

(33) Remove the screws (340).

(34) Remove the washers (345).

(35) Remove the speed nut (350).

(36) Remove and disassemble the oxygen/light/ gasper air panel assembly or oxygen/ light/ gasper air panel assembly (355 or -355A) as follows:

(a) Remove the oxygen/light/ gasper panel (-365 or -365A).

SUBTASK 25-28-48-040-005-A01

E. Left-Hand Passenger Service Unit Assembly (IPL Figure 1D)

(1) Remove the passenger service unit wire harness assembly (5 or -5A).

(2) Remove the cable ties (10 or -10A).

(3) Remove the foam pad (15).

(4) Remove the snap rivets (-20 or -20A).

(5) Remove the screws (30) and washers (35) to release the oxygen box assembly (-25, -25A, -25B, 25C, -25D, -25E, -25F, -25G, or -25H). Disassemble the oxygen box assembly (-25, -25A, -25B, 25C, -25D, -25E, -25F, -25G, or -25H) in accordance with SUBTASK 25-28-48-040-007-A01 or SUBTASK 25-28-48-040-008-A01.

(6) Remove the receptacle housing (-40A).

(7) Remove the cable tie (-45A).

(8) Refer to REPAIR section to replace the bonded cable tie mount (50).

(9) Remove and disassemble the air hose assembly (55, -55A, or -55B) as follows:

(a) Remove the cable tie (-65).

(b) Remove the air hose (70, -70A, or -70B).

(c) Remove and disassemble the male connector assembly (-75) as follows:

1 Remove the O-ring (80).

2 Remove the male connector (85).

(10) Remove the speed nut (-95) to release the attendant call switch assembly (-90 or -90A). Disassemble the attendant call switch assembly (-90 or -90A) as follows:

(a) Remove the socket contacts (100).

(b) Remove and disassemble the switch cap assembly (105 or -105A) as follows:

1 Remove the switch (-115).

(11) Remove and disassemble the attendant call light assembly (125 or -125A) as follows:

(a) Remove the crimp contacts (-130).

(b) Remove the attendant led (-135 or -135A).

(12) Remove the screw (145) and washer (150) to release the reading light switch cap assembly (-140 or -140A). Disassemble the reading light switch cap assembly (-140 or -140A) as follows:

(a) Remove the rocker (155 or -155A).

(b) Remove the light switch cap (160 or -160A).

(13) Remove the rocker base (165).

(14) Remove and disassemble the switch PCB assembly (170) as follows:

(a) Remove the socket contacts (175).

(b) Remove the key switches (180).

(c) Remove the PCB artwork (185).

(15) Remove the reading lights (190 or -190A).

(16) Refer to REPAIR section to replace the bonded cable tie mount (195).

(17) Remove the screws (205) and washers (210) to release the bracket (200).

(18) Remove and disassemble the lanyard assembly (215) as follows:

(a) Remove the oval sleeves (220).

(b) Remove the spring snap (225).

(c) Remove the dacron rope lanyards (230A).

(19) Remove the PCB assembly (235 or -235A).

(20) Remove the plunger nylatches (240).

(21) Remove the spacers (245).

(22) Remove the grommet nylatches (250).

(23) Remove the screws (260) and washers (265) to release the PCB bracket (255 or -255A).

(24) Remove the screws (275) and washers (280) to release the light / gasper air bucket (270, -270A, -270B, or -270C).

(25) Remove the air outlets (285 or -285A).

(26) Remove the plenum cap clamps (290 or -290A).

(27) Remove the plenum caps (295 or -295A).

(28) Remove the rivets (-305) to release the passenger service unit latch catches (300).

(29) Remove the torsion springs (310).

(30) Remove the anti-rattle pads (315).

(31) Remove the screws (320).

(32) Remove the washers (325).

(33) Remove the retaining ring (-330A).

(34) Remove the spacer washer (-335).

(35) Remove the O-ring (-340).

(36) Remove the cable tie (-345).

(37) Remove the reading light adapter (-350).

(38) Remove the gasper air adapter (-355).

(39) Remove the gasper air adapter (-360).

(40) Remove the reading light adapter (-365A).

(41) Remove and disassemble the oxygen/light/ gasper air panel assembly or oxygen/ light/ gasper air panel assembly (370 or -370A) as follows:

(a) Remove the oxygen/ light/ gasper panel (-380 or -380A).

SUBTASK 25-28-48-040-006-A01
F. Passenger Service Unit Installation (IPL Figure 1E)

(1) Remove and disassemble the Wi-Fi/NS/FSB sign assemblies (-5) as follows:

(a) Refer to REPAIR section to replace the bonded lens (10).

(b) Remove the PCB assembly (15).

(c) Refer to REPAIR section to replace the bonded bumper (-20).

(d) Remove the housing assembly (25).

(2) Remove and disassemble the plug assemblies (-30) as follows:

(a) Remove the O-ring (35).

(b) Remove the plug (40).

(3) Remove the O-rings (-45).

(4) Refer to REPAIR section to replace the bonded placards (50).

SUBTASK 25-28-48-040-007-A01
G. Passenger Service Unit Installation (IPL Figure 1F)

(1) Remove and disassemble the class divider filler panels (5) in accordance with SUBTASK 25-28-48-040-036-A01.

(2) Remove and disassemble the class divider filler panels (10) in accordance with SUBTASK 25-28-48-040-036-A01.

(3) Remove and disassemble the filler panel assemblies (15 or -15A) in accordance with SUBTASK 25-28-48-040-022-A01.

(4) Remove and disassemble the filler panel assemblies (20A) in accordance with SUBTASK 25-28-48-040-022-A01.

(5) Remove the Wi-Fi/NS/FSB sign assemblies (30).

(6) Refer to REPAIR section to replace the bonded placards (35, -35A, -35B, -35C, or -35D).

(7) Remove the O-rings (40 or -40A).

SUBTASK 25-28-48-040-008-A01
H. Passenger Service Unit Installation (IPL Figure 1G)

(1) Remove the Wi-Fi/NS/FSB sign assemblies (5).

(2) Refer to REPAIR section to replace the bonded placards (10).

SUBTASK 25-28-48-040-009-A01
I. Passenger Service Unit Installation (IPL Figure 1H)

(1) Remove and disassemble the Wi-Fi/NS/FSB sign assemblies (5) as follows:

(a) Refer to REPAIR section to replace the bonded lens (10).

(b) Remove the PCB assembly (15).

(c) Refer to REPAIR section to replace the bonded bumper (-20).

(d) Remove the housing assembly (25).

(2) Remove the sealing caps (-30).

(3) Remove the sealing caps (-35).

(4) Remove the O-rings (-40).

(5) Refer to REPAIR section to replace the bonded modification incorporation placards (45).

(6) Remove and disassemble the right-hand passenger service unit assembly (50) in accordance with SUBTASK 25-28-48-040-002-A01.

(7) Remove and disassemble the filler 5" panel assemblies (55) in accordance with SUBTASK 25-28-48-040-022-A01.

(8) Remove and disassemble the filler 7" panel assemblies (60) in accordance with SUBTASK 25-28-48-040-022-A01.

(9) Remove and disassemble the filler 8" panel assemblies (65) in accordance with SUBTASK 25-28-48-040-022-A01.

(10) Remove and disassemble the class divider filler panel assemblies (70) in accordance with SUBTASK 25-28-48-040-036-A01.

(11) Remove and disassemble the class divider filler panel assemblies (75) in accordance with SUBTASK 25-28-48-040-036-A01.

SUBTASK 25-28-48-040-010-A01
J. Passenger Service Unit Installation (IPL Figure 1J)

(1) Remove and disassemble the right-hand passenger service unit assembly (5) in accordance with SUBTASK 25-28-48-040-002-A01.

(2) Remove and disassemble the filler panel assemblies (10) in accordance with SUBTASK 25-28-48-040-022-A01.

(3) Remove and disassemble the plug assemblies (-15) as follows:

(a) Remove the O-ring (20).

(b) Remove the plug (25).

(4) Remove the O-rings (-30).

(5) Refer to REPAIR section to replace the bonded foam (-35).

SUBTASK 25-28-48-040-037-A01

K. Passenger Service Unit Installation (IPL Figure 1K)

(1) Remove and disassemble the filler panel assemblies (5) in accordance with SUBTASK 25-28-48-040-023-A01.

(2) Remove and disassemble the filler panel assemblies (5) in accordance with SUBTASK 25-28-48-040-023-A01.

(3) Remove and disassemble the filler panel assemblies (15) in accordance with SUBTASK 25-28-48-040-022-A01.

(4) Remove and disassemble the filler panel assemblies (20) in accordance with SUBTASK 25-28-48-040-024-A01.

(5) Remove and disassemble the filler panel assemblies (25) in accordance with SUBTASK 25-28-48-040-025-A01.

(6) Remove and disassemble the filler panel assemblies (30) in accordance with SUBTASK 25-28-48-040-024-A01.

(7) Remove and disassemble the class divider filler panel assemblies (35) in accordance with SUBTASK 25-28-48-040-036-A01.

(8) Remove and disassemble the class divider filler panel assemblies (35) in accordance with SUBTASK 25-28-48-040-036-A01.

(9) Remove the O-rings (-45).

(10) Remove and disassemble the plug connector assemblies (-50) as follows:

(a) Remove the O-ring (-55).

(b) Remove the plug (-60).

(11) Remove and disassemble the right-hand speaker/NSFSB panel assemblies (65) in accordance with SUBTASK 25-28-48-040-021-A01.

(12) Remove and disassemble the right-hand speaker/NSFSB panel assembly (70) in accordance with SUBTASK 25-28-48-040-021-A01.

(13) Remove and disassemble the left-hand speaker/NSFSB panel assemblies (75) in accordance with SUBTASK 25-28-48-040-021-A01.

(14) Remove and disassemble the left-hand speaker/NSFSB panel assembly (80) in accordance with SUBTASK 25-28-48-040-021-A01.

(15) Remove and disassemble the forward load clamp assemblies (-85) in accordance with SUBTASK 25-28-48-040-033-A01.

(16) Remove and disassemble the temperature sensor panel assemblies (90) in accordance with SUBTASK 25-28-48-040-035-A01.

(17) Remove and disassemble the right-hand passenger service unit assemblies (95) in accordance with SUBTASK 25-28-48-040-005-A01.

(18) Remove and disassemble the left-hand passenger service unit assemblies (100) in accordance with SUBTASK 25-28-48-040-005-A01.

(19) Remove and disassemble the right-hand passenger service unit assemblies (105) in accordance with SUBTASK 25-28-48-040-005-A01.

SUBTASK 25-28-48-040-038-A01
L. Passenger Service Unit Installation (IPL Figure 1L)

(1) Remove and disassemble the filler panel assemblies (5) in accordance with SUBTASK 25-28-48-040-017-A01.

(2) Remove and disassemble the filler panel assemblies (10) in accordance with SUBTASK 25-28-48-040-017-A01.

(3) Remove the o-rings (-15).

(4) Remove and disassemble the plug connector assemblies (-20, -20A, or -20B) as follows:

(a) Remove the o-ring (-25).

(b) Remove the plug (-30).

(5) Remove and disassemble the forward load clamp assemblies (-35) in accordance with SUBTASK 25-28-48-040-005-A01.

(6) Remove and disassemble the air hose assemblies (-40 or -40A) in accordance with SUBTASK 25-28-48-040-006-A01.

(7) Remove and disassemble the right-hand speaker/ns/fsb panel assembly (45) in accordance with SUBTASK 25-28-48-040-017-A01.

(8) Remove and disassemble the left-hand speaker/ns/fsb panel assembly (50) in accordance with SUBTASK 25-28-48-040-017-A01.

(9) Remove and disassemble the right-hand speaker/ns/fsb panel assemblies (55) in accordance with SUBTASK 25-28-48-040-018-A01.

(10) Remove and disassemble the left-hand speaker/ns/fsb panel assemblies (60) in accordance with SUBTASK 25-28-48-040-018-A01.

(11) Remove and disassemble the right-hand speaker/ns/fsb panel assembly (65) in accordance with SUBTASK 25-28-48-040-016-A01.

(12) Remove and disassemble the left-hand speaker/ns/fsb panel assembly (70) in accordance with SUBTASK 25-28-48-040-016-A01.

(13) Remove and disassemble the right-hand passenger service unit assemblies (75) in accordance with SUBTASK 25-28-48-040-002-A01.

(14) Remove and disassemble the left-hand passenger service unit assemblies (-80 or 80A) in accordance with SUBTASK 25-28-48-040-001-A01.

(15) Remove and disassemble the right-hand passenger service unit assemblies (-85 or 85A) in accordance with SUBTASK 25-28-48-040-001-A01.

(16) Refer to REPAIR section to replace the bonded foam (-90 or -90A).

SUBTASK 25-28-48-040-040-A01
M. Passenger Service Unit Installation (IPL Figure 1N)

(1) Remove the o-rings (-5).

(2) Remove and disassemble the plug assemblies (-10) as follows:

(a) Remove the o-ring (-15).

(b) Remove the plug (-20).

(3) Remove and disassemble the left-hand passenger service unit assemblies (25) in accordance with SUBTASK 25-28-48-040-005-A01.

(4) Remove and disassemble the right-hand passenger service unit assemblies (30) in accordance with SUBTASK 25-28-48-040-005-A01.

(5) Remove and disassemble the left-hand passenger service unit assemblies (35) in accordance with SUBTASK 25-28-48-040-005-A01.

(6) Remove and disassemble the right-hand passenger service unit assemblies (40) in accordance with SUBTASK 25-28-48-040-005-A01.

(7) Remove and disassemble the left-hand speaker/ nsfsb panel assemblies (45) in accordance with SUBTASK 25-28-48-040-041-A01.

(8) Remove and disassemble the right-hand speaker/ nsfsb panel assemblies (50) in accordance with SUBTASK 25-28-48-040-041-A01.

(9) Remove and disassemble the left-hand speaker/nsfsb panel assembly (55) in accordance with SUBTASK 25-28-48-040-042-A01.

(10) Remove and disassemble the right-hand speaker/nsfsb panel assembly (60) in accordance with SUBTASK 25-28-48-040-042-A01.

(11) Remove and disassemble the filler panel assemblies (65) in accordance with SUBTASK 25-28-48-040-017-A01.

(12) Remove and disassemble the filler panel assembly (70) in accordance with SUBTASK 25-28-48-040-010-A01.

(13) Remove and disassemble the filler panel assembly (75) in accordance with SUBTASK 25-28-48-040-010-A01.

(14) Remove and disassemble the filler panel assemblies (80) in accordance with SUBTASK 25-28-48-040-024-A01.

(15) Remove and disassemble the filler panel assemblies (85) in accordance with SUBTASK 25-28-48-040-024-A01.

(16) Remove and disassemble the filler panel assemblies (90) in accordance with SUBTASK 25-28-48-040-025-A01.

(17) Remove and disassemble the temperature sensor panel assembly (95) in accordance with SUBTASK 25-28-48-040-035-A01.

(18) Remove and disassemble the class divider filler panel assembly (100) in accordance with SUBTASK 25-28-48-040-043-A01.

(19) Remove and disassemble the class divider filler panel assembly (105) in accordance with SUBTASK 25-28-48-040-043-A01.

(20) Remove and disassemble the class divider filler panel assembly (110) in accordance with SUBTASK 25-28-48-040-043-A01.

(21) Remove and disassemble the class divider filler panel assembly (115) in accordance with SUBTASK 25-28-48-040-043-A01.

SUBTASK 25-28-48-040-039-A01

N. Passenger Service Unit Installation (IPL Figure 1M)

(1) Remove the o-rings (-5).

(2) Remove and disassemble the plug connector assemblies (-10) as follows:

(a) Remove the o-ring (-15).

(b) Remove the plug (-20).

(3) Remove and disassemble the right-hand speaker panel assembly (25) in accordance with SUBTASK 25-28-48-040-021-A01.

(4) Remove and disassemble the left-hand speaker panel assembly (30) in accordance with SUBTASK 25-28-48-040-021-A01.

(5) Remove and disassemble the left-hand passenger service unit assembly (35) in accordance with SUBTASK 25-28-48-040-005-A01.

(6) Remove and disassemble the right-hand passenger service unit assembly (40) in accordance with SUBTASK 25-28-48-040-005-A01.

SUBTASK 25-28-48-040-011-A01

O. Wire Harness Assembly - Deleted (IPL Figure 2)

(1) Deleted IPL.

SUBTASK 25-28-48-040-012-A01

P. Left-Hand Oxygen Box Assembly (IPL Figure 3)

(1) Remove the screws (-25 or 25A), washers (-30 or 30A), washers (-35, 35A, or -35B), and nuts (-40 or 40A) to release the oxygen door latch (-20 or 20A).

(2) Refer to REPAIR section to replace the bonded cable tie mounts (-45 or 45A).

(3) Remove the cable tie (50).

(4) Refer to REPAIR section to replace the bonded placard (-55).

(5) Remove the 2 man bracket assembly (60).

(6) Remove the 2 man bracket assembly (-63).

(7) Remove the screws (-70), screws (-72), washers (-75), washers (-80), nuts (-85), screws (87), and washers (89) to release the 3 man bracket assembly (-65).

(8) Remove the oxygen generator (-90, -90A, or 90B).

(9) Remove the oxygen generator (-95 or -95A).

(10) Remove the grommet (100).

(11) Remove the rivets (-110), washers (-115), rivets (-117), and washers (118) to release the lanyard tube (105).

(12) Remove the rivets (-125A) and washers (-130) to release the bracket (-120).

(13) Remove the heat shield (135).

(14) Remove the heat shield (-140).

(15) Remove the oxygen box (-145).

(16) Remove the oxygen box assembly (147).

(17) Remove the mask deployment blanket assembly (150).

(18) Remove the passenger oxygen masks (155).

(19) Remove the passenger oxygen masks (-160).

(20) Remove the screws (170) and washers (175) to release the door / face panel assembly (165 or -165A). Disassemble the door / face panel assembly (165 or -165A) in accordance with SUBTASK 25-28-48-040-014-A01.

SUBTASK 25-28-48-040-013-A01

Q. Left-Hand Oxygen Box Assembly (IPL Figure 3A)

(1) Remove the screws (-25 or 25A), washers (-30 or 30A), washers (-35, 35A, or -35B), and nuts (-40 or 40A) to release the oxygen door latch (-20 or 20A).

(2) Refer to REPAIR section to replace the bonded cable tie mounts (-45 or 45A).

(3) Remove the cable tie (50).

(4) Refer to REPAIR section to replace the bonded placard (-55).

(5) Remove the 3 man bracket assembly (60).

(6) Remove the screws (-70), washers (-75), washers (-80), nuts (-85), screws (87), and washers (89) to release the 3 man bracket assembly (65).

(7) Remove the oxygen generator (90).

(8) Remove the oxygen generator (-92 or -92A).

(9) Remove the grommet (95).

(10) Remove the rivets (-105 or -105A) and washers (110) to release the lanyard tube (100).

(11) Remove the rivets (-120A) and washers (-125) to release the bracket (-115).

(12) Remove the heat shield (130 or -130A).

(13) Remove the oxygen box or oxygen box assembly (-135 or 135A).

(14) Remove the mask deployment blanket assembly (140).

(15) Remove the passenger oxygen masks (145).

(16) Remove and disassemble the door / face panel assembly (150 or -150A) in accordance with SUBTASK 25-28-48-040-014-A01.

(17) Remove the screws (160) and washers (165) to release the door / face panel assembly (155 or -155A). Disassemble the door / face panel assembly (155 or -155A) in accordance with SUBTASK 25-28-48-040-014-A01.

SUBTASK 25-28-48-040-014-A01

R. Door/Face Panel Assembly (IPL Figure 4)

(1) Refer to REPAIR section to replace the bonded placards (10 and 15).

(2) Remove the oxygen door latch (20), nuts (25), and washers (30A).

(3) Remove the screws (40) and washers (45A) to release the bracket assembly (-35). Disassemble the bracket assembly (-35) as follows:

(a) Remove the studs (-47A).

(b) Remove the bracket (48).

(4) Remove the latch pin (50).

(5) Remove the latch assembly (55).

(6) Refer to REPAIR section to replace the bonded seal (60).

(7) Remove the hinge pins (65).

(8) Remove the torsion springs (70 and 75A).

(9) Remove the detail hinges (80).

(10) Refer to REPAIR section to replace the bonded hook nylon tape (-85).

(11) Remove and disassemble the door assemblies (-90 and -95) as follows:

(a) Remove the oxygen mask door panels (92 and -103).

(12) Remove and disassemble the oxygen face panel assembly (-107) as follows:

(a) Remove the oxygen face panel (120A).

SUBTASK 25-28-48-040-015-A01

S. Speaker/NS/FSB Panel Assembly (IPL Figure 5)

(1) Refer to REPAIR section to replace the bonded speaker insulation assembly (10 or -10A).

(2) Remove the screws (15A).

(3) Remove the washers (20A).

(4) Remove the nuts (25).

(5) Remove the cable ties (30).

(6) Remove and disassemble the wire harness assembly (-35 or -35A) as follows:

(a) Remove the receptacle connector (-45A).

(b) Remove the receptacles (-50).

(c) Remove the terminal links (-55).

(7) Remove and disassemble the lanyard assembly (-60) as follows:

(a) Remove the oval sleeves (65A).

(b) Remove the split ring (70).

(c) Remove the dacron rope lanyards (75A).

(8) Remove the screw (80).

(9) Remove the washer (85).

(10) Refer to REPAIR section to replace the bonded cable tie mount (90).

(11) Remove the bracket (95, -95A, -95B, or -95C).

(12) Remove the screw (110), washers (115), and nut (120) to release the cable tie mount (105). Refer to REPAIR section to replace the bonded cable tie mount (105).

(13) Refer to REPAIR section to replace the bonded placard (125 or -125A).

(14) Remove the nuts (135A), washers (140), and washers (142) to release the speaker (130 or -130A).

(15) Remove the screws (155) and washers (160) to release the bracket assembly (145 or -145B) or bracket (-145A or -145C).

(16) Remove the closeout foam (165).

(17) Remove the speaker cloth (170).

(18) Remove the speaker grill (175).

(19) Remove the speed nut (180 or -180A).

(20) Refer to REPAIR section to replace the bonded placard (185 or -185A).

(21) Remove and disassemble the NS/FSB sign assembly (190) as follows:

(a) Refer to REPAIR section to replace the bonded lens (195).

(b) Remove the PCB assembly (200).

(c) Remove the housing assembly (205).

(22) Remove the retaining rings (210).

(23) Remove the passenger service unit latch pins (215) or pins (-215A).

(24) Remove the torsion springs (220).

(25) Remove the latches (225) or passenger service unit latch catches (-225A).

(26) Refer to REPAIR section to replace the bonded pads (230) or bumpers (-230A).

(27) Refer to REPAIR section to replace the bonded pads (235) or bumpers (-235A).

(28) Remove and disassemble the panel assembly (240 or -240A) as follows:

(a) Remove the panel (-255 or -255A).

SUBTASK 25-28-48-040-016-A01
T. Speaker/NS/FSB Panel Assembly (IPL Figure 5A)

(1) Remove the screws (10A).

(2) Remove the washers (15A).

(3) Remove the nuts (20).

(4) Remove the cable ties (25).

(5) Remove and disassemble the wire harness assembly (-30 or -30A) as follows:

(a) Remove the receptacle connector (-40A).

(b) Remove the terminal links (-45).

(6) Remove and disassemble the lanyard assembly (-50) as follows:

(a) Remove the oval sleeves (55A).

(b) Remove the split ring (60).

(c) Remove the dacron rope lanyards (65A).

(7) Remove the screw (70).

(8) Remove the washer (75).

(9) Refer to REPAIR section to replace the bonded cable tie mount (80).

(10) Remove the bracket (85, -85A, -85B, or -85C).

(11) Remove the screw (100), washers (105), and nut (110) to release the cable tie mount (95). Refer to REPAIR section to replace the bonded cable tie mount (95).

(12) Remove the screws (125) and washers (130) to release the bracket assembly (115 or -115B) or bracket (-115A or -115C).

(13) Remove the closeout foam (135).

(14) Remove the speaker cloth (140).

(15) Remove the speaker grill (145).

(16) Remove the speed nut (150 or -150A).

(17) Refer to REPAIR section to replace the bonded placard (155 or -155A).

(18) Remove and disassemble the NS/FSB sign assembly (160) as follows:

(a) Refer to REPAIR section to replace the bonded lens (165).

(b) Remove the PCB assembly (170).

(c) Remove the housing assembly (175).

(19) Remove the retaining rings (180).

(20) Remove the passenger service unit latch pins (185) or pins (-185A).

(21) Remove the torsion springs (190).

(22) Remove the latches (195) or passenger service unit latch catches (-195A).

(23) Refer to REPAIR section to replace the bonded pads (200) or bumpers (-200A).

(24) Refer to REPAIR section to replace the bonded pads (205) or bumpers (-205A).

(25) Remove and disassemble the panel assembly (210 or -210A) as follows:

(a) Remove the panel (-225 or -225A).

SUBTASK 25-28-48-040-017-A01
U. Speaker/NS/FSB Panel Assembly (IPL Figure 5B)

(1) Refer to REPAIR section to replace the bonded speaker insulation assembly (10 or -10A).

(2) Remove the screws (15A).

(3) Remove the washers (20A).

(4) Remove the nuts (25).

(5) Remove and disassemble the wire harness assembly (-30 or -30A) as follows:

(a) Remove the receptacle connector (-40A).

(b) Remove the receptacles (-45).

(6) Remove and disassemble the lanyard assembly (-50) as follows:

(a) Remove the oval sleeves (55A).

(b) Remove the split ring (60).

(c) Remove the dacron rope lanyards (65A).

(7) Remove the screw (80A) and washer (85) to release the bracket (70, -70A, -70B, or -70C).

(8) Refer to REPAIR section to replace the bonded placard (90 or -90A).

(9) Remove the nuts (100A), washers (105), and washers (107) to release the speaker (95 or -95A).

(10) Remove the screws (120) and washers (125) to release the bracket assembly (110 or -110C) or bracket (-110B or -110D).

(11) Remove the closeout foam (130).

(12) Remove the speaker cloth (135).

(13) Remove the speaker grill (140).

(14) Remove the speed nut (145 or -145A).

(15) Remove and disassemble the NS/FSB sign assembly (150) as follows:

(a) Refer to REPAIR section to replace the bonded lens (155).

(b) Remove the PCB assembly (160).

(c) Remove the housing assembly (165).

(16) Remove the retaining rings (170).

(17) Remove the passenger service unit latch pins (175) or pins (-175A).

(18) Remove the torsion springs (180).

(19) Remove the latches (185) or passenger service unit latch catches (-185A).

(20) Refer to REPAIR section to replace the bonded pads (190) or bumpers (-190A).

(21) Refer to REPAIR section to replace the bonded pads (195) or bumpers (-195A).

(22) Refer to REPAIR section to replace the bonded placard (200).

(23) Remove and disassemble the panel assembly (205 or -205A) as follows:

(a) Remove the panel (-217 or -217A).

SUBTASK 25-28-48-040-018-A01

V. Speaker/NS/FSB Panel Assembly (IPL Figure 5C)

(1) Refer to REPAIR section to replace the bonded speaker insulation assembly (10A).

(2) Remove the snap rivets (-15).

(3) Remove the connector pad (20).

(4) Remove the cable ties (-25).

(5) Remove and disassemble the wire harness assembly (-30, -30A, -30B, -30C, -30D, or -30E) as follows:

(a) Remove the receptacle connector (-40A).

(b) Remove the receptacles (-45).

(c) Remove the terminal links (-50).

(6) Remove and disassemble the lanyard assembly (-55 or -55A) as follows:

(a) Remove the oval sleeves (60A or -60B).

(b) Remove the split ring (65) or spring snap (-65A).

(c) Remove the dacron rope lanyards (70A).

(7) Remove the snap rivets (-85) to release the speaker (75 or -75A).

(8) Remove the screws (100) and washers (105) to release the bracket (90 or -90A).

(9) Remove the closeout foam (110).

(10) Remove the speaker cloth (115).

(11) Remove the speaker grill (120 or -120A).

(12) Remove the speed nut (125, -125A, or -125B).

(13) Remove and disassemble the NS/FSB sign assembly (130), EDFSB sign assembly (-130A), or Wi-Fi/NS/FSB sign assembly (-130B) as follows:

(a) Refer to REPAIR section to replace the bonded lens (135, -135A, or -135B).

(b) Remove the PCB assembly (140, -140A, or -140B).

(c) Refer to REPAIR section to replace the bonded bumper (-143).

(d) Remove the housing assembly (145, -145A, or -145B).

(14) Remove the pins (150).

(15) Remove the torsion springs (155).

(16) Remove the passenger service unit latch catches (160).

(17) Remove the anti-rattle pads (165A).

(18) Refer to REPAIR section to replace the bonded placard (-168).

(19) Remove and disassemble the panel assembly (170 or -170A) as follows:

(a) Remove the panel (-185 or -185A).

SUBTASK 25-28-48-040-019-A01
W. Speaker/NS/FSB Panel Assembly (IPL Figure 5D)

(1) Remove the snap rivets (-10).

(2) Remove the connector pad (15).

(3) Remove the cable ties (-20).

(4) Remove and disassemble the wire harness assembly (-25 or -25A) as follows:

(a) Remove the connector (-35).

(5) Remove and disassemble the lanyard assembly (-45) as follows:

(a) Remove the oval sleeves (50A).

(b) Remove the split ring (55).

(c) Remove the dacron rope lanyards (60A).

(6) Remove the screws (75) and washers (80) to release the bracket (65 or -65A).

(7) Remove the closeout foam (85).

(8) Remove the speaker cloth (90).

(9) Remove the speaker grill (95).

(10) Remove the speed nut (100 or -100A).

(11) Remove and disassemble the NS/FSB sign assembly (105) or EDFSB sign assembly (-105A) as follows:

(a) Refer to REPAIR section to replace the bonded lens (110 or -110A).

(b) Remove the PCB assembly (115 or -115A).

(c) Remove the housing assembly (120 or -120A).

(12) Remove the pins (125).

(13) Remove the torsion springs (130).

(14) Remove the passenger service unit latch catches (135).

(15) Remove the anti-rattle pads (140A).

(16) Remove and disassemble the panel assembly (145 or -145A) as follows:

(a) Remove the panel (-160 or -160A).

SUBTASK 25-28-48-040-020-A01
X. Speaker/NS/FSB Panel Assembly (IPL Figure 5E)

(1) Refer to REPAIR section to replace the bonded speaker insulation assembly (10A).

(2) Remove the snap rivets (-15).

(3) Remove the connector pad (20).

(4) Remove and disassemble the wire harness assembly (-25 or -25A) as follows:

(a) Remove the receptacle connector (-35A).

(b) Remove the receptacles (-40).

(5) Remove and disassemble the lanyard assembly (-45) as follows:

(a) Remove the oval sleeves (50A).

(b) Remove the split ring (55).

(c) Remove the dacron rope lanyards (60A).

(6) Remove the snap rivets (-75) to release the speaker (65 or -65A).

(7) Remove the screws (90) and washers (95) to release the bracket (80 or -80A).

(8) Remove the closeout foam (100).

(9) Remove the speaker cloth (105).

(10) Remove the speaker grill (110).

(11) Remove the speed nut (115 or -115A).

(12) Remove and disassemble the NS/FSB sign assembly (120) or EDFSB sign assembly (-120A) as follows:

(a) Refer to REPAIR section to replace the bonded lens (125 or -125A).

(b) Remove the PCB assembly (130 or -130A).

(c) Remove the housing assembly (135 or -135A).

(13) Remove the pins (140).

(14) Remove the torsion springs (145).

(15) Remove the passenger service unit latch catches (150).

(16) Remove the anti-rattle pads (155A).

(17) Refer to REPAIR section to replace the bonded placard (158).

(18) Remove and disassemble the panel assembly (160 or -160A) as follows:

(a) Remove the panel (-172 or -172A).

SUBTASK 25-28-48-040-021-A01

Y. Speaker/NS/FSB Panel Assembly (IPL Figure 5F)

(1) Refer to REPAIR section to replace the bonded speaker insulation assembly (5).

(2) Remove the snap rivets (-10).

(3) Remove the connector pad (15).

(4) Remove and disassemble the wire harness assembly (-20, -20A, -20B, -20C, -20D, or -20E) as follows:

(a) Remove the receptacle connector (-25A).

(b) Remove the receptacles (-30).

(5) Remove and disassemble the lanyard assembly (-35) as follows:

(a) Remove the oval sleeves (40).

(b) Remove the spring snap (45).

(c) Remove the dacron rope lanyard (50A).

(6) Remove the snap rivets (-60) to release the speaker (55).

(7) Remove the bracket (65 or -65A).

(8) Remove the closeout foam (85).

(9) Remove the speaker cloth (90).

(10) Remove the speaker grill (95).

(11) Remove the speed nut (100).

(12) Remove the passenger service unit latch catches (105).

(13) Remove the pins (110).

(14) Remove the torsion springs (115).

(15) Remove the cable ties (120).

(16) Remove and disassemble the nsfsb sign assembly (-125 or -125A) as follows:

(a) Refer to REPAIR section to replace the bonded lens (130 or -130A).

(b) Remove the printed circuit board assembly (135 or -135A).

(c) Remove the housing assembly (140 or -140A).

(17) Remove the anti-rattle pads (145).

(18) Refer to REPAIR section to replace the bonded placard (150).

(19) Remove and disassemble the panel assembly (155 or -155A) as follows:

(a) Remove the panel (-165 or -165A).

SUBTASK 25-28-48-040-041-A01

Z. Speaker/NS/FSB Panel Assembly (IPL Figure 5G)

(1) Refer to REPAIR section to replace the bonded speaker insulation assembly (5).

(2) Remove the snap rivets (-10).

(3) Remove the connector pad (15).

(4) Remove the cable ties (20).

(5) Remove and disassemble the wire harness assembly (-25 or -25A) as follows:

(a) Remove the receptacle connector (-30).

(b) Remove the receptacles (-35).

(c) Remove the terminal links (-40).

(6) Remove and disassemble the lanyard assembly (-45) as follows:

(a) Remove the oval sleeves (50).

(b) Remove the spring snap (55).

(c) Remove the dacron rope lanyard (60).

(7) Remove the snap rivets (-70) to release the speaker (65).

(8) Remove the screws (80) and washers (85) to release the bracket (75 or -75A).

(9) Remove the closeout foam (90).

(10) Remove the speaker cloth (95).

(11) Remove the speaker grill (100).

(12) Remove the speed nut (105).

(13) Remove and disassemble the nsfsb sign assembly (110) as follows:

(a) Refer to REPAIR section to replace the bonded lens (115).

(b) Remove the pcb/backing plate assembly (120).

(c) Refer to REPAIR section to replace the bonded rubber bumper (-125).

(d) Remove the housing assembly (130).

(14) Remove the pins (135).

(15) Remove the torsion springs (140).

(16) Remove the passenger service unit latch catches (145).

(17) Remove the anti-rattle pads (150).

(18) Remove and disassemble the panel assembly (155 or -155A) as follows:

(a) Remove the panel (-165 or -165A).

SUBTASK 25-28-48-040-042-A01
AA. Speaker/NS/FSB Panel Assembly (IPL Figure 5H)

(1) Remove the snap rivets (-5).

(2) Remove the gasket (-10).

(3) Remove the cable ties (15).

(4) Remove and disassemble the wire harness assembly (-20 or -20A) as follows:

(a) Remove the receptacle connector (-25).

(b) Remove the terminal links (-30).

(5) Remove and disassemble the lanyard assembly (-35) as follows:

(a) Remove the oval sleeves (40).

(b) Remove the spring snap (45).

(c) Remove the dacron rope lanyard (50).

(6) Remove the screws (60) and washers (65) to release the bracket (55 or -55A).

(7) Remove the closeout foam (70).

(8) Remove the speaker cloth (75).

(9) Remove the speaker grill (80).

(10) Remove the speed nut (85).

(11) Remove and disassemble the sign assembly (90) as follows:

(a) Refer to REPAIR section to replace the bonded lens (95).

(b) Remove the pcb/backing plate assembly (100).

(c) Refer to REPAIR section to replace the bonded rubber bumper (105).

(d) Remove the housing assembly (110).

(12) Remove the pins (115).

(13) Remove the torsion springs (120).

(14) Remove the passenger service unit latch catches (125).

(15) Refer to REPAIR section to replace the bonded pads (130).

(16) Remove and disassemble the panel assembly (135 or -135A) as follows:

(a) Remove the panel (-145 or -145A).

SUBTASK 25-28-48-040-022-A01
AB. Filler Panel Assembly (IPL Figure 6)

(1) Remove the retaining rings (-5).

(2) Remove the passenger service unit latch pin (-10) or pin (10A).

(3) Remove the torsion spring (15).

(4) Remove the passenger service unit latch catch (20A).

(5) Remove the anti-rattle pad (30C).

(6) Remove the filler panel (35).

(7) Remove the pins (45) to release the passenger service unit latch catches (40).

(8) Remove the torsion springs (50).

(9) Remove the screws (60) to release the passenger service unit latch housings (55).

(10) Remove the foams (-65).

(11) Remove the screws (75A) and washers (80) to release the hinge (70, -70A, or -70B).

(12) Remove the filler panel assembly (85, -85A, or -85B).

SUBTASK 25-28-48-040-023-A01
AC. Filler Panel Assembly (IPL Figure 6A)

(1) Remove the passenger service unit latch catch (5).

(2) Remove the pin (10).

(3) Remove the torsion spring (15).

(4) Remove the seal (20A).

(5) Remove the anti-rattle pad (25).

(6) Remove the filler panel (30).

SUBTASK 25-28-48-040-024-A01
AD. Filler Panel Assembly (IPL Figure 6B)

(1) Remove the pins (5).

(2) Remove the torsion springs (10)

(3) Remove the passenger service unit latch catches (15).

(4) Remove the anti-rattle pads (20B).

(5) Remove the screws (30 or -30A) and washers (35 or -35A) to release the brackets (25 or -25A).

(6) Remove the filler panels (40 or -40A).

SUBTASK 25-28-48-040-025-A01
AE. Filler Panel Assembly (IPL Figure 6C)

(1) Remove the retaining rings (-5).

(2) Remove the pins (10A).

(3) Remove the torsion springs (15).

(4) Remove the passenger service unit latch catches (20A).

(5) Remove the anti-rattle pads (35A or -35B).

(6) Remove the screws (45A or -45B) and washers (50) to release the brackets (40).

(7) Remove the filler panels (55).

SUBTASK 25-28-48-040-026-A01
AF. Filler Panel Assembly (IPL Figure 6D)

(1) Remove the pins (5).

(2) Remove the torsion springs (10).

(3) Remove the passenger service unit latch catches (15A).

(4) Remove the anti-rattle pads (20B).

(5) Remove the rivet (-30) to release the cable tie mount (25).

(6) Remove the screws (40) and washers (45) to release the bracket (35).

(7) Remove the screws (55) and washers (60) to release the bracket (50).

(8) Remove the filler panels (65).

SUBTASK 25-28-48-040-028-A01
AG. Filler Panel Assembly (IPL Figure 7)

(1) Remove the screws (10) to release the passenger service unit latch housings (5).

(2) Remove the pins (-20) to release the passenger service unit latch catches (15).

(3) Remove the torsion springs (25).

(4) Remove the foams (30).

(5) Remove the screws (40) to release the hinge (35).

(6) Remove and disassemble the filler panel assembly (-45) as follows:

(a) Remove the filler panel (55).

(b) Refer to REPAIR section to replace the bonded decors (-60A).

SUBTASK 25-28-48-040-029-A01
AH. Filler Panel Assembly (IPL Figure 7A)

(1) Remove the screws (10) and washers (15) to release the bracket (5).

(2) Remove the rivet (-25) to release the cable tie mount (20). Refer to REPAIR section to replace the bonded cable tie mount (20).

(3) Remove the screws (35) and washers (40) to release the bracket (30).

(4) Remove the rivets (-50) to release the passenger service unit latch catches (45).

(5) Remove the torsion springs (55).

(6) Remove the anti-rattle pads (60).

(7) Remove the anti-rattle pad (65).

(8) Remove the end filler panel (70).

(9) Remove the end filler panel (75).

(10) Remove the bezel trim filler panel (80).

(11) Remove the bezel trim filler panel (85).

(12) Remove the latch filler panels (90).

(13) Remove the hinge filler panel (95).

(14) Refer to REPAIR section to replace the bonded SM bezel (100).

(15) Refer to REPAIR section to replace the bonded LG bezel (105).

SUBTASK 25-28-48-040-030-A01
AI. Filler Panel Assembly (IPL Figure 8)

(1) Remove the components of the passenger service unit panel electrical installation (3) in accordance with SUBTASK 25-28-48-040-034-A01.

(2) Remove the components of the passenger service unit panel electrical installation (-4) in accordance with SUBTASK 25-28-48-040-034-A01.

(3) Remove and disassemble the switch assemblies (-5) as follows:

(a) Remove the reading light button (10).

(b) Remove the reading lamp switch (15A).

(4) Remove the screws (25) and washers (30) to release the bracket assemblies (-20). Disassemble the bracket assemblies (-20) as follows:

(a) Remove the rivets (-40) to release the bracket (35).

(b) Remove the bracket (45).

(5) Remove the screws (55) to release the passenger service unit latch housings (50).

(6) Remove the pins (65) to release the passenger service unit latch catches (60).

(7) Remove the torsion springs (70).

(8) Remove the foams (75).

(9) Remove the screws (85A) to release the hinge (80).

(10) Remove and disassemble the filler panel assembly (-90 or -90A) as follows:

(a) Remove the filler panel (100).

(11) Remove the screws (110) and washers (115) to release the light bucket (105).

(12) Refer to REPAIR section to replace the bonded placard (-120).

SUBTASK 25-28-48-040-031-A01
AJ. Air Hose Assembly (IPL Figure 9)

(1) Remove the cable ties (5).

(2) Remove and disassemble the male connector assemblies (-10) as follows:

(a) Remove the O-ring (15).

(b) Remove the male connector (20).

(3) Remove the air hose (25).

SUBTASK 25-28-48-040-033-A01
AK. Forward Load Clamp Assembly (IPL Figure 10)

(1) Remove and disassemble the stud plate assembly (-5) as follows:

(a) Remove the stud plate (10).

(b) Remove the stud (15).

(2) Remove the washer (20).

(3) Remove the nut (25).

(4) Remove the upper clamp block (30, -30A, or -30B).

(5) Remove the lower clamp block (35, -35A, or -35B).

(6) Remove the load block (40 or -40A).

SUBTASK 25-28-48-040-034-A01
AL. Passenger Service Unit Panel Electrical Installation (IPL Figure 11)

(1) Remove the screws (10) and washers (15) to release the table lamp assembly (-5 or -5A).

(2) Remove and disassemble the spacers (20A) as follows:

(a) Remove the lamp (25).

(b) Remove the cabin emergency light (30).

(3) Remove the screws (40), screws (45), washers (50), washers (55), and lock nuts (60) to release the connector bracket (35).

(4) Remove the cable ties (65).

(5) Refer to REPAIR section to replace the bonded cable tie mounts (70).

(6) Remove the screws (72) and washers (73) to release the brackets (71).

(7) Remove the cable ties (75).

(8) Refer to REPAIR section to replace the bonded cable tie mounts (80).

(9) Remove the washers (81).

(10) Remove the washers (82).

(11) Remove the rivets (83).

(12) Remove the rivets (84).

(13) Refer to REPAIR section to replace the bonded cable tie mounts (85).

(14) Remove the rack card guide (-87) or circuit board assembly (87A).

(15) Remove the corregated tubing (90).

(16) Remove the wire harness assembly (-95 or -95A).

SUBTASK 25-28-48-040-035-A01
AM. Temperature Sensor Panel Assembly (IPL Figure 12)

(1) Remove the nuts (10), washers (15A), screws (20), and screws (21) to release the support bracket (5).

(2) Remove the spacers (25).

(3) Remove and disassemble the lanyard assembly (-30) as follows:

(a) Remove the oval sleeves (35).

(b) Remove the spring snap (40).

(c) Remove the dacron rope lanyard (45A).

(4) Remove the screws (55) to release the temperature sensor (50).

(5) Remove the seal foam (60).

(6) Remove the rivets (-70A) to release the passenger service unit latch catches (65).

(7) Remove the torsion springs (75A).

(8) Remove the anti-rattle pads (80).

(9) Remove the air grill assembly (85).

(10) Refer to REPAIR section to replace the bonded outboard temperature sensor panel (90).

(11) Refer to REPAIR section to replace the bonded inboard temperature sensor panel (95).

(12) Refer to REPAIR section to replace the bonded part B temperature sensor panel (100).

(13) Refer to REPAIR section to replace the bonded part A temperature sensor panel (105).

SUBTASK 25-28-48-040-036-A01
AN. Class Divider Filler Panel Assembly (IPL Figure 13)

(1) Remove the rivet (-10) to release the passenger service unit latch catch (5).

(2) Remove the torsion spring (15).

(3) Refer to REPAIR section to replace the bonded grommet (20).

(4) Remove the anti-rattle pad (25).

(5) Remove the class divider panel (30 or -30A).

SUBTASK 25-28-48-040-043-A01
AO. Class Divider Filler Panel Assembly (IPL Figure 13A)

(1) Remove the rivet (-10) to release the passenger service unit latch catch (5).

(2) Remove the torsion spring (15).

(3) Refer to REPAIR section to replace the bonded grommet (20).

(4) Remove the anti-rattle pad (25).

(5) Remove the class divider panel (30, -30A, -30B, or -30C).

SUBTASK 25-28-48-040-044-A01
AP. Passenger Service Unit Installation (IPL Figure 14)

(1) Remove and disassemble the left-hand speaker/nsfsb panel assembly (5) in accordance with SUBTASK 25-28-48-040-021-A01.

(2) Remove and disassemble the left-hand speaker/nsfsb panel assembly (10) in accordance with SUBTASK 25-28-48-040-021-A01.

(3) Remove and disassemble the left-hand speaker/nsfsb panel assemblies (15) in accordance with SUBTASK 25-28-48-040-021-A01.

(4) Remove and disassemble the left-hand speaker/nsfsb panel assemblies (20) in accordance with SUBTASK 25-28-48-040-021-A01.

(5) Remove and disassemble the left-hand passenger service unit assemblies (25) in accordance with SUBTASK 25-28-48-040-005-A01.

(6) Remove and disassemble the right-hand passenger service unit assemblies (30) in accordance with SUBTASK 25-28-48-040-005-A01.

(7) Remove and disassemble the filler panel assemblies (35) in accordance with SUBTASK 25-28-48-040-022-A01.

(8) Remove and disassemble the filler panel assemblies (40) in accordance with SUBTASK 25-28-48-040-024-A01.

(9) Remove and disassemble the filler panel assemblies (45) in accordance with SUBTASK 25-28-48-040-024-A01.

(10) Remove and disassemble the filler panel assemblies (50) in accordance with SUBTASK 25-28-48-040-025-A01.

(11) Remove and disassemble the temperature sensor panel assemblies (55) in accordance with SUBTASK 25-28-48-040-035-A01.

(12) Remove and disassemble the filler panel assemblies (60) in accordance with SUBTASK 25-28-48-040-023-A01.

(13) Remove and disassemble the filler panel assemblies (65) in accordance with SUBTASK 25-28-48-040-023-A01.

(14) Remove and disassemble the class divider filler panel assemblies (70) in accordance with SUBTASK 25-28-48-040-036-A01.

(15) Remove and disassemble the class divider filler panel assemblies (75) in accordance with SUBTASK 25-28-48-040-036-A01.

(16) Remove and disassemble the left-hand speaker/nsfsb panel assembly (80) in accordance with SUBTASK 25-28-48-040-021-A01.

(17) Remove and disassemble the right-hand speaker/nsfsb panel assembly (85) in accordance with SUBTASK 25-28-48-040-021-A01.

(18) Remove and disassemble the oxy/light gasper assemblies (90) in accordance with SUBTASK 25-28-48-040-045-A01.

(19) Remove the plug connectors (-95).

(20) Remove the o-rings (-100).

SUBTASK 25-28-48-040-045-A01
AQ. Oxygen Light Gasper Panel Assembly(IPL Figure 15)

(1) Remove the passenger service unit wire harness assembly (5).

(2) Refer to REPAIR section to replace the bonded cable tie mount (10).

(3) Remove the foam pad (-15).

(4) Remove the snap rivets (-20).

(5) Remove and disassemble the air right-hand hose (25) as follows:

(a) Remove the cable tie (30).

(b) Remove and disassemble the male connector assembly (-35) as follows:

1 Remove the o-ring (40).

2 Remove the o-ring (45).

(c) Remove the air hose (50).

(6) Remove the cable tie (55).

(7) Remove the screws (65) and washers (70) to release the elect bracket (60).

(8) Remove the tie-mount (75).

(9) Remove the plenum cap clamp (80).

(10) Remove the plenum cap (85).

(11) Remove the tie-mount (90).

(12) Remove the reading light (95).

(13) Remove the screws (105), washers (110), screws (115), and washers (120) to release the light gasper bucket (100).

(14) Remove the printed circuit board (rh) bracket (125).

(15) Remove the retaining ring (130).

(16) Remove the spacer washer (135).

(17) Remove the right-hand printed circuit board (140).

(18) Remove the printed circuit board spacers (145).

(19) Remove the snap rivet plungers (-150).

(20) Remove the snap rivet grommets (-155).

(21) Remove the receptacle housing (-160).

(22) Remove and disassemble the attendant call light assembly (-165) as follows:

(a) Remove the receptacles (170).

(b) Remove the attendant led (175).

(c) Remove the cable tie (180).

(d) Remove the label (-185).

(23) Remove and disassemble the lanyard assembly (190) as follows:

(a) Remove the oval sleeves (195).

(b) Remove the spring snap (200).

(c) Remove the polyester rope lanyard (205).

(24) Remove and disassemble the gasper panel assembly (210) as follows:

(a) Remove the oxygen/light/ gasper air panel (220).

(25) Remove the washers (230), screws (235), and washers (240) to release the screws (225).

(26) Remove the passenger service unit latch catches (245).

(27) Remove the rivets (-250).

(28) Remove the torsion springs (255).

(29) Remove the anti-rattle pads (260).

(30) Remove the reading light (265).

(31) Remove the air outlets (270).

(32) Remove the screw (280) and washer (285) to release the tie-mount (275).

(33) Remove and disassemble the switch printed circuit board assembly (290) as follows:

(a) Remove the socket contacts (295).

(b) Remove the key switches (300).

(c) Remove the printed circuit board artwork (305).

(d) Remove the 22-awg wire (310).

(34) Remove the rocker (315).

(35) Remove and disassemble the reading light switch cap assembly (320) as follows:

(a) Remove the rocker (325).

(b) Remove the light switch cap (330).

(36) Remove the attendant call switch assembly (-335).

(37) Remove and disassemble the nut (-340) as follows:

(a) Remove the socket contacts (345).

(b) Remove the key switches (350).

(c) Remove the printed circuit board artwork (355).

(d) Remove the 22-awg wire (360).

SUBTASK 25-28-48-040-046-A01
AR. Passenger Service Unit Installation (IPL Figure 16)

(1) Remove and disassemble the left-hand speaker/nsfsb panel assembly (5) in accordance with SUBTASK 25-28-48-040-021-A01.

(2) Remove and disassemble the left-hand speaker/nsfsb panel assembly (10) in accordance with SUBTASK 25-28-48-040-021-A01.

(3) Remove and disassemble the left-hand speaker/nsfsb panel assemblies (15) in accordance with SUBTASK 25-28-48-040-021-A01.

(4) Remove and disassemble the left-hand speaker/nsfsb panel assemblies (20) in accordance with SUBTASK 25-28-48-040-021-A01.

(5) Remove and disassemble the left-hand passenger service unit assemblies (25) in accordance with SUBTASK 25-28-48-040-005-A01.

(6) Remove and disassemble the right-hand passenger service unit assemblies (30) in accordance with SUBTASK 25-28-48-040-005-A01.

(7) Remove and disassemble the filler panel assemblies (35) in accordance with SUBTASK 25-28-48-040-022-A01.

(8) Remove and disassemble the filler panel assemblies (40) in accordance with SUBTASK 25-28-48-040-024-A01.

(9) Remove and disassemble the filler panel assemblies (45) in accordance with SUBTASK 25-28-48-040-024-A01.

(10) Remove and disassemble the filler panel assemblies (50) in accordance with SUBTASK 25-28-48-040-025-A01.

(11) Remove and disassemble the temperature sensor panel assemblies (55) in accordance with SUBTASK 25-28-48-040-035-A01.

(12) Remove and disassemble the filler panel assemblies (60) in accordance with SUBTASK 25-28-48-040-023-A01.

(13) Remove and disassemble the filler panel assemblies (65) in accordance with SUBTASK 25-28-48-040-023-A01.

(14) Remove and disassemble the class divider filler panel assemblies (70) in accordance with SUBTASK 25-28-48-040-036-A01.

(15) Remove and disassemble the class divider filler panel assemblies (75) in accordance with SUBTASK 25-28-48-040-036-A01.

(16) Remove and disassemble the left-hand speaker/nsfsb panel assembly (80) in accordance with SUBTASK 25-28-48-040-021-A01.

(17) Remove and disassemble the right-hand speaker/nsfsb panel assembly (85) in accordance with SUBTASK 25-28-48-040-021-A01.

(18) Remove and disassemble the oxy/light gasper assemblies (90) in accordance with SUBTASK 25-28-48-040-045-A01.

(19) Remove the plug connectors (-95).

(20) Remove the o-rings (-100).

TASK 25-28-48-99F-808-A01

1. General

A. This section provides cleaning instructions for passenger cabin interior equipment manufactured by Safran Cabin Inc. Correct use of the materials and equipment will provide acceptable cleaning, minimize hazards to personnel, and prevent possible damage to the equipment.

NOTE: The companies that make the cleaning materials can change the formula. Therefore, always follow the instructions given on the container. The instructions to mix and use the cleaning materials, given on or provided with the container, supersede the instructions given here.

Paragraph	Cleaning Procedures
3.A	General Surface Cleaning (Including Vinyl-Decor Covered Panels)
3.B	Cleaning Instructions and Material Specifications for Metal Parts
3.C	Cleaning Instructions for Adhesives

B. The recommended cleaning materials are given in Table 4001.

NOTE: Refer to applicable cleaning instructions for other materials not included in this Table.

NOTE: Equivalent items can be used.

Cleaning Tools and Materials
Table 4001/TABLE 25-28-48-940-002-A01

Nomenclature	Part or Specification Number	Source (CAGE)*
Apron	N/A	Commercially Available
Cotton Cloths (lint-free) (clean and dry)	N/A	Commercially Available
Protective eyewear or safety goggles	N/A	Commercially Available
Rubber Gloves or Latex	N/A	Commercially Available
Soft-bristled brush	NSN 0038	Industries For The Blind and Visually Impaired Inc. (V9U362)
Solvent, cleaning Adhesive removal	Acetone CAS No. 67-64-1	Commercially Available
	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261) (metal parts only)	Commercially Available
	BRULIN 815MX	Brulin Holding Co. Inc. (V94058)
*** Refer to the IPL, paragraph 6, for the address.**		

Cleaning Tools and Materials
Table 4001/TABLE 25-28-48-940-002-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Solvent, cleaning Adhesive removal	CALLA 301-A LEMON	Andpak Ema Inc. (V68491)
General overall surface cleaning (including decor) (Mild Detergents)	Mild household detergent	Commercially Available
	BRULIN 815MX	Brulin Holding Co. Inc. (V94058)
	CALLA 301-A LEMON	Andpak Ema Inc. (V68491)
Metal cleaning	Solvent, Federal Specification P-D-680, Type III	Optional
	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261) (metal parts only)	Commercially Available
	BRULIN 815MX	Brulin Holding Co. Inc. (V94058)
	CALLA 301-A LEMON	Andpak Ema Inc. (V68491)
	Sodium Bicarbonate NaHCO3 CAS No. 144-55-8	Commercially Available
Metal Preservation, Corrosion Inhibitors/Cleaners	VCI-416 Cleaner Corrosion Inhibitor	Cortec Corp. (V44695)
	Corwipe 300	Cortec Corp. (V44695)
Plastic Blade Scraper or Spatula	N/A	Commercially Available
Sponges (clean and dry)	Non-Scratch Scrub Sponge (Scotch-Brite)	3M Company (V04963)
Spray bottles	N/A	Commercially Available
Solvents - outside surfaces	Isopropyl Alcohol CAS No. 67-63-0	Commercially Available
	Acetone CAS No. 67-64-1	Commercially Available
Vacuum	N/A	Commercially Available
*** Refer to the IPL, paragraph 6, for the address.**		

TASK 25-28-48-100-801-A01

2. Safety Precautions

A. All cleaning materials have some hazard related to their use. Follow the safety warnings given below to make sure that the personnel are safe and to prevent damage to the equipment.

WARNING: METHYL ETHYL KETONE (MEK) AND ACETONE ARE POISONOUS AND FLAMMABLE. PREVENT EYE AND SKIN CONTACT AND DO NOT BREATHE THE VAPORS. KEEP AWAY FROM HEAT AND OPEN FLAME. USE IN A WELL VENTILATED AREA. DO NOT TAKE INTERNALLY. WEAR GLOVES AND USE DISCRETION TO AVOID VAPOR CONTACT WITH EYES AND NOSE. USE OF RESPIRATOR AND GOGGLES IS ADVISED.

BRULIN 815MX CONTAINS 2-AMINOETHANOL. DIRECT CONTACT CAN CAUSE EYE IRRITATION. LONG CONTACT CAN CAUSE SKIN IRRITATION. WEAR ADEQUATE AND DISCRETIONARY PROTECTION TO PREVENT AND MINIMIZE SKIN CONTACT AND EYE IRRITATION.

ALL HOUSEHOLD DETERGENTS, SOAPS, AND OTHER CLEANING AGENTS NORMALLY ARE ALKALINE SOLUTIONS. EYE IRRITATIONS AND SKIN SENSITIVITY IS POSSIBLE. WEAR ADEQUATE AND DISCRETIONARY PROTECTION TO PREVENT AND MINIMIZE HAZARDS.

CAUTION: ALL DISSIMILAR METALS ARE ISOLATED TO PREVENT GALVANIC CORROSION. IF REPAIR OR REPLACEMENT IS REQUIRED, THE MAINTENANCE MECHANICS MUST REMOVE AND REPLACE ALL SEALS AND INSULATING BARRIERS. ALL PARTS MUST BE DISASSEMBLED AND REASSEMBLED AS SHOWN IN THE DISASSEMBLY AND ASSEMBLY SECTIONS IN THIS CMM. ANY STRUCTURAL DAMAGE MUST BE REPAIRED AS DESCRIBED IN THE REPAIR SECTION IN THIS CMM.

TASK 25-28-48-100-802-A01

3. Cleaning Procedures

A. General Surface Cleaning (Including Vinyl-Decor Covered Panels)

CAUTION: THE DECORATIVE LAMINATE SURFACE OF VARIOUS INTERIOR COMPONENTS CAN BE DAMAGED BY THE USE OF INCORRECT CLEANING MATERIALS AND EQUIPMENT, OR INCORRECT MIXING OF THE SPECIFIED CLEANING MATERIALS.

DO NOT USE ABRASIVE MATERIALS ON THE DECORATIVE SURFACES. DO NOT SCRAPE THE SURFACES WITH SHARP TOOLS.

(1) Use of Mild Household Detergent

CAUTION: DO NOT USE BRULIN 815MX CLEANER UNDILUTED. SOLUTIONS STRONGER THAN SPECIFIED CAN DAMAGE THE DECORATIVE SURFACES.

(a) Prepare a solution of mild household detergent (Table 4001) with warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of detergent to 50 parts of water by volume. Apply the solution to the surface with a sponge or cotton cloth (lint-free).

(b) On porous surfaces, the cloth or sponge (Table 4001) should be lightly dampened with the solution and the surfaces should be cleaned using circular swipes. Do not allow excess solution to be forced from the sponge or cloth into the surface. Push lightly.

(c) On non-porous surfaces, such as Tedlar or vinyl, surfaces can be scrubbed with a wet sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(d) For all surfaces, scrub soiled areas as necessary, and repeat applications of mild detergent to remove contamination. Use a soft-bristled brush to clean heavily textured surfaces or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(2) Use of BRULIN 815MX

(a) Prepare a solution of BRULIN 815MX (Table 4001) with cool or warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of BRULIN 815MX to 64 parts of water by volume for light soil. Solution can be increased up to 1 part of BRULIN 815MX to 10 parts of water by volume. The solution can be applied using a spray bottle, soft-bristled brush, sponge, or cotton cloth (lint-free).

NOTE: Cool water works best with normal dirt and dust. Warm water works best with oily surfaces.

(b) On porous surfaces, do not use spray bottles. Cloth or sponge should be lightly dampened with the solution, and the surfaces should be cleaned using circular swipes. Do not allow excess solution to be forced from the sponge or cloth into the surface. Push lightly.

(c) On non-porous surfaces, such as Tedlar or vinyl, surfaces can be scrubbed with a wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(d) For all surfaces, scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft-bristled brush to clean heavily textured surfaces or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(3) Use of CALLA 301-A LEMON

(a) Prepare a solution of CALLA 301-A LEMON (Table 4001) with cool or warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of CALLA 301-A LEMON to 4-8 parts of water by volume for normal cleaning. For concentrated dirt, or spots, use full strength. The solution can be applied using a spray bottle, soft-bristled brush, or cotton cloth (lint-free).

NOTE: Cool water works best with normal dirt and dust. Warm water works best with oily surfaces.

(b) On porous surfaces, do not use spray bottles. Cloth or sponge should be lightly dampened with the solution, and the surfaces must be cleaned using circular swipes. Do not allow excess solution to be forced from the sponge or cloth into the surface. Push lightly.

(c) On non-porous surfaces, such as Tedlar or vinyl, surfaces can be scrubbed with a soft-bristled brush or wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with the soft-bristled brush, a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(d) For all surfaces, scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft-bristled brush to clean heavily textured surfaces or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

B. Cleaning Instructions and Material Specifications for Metal Parts

CAUTION: DO NOT LET SOLVENTS TOUCH THE DECOR MATERIAL OR PLASTIC COMPONENTS. MEK AND ACETONE CAN DAMAGE SOME COMPONENTS AND MATERIALS.

DO NOT SATURATE CLOTH WITH SOLVENT BY PLACING THE CLOTH OVER THE CONTAINER'S MOUTH AND TURNING THE CONTAINER TO WET THE CLOTH. THIS CAN CAUSE CONTAMINATION OF THE SOLVENT SOURCE. DO NOT USE OPEN CONTAINERS OR PLUNGER-TYPE SOLVENT DISPENSERS IN CLEANING SOLUTIONS. ALWAYS POUR THE SOLVENT ONTO THE CLOTH OR USE A DISPENSER CAN WHICH IS DESIGNED TO ISOLATE CONTAMINATION.

DO NOT SCOUR OR ABRADE SURFACES WITH LIGHT AL-O2 CORROSION. CORROSION PROTECTION IS NORMALLY A THIN LAYER OF ANODIZING OR ORGANIC AGENT. ABRASION CAN REMOVE THE PROTECTIVE FILM COATING.

DO NOT TOUCH THE CLEANED SURFACES. MAKE SURE TO WEAR GLOVES AND AVOID VAPOR DURING CLEANING.

USE A SHEET LEXAN MAT OVER THE FLOORING FIXED WITH DOUBLE-COATED ADHESIVE TO REDUCE THE IMPACT, GOUGING AND CORROSION.

COURTAULDS PRC ADHESIVE (PS 1776) IS A POLYSULFIDE, 2-PART FUEL TANK SEALANT. IT HAS EXTREMELY HIGH PEEL ON METAL BUT MINIMAL IMPACT ON CERTIFICATION OR BURN.

SOLVENT/CLEANER MUST NOT DAMAGE THE BASE MATERIAL AND CHEMICAL SURFACE TREATMENT/PLATING, AND MUST NOT LEAVE A RESIDUE ON THE SURFACE. DO NOT LET THE SOLVENT DRY ON THE SURFACE.

THE CLOTHS USED IN CLEANING MUST NOT CONTAIN ANY OIL, GREASE, SILICONE COMPOUNDS, OR ANY OTHER RESIDUE THAT CAN AFFECT THE ADHESION OF THE PRIMER.

NOTE: It is recommended that regardless of cleaning method employed, that metal surfaces should be treated with a corrosion inhibitor. Metal surfaces are normally treated or anodized to prevent corrosion. Normal wear and abnormal abuse affect corrosion, and it is always a factor in aircraft.

NOTE: Calla L-301A and Brulin 815MX used as described in this section are mild corrosion inhibitors. These are pH base materials which can neutralize the weak organic acids in real coffee and orange flavored drink.

NOTE: Cortec VC1416 and all Cortec products are specifically designed for corrosion.

(1) Use of Solvents

(a) Dampen a clean dry cotton cloth (lint-free) with the solvent by pouring the solvent onto the cloth. Wipe the metal surfaces with the solvent. Repeat applications as necessary to remove all dirt. Dry the parts with a clean, dry cotton cloth (lint-free). Do not allow solvent to evaporate on surface. Do not re-use cloth as this can redeposit contamination on the surface. For oxidation, powdery white corrosion, use corrosion inhibitor/cleaner.

(2) Use of BRULIN 815MX

(a) Prepare a solution of BRULIN 815MX (Table 4001) with cool or warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of BRULIN 815MX to 64 parts of water by volume, for light soil. Solution can be increased up to 1 part of BRULIN 815MX to 10 parts of water by volume. The solution can be applied using a spray bottle, soft-bristled brush, sponge, or cotton cloth (lint-free).

NOTE: Cool water works best with normal dirt and dust. Warm water works best with oily surfaces.

(b) Surfaces can be scrubbed with a wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with a clean sponge or cloth or soft-bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(c) For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft-bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(3) Use of CALLA 301-A LEMON

(a) Prepare a solution of CALLA 301-A LEMON (Table 4001) with cool or warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of CALLA 301-A LEMON to 4-8 parts of water by volume for normal soil. Use full strength for heavy soil. The solution can be applied using a spray bottle, soft-bristled brush, sponge or cotton cloth (lint-free).

NOTE: Cool water works best with normal dirt and dust. Warm water works best with oily surfaces.

(b) Surfaces can be scrubbed with a wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with a clean sponge or cloth or soft-bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(c) For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft-bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(4) Use of VCI-416 (Recommended BEST)

(a) Prepare a solution of VCI-416 (Table 4001) with cool or warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of CI-416 to 50 parts of water by volume for light soil. Solution can be increased up to 1 part of VCI-416 to 10 parts of water by volume for heavy soil. The solution can be applied using a spray bottle, soft-bristled brush, sponge, or cotton cloth (lint-free).

NOTE: Cool water works best with normal dirt and dust. Warm water works best with oily surfaces.

(b) Surfaces can be scrubbed with a wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(c) For all surfaces, scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft-bristled brush to clean heavily textured surfaces or crevices. No rinsing is necessary. Allow metal surfaces to remain wet for a minimum of 1 minute prior to drying. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(5) Use of Sodium Bicarbonate Cleaners and Strippers

(a) Equipment that uses Sodium Bicarbonate stripping compounds can be used to remove White-aluminum oxide corrosion, and can be capable of removing limited crevice or granular corrosion products. Use of Wet bicarbonate should be inspected and make sure coating thickness of anodize to make sure that its integrity. Restore protection per REPAIR section as needed.

(b) Dry Bicarbonate used as a grit-blast media can also be used.

(c) Regardless of wet or dry application, remove all remnants of Sodium Bicarbonate by rinsing with clean water. Dry the surfaces using either solvent or dry shop wipe. Do not allow the water to evaporate on the surfaces.

(6) Use of Cortec Corwipe 300

(a) Corwipe 300 Wipes are impregnated with corrosion inhibitors and offer mild cleaning. These wipes can be used after final wipe down of surfaces with a clean, dry shop wipe. When used as the final wipe down they will give added corrosion resistance to metal surfaces.

C. Cleaning Instructions for Adhesives

CAUTION: DO NOT LET SOLVENTS TOUCH THE DECOR MATERIAL OR PLASTIC COMPONENTS. MEK AND ACETONE CAN DAMAGE SOME COMPONENTS, AND MATERIALS.

DO NOT SATURATE CLOTH WITH SOLVENT BY PLACING THE CLOTH OVER THE CONTAINER'S MOUTH AND TURNING THE CONTAINER TO WET THE CLOTH. THIS CAN CAUSE CONTAMINATION OF THE SOLVENT SOURCE. ALWAYS POUR THE SOLVENT ONTO THE CLOTH OR USE A DISPENSER CAN DESIGNED TO ISOLATE CONTAMINATION.

NOTE: It is recommended that regardless of cleaning method employed; that metal surfaces should be treated with a corrosion inhibitor. Metal surfaces are normally treated or anodized to prevent corrosion. Normal wear and abnormal abuse affect corrosion, and it is always a factor in aircraft.

(1) Use of Solvents

(a) To remove adhesive tape or adhesive residue from metal parts, dampen a clean dry cotton cloth (lint-free) with the solvent by pouring the solvent onto the cloth. Wipe onto the adhesive residue or tape. Peel as much tape from the surface as possible. Use of a plastic scrapers or spatula to remove as much solid material is recommended. Do not scratch surfaces, this reduces corrosion protection. Do not use metal scrapers, as this increases damage risk.

(b) Repeat solvent applications as necessary to remove all residues. Dry the parts with a clean, dry cotton cloth (lint-free). Do not allow solvent to evaporate on surface.

(2) Use of BRULIN 815MX

(a) Prepare a solution of BRULIN 815MX (Table 4001) with warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of BRULIN 815MX to 10 parts of water by volume. The solution can be applied using a sponge or cotton cloth (lint-free).

NOTE: Warm water works best with most adhesive residues.

(b) Surfaces can be wiped with a wet sponge or cloth, or the material can be sprayed onto the surfaces and wiped with a clean sponge or cloth or soft-bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(c) For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft-bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(3) Use of CALLA 301-A LEMON

(a) Prepare a solution of CALLA 301-A LEMON (Table 4001). Use full strength. The solution can be applied using a spray bottle, soft-bristled brush, sponge, or cotton cloth (lint-free). Surfaces can be wiped with a wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with a clean sponge or cloth or soft-bristled brush. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(b) For all surfaces, scrub soiled areas as necessary, and repeat applications as necessary to remove contamination. Use a soft-bristled brush to clean heavily soiled areas or crevices. Rinse the surfaces with clean water, or use a fresh sponge or cloth dampened with clean water to remove residue. Dry the surfaces with a clean, dry cotton cloth (lint-free).

(4) Use of VCI-416

(a) For use on Metal surfaces with adhesive tape or residue. Prepare a solution of VCI-416 (Table 4001) with warm water (90°F - 120°F) (32ºC - 49ºC). Solution must be 1 part of VCI-416 to 10 parts of water by volume. The solution can be applied using a spray bottle, soft-bristled brush, sponge, or cotton cloth (lint-free).

NOTE: Warm water works best with most adhesive residue.

(b) Surfaces can be scrubbed with a wet sponge or cloth, or the material can be sprayed onto the surfaces and scrubbed with a clean sponge or cloth. Do not allow excess to run off onto adjoining surfaces. Take care that excess does not come into contact with porous surfaces.

(c) Scrub soiled areas as necessary, and repeat as necessary to remove contamination. Use a soft-bristled brush to clean heavily textured surfaces or crevices. No rinsing is necessary. Allow metal surfaces to remain wet for 1 minute. Dry the surfaces with a clean, dry cotton cloth (lint-free).

TASK 25-28-48-100-803-A01

4. Metal Preservation and Corrosion Inhibition

A. General Surface Cleaning and Preservation Metal Surfaces. Cortec VCI-416 is non-toxic and USDA Approved for metal surfaces. Removes oxidation as well as normal dirt and contamination. It is recommended for use, to make sure that the metal preservation.

(1) To Use Cortec VCI-416

(a) Cortec VCI-416 Cleaner, Corrosion Inhibitor can be purchased in 16 oz (473.18 ml) spray bottles or purchased in concentrated form. For use as a cleaner: heavy soil/ cleaning use concentrate at 1 part VCI-416 to 10 parts water. For Light Duty Cleaning, use 1 part VCI-416 to 50 parts water.

(b) Cortec VCI-416 use as Corrosion Inhibitor: if other cleaners are used, spray metal surfaces with Cortec VCI-416 or apply with a damp cloth. Wipe surfaces with a dry clean cloth to remove any residue from cleaning process. Spray or apply a second coat of Cortec VCI-416. Leave wet for a minimum of 1 minute. Follow with a clean dry, cloth.

(c) If Cortec VCI-416 was used as cleaner, make sure that the surfaces remain wet for 1 minute prior to drying.

(2) To Use Cortec Corwipe 300

(a) Corwipe 300 Wipes are impregnated with corrosion inhibitors and offer mild cleaning. These wipes can be used after final wipe down of surfaces with a clean dry shop wipe.

(b) When used as the final wipe down they will give added corrosion resistance to metal surfaces.

This page intentionally left blank.

INSPECTION/CHECK

TASK 25-28-48-99F-001-A01

1. General

A. Refer to paragraph 2 to do a general visual inspection of the Passenger Service Units (PSU) for damaged or worn parts.

B. Refer to REPAIR section to repair minor damage. If the damage is major or beyond simple repair, replace the part.

TASK 25-28-48-210-001-A01

2. Component Inspection/Checks

Component checks of the Passenger Service Unit (PSU) are given in Table 5001.

Inspection/Check Procedures
Table 5001/TABLE 25-28-48-210-001-A01

Component	Check For	Corrective Action
Passenger Service Unit Assembly (IPL Figures 1 thru 1N, 14 and 15)	Loose, bent, cracked or damaged bracket or bracket assembly.	If loose, tighten with attaching hardware. If damaged, replace the bracket or bracket assembly.
	Deformed or damaged clamp.	Replace the clamp.
	Loose cable tie mount.	Replace the cable tie mount.
	Damaged spring clip.	Replace the spring clip.
	Loose, bent, or scratched bumper.	If loose, tighten with attaching hardware. If scratched, scrub the bumper with Scotch-Brite. Any other damage, replace the bumper.
	Damaged, failed, malfunctioning, or improperly installed light.	Replace the light.
	Deteriorated, chipped, gouged or worn seal.	Replace the seal.
	Damaged ring.	Replace the ring.
	Damaged or worn latch.	Adjust hardware or replace the latch.
	Deformed or damaged pin.	Replace the pin.
	Damaged spring.	Replace the spring.
	Damaged grill.	Replace the grill.
	Scratched or broken lens.	Replace the lens.

Inspection/Check Procedures
Table 5001/TABLE 25-28-48-210-001-A01 (continued)

Component	Check For	Corrective Action
Passenger Service Unit Assembly (IPL Figures 1 thru 1N, 14 and 15)	Cracked or stripped seal in between galvanic metals or between crevices.	Replace the seal. Refer to REPAIR / CLEANING sections.
	Punctures, scratches, or gouges in the panel; separation between the bonded panel.	Repair the damage to the panel; the individual panel cannot be replaced.
	Damaged foam.	Replace the foam.
	Placard not readable or lost.	Refer to REPAIR section to replace the bonded placard.
	Crossed or stripped threads in the potted insert; insert loose or out of alignment.	Replace the insert per REPAIR section.
	Damage on panel assembly.	Repair the panel assembly as required. Refer to REPAIR section.
	Corroded component.	Repair/replace corroded component per REPAIR section.
Oxygen Box Assembly (IPL Figures 3 and 3A)	Damaged or worn latch.	Adjust hardware or replace the latch.
	Loose cable tie mount.	Replace the cable tie mount.
	Placard not readable or lost.	Refer to REPAIR section to replace the bonded placard.
	Loose, bent, cracked or damaged bracket or bracket assembly.	If loose, tighten with attaching hardware. If damaged, replace the bracket or bracket assembly.
	Deteriorated or damaged grommet.	Replace the grommet.
	Damage on panel assembly.	Repair the panel assembly as required. Refer to REPAIR section.
Door/Face Panel Assembly (IPL Figure 4)	Placard not readable or lost.	Refer to REPAIR section to replace the bonded placard.
	Damaged or worn latch.	Adjust hardware or replace the latch.

Component	Check For	Corrective Action
Door/Face Panel Assembly (IPL Figure 4)	Loose, bent, cracked or damaged bracket or bracket assembly.	If loose, tighten with attaching hardware. If damaged, replace the bracket or bracket assembly.
	Deformed or damaged pin.	Replace the pin.
	Damaged spring.	Replace the spring.
	Misaligned, damaged or deformed hinge.	Adjust hardware or replace the hinge.
Speaker / NS/FSB Panel Assembly (IPL Figures 5 thru 5H)	Damaged lanyard.	Replace the lanyard.
	Bent or damaged socket or contact in the connector and receptacle; crossed or stripped threads on the connector shell.	Replace damaged part.
	Loose cable tie mount.	Replace the cable tie mount.
	Loose, bent, cracked or damaged bracket or bracket assembly.	If loose, tighten with attaching hardware. If damaged, replace the bracket or bracket assembly.
	Damaged grill.	Replace the grill.
	Damaged foam.	Replace the foam.
	Loose, bent, or scratched bumper.	If loose, tighten with attaching hardware. If scratched, scrub the bumper with Scotch-Brite. Any other damage, replace the bumper.
Filler Panel Assembly (IPL Figures 6 thru 6F, 7, 7A, and 8)	Deformed or damaged pin.	Replace the pin.
	Damaged torsion spring.	Replace the torsion spring.
	Damaged or worn latch.	Adjust hardware or replace the latch.
	Damaged foam.	Replace the foam.
	Misaligned, damaged or deformed hinge.	Adjust hardware or replace the hinge.
Filler Panel Assembly (IPL Figure 8)	Deformed or damaged pin.	Replace the pin.

Inspection/Check Procedures
Table 5001/TABLE 25-28-48-210-001-A01 (continued)

Component	Check For	Corrective Action
Filler Panel Assembly (IPL Figure 8)	Damaged torsion spring.	Replace the torsion spring.
	Damaged or worn latch.	Adjust hardware or replace the latch.
	Damaged foam.	Replace the foam.
	Misaligned, damaged or deformed hinge.	Adjust hardware or replace the hinge.
	Damaged electrical component; refer to TESTING AND FAULT ISOLATION section to check the component function.	Replace damaged part.
	Cut or cracked insulation on the electrical wiring; burns or other electrical damage; corroded or damaged harness assembly, contact or connection.	Repair the electrical wiring per REPAIR section.
	Placard not readable or lost.	Refer to REPAIR section to replace the bonded placard.
Air Hose Assembly (IPL Figures 9 and 9A)	Loose cable tie.	Replace the cable tie.
	Bent or damaged socket or contact in the connector and receptacle; crossed or stripped threads on the connector shell.	Replace damaged part.
	Damaged ring.	Replace the ring.
	Cut or cracked tube, hose or adaptor.	Replace the tube, hose or adaptor.
Forward Load Clamp Assembly (IPL Figure 10)	Damaged block.	Replace the block.
	Loose, bent, cracked or damaged plate.	Repair/replace the plate per REPAIR section.
Electrical Installation (IPL Figure 11)	Loose, bent, cracked or damaged spacer or bracket.	If loose, tighten with attaching hardware. If damaged, replace the spacer or bracket.
	Loose cable tie mount.	Replace the cable tie mount.

Inspection/Check Procedures
Table 5001/TABLE 25-28-48-210-001-A01 (continued)

Component	Check For	Corrective Action
Electrical Installation (IPL Figure 11)	Cut or cracked insulation on the electrical wiring; burns or other electrical damage; corroded or damaged harness assembly, contact or connection.	Repair the electrical wiring per REPAIR section.
	Damaged electrical component; refer to TESTING AND FAULT ISOLATION section to check the component function.	Replace damaged part.
Temperature Sensor Panel Assembly (IPL Figure 12)	Loose, bent, cracked or damaged spacer or bracket.	If loose, tighten with attaching hardware. If damaged, replace the spacer or bracket.
	Damaged torsion spring.	Replace the torsion spring.
	Damaged grill.	Replace the grill.
	Damaged foam.	Replace the foam.
Class Divider Filler Panel (IPL Figure 13 and 13A)	Damaged torsion spring.	Replace the torsion spring.
	Deteriorated or damaged grommet.	Replace the grommet.

This page intentionally left blank.

TASK 25-28-48-99F-810-A01

1. General

A. This section contains procedures for the general repairs given below:

Paragraph	Repair Action
2	Replace or Install Bonded Components
3	Replace Potted Inserts
4	Fill and Relocate the Insert Holes
5	Replace Adhesive-Backed Rubstrip or Placard
6	Repair Electrical Circuits
7	Repair Corrosion and Restore Metal
8	Replace Trim/Extrusion
9	Repair Fiberglass Composite Panel
10	Fill Edge Holes in Honeycomb Panels
11	Fill and Fair out Procedures for Panel
12	Paint and Prime the Composite Panels
13	Repair Tedlar
14	Replace Decorative Laminate
15	Test Latch Replacement

WARNING: REFER TO CURRENT "MATERIAL SAFETY DATA SHEETS" (MSDS). THE COMPOUND MANUFACTURER GIVES THE MSDS FOR HEALTH AND SAFETY DATA.

B. The recommended materials are given in Table 6001.

NOTE: You can apply the materials shown in Table 6001. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc. Table 6001 does not give all the recommended materials shown in the repair procedures (see the applicable procedures for material specifications). Refer to the Engineering Specifications for specific materials and other approved equivalent materials (potting compound, adhesives, solvents, primers, and other very necessary materials).

NOTE: Equivalent items can be used.

Repair Materials
Table 6001/TABLE 25-28-48-940-003-A01

Nomenclature	Part or Specification Number	Source (CAGE)*
Miscellaneous Tools:		
Guide Tool	SLT 600G**	Shur-Lok Co. (V97393)
Sealant Gun, Pneumatic	Model 250	PRC - Desoto International Inc. (PPG Aerospace) (V5HCF1)
Putty Knife	N/A	Commercially Available
Razor Blade	N/A	Commercially Available
Pliers or Router	N/A	Commercially Available
Heat Gun	HL1920E or similar	TE Connectivity Corp. (V06090)
Pneumatic Wrench	N/A	Commercially Available
Soldering Iron	N/A	Commercially Available
Vacuum	N/A	Commercially Available
Pressure Spray Gun (JGA-502 Gun)	#FX tip and needle #765 air cap (or equivalent)	DeVilbiss Co. (ITW Inc.) (V0GAZ6)
Siphon Cup Gun (JGA-502 Cup)	#FX tip and needle #765 air cap (or equivalent)	DeVilbiss Co. (ITW Inc.) (V0GAZ6)
Polyester tapes, used for multipurpose lay-up at 400°F (202°C). Silicone or rubber based	Flashbreaker™ Polyester Pressure-Sensitive Adhesive and Release Tape	Airtech International Inc. (Airtech Advanced Materials Group) (V53912)
Polyester tapes, used for multipurpose lay-up	Flashbreaker™ Pressure-Sensitive Adhesive Masking and Release Tape	Airtech International Inc. (Airtech Advanced Materials Group) (V53912)
Conformal Coating, Brush Application	Military Spec MIL-I-46058, Class C or Humiseal 1A33	Commercially Available or Chase Corp. (V99109)
Abrasive-Cloth, Aluminum-Oxide, Medium-Grit	Federal Specification P-C-451	Commercially Available
Cloth, Milled Glass Fibers	MIL-C-9084, Hammer Milled 0.03125 in (0.0793 cm) length or less	Commercially Available
Scotch-Brite Pad	Aircraft Cleaning Pad Ultra Fine Hand Pad 7448	3M Company (V04963) 3M Company (V04963)
Sandpaper	100-400 grit 120-240 grit 180-220 grit 200-400 grit 400-600 grit	Commercially Available
Sanding Pad	320 grit	Commercially Available

Repair Materials
Table 6001/TABLE 25-28-48-940-003-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Adhesives:		
Decor Bonding adhesive	Scotch-Weld™ #30 (Formerly Fast-Bond™ #30)	3M Company (V04963)
	Scotch-Weld™ #30 NF (Formerly Fast-Bond™ #30-NF)	3M Company (V04963)
Edge Wrap	Aerobond 1801	Aerocell Corp. (V1SX35)
	Aquabind	Alternative Materials Tech Inc. (Akzo Nobel Coatings) (V0ZXD0)
Sealant/Adhesive (stainless steel)	DEVCON Aluminum Filled Epoxy Per MMM-A-132 Type I or equivalent	ITW Polymers Adhesives NA (V0RZG3)
	Henkel Loctite EA 9394 Adhesive or equivalent	Henkel Corp. (V1N6B3)
Adhesives	Epibond 1210-A (Resin) 9615-B (Hardener) Epibond 1559-1 A/B Epocast 1618 D/B Epocast 1628 A/B	Huntsman Advanced Materials GmbH (V1532N)
	L-301 A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)
	Versilok 506 Accelerator #4	Lord Corp. (Chemical Products Div.) (V30676)
	Scotch-Weld™ #5 (Formerly Scotch-Grip #5)	3M Company (V04963)
	DP420 DP190 EC-3524	3M Company (V04963)
Fill and Fair Compounds, Polyester Based	Akemi #7 Standard Filler	AXSON North America Inc. (Sika Advanced Resins) (V3VPY6)
	Akemi #4 Faster Version	AXSON North America Inc. (Sika Advanced Resins) (V3VPY6)
	Micro-Ultra Filler #15-3	Adtech Plastic Systems Corp. Inc. (V09AU0)
	Fire Retardant Reducer #15-3	Adtech Plastic Systems Corp. Inc. (V09AU0)
Fill and Fair Compounds, Epoxy Based	Araldite 252, 2-part Paste Adhesive Filler	Huntsman Advanced Materials GmbH (V1532N)

Repair Materials
Table 6001/TABLE 25-28-48-940-003-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Fill and Fair Compounds, Epoxy Based	DP110	3M Company (V04963)
Edge Fill	L-306	Cytec Industries Inc. (Solvay Group) (V0V7G8)
	Magnolia Plastics 128-135 A/B	Magnolia Advanced Materials Inc. (V22121)
Potting Compound	L-318 Kit Form	Cytec Industries Inc. (Solvay Group) (V0V7G8)
	Epibond 1559-1 A/B Epibond 420 or Redux 420 Epocast 1618 D/B Epocast 89670-A/B 1631-A/B 1632-A/B	Huntsman Advanced Materials GmbH (V1532N)
	Magnobond 92-1 A/B	Magnolia Advanced Materials Inc. (V22121)
	DP420	3M Company (V04963)
	Polystrate #14270 - 5 min epoxy	ITW Polymers Adhesives NA (V0RZG3)
	EY-3009 A/B or EY-3010 A/B 7160 A/B 7176	H.B. Fuller North America (V26348)
	Aerobond 1507-A/B or 1508-A/B Aerofill 1504-A/B	Aerocell Corp. (V1SX35)
	DAPCO 3040-A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)
Potting Adhesive, Epoxy Based	L-318	Cytec Industries Inc. (Solvay Group) (V0V7G8)
Structural Adhesive, Epoxy Based	L-301 A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)
Core Sealer-Edge Seal, Epoxy Based	L-306 FRHT (Alternate: Araldite 252 A-B, 2-part paste or Epocast 1628 A-B from Huntsman)	Cytec Industries Inc. (Solvay Group) (V0V7G8)
	DAPCO 3008 A/B DAPCO 3303	Cytec Industries Inc. (Solvay Group) (V0V7G8)
	Magnolia 85-3 A/B	Magnolia Advanced Materials Inc. (V22121)

Repair Materials
Table 6001/TABLE 25-28-48-940-003-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Laminating Resin Epoxy	Epon 828 Resin Epikure 3223 DETA Catalyst	Resolution Performance Products LLC (Hexion Inc.) (V3FBZ6)
	Epocast 50A1 (100 Parts by weight)	Huntsman Advanced Materials GmbH (V1532N)
	9816 Catalyst (15 Parts by weight) or 946 Catalyst (15 Parts by weight)	Huntsman Advanced Materials GmbH (V1532N)
	Hysol ® EA 956 A/B	Henkel Corp. (V1N6B3)
Sealant, Silicone (white)	RTV102 Dow Corning 7130 GE 160 GE 5242	Momentive Performance Materials Inc. (General Electric Co.) (V01139)
Sealant/Adhesive	PR 1775/1776 Class A or B	Courtaulds Aerospace (PPG Aerospace) (V05027)
	P/S 890 Class A or B	Sealants and Coatings Technologies Inc. (V45DF3)
Metal Surface Protection: Metal Preservation, Corrosion Inhibitors/Cleaners	VCI-416 Cleaner Corrosion Inhibitor	Cortec Corp. (V44695)
	Corwipe 300	Cortec Corp. (V44695)
Organic Coating for Aluminum Surfaces	VCI-386 Topcoat and VCI-393 / VCI-395 Primer	VCI Products are FDA and USDA approved
	Alodine 600/1200	Henkel Corp. (V1N6B3)
	White 44-W-7 Primer A/B*	Deft Inc. (PPG Aerospace) (V33461)
	Light Gray 44-W-18 Primer A/B *	Deft Inc. (PPG Aerospace) (V33461)
	White 44-W-7 and 44-W-18 NOTE: DO NOT HAVE CHROMATE	Deft Inc. (PPG Aerospace) (V33461)
Organic Epoxy Mastic Coating - Topcoat	M45/M46 Reduce with M95	Benjamin Moore and Co. Ltd. (V09585)
	M62-01 Epoxy Gloss Coating	Certified for Food Processing and FDA Approved for Food Service
Fluid Resistant Primers:	KOROPON 515-700 PAINT 910-704 CATALYST	Courtaulds Aerospace (PPG Aerospace) (V05027)

Repair Materials
Table 6001/TABLE 25-28-48-940-003-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Fluid Resistant Primers:	463-12-8 PAINT CA-116 CATALYST	Dexter Corp. Polymer System (V1JB33)
	10-P4-7 PAINT EC-131 CATALYST	Courtaulds Aerospace (PPG Aerospace) (V05027)
	515X391 PAINT 910c780 CATALYST 010x326 THINNER	Courtaulds Aerospace (PPG Aerospace) (V05027)
	MIL-P-23377 primer Ty II CIC MIL-T-81772B REDUCER (Green Primer)	C&C Ventures LLC (Randolph Products Co.) (V77672)
	MIL-P-23377 primer Ty II CIC MIL-T-81772B REDUCER (Yellow Primer)	C&C Ventures LLC (Randolph Products Co.) (V77672)
Top Coats:	#442-3 (GLOSS COLOR) #X-304 CATALYST	Bostik Inc. (Arkema) (V5W425)
	#453-3 (FLAT COLOR) #CA-118 CATALYST	Bostik Inc. (Arkema) (V5W425)
	#980- (GLOSS COLOR) #982- (SEMI-GLOSS)	WLS Coatings Inc. (V0YY71)
	Sher Will Enamel F63 or H99 V66V29 catalyst. R7KB29 or R7K84 or R99KY29 (REDUCER)	Sherwin-Williams Co. (V1JRP1)
	(03Y091) Topcoat (03Y091) Catalyst MIL-T-81772 Type I Reducer	Deft Inc. (PPG Aerospace) (V33461)
	MIL-PRF-85285C, Type I Polyurethane	Deft Inc. (PPG Aerospace) (V33461)
	#343-55 (Filler) #345-15 (Hardener) #346-65 (Top Coat) #345-65 (Hardener)	Mankiewicz Gebr. And Co. (VD2603)
Acceptable CIC Materials:	NYCOTE 7-11	Nycote Laboratories Corp. (V05803) or Chemetall Chemical Products Inc. (V02CA7)
	DINITROL / ARDROX AV Series Compounds DINITROL AV 8 DINITROL AV 15 DINITROL AV 25 DINITROL AV 30	Chemetall Oakite Inc. (V0L040)

Repair Materials
Table 6001/TABLE 25-28-48-940-003-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Acceptable CIC Materials:	SOCOPAC 65H	Socomore (VF6892)
Solvents:	Isopropyl Alcohol CAS No. 67-63-0	Commercially Available
	Acetone CAS No. 67-64-1	Commercially Available
	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261)	Commercially Available
	Ethyl Alcohol (Ethanol) CAS No. 64-17-5	Commercially Available
	Peerco 321	Commercially Available
Thinner	Humiseal #33	Chase Corp. (V99109)
Electrical: Plug, Sealing Splice, Wire Wire, Electrical (match color) 16-AWG 20-AWG 22-AWG Wrap, Spiral	N/A or in accordance with the OEM requirements	Commercially Available
Tubing, Heat shrink	Not specific	Commercially Available
Protective Coating, Corrosion, Blue	Nycote 7-11	Nycote Laboratories Corp. (V05803)

*** Refer to the IPL, paragraph 6, for the address.**

**** Add the insert tab number to the guide-tool part number. Example: The Insert tab-number T2 will use guide-tool part number SLT 600G2. This tool is optional. The repair facilities must consult with the insert manufacturer and sales representative on the available shop aids to make the insert repair faster and easier. These shop aids are not necessary, but they help those operators with no or little experience in insert installation.**

TASK 25-28-48-300-801-A01

2. Replace or Install Bonded Components

NOTE: Refer to Table 6001 for the recommended materials. For Structural Bonding reference “Structural Adhesives – Joints and Aluminum Doubler Bonding“ section.

WARNING: APPROVED SOLVENTS (MEK, ACETONE, ALCOHOL) ARE FLAMMABLE AND SHOULD BE USED WITH PROPER PRECAUTIONS. ALL SOLVENTS AND ADHESIVES SHOULD BE MIXED AND USED PER THESE INSTRUCTIONS AND/OR THE MANUFACTURER’S RECOMMENDED PROCEDURES.

SHOULD A CONFLICT BETWEEN THESE INSTRUCTIONS AND MANUFACTURERS’ INSTRUCTIONS OCCUR, THE MANUFACTURERS’ INSTRUCTIONS WILL TAKE PRECEDENCE, BUT NOTIFY SAFRAN CABIN INC., DIRECTOR OF MATERIALS AS SOON AS POSSIBLE.

USE THESE ITEMS IN A WELL VENTILATED AREA AND AWAY FROM OPEN FLAMES. IF ADHESIVES OR SOLVENT MATERIALS SHOULD COME IN CONTACT WITH SKIN OR EYES; FLUSH AREA WITH CLEAN WATER AND SEEK MEDICAL ATTENTION AS NEEDED.

THE USE OF PROPER PERSONAL PROTECTIVE GEAR IS REQUIRED. AT A MINIMUM: GLOVES ARE RECOMMENDED FOR HANDLING PARTS, AND SHOULD BE WORN WHENEVER HANDLING CHEMICALS OR SOLVENTS. GOGGLES SHOULD BE WORN WHEN A SPLASH COULD OCCUR.

WHEN SANDING OR ABRADING PART SURFACES; A DUST OR PARTICULATE MASK SHOULD BE WORN.

WHEN MIXING CHEMICALS OR USING SOLVENTS, AN ORGANIC VAPOR RESPIRATOR IS RECOMMENDED, ALONG WITH GOOD VENTILATION AND ADEQUATE LIGHTING.

A. Prior to bonding, remove any loose or damaged components. Partially bonded Metallic details and composite parts can be removed from other panels using heat and care. Heat the bond-line to 160°F - 180°F (71°C - 82°C) using a heat gun or similar tool until softened. Place the part in shear or peel or tap with a rubber or plastic mallet to dislodge the parts.

B. After separation, Inspect the parts and make sure that they are sound and can be re-bonded. If the part condition will not allow re-use, consult with Components Manual and resource new parts (panels, doublers, etc.) as needed.

C. Remove any loose debris from the surfaces of the loosened part.

D. Wipe down dirty or oily parts with a clean shop wipe or rag dampened with approved solvent from Table 6001, and follow with a clean dry shop wipe. This will remove any film or oil from the surface to be bonded.

E. Once the part is free of oil or film, to make sure that a satisfactory bond can be achieved, it is recommended that the bonding surface be abraded using a medium-grit (aluminum oxide or silicone oxide) sanding medium to remove any surface gloss. Do not sand prior to solvent wipe (step C). This abrasive cloth will remove the loose particles and will make a uniform-grain pattern on the surfaces.

F. Follow sanding operation with a clean, lint-free cloth dampened with approved solvent. Follow the wipe-down process with a clean, lint-free cloth to dry. Do not allow solvent to evaporate on surface of the part. Do not handle clean parts with bare skin.

G. For metallic parts-consult metal surface preparation section to make sure that the corrosion inhibition prior to bonding.

H. Mix approved adhesives (two-part resin/catalyst) per the requirements of the manufacturer. Mix no more than you can use during the pot life of the adhesive. Mix the components fully but not excessively. Do not whip air into the mixture during the mixing process.

CAUTION: SOME CATALYZED ADHESIVES WILL EXOTHERM (GENERATE HEAT) IN MODERATE MASS OR IF MIXED TOO AGGRESSIVELY.

I. Apply adhesive to both sides of the part(s) to be bonded to make sure uniform wet-out. It is recommended that an adhesive comb or pneumatic sealant gun be used to make sure that a uniform coat is applied.

- If using a sealant gun, apply a bead over the area that can be spread as appropriate to make sure uniform coverage. A spatula or similar tool can be used for this. When applying adhesive to both sides, spread one side lengthwise and spread the facing side width-wise so that the two would crisscross when pressed together.

- If using a comb, spread using at a minimum teeth with 1/16 x 1/16 spread (0.125 in (0.3175 cm) comb is preferred). When applying adhesive to both sides, spread one side lengthwise and spread the facing side width-wise so that the two would crisscross when pressed together.

J. Push the parts together. For large areas, begin at one end and work down slowly to make sure that no air is entrapped. Work quickly per the work-life requirements of the adhesive.

K. Remove unwanted or excess adhesive from the part using a clean spatula or similar tool. Use of a radius gauge or similar tool to provide a neat fillet is recommended. The dry tool is useful for removing the bulk of squeeze-out or excess adhesive. When large excess is removed, a cloth or cotton swab dipped in acetone, isopropyl alcohol or other approved solvent can be used to remove and residual excess away from the bond line. Do not soak or apply excess solvent to the bond line.

L. Clamp or fixture the parts as needed for a minimum of 2 hours at room temperature prior to attempting to accelerate the cure.

1. If accelerated cure is required – gently heat the part to 120°F - 140°F (49°C - 60°C) for a minimum of two hours. Do not heat above 160°F (71°C).

2. If Room Temperature Cure is acceptable, allow to set a minimum of 48 hours at room temperature (62°F (17°C) minimum).

M. Physical Inspection: Use a 6 in (15.24 cm) by 0.5 in (1.27 cm) scale or similar tool as a probe to follow adhesive bond lines. Make sure that the scale does not penetrate the bond-line greater than a depth of 0.0625 in (0.1587 cm) in any one area, these are not flaws, but where the resin has shrunk into the gaps. Check for gaps up 1 in (2.54 cm) in length and greater than 0.0625 in (0.1587 cm) in depth but no more than one-half the thickness of the base panel. These flaws can be corrected. See Touch-ups. Gaps greater than that defined here require that the detail be removed and re-bonded as the excess can compromise the part.

N. Touch-up: mix additional adhesive as needed to fill small gaps and inject into part areas as needed. Clean and form a fillet using the adhesive and a grout or radius gauge as necessary. Allow correction materials a minimum of 24 hours at room temperature to set, or two hours at 120°F (49°C).

O. Parts that require separation and cleaning prior to re-bonding should begin with paragraph A.

P. Seal the corners and clearances with white RTV102 Sealant as required.

TASK 25-28-48-300-802-A01

3. Replace Potted Inserts

NOTE: Refer to Table 6001 for the recommended materials. For replacing potted inserts reference “Insert Potting Compounds“ section.

NOTE: Use these instructions to replace inserts installed with potting compounds in the honeycomb panel. For repair of the fiberglass facings see below and referenced sections as appropriate.

WARNING: APPROVED SOLVENTS (MEK, ACETONE, ALCOHOL) ARE FLAMMABLE AND SHOULD BE USED WITH PROPER PRECAUTIONS. ALL SOLVENTS AND ADHESIVES SHOULD BE MIXED AND USED PER THESE INSTRUCTIONS AND/OR THE MANUFACTURER’S RECOMMENDED PROCEDURES.

SHOULD A CONFLICT BETWEEN THESE INSTRUCTIONS AND MANUFACTURERS’ INSTRUCTIONS OCCUR, THE MANUFACTURERS’ INSTRUCTIONS WILL TAKE PRECEDENCE, BUT NOTIFY SAFRAN CAIBN INC., DIRECTOR OF MATERIALS AS SOON AS POSSIBLE.

USE THESE ITEMS IN A WELL VENTILATED AREA AND AWAY FROM OPEN FLAMES. IF ADHESIVES OR SOLVENT MATERIALS SHOULD COME IN CONTACT WITH SKIN OR EYES; FLUSH AREA WITH CLEAN WATER AND SEEK MEDICAL ATTENTION AS NEEDED.

THE USE OF PROPER PERSONAL PROTECTIVE GEAR IS REQUIRED.

AT A MINIMUM: GLOVES ARE RECOMMENDED FOR HANDLING PARTS, AND SHOULD BE WORN WHENEVER HANDLING CHEMICALS OR SOLVENTS.

GOGGLES SHOULD BE WORN WHEN A SPLASH COULD OCCUR.

WHEN SANDING OR ABRADING PART SURFACES; A DUST OR PARTICULATE MASK SHOULD BE WORN.

WHEN MIXING CHEMICALS OR USING SOLVENTS, AN ORGANIC VAPOR RESPIRATOR IS RECOMMENDED, ALONG WITH GOOD VENTILATION AND ADEQUATE LIGHTING.

A. Inspect suspect or damaged insert and panel surround. If the Fiberglass panel is not damaged consult with paragraph 4 for the removal of the insert.

B. If the fiberglass panel is damaged:

– Damage is less than 1.5D (1.5x the Outside Diameter of the insert and flange):

a) Fill hole with potting compound and fair surface.

– Damage is greater than 1.5D and lower than 2.5D:

a) Mix laminating resin and prepare chopped glass fibers to fill the damaged area.

b) Mask the area outside the damage, and cut flashbreaker tape to match the hole in panel.

c) Use milled glass or chop glass fibers from woven or roving so that the glass is 0.0625 in (0.1587 cm) or 0.25 in (0.635 cm) in length.

d) Add some dry fibers inside insert hole, and inject a small amount of laminating resin over them – filling hole about ¼ of the way. Mix additional fibers with adhesive selection (10% by weight) and press/fill damaged area in panel to near flush. Add some additional unfilled resin to top and fill flush with surrounding panel. Allow to cure then sand flush prior to insert installation.

– If damaged area is greater than 2.5D it is recommended that skin restoration with either a wet lay-up or pre-cured fiberglass plug be accomplished prior to insert replacement. Consult paragraph 9 for wet lay-up.

a) If adding a pre-cured fiberglass plug over the damaged area, first clean surrounding area and smooth surfaces with an angle motor or sanding disk.

b) Wipe down surface with isopropyl alcohol or other approved solvent.

c) Pre-cured Fiberglass skin repair must overlap surrounding skins by a minimum of 0.25 in (0.635 cm) on all sides.

d) Remove one cell (0.125 in (0.3175 cm) of core) from around the ID hole.

e) Fill hole with structural adhesive or potting compound and bond pre-cured skin plug over the location. Make sure that the structural adhesive or potting compound adhesive fills the additional 0.125 in (0.3175 cm) area also.

f) Allow a minimum of 24 hours to set prior to additional sanding operations.

g) Fill and fair the step out of the panel surface per other sections of this specification.

C. After insert is removed per paragraph 4 or skin is restored per paragraph 3b; drill hole for new insert as needed. The hole only has to large enough to install the insert and allow the flange to be flush.

D. Inject potting compound into hole in the panel and fill a minimum of ¼ way.

E. Clean new or restored inserts by either vapor degrease or solvent cleaning. Wipe down surfaces with a solvent damp rag, then clean and dry with a lint-free shop wipe.

F. Do not handle degreased surfaces with bare hands.

G. Install insert in location. Can inserts are designed with an adhesive backed temporary fixing tab to make sure that a flush installation with panel surface. The tab is larger than the flange on the insert, and allows it to seat on the panel skin surface and hold the insert in place. Consult with source and use the tab(s) and alignment tools as needed to make sure that the alignment is as required.

H. Alignment tools are at the discretion of the repair shop, and not a requirement.

I. Inject potting compound into one of the tabs on top of insert and make sure that the adhesive push-out from the opposite side hole.

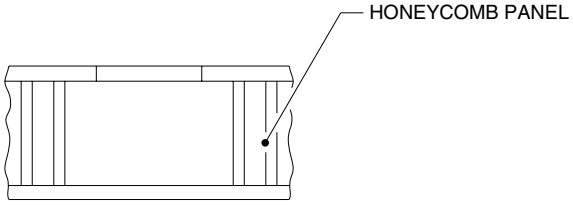
J. Allow adhesive to set prior to loading inserts. See Table 6002 for when part can be loaded (Green Strength). Any adhesive not listed in Table 6002 should be cured for a minimum of 24 hours prior to applying a load.

Adhesive Cure Time
Table 6002/TABLE 25-28-48-300-001-A01

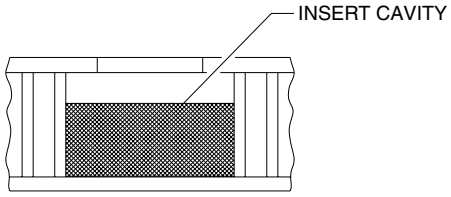
Manufacturer	Material Description	WorkLife / Cure Time (Green strength)
Aerocell Corp.	Aerobond 1507N A/B	30 minutes at 70°F+ (21°C+) 8 hours at 70°F+ (21°C+)
ITW Polymers Adhesives NA	#14270 Polystrate	4-5 minutes at 70°F+ (21°C+) 1.5 hours at 30°F+ (-1°C+)
	Plastic Welder II	20 minutes at 70°F+ (21°C+) 1.5 hours at 35°F+ (2°C+)
Huntsman Advanced Materials GmbH	Epocast 1544 A/C	20 minutes at 70°F (21°C) 24 hours at 70°F (21°C)
	Epocast 1544 A71/D Epocast 1544 A42/D Epocast 1544 A82/D	20 minutes at 70°F (21°C) 24 hours at 70°F (21°C)
	Epibond 1559-1 A/B	6 minutes at 70°F (21°C) 1 hour at 70°F (21°C)
	Epocast 1632 A/B	45 minutes 4 hours at 70°F (21°C)
	Epocast 1633 A/B	5 minutes at 70°F (21°C) 1 hour at 70°F (21°C)
	Araldite 2043	5 minutes at 70°F (21°C) 1 hour at 70°F (21°C)
	Araldite 2012 AW 2104 + HW 2934	4 minutes at 70°F (21°C) 1 hour at 70°F (21°C)
	Epocast 1618 A/B Epocast 1618 D/B	17 minutes at 70°F (21°C) 4 hours at 70°F (21°C)
	Fastweld 10	3-4 minutes at 70°F (21°C) 1 hour at 70°F (21°C)

Adhesive Cure Time
Table 6002/TABLE 25-28-48-300-001-A01 (continued)

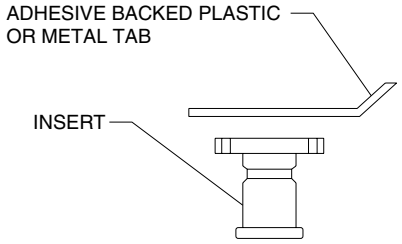
Manufacturer	Material Description	WorkLife / Cure Time (Green strength)
Huntsman Advanced Materials GmbH	EPIBOND 420 A/B REDUX 420 A/B	80 minutes at 72°F (22°C)
H.B. Fuller North America	FR 7162 A/B	10 minutes at 70°F (21°C) 8 hours at 70°F (21°C)
	FR 7176 A/B	10 minutes at 70°F (21°C) 8 hours at 70°F (21°C)
Magnolia Advanced Materials Inc.	Magnobond 92-1 A/B	10 minutes at 70°F (21°C) 8 hours at 70°F (21°C)
3M Company	DP420	20 minutes at 70°F (21°C) 4 hours at 70°F (21°C)
	DP460	60 minutes at 70°F (21°C) 4 hours at 70°F (21°C)
	EC-2216 A/B	30 minutes at 70°F (21°C) 4 hours at 70°F (21°C)
	EC-3333 B/A	30 minutes at 70°F (21°C) 4 hours at 70°F (21°C)



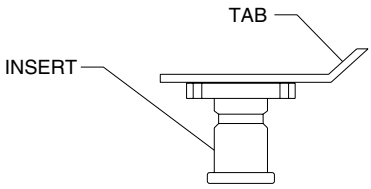
1. PREPARE THE HOLE FOR THE INSERT.
   INITIAL CAVITY IS SHOWN NET SIZE.
   IS NECESSARY TO REMOVE ONE CELL WIDTH CORE.



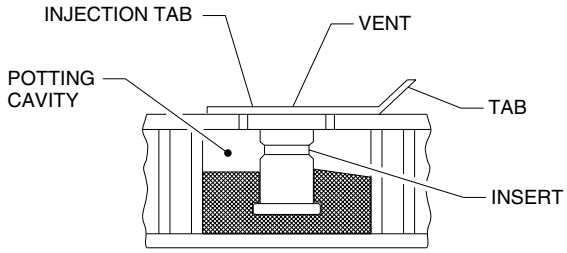
2. INCREASE THE HOLE BENEATH SKIN.
   REMOVE 1 CELL WIDTH (MIN).
   ADD POTTING COMPOUND (RECOMMENDED
   ON PANELS WITH 2–PLY OR MORE SKINS).
   TO CAVITY (~½ FULL) TO HELP SEAT INSERT.



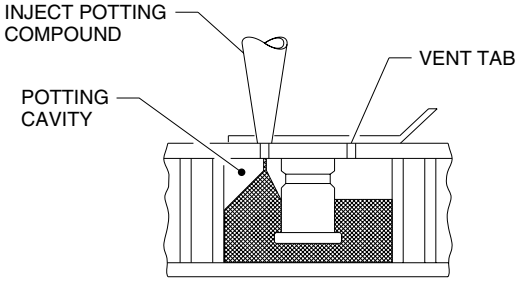
3. ALIGN THE ADHESIVE TAB TO FILL/VENT
   HOLES ON THE INSERT.



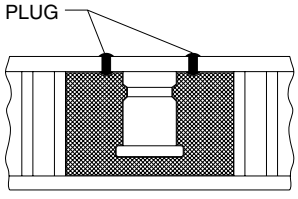
4. A PIN, PAPER CLIP, OR VENDOR
   (V97393) SUPPLIED GUIDE
   TOOL CAN BE USED TO AID ALIGNMENT.
   (REFER TO TABLE 6001)



5. INSTALL THE INSERT, PUSH
   THE TAB ON PANEL. MAKE
   SURE THE PROPER SEATING.



6. INJECT THE POTTING COMPOUND THROUGH
   THE HOLE IN INSERT UNTIL COMPOUND
   EXTRUDES THROUGH THE OPPOSITE VENT.



7. REMOVE THE TAB AND TRIM PLUGS
   FLUSH WITH THE PANEL.

Insert Installation with Potting Compound
Figure 6001/GRAPHIC 25-28-48-300-001-A01

TASK 25-28-48-300-803-A01

4. Fill and Relocate the Insert Holes

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

A. Remove the insert.

NOTE: The insert, when potted into a sandwich structure, holds the composite or other components in position. Before the insert installation, the core is relieved below the skin and around the hole perimeter of the insert. This does not let the adhesive plug to pull out of the composite.

(1) ALTERNATIVE 1:

(a) To remove the metal inserts, apply heat to them with a soldering iron. Put the end of the soldering iron into the insert sleeve (threaded or through hole).

NOTE: The heat increases the temperature of the potting compound and the insert. As a result, the L-318 potting compound cracks around the insert. Five (5) minutes are necessary for this process to occur. The glass or carbon skins must show no cracks or fractures.

(2) ALTERNATIVE 2:

(a) Put a bolt into the insert and, with a pneumatic wrench, apply a torque of 80 - 100 lbf-in (9 - 11.2 N-m). The standard inserts are made to get about 70 lbf-in (7.9 N-m) of torque. When you increase the torque, the insert will turn and will permit removal of the insert together with some of the defective adhesive.

(b) Let the insert turn freely for a minute or more to build heat and friction. The heat will crack the epoxy and permit its removal. Do not cause damage to the skins. If you cannot remove the insert easily, refer to Alternative 1.

B. After the insert removal, clean the panel hole to remove all dirt, dust, or other unwanted material. If necessary, remove an additional amount of core at ~0.05 in (0.127 cm) below the surface with a router. Let the skin stay intact. This will cause a blockage of the “plug” mechanically. If necessary, clean the area with Isopropyl Alcohol, acetone, or other approved solvent.

C. Apply a 0.002 in (0.00508 cm) thick mask of flashbreaker mylar, glass, polyester, or other masking tape around the insert hole.

D. Fill the hole with an applicable potting compound. Use a spatula or an equivalent edge tool to remove the unwanted compound from the surface. Move the edge tool at an angle along the flashbreaker tape to remove the unwanted adhesive. Do this until the remaining compound is 0.002 in (0.00508 cm) maximum above the skin surface.

CAUTION: BE CAREFUL WHEN YOU REMOVE THE MASKING TAPE TO PREVENT DAMAGE, SCRATCH, OR CUT TO THE PANEL SURFACE.

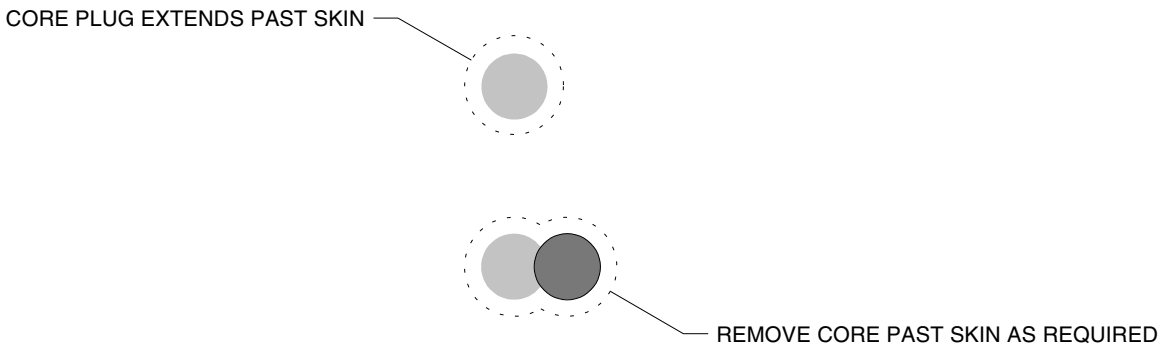
E. Remove the masking tape. Apply the edge tool along the skin surface. Let the compound cure for a sufficient time.

F. After the cure of the compound, make the lifted edges smooth with a 180-220 grit sandpaper, if necessary. To paint the composite, refer to paragraph 12.

G. Identify the new location and drill the composite to the correct diameter and depth.

H. Remove the core below the composite skin at ~0.05 in (0.127 cm) in the new location.

NOTE: There can be an overlap between the old and the new locations. If this occurs, release the skin where it was not removed before. See Figure 6002.



Fill and Relocate the Insert holes
Figure 6002/GRAPHIC 25-28-48-300-002-A01

TASK 25-28-48-300-804-A01

5. Replace Adhesive-Backed Rubstrip or Placard

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

A. Use a flat-blade screwdriver or an equivalent tool to remove the damaged rubstrip or placard from the panel.

B. Clean the panel with ethyl alcohol to remove the adhesive and other contamination.

C. Remove the contact sheet from the back of the replacement rubstrip or placard.

D. Install the rubstrip or placard in the same location on the panel. Push the rubstrip or placard from the center out to remove the air bubbles.

TASK 25-28-48-300-805-A01

6. Repair Electrical Circuits

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

NOTE: When necessary, replace and connect the electrical wires again. Refer to the subsequent steps for general instructions.

A. Replace the damaged wire leads with MIL-W-22759/XX or MIL-C-27500/XX electrical wire (Table 6001). To identify the wire gauge (AWG), refer to the last two numbers of the wire number shown on the wiring diagrams, Figures 2001 and 2002. Cut the replacement wire to the same length as the damaged wire. Use wires of the same color and gauge.

B. Apply a protective sleeve or spiral wrap (Table 6001) to all wires susceptible to damage.

C. Install the splices when necessary.

D. Install seal plugs in all receptacles and connector holes that you will not use.

E. Attach the wires with tiedown straps or to the existing wire bundle, if necessary.

F. Prepare electrical ground area as follows:

NOTE: If specified, the aircraft manufacturer’s requirements take precedent over the following requirements.

(1) Sand the ground surface area with medium grit aluminum oxide abrasive cloth (Table 6001) to remove non-conductive material and surface treatment. Sanded surface must extend 0.125 in (0.3175 cm) minimum beyond the attachment point for a good electrical bond.

(2) Clean the electrical bond surfaces with ethyl alcohol and then rinse.

(3) Where aluminum metal is the electrical bond point, treat the area with #1200 Alodine for 1 to 2 minutes and then rinse with water.

(4) After the ground hardware is installed, apply corrosion protective coating (NYCOTE BLUE 7-11) to cover the ground stud. Corrosion preventive color blue is mandatory.

TASK 25-28-48-300-806-A01

7. Repair Corrosion and Restore Metal

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

CAUTION: ALL DISSIMILAR METALS ARE ISOLATED WITH SEALS TO PREVENT GALVANIC CORROSION. IF A REPAIR OR REPLACEMENT IS NECESSARY, THE MAINTENANCE MECHANICS MUST REMOVE AND REPLACE ALL SEALS AND INSULATING BARRIERS. REFER TO THE DISASSEMBLY AND ASSEMBLY SECTIONS IN THE APPLICABLE CMM, TO DISASSEMBLE AND ASSEMBLE ALL PARTS. NO DEVIATIONS ARE PERMITTED. ALL DEVIATIONS FROM THE REPAIR INSTRUCTIONS IN THIS DOCUMENT WILL VOID THE WARRANTY GIVEN BY SAFRAN CABIN INC.

NOTE: For removal and installation of the parts/items intended for corrosion repair, refer to the Disassembly, Assembly, and IPL sections in the applicable CMM. This Repair section applies only to these subsequent material specifications:

(A) Aluminum stock, 0.375 in (0.9525 cm) thick, 7075-T73, Hard Anodized per MIL-A-8625 Ty III (Floor).

(B) Sheet Stock Aluminum, 0.02 - 0.1 in (0.0508 - 0.254 cm) thick, Chem Filmed per MIL-C-5541, or Anodized per MIL-A-8625 Ty II or III.

(C) Fittings Aluminum Stock 7075-T731, Chem-Filmed per MIL-C-5541, Class 1A Primer per CDSPS007 or MIL-P-23377, and Topcoat per CDSPS007.

NOTE: You will keep the structural integrity of the part if you obey the repair requirements correctly and carefully. The Flammability and other Certification will not be affected if you obey the limits and the recommended materials in this document. If you want to use alternative materials which have the same performance and requirement, if you would like assistance you can contact Safran Cabin Inc.

NOTE: If light dust of Aluminum Oxide is the only corrosion present, obey the instructions that are given in paragraph 7.A. (Size Limits for Repairs). Obey the Corrosion Inhibition (Surface Protection) and Painting instructions (Primer Application Instructions) given in paragraphs 7.E. and 7.G.

WARNING: DO NOT TOUCH THE CLEANED SURFACES. BE SURE TO WEAR GLOVES AND AVOID VAPOR DURING CLEANING AND REPAIR.

A. Size Limits for Repairs

(1) Aluminum Fittings (Non-critical)

(a) You can repair damage up to 20% of non-critical fittings. Repair the damage which is more than 20% of the fitting or includes two attachment points in a sequence. Replace the fitting.

NOTE: Refer to the Cleaning section in the applicable CMM for cleaning instructions before repair. For Corrosion Repair Instructions, refer to paragraph 7.C. Apply Aluminum-Filled Epoxy on the contour of the surface.

(2) Aluminum Fittings (Critical)

(a) You can repair damage from 5% to 10% on upper floor fitting installation holes.

(b) Do not repair damage on lower floor fitting installation holes because these positions carry most of the load.

(c) You can repair damage up to 10% on all the surfaces of the floor fittings. Do not repair damage which is more than 5% of the fitting or includes two attachment points in a sequence. Replace the fitting.

NOTE: Refer to the Cleaning section in the applicable CMM for cleaning instructions before repair. For Corrosion Repair Instructions, refer to paragraph 7.C. Use Aluminum-Filled Epoxy to fair out the surface to the contour.

(3) Stab-in Extrusions (Non-critical)

NOTE: It is not necessary to remove all signs of the epoxy adhesive on the extrusion or the panel to make the repair. Use a scribe or an equivalent tool to examine the epoxy filler. Remove all loose pieces.

NOTE: Refer to the Cleaning section in the applicable CMM for cleaning instructions before repair. For Corrosion Repair Instructions, refer to paragraph 7.C. You can bond small section of stab-in extrusion in the remaining gaps. It is permitted to fill the area with Aluminum-Filled Epoxy.

(a) Extrusions that have through holes or clearance holes, where fittings are attached to plates or metal fittings in the panel, are non-critical extrusions. If these extrusions are non-cosmetic, you can repair them up to 30% of the length and up to ½ the thickness of the original part. The mechanics must examine the extrusion carefully to make sure that the extrusion is chemically protected/repaired to prevent more corrosion.

(4) Stab-in Extrusions (Critical)

NOTE: It is not necessary to remove all sign of the epoxy adhesive on the extrusion or the panel to make the repair. Use a scribe or an equivalent tool to examine the epoxy filler and remove all loose pieces.

NOTE: Refer to the Cleaning section in the applicable CMM for cleaning instructions before repair. For Corrosion Repair Instructions, refer to paragraph 7.C. You can bond small section of stab-in extrusion in the remaining gaps. It is permitted to fill the area with Aluminum-Filled Epoxy.

(a) Extrusions, which are attachment points or where fittings are attached directly to, are critical components. If these extrusions are damaged, get access to and identify them. The attachment points can be critical to the related forward or downward Certification Loading of the unit (if it holds a door or other component in position). You can repair or replace these extrusions. If you would like assistance regarding the damages you can contact Safran Cabin Inc. for analysis.

B. Cleaning Requirements for Corrosion Removal

NOTE: Refer to the Cleaning section in the applicable CMM for cleaning of the metal parts.

C. Corrosion Repair Instructions

NOTE: Make sure that the damaged parts agree with the size limits for repair that are given in paragraph 7.A.

(1) For Pit or Crevice Corrosion

(a) Use a grinding wheel or router bit to make the surface smooth and remove the pit type corrosion. Use a vacuum to remove the particles and unwanted materials.

(b) Fill the service pits and corrosion with Devcon Aluminum-Filled Putty or Henkel Loctite EA 9394.

(c) Make the surface smooth.

(d) If the anodized coating is removed in metal areas adjacent to the repair, use Alodine Solution to make the surface resistant to corrosion again. For Surface Protection, refer to paragraph 7.E.

(2) Exfoliated or Inter-Granular Corrosion

NOTE: To know the true extent of the damage and repair, remove all inter-granular corrosion.

(a) To make sure that all metal in bad condition and corrosion products are removed, do an inspection on the component with a 5 or 10X loop.

(b) Use rubber-base wheels soaked with aluminum oxide to grind and to blend out or to make the edges of the damaged areas smooth.

(c) Chemically inhibit the exposed surfaces and repair the chemical surface films or paints in the same manner as other metallic surfaces.

NOTE: Cut away or abrade the exfoliated metal to clean the surface. This is not to permit the embrittled layers to spread damage through the mounting. Use an aluminum-filled epoxy that agrees with the minimum requirements of MM-A-132 Type 1.

D. Replacement of Aluminum Sections

(1) Example of replacement:

(a) Cut away a section of a non-critical stab-in extrusion.

(b) Bond in position one stab-in section or a solid piece of aluminum. The function of some of these extrusions are to increase the compression loading that the panel or unit can support.

(c) Remove a section of extrusion and replace it with a solid aluminum piece of the same width and length.

(d) Use Epoxy adhesives to bond the solid aluminum piece to make sure that the compression loads are tolerated.

E. Surface Protection

(1) Chemical Surface Protection/Repair Anodized or Chem-Filmed Surfaces

NOTE: Apply Alodine 600/1200S with a brush to the panel surfaces. Use Alodine 600 or Alodine 1200 to seal the aluminum. You must paint the surfaces with Alodine solution. Use Alodine 600 for parts that will stay in as “treated” condition. Use Alodine 1200S for parts which must be painted. Refer to Henkel Corp. (V1N6B3) or supplier for Alodine mixing Instructions and verification of material.

(a) Make sure that the Alodine covers all surfaces without protection. Let the parts stay in Alodine for the sufficient time for them to soak fully. If it is necessary to apply the protection with a brush, apply a thin uniform. The protection is satisfactory after 5 minutes.

(b) Flush the surfaces with clean, cold water. If possible, use distilled water. To prevent contamination to the main body of the water, you must continuously overflow the water.

NOTE: Put the new or removed metal components into Alodine 600/1200S. For this procedure, do steps (c) and (d):

(c) Make sure that the Alodine covers all surfaces without protection. Put the components into the solution for 1 to 5 minutes. Let the parts stay in Alodine for the sufficient time for them to soak fully.

(d) Flush the surfaces with clean and cold water. If possible, use distilled water. To prevent contamination to the main body of the water, you must continuously overflow the water. Collect the flowing water as practical. The water and treatment solution contain acids, chromium compounds, and complex fluorides. To discard these materials, refer to paragraph 7.F.

(2) Additional Corrosion Protection

NOTE: Safran Cabin Inc. normally does extensive tests to make sure that the materials used do not significantly increase burn risks in the cabin. The related materials are those included in this section and used as primers and top coats on metal surfaces.

(a) Use Primers per MIL-P-23377 or organic primers to make the corrosion protection better. These materials, when applied to metallic surfaces, do not significantly increase the Flammability risk. Safran Cabin Inc. recommends you use these materials in areas that are not cosmetic or viewable when you assemble the component. These materials significantly make the corrosion inhibition better. For Primer Application Instructions, refer to paragraph 7.G.

F. Waste Disposal

NOTE: You must also obey the Applicable Local Regulations. Use the information below only as a general guide.

NOTE: You can use alternative primers for metal protection. Primers must not contain chromate for Class Divider Components. Refer to Table 6001 for Primers and Top Coats that agree with USDA and FDA requirements for Food storage components.

(1) Disposal information for Alodine 600 and Alodine Toner 22 is given on MSDS Sheet for products. Treat and neutralize the unwanted material before you discard it to the sewer (examine the Local Regulations and Waste treatment Bulletin WT1004 from Parker-Amchem). Apply a primer on the surface for full protection. Primers, shown in Table 6001, are corrosion-resistant materials. For Primer Application Instructions, refer to paragraph 7.G.

G. Primer Application Instructions

GENERAL PRIMER INSTRUCTIONS:

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

(1) FR (Fluid Resistant) epoxy primers and FR epoxy top coats are two-part catalyzing materials purchased as a kit. When you mix them, only use the catalyst indicated for use with the applicable base component.

(a) Mix the base material correctly before you add the catalyst.

(b) Slowly add catalyst while you mix the base component.

NOTE: Before you use the catalyzed primers, let a minimum of 15 minutes for their chemical reaction. For catalyzed top coats, let a minimum of 45 minutes. When kept in a closed container at ambient temperature, catalyzed materials have a useable pot life of 4 hours. You must mix the catalyzed materials all the time.

(c) When you use a spray gun, first put the material through a filter. Do this to prevent clogging and contamination of the applied coatings.

(2) Mixing and Thinning Ratios

(a) Mixing

1 For the correct mixture ratios, make sure to mix the full contents of each part of the kit. To use the full contents of the kits, purchase applicable kits for specific applications and job requirements. To mix less than a full kit, add accordingly (by volume or weight the necessary proportion of each component) to a mixture container.

(b) Thinning

1 FR (Fluid Resistant) primers and FR top coats are prepared to use them when catalyzed. If the thinning of the topcoat is necessary, change the viscosity to vary from 18 to 21.5 seconds. Use a #2 Zahn cup with thinner for optimum application. Refer to Table 6001 for list of top coats and primers.

(3) Requirements

NOTE: The chemical surface treatment must agree with the requirements specified on the applicable Finish Specification.

(a) Dry Film Thickness

1 FR Primer

NOTE: The optimum thickness for FR Primer dry-film is 0.001 - 0.0013 in (0.00254 - 0.0033 cm). The permitted primer thickness on edges, ends, and recesses can vary from 0.0006 - 0.002 in (0.001524 - 0.00508 cm), if the fit or function of the part is not damaged.

2 FR Topcoat

NOTE: The optimum thickness for FR Topcoat dry-film is between 0.0012 - 0.0017 in (0.00305 - 0.004318 cm).

(b) Coating Appearance

1 When a primer and topcoat are specified, the system must be uniform, correct color, full hiding, and with no defects (cratering, pinholes, blisters, unwanted materials, scuffs, scratches, dry over-spray, runs, or sags). Small paint runs are permitted on hidden items and items to which it is not easy to apply a coat, but make sure that the fit and clearance are not changed.

2 Adhesion Test: After 16 hours, you can apply a tape test to the coating system. Use 3M #250 applied to the surface with 5 - 6 lb (2.27 - 2.72 kg) of pressure. Abruptly pull the tape and examine for removal. If removal of paint occurs, paint again as necessary.

(4) Primer Application Instructions

(a) To clean the equipment, refer to the instructions in the Cleaning section of the affected CMM.

(b) Use a pressure spray or siphon cup gun or equivalent (Table 6001) to apply a full-covering wet cross-coat. Full coverage is indicated by the color of primer and contrast with the aluminum.

NOTE: On surfaces, which have a primer, apply one light and uniform coat of FR Primer before you apply the topcoat.

NOTE: For 502 Pressure Spray gun with #FX tip and needle #765 air cap (or equivalent), control the equipment to supply 6 - 9 psi (41.37 - 62.05 kPa) at the feed tank and 35 - 45 psi (241.32 - 310.26 kPa) at the gun. For 502 Siphon Cup gun with #FX tip and needle #765 air cap (or equivalent), control the air pressure to supply 35 - 45 psi (241.32 - 310.26 kPa) at the gun.

(c) Primer Dry Time:

	Dry Time
Dry the primer in the air to permit you to touch it. Dry the primer in the air to permit you to stack it.	30 minutes
Dry the primer in the air to permit you to remove grease with vapor.	16 hours
Dry the primer in the air to make it resistant to water (Do not put it into water).	48 hours
Dry the Plumbing Lines in the air to permit you to do a Pressure Test (Do not put them into water).	2 hours minimum
Make the primer cure faster to permit you to do a Pressure Test or remove grease with vapor.	Dry in the air for a minimum of 5 minutes and then bake at approximately 200°F (93°C) for a minimum of 15 minutes.
Dry the primer in the air to permit you to topcoat it.	1 hour minimum to 3 hours maximum (see Note).
Make the primer cure faster to permit you to topcoat it.	Dry in the air for a minimum of 5 minutes and then bake at approximate time/temperature.
Make the primer cure faster.	Dry in the air for a minimum of 5 minutes and then bake AT A MAXIMUM TEMPERATURE OF 225°F (107°C).

NOTE: The optimum time to dry the primer in the air to topcoat is 1 to 3 hours. You can extend the dry time to a maximum of 24 hours, if you do not remove the parts/surfaces from the clean environment of a paint shop and you use contamination-free methods to handle them.

(d) Topcoat:

1 Use a spray gun or apply a full wet cross-coat. The time to dry in the air is 16 hours minimum. Dry the topcoat in the air for a minimum of 10 minutes. Then bake it at a maximum temperature of 225°F (107°C).

H. Install the Fasteners Wet to Decrease the Corrosion Rate (Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.).

NOTE: You must install the fasteners wet to decrease the corrosion rate. To use Corrosion Inhibiting Compounds (CIC) or catalyzed primers, refer to the instructions given in this Repair section.

(1) Refer to the Cleaning section in the applicable CMM for surface preparation (cleaning).

(2) CIC Methods of Application

(a) Method A – Dip

1 Put the component into the CIC momentarily with one continuous movement for full coverage of the chosen area.

2 Let the unwanted compound to drain freely from the surface.

3 Use an absorbent cloth or brush to remove the drips and sags that do not flow or fall from bottom edges.

(b) Method B – Brush

1 Use a clean touch-up brush to apply the compound with a smooth, continuous movement. When you soak the brush again with the compound, apply the brush in overlap movements.

2 Apply the brush again to those regions where it is not easy for the compound to make a continuous layer. This includes notched details, unfilleted inside corners, crevices, and undercut edges (between laminated or stack shims).

(c) Method C – Spray

NOTE: Refer to manufacturer's instructions for equipment (where applicable).

1 The spray technique is equivalent to other sprayable materials. You will get a full and best coverage with a smooth, continuous sweep, slightly overlapping at the ends of each pass.

2 Apply the spray gun again to the regions where compound shows dry or light in coverage, and in specially not easy areas where blow-back often occurs. This includes notched details, unfilleted inside corners, crevices, etc.

(3) Installation of Fasteners and Application of Torque

(a) The "wet" (with Corrosion-Inhibiting Compound) installation of fasteners must occur before the CIC "working time" is expired. For the assembly time, refer to Table 6003.

(b) Complete the torque application in a minimum of 60 minutes (20 minutes or less for materials with work-lives shorter than one hour) or in an approved assembly time. Tighten all bolt and nut installations to maximum values, unless specified differently.

NOTE: Use the dry bolt torque, unless the bolt is self-lubricated as shown in the applicable part specification (wet CIC is not a lubricant).

(c) When necessary, apply torque again to the nut/bolt combination with the maximum torque value. If you would like assistance you can contact Safran Cabin Inc. Complete the reapplication of torque before the assembly time expires. The ambient temperature and humidity can change the assembly time. Refer to Materials and Process for specific application of CIC. Do not use the power-torque control tools to apply the torque again.

NOTE: It is not necessary to remove the CIC from threaded assemblies, if you apply all the torque during the assembly time.

(4) General requirements for “wet” assembly with CIC

(a) Use a spray gun, a brush, or put the threaded components into the CIC momentarily where applicable. If you would like assistance you can contact Safran Cabin Inc.

NOTE: It is better to apply the CIC with a brush on part details, such as: small diameter holes and / or radii and fillets.

(b) To assemble all treated surfaces, refer to the preparation, application, and installation procedures in this document.

(c) Touch-Up:

1 If the coating shows to be deficient, touch up the component again with a localized treatment before assembly.

2 Keep the touch-up to a minimum with a sufficient coverage to make sure for the CIC layer continuity.

NOTE: You can apply the materials shown in Table 6003. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

Properties of Corrosion-Inhibition Compound (CIC) Materials
Table 6003/TABLE 25-28-48-300-003-A01

Material	Material Type	Design Type	Dry Layer Thickness	Handling Time (Hrs)	Assembly Time (Min)
NYCOTE 7-11	CIC, Tack-free, Thin Film, Abr. Resistant	Dry Layer	0.013 in (0.033 cm) (one dip coat)	1	< 60
DINITROL AV 8	CIC, Tack-free, water displacing, medium term.	Dry Layer	0.008 in (0.02032 cm) (nominal)	< 1	< 60
DINITROL AV 15	CIC, Tack-free, water displacing, long term.	Dry Layer	0.015 - 0.025 in (0.0381 - 0.0635 cm)	~1	< 60
DINITROL AV 25	CIC, Soft, general purpose, long term.	Tacky Layer	0.025 in (0.0635 cm)	½ - 1	< 60
DINITROL AV 30	CIC, Tack-free, water displacing, long term.	Dry Layer	0.03 in (0.0762 cm) (nominal)	3	60-90

Properties of Corrosion-Inhibition Compound (CIC) Materials
Table 6003/TABLE 25-28-48-300-003-A01 (continued)

Material	Material Type	Design Type	Dry Layer Thickness	Handling Time (Hrs)	Assembly Time (Min)
SOCOPAC 65H	CIC, Tack-free, water displacing, long term.	Dry Layer	0.015 in (0.0381 cm)	~1	< 60
COR-BAN 22	CIC, Soft, self healing, water displacing, long term.	Tacky Long	~0.02 in (0.0508 cm) 0.04 in (0.102 cm) - wet	~1	< 60
COR-BAN 33	CIC, Soft, self healing, water displacing, medium term.	Tacky Moderate	~0.02 in (0.0508 cm) 0.04 in (0.102 cm) - wet	~1	< 60
COR-BAN 35	CIC, Tack-free, water displacing, long term.	Dry Layer	~0.02 in (0.0508 cm) 0.04 in (0.102 cm) - wet	< 1	< 60
COR-BAN D-5023NS	CIC, Tack-free, water displacing, short term.	Dry Layer	~0.01 in (0.0254 cm) 0.025 in (0.0635 cm) - wet	< 1	< 60
COR-BAN D-5029NS	CIC, Tack-free, water displacing, medium term.	Dry Layer	~0.03 in (0.0762 cm) 0.076 in (0.193 cm) - wet	< 12	> 60

TASK 25-28-48-300-807-A01

8. Replace Trim/Extrusion

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

WARNING: DO NOT USE THE FLAMMABLE HEAT PROCEDURE INSIDE OF AN AIRCRAFT OR IN AREAS WHERE FLAMMABLE MATERIALS ARE KEPT OR ARE PRESENT. FOR THIS PROCEDURE, EXCELLENT SKILL AND PRECAUTIONS ARE NECESSARY. ONLY APPROVED PERSONS MUST DO THIS TASK. DO NOT LET THE ALUMINUM TRIM TO GET TOO HOT. THE ADHESIVE WILL BECOME DEFECTIVE WHEN THE TEMPERATURE IS HIGHER THAN ~215°F (102°C) FOR WHATEVER LENGTH OF TIME.

CAUTION: YOU MUST POINT THE HEAT ON THE TRIM. THE HEAT GUN MUST MAKE A SWEEP ALONG 6 IN (15.24 CM) TO 10 INCH IN (25.4 CM) SECTIONS OF THE TRIM. DO THIS UNTIL THE HEAT CHANGES THE TRIM TEMPERATURE. DO NOT PERMIT THE HEAT GUN TO HEAT THE SAME LOCATION ON THE TRIM FOR TOO LONG. THE TEMPERATURE CAN INCREASE DRAMATICALLY AND CAN CAUSE A CATASTROPHIC DAMAGE TO THE RELATED TEDLAR AND THE ADJACENT PANEL.

A. Use a spatula or equivalent flat edge tool to loosen the trim. Put the tool against the side edge of the trim. Lightly tap on it from the opposite side of the trim.

B. Use flammable heat to fully remove the trim. Use a heat gun to make a sweep along at 6 in (15.24 cm) to 10 in (25.4 cm) sections of the trim surface, one pass at a time.

C. After the trim removal, use a clean, lint-free cloth soaked with MEK solvent to remove the remaining adhesive from the bonding surface.

D. To bond the trim, refer to paragraph 2.

TASK 25-28-48-300-808-A01

9. Repair Fiberglass Composite Panel

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

WARNING: DIRECT CONTACT WITH ISOPROPYL ALCOHOL CAN CAUSE IRRITATION IN EYES, NOSE, THROAT, AND SKIN. EXTENDED PERIODS OF CONTACT CAN CAUSE HEADACHES, DIZZINESS, AND NAUSEA. WEAR GLOVES, APRON, AND GOGGLES. USE THIS PRODUCT IN AN AREA WITH GOOD AIRFLOW. DO NOT BREATHE THE FUMES. DO NOT TAKE INTERNALLY. IF YOU DO NOT OBEY THIS WARNING, INJURY TO OR DEATH OF PERSONS CAN OCCUR.

WARNING: FILLER COMPOUNDS ARE POISONOUS AND FLAMMABLE. WEAR PROTECTIVE APPAREL TO PREVENT EYES AND SKIN CONTACT. DO NOT BREATHE THE FUMES. KEEP THESE PRODUCTS AWAY FROM HEAT AND OPEN FLAME. USE THEM IN AN AREA WITH GOOD AIRFLOW. DO NOT TAKE INTERNALLY. FLUSH THE CONTAMINATION FROM YOUR EYES WITH WATER.

A. Classifications of Damage on Honeycomb Panels:

NOTE: If you would like assistance you can contact Safran Cabin Inc. to make sure which class is applicable to the Safran Cabin Inc. unit.

(1) Class 1: Dents, surface scratches, scars, reinforcement delamination, or resin erosion. No damage to the glass or carbon fibers. Local compression of the honeycomb core on dents. The friction and vibration of two facings cause the Resin Erosion. One sign that shows the resin erosion is the quantity of resin “dust” on the surfaces. Scratches are cosmetic defects in the resin surface that do not cause damage to the underlying reinforcement. Refer to paragraph 9.B and see photos Class 1-1 and Class 1-2 in Figure 6003.

(2) Class 2: Small Punctures or Glass Fracture. Puncture in one side of the glass facing. Refer to paragraph 9.C and see photos Class 2-1 and Class 2-2 in Figure 6003.

(3) Class 3: Holes or damage that extend fully through the sandwich panel. These include the two facings and the core that are less than 16 in^2 (103.2256 cm^2). Refer to paragraph 9.D.

(4) Class 4: Extensive Damage, greater than 16 in^2 (103.2256 cm^2). The replacement of the panel section or parts is necessary. DO NOT REPAIR THIS KIND OF DAMAGE.

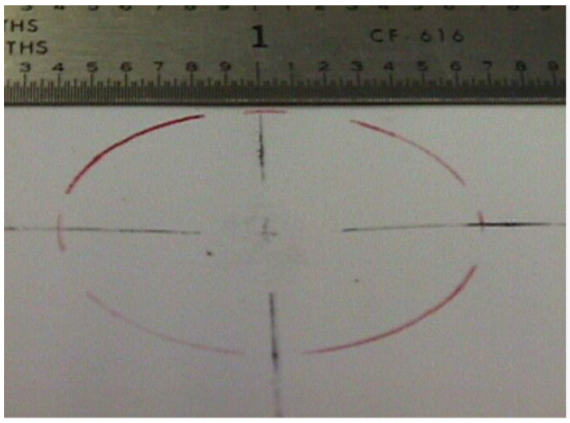


PHOTO CLASS 1–1 DENT

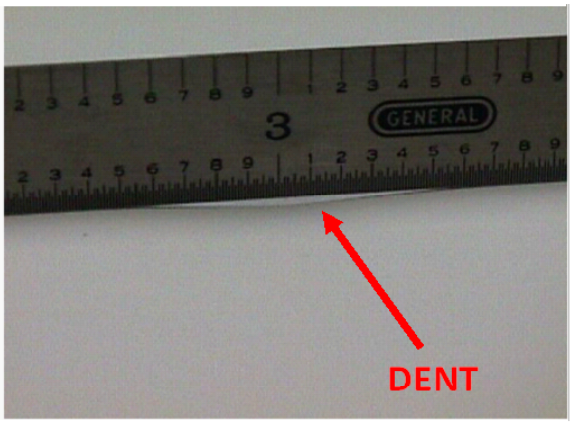


PHOTO CLASS 1–2 DENT



CLASS 2–1 FRACTURE OF GLASS FACING (ONE SIDE ONLY)

Damage in Honeycomb Panels
(Sheet 1 of 2)
Figure 6003/GRAPHIC 25-28-48-300-004-A01



CLASS 2-2

Damage in Honeycomb Panels
(Sheet 2 of 2)
Figure 6003/GRAPHIC 25-28-48-300-004-A01

B. Criteria and Repair Procedures for Class 1:

(1) Imperfection: Surface Depressions; Dents, Scratches, Shallow Scars, Surface Abrasion, and Resin Erosion.

(a) Permitted Limits:

1 Decorative surface: Not permitted.

2 Non-Decorative Surface: The imperfection is permitted if it does not go into the material reinforcement.

(b) Correctable Limits:

1 Decorative surface: The imperfection must not go into the material fibers and the correction must not increase the panel weight by more than 2%.

2 Non-Decorative Surface: On imperfections that go into the material fibers, you cannot repair them by this procedure.

CAUTION: PANELS WITH MORE THAN THE MAXIMUM PERMITTED COMPRESSION STRESS (FOR A SPECIAL COMPONENT, OR SHARP CRASH, OR EQUIVALENT TRAUMA), TYPICALLY CAUSE CORE DAMAGE. THE SUBSEQUENT PROCEDURE INCREASES THE COMPRESSION STRESS OF A LOCAL AREA SIGNIFICANTLY BECAUSE OF THE WEIGHT INCREASE AND FLAMMABILITY PROBLEMS. THE REPAIR MUST NOT BE MORE THAN 16 IN^2 (103.2256 CM^2) OF THE PANEL AREA.

(c) Repair Procedure for Dents, Scratches, and Resin Erosion:

NOTE: The 16 in^2 (103.2256 cm^2) area for repair is the limit for an individual repair. The limit quantity of repairs per galley panel should be 3 and each individual repair should not extend in any length more than 4 in (10.16 cm) and if more than one repair is done it should be at least 12 in (30.48 cm) from any adjacent repair. If it is found that more repairs are required you should seek approval from local authorities.

1 Make the surface smooth with a 120-240 grit sandpaper.

2 Use MEK or Isopropyl Alcohol and a clean, dry shop wipe. Make the cloth moist with the solvent and rub it against the damaged area. After you use the moist cloth, apply a clean, dry shop wipe. Do not let the solvent dry on the part surfaces.

NOTE: A part will be clean if there is no indication of dirt, oil, or unwanted materials after you pass a clean, dry shop wipe on it.

3 To mix Akemi #4 or Akemi #7, remove a 2 in (5.08 cm) diameter plug of filler and place it on the mixing card. Squeeze out a 1 in (2.54 cm) long ribbon of Part B on the mixing card. To mix the materials, fold Part B into Part A. The mixture must be homogeneous after you mix the materials. The material is exothermic, do not mix it for more than 1 minute.

NOTE: Furane (Huntsman) Araldite-252 epoxy paste, Akemi, and Adtech MicroFillers have equivalent mixture instructions. These products are two part materials. Part A is a light gray polyester resin. Part B is a small tube of catalyst.

4 Immediately apply the filler on the void/dent/scratch area. Overfill slightly the damaged area with the filler to permit its shrinkage.

5 Minimum cure time at 72°F (22°C) is 15 to 20 minutes, increase cure time if compound is spread thicker. After compound is cured, sand the surface.

6 If necessary, make the surface smooth with a 120-240 grit sandpaper.

NOTE: Non-cosmetic surfaces which only filling material is necessary: Fill the damaged area with the epoxy or polyester type materials shown here or use one part adhesives and sealers (RTV's). Apply these materials only to seal the panel from water absorption and for non-cosmetic repair.

CAUTION: DO NOT TRY TO INCREASE THE SPEED OF THE MATERIAL CURE WITH THE AID OF A LARGE QUANTITY OF CATALYST. MANY FILLERS AND ADHESIVES WILL CURE FASTER WHEN YOU ADD MORE CATALYST, BUT THIS WILL EMBRITTLE THE EPOXY RESINS.

(d) Repair Procedure for Erosion

NOTE: Vibration or fretting of two surfaces causes the erosion of the facing area. To correct the erosion areas, identify and repair them. A usual procedure to repair the erosion is to use an adhesive bridge between two components. This will prevent fretting of the surfaces. The adhesive operates as a liquid shim between the two parts and prevent clearance between them, but it increases the flammable materials. If this occurs, you must send a report to the Design Engineering and Flammability Certification for analysis before its implementation. If you increase the number of fasteners, you can also decrease the erosion or fretting, but adds substantial weight. These two procedures are out of the original design scope, and the Design Engineering and Flammability must make an analysis of them. Regardless, you must identify the source of the erosion or the problem will continue.

1 Clean the surface with Isopropyl Alcohol or other approved solvent to remove the contamination. Do not let the solvent dry on the panel. After you use the solvent, apply a clean, dry shop wipe to remove all contamination.

2 Apply Polyester or Mylar masking tape, if available, to the areas adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure. It will also decrease the clean-up time.

3 To remove other dirt or contamination, use a sanding pad with 320 grit or finer to make the surface lightly smooth. 3M Scotch-Brite (very fine) is also permitted.

4 Use a Filled Epoxy adhesive such as Cytec Industries Inc. (Solvay Group) L-301 with milled glass or Cab-O-Sil Fumed Silica on a limited basis in field repairs. These Epoxy fillers exhibit higher smoke characteristics than Polyesters as well as higher OSU Heat Release. Use Epoxy Fillers in field repairs only. Apply them to a limit of no more than 100 in^2 (645.16 cm^2) to each part. Remove the unwanted adhesive as shown in the subsequent step.

5 Use an edge tool such as a spatula or razor blade to remove the unwanted adhesive. Move the tool along the mylar tape. This will remove all unwanted filler higher than 0.002 in (0.00508 cm) thick (approximately the thickness of the tape).

6 It is frequently necessary to increase the speed of cure of a repair to permit you to put the component back into service on time. If necessary, make the filled area hot with a heat gun at 140°F - 160°F (60°C - 71°C) to decrease the set time.

7 After the cure of the filler, remove the masking tape.

8 Lightly sand and fair out the edges of the filler and its surrounding panel surface.

9 Refinish the repair if necessary. To paint the panel, refer to paragraph 12. To replace the Tedlar, refer to paragraph 13.C.

CAUTION: DO NOT TRY TO INCREASE THE SPEED OF THE MATERIAL CURE WITH THE AID OF A LARGE QUANTITY OF CATALYST. MANY FILLERS AND ADHESIVES WILL CURE FASTER WHEN YOU ADD MORE CATALYST, BUT THIS WILL EMBRITTLE THE EPOXY RESINS.

(e) Repair Procedure for Shallow Scars, Scratches, and Surface Abrasion:

1 Use Isopropyl Alcohol or other approved solvent to remove the contamination. Do not let the solvent dry on the panel. After you use the solvent, apply a clean, dry shop wipe to remove all contamination.

2 Apply Polyester or Mylar masking tape, if available, to the areas adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure. It will also decrease the clean-up time.

3 To remove other dirt or contamination, use a sanding pad with 320 grit or finer to make the surface lightly smooth. 3M Scotchb-Bite (very fine) is also permitted.

4 Use Polyester Fillers such as Akemi #7 or Adtech MicroFiller #15-3 to fill small aberrations. Polyester Fillers do not contribute significantly to OSU Heat Release.

NOTE: You can use Epoxy Fillers and Adhesives such as 3M DP110 or DP190 or DP420 on a limited basis in field repairs. These Epoxy fillers exhibit higher smoke characteristics than Polyesters as well as higher OSU Heat Release. Use Epoxy Fillers in Field Repairs only. Apply them to a limit of no more than 16 in^2 (103.2256 cm^2) to each part. Remove the unwanted adhesive as shown in the subsequent step.

5 To remove the unwanted adhesive, use an edge tool such as a spatula or razor blade. Move the tool along the mylar tape. This will remove all unwanted filler higher than 0.002 in (0.00508 cm) thick (approximately the thickness of the tape).

6 It is frequently necessary to increase the speed of cure of a repair to permit you to put the component back into service on time. If necessary, make the filled area hot with a heat gun (at a temperature of 120°F (49°C) for Akemi or Adtech MicroFiller or at 140°F - 160°F (60°C - 71°C) for epoxy) to decrease the set time.

NOTE: You can add Polyester systems like Adtech MicroFiller #15-3 or Akemi #4 or #7 catalyst at various ratios. Add a 2 in (5.08 cm) wide length from the catalyst tube to a “golf ball size” portion of part A. Refer to the instructions printed on the can. The actual ratio is 100 Parts of A to 2 parts of B.

7 After the cure of the filler, remove the masking tape.

8 Lightly sand and fair out the edges of the filler and its surrounding panel surface.

9 Refinish the repair if necessary. To paint the panel, refer to paragraph 12. To replace the Tedlar, refer to paragraph 13.C.

(2) Imperfection: Delamination of Face Ply on Honeycomb Panels

(a) Permitted Limits:

1 Decorative surface: Not permitted.

2 Non-Decorative Surface: Not permitted.

(b) Correctable Limits:

1 Decorative or Non-Decorative Surface: Corner delamination less than 2 in (5.08 cm). Edge delamination of 3 in (7.62 cm) or less in length and 1 in (2.54 cm) in width.

(c) Repair Procedures with a Structural Laminating-Resin:

1 To repair local delamination, use a structural adhesive L-301 A/B or laminating resin to bond the panel surface to the honeycomb.

2 Apply a masking tape to the area around the delamination.

3 At a minimum, drill two holes into the delaminated area. These holes must be at the opposite side of the delaminated area. Use the Table 6001 for the selection of the materials. Obey the instructions for that specific type of material or equivalent material requirements.

4 Mix the adhesive and fill the void from the bottom. You must fill the local cells with adhesive. Fill the hole with sufficient adhesive to bond the panel surface to the core.

5 While you fill the delamination, move the applicator around to make sure that the surface ply is wet-out.

6 Use a clean, shop wipe moist with Isopropyl alcohol or MEK or Acetone to remove the unwanted adhesive from the surface.

7 If possible, put a flat plate on the delamination. Apply a Mylar or flashbreaker tape to the surface of the plate to hold it.

8 Attach the plate in position with clamps and use sufficient pressure to push the ply down on the composite surface. Hold it until the adhesive cures.

9 Remove the plate. Sand the remaining adhesive from the composite surface.

(d) Repair Procedure with a Laminating Resin:

1 Use one of these laminating resins: Epocast 50A with 976 (100:15) or Epocast 50A with 9339 (100:15) or Shell 828 with Epikure 3233 (100:10):

- EPON 828 Resin with Mfg. Catalyst (Epikure DETA 3223 or Equivalent) or (Epikure TETA 3234 or Equivalent)
- Epocast 50A1 with 9816 Catalyst or Epocast 50A1 with 946 Catalyst
- Loctite (Dexter Hysol) ® EA 956 A/B

2 Mix sufficient resin to make the necessary repair. Weigh the material in the specified ratio and mix them fully.

3 Use an acid brush or nylon brush to apply the resin to the delamination and to the core. Make sure that the ply is wet-out on the mating surface.

4 Use a teflon or nylon squeegee or a latex gloved finger to push the ply into position.

5 Remove the unwanted resin with a dry, shop wipe or rag.

6 Let the resin cure for 6 hours. To increase the speed of the cure, dry the resin in the air until it is tack-free. Then increase the temperature to 120°F (49°C) with an infrared lamp or oven for 5-30 minutes. Increase the temperature to approximately 150°F (66°C) for 2 hours.

NOTE: When you use a two-step cure, this prevents resin from bubbling or frothing.

(e) Repair Procedure with Adhesive Potting Compound:

1 Use 2-part adhesives. These adhesives offer higher strength, but also increase the weight. Use one of these adhesives: L-301 or L-318 or equivalent.

2 For L-301 Type 4.11, mix (100:50) sufficient adhesive to apply to the damaged area. Use a brush or spatula to add sufficient adhesive to the related parts. Use clamps to attach the parts together for good contact if necessary. Let 2-3 hours for green-strength cure. Then increase the temperature to 150°F (66°C) for 2 hours for high strength cure.

C. Criteria and Repair Procedures for Class 2:

(1) Imperfection: Punctures, Core to skin Separation, and Damaged Honeycomb Core

(a) Permitted Limits:

1 Decorative surface: Not permitted.

2 Non-Decorative Surface: Not permitted.

(b) Correctable Limits:

1 Decorative Surface: For Punctures, correct 0.1875 in (0.4762 cm) or less in diameter. Correct no more than 1% of the total panel area. The correction must not increase the panel weight by more than 2%. For Core to Skin Separation, you can correct up to 10% of panel edge. For Damaged Honeycomb Core, the repair is not permitted.

2 Non-Decorative Surface: For Punctures, correct 0.1875 in (0.4762 cm) or less in diameter. The correction must not increase the panel weight by more than 2%. For Core to Skin Separation, see Decorative Surface procedure. For Damaged Honeycomb Core, no limit, but the correction must not increase the panel weight by more than 2%.

(2) Repair Procedures:

NOTE: The 16 in^2 (103.2256 cm^2) area for repair is the limit for an individual repair. The limit quantity of repairs per galley panel should be 3 and each individual repair should not extend in any length more than 4 in (10.16 cm) and if more than one repair is done it should be at least 12 in (30.48 cm) from any adjacent repair. If it is found that more repairs are required you should seek approval from local authorities.

NOTE: The subsequent procedures apply for damage that extend through Facing Material, with collateral damage to the core. When you repair non-structural decorative panels, refer to these procedures, if the damage agrees with the flammability requirements.

NOTE: Advantages: It is not necessary to remove the damaged core. The local compression is significantly higher because of the solid filler. The local peel strength is dramatically improved because of the strength of the adhesive.

NOTE: Disadvantages: Weight Increase. More “fuel for fire” increases OSU potential. The repair is limited in size because of the weight and flammability problems. The damage cannot be greater than 16 in^2 (103.2256 cm^2).

CAUTION: PANELS WITH MORE THAN THE MAXIMUM PERMITTED COMPRESSION-STRESS (FOR A SPECIAL COMPONENT, OR SHARP CRASH, OR EQUIVALENT TRAUMA), TYPICALLY CAUSE CORE DAMAGE. THE SUBSEQUENT PROCEDURE INCREASES THE COMPRESSION STRESS OF A LOCAL AREA SIGNIFICANTLY BECAUSE OF THE WEIGHT INCREASE AND FLAMMABILITY PROBLEMS. THE REPAIR MUST NOT BE MORE THAN 16 IN^2 (103.2256 CM^2) OF THE PANEL AREA.

CAUTION: DO NOT TRY TO INCREASE THE SPEED OF THE MATERIAL CURE WITH A LARGE QUANTITY OF CATALYST. MANY FILLERS AND ADHESIVES WILL CURE FASTER WHEN YOU ADD MORE CATALYST, BUT THIS WILL EMBRITTLE THE EPOXY RESINS.

CAUTION: SANDING OPERATIONS CAUSE SMALL GRANULAR PARTICLES INTO BREATHING SPACE. GLASS AND CARBON PARTICLES, WHEN BREATHED, CAN CAUSE CUMULATIVE DAMAGE TO LUNGS AND RESPIRATORY SYSTEMS. THE GLASS AND PHENOLIC PARTICLES ARE A SOURCE OF DERMATITIS. WEAR AN APPLICABLE BREATHING PROTECTION SUCH AS DUST FILTER MASK. USE NECESSARY PRECAUTIONS DURING ALL OPERATIONS.

(a) Potting Compound or Solid Plug Repair

1 Clean the surface with Isopropyl Alcohol or other approved solvent to remove the contamination. Do not let the solvent dry on the panel. After you use the solvent, apply a clean, dry shop wipe to remove all contamination.

2 Apply Polyester or Mylar masking tape, if available, to the areas adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure. It will also decrease the clean-up time.

3 To remove other dirt or contamination, use a sanding pad with 320 grit or finer to make the surface lightly smooth. 3M Scotch-Brite (very fine) is also permitted.

4 You can use Potting Compounds such as L-318 from Cytec Industries Inc. (Solvay Group) or Epibond 1559-1 A/B from Huntsman to fill small aberrations.

5 To enhance the strength, undercut the core below the upper panel surface and fill it totally. This will increase the overall strength. See Figure 6004. Make sure that the undercut is 0.125 in (0.3175 cm) of the cell width.

6 To remove the unwanted adhesive, use an edge tool such as a spatula or razor blade. Move the tool along the Mylar tape to remove the unwanted filler higher than 0.002 in (0.00508 cm) thick (approximately the thickness of the tape).

7 Do not use heat to make the cure faster.

8 After the cure of the filler, remove the masking tape.

9 Lightly sand and fair out the edges of the filler and its surrounding panel surface.

10 Refinish the repair if necessary. To paint the panel, refer to paragraph 12. To replace the Tedlar, refer to paragraph 13.C.

(b) Scarf Repair Procedure (Figure 6005)

NOTE: Advantages: It is necessary to remove and replace the damaged core, but this prevents the weight increase. The local compression is the same as the parent panel. The local core-peel strength is slightly better because of the strength of the adhesive. The replacement of the facing increases the total durability.

NOTE: Disadvantages: Higher skill is necessary to remove and replace the core. Time for the repair is longer. Wet lay-up or adhesive lay-up is messy.

1 Clean the surface with Isopropyl Alcohol or other approved solvent to remove the contamination. Do not let the solvent dry on the panel. After you use the solvent, apply a clean, dry shop wipe to remove all contamination.

2 Apply Polyester or Mylar masking tape, if available, to the areas adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure. It will also decrease the clean-up time.

3 Trim the damaged area out to an oval or round shape. Rectangular or Square shapes with rounded corners is permitted.

4 Grind the panel surface at an angle or taper shape. The width of the scarf must be at a minimum of 100 times the facing thickness (example: 2 ply of 7781 is 0.02 in (0.0508 cm) thick, thetaper must be 2 in (5.08 cm) wide).

5 Use a vacuum or compressed air to remove all loose unwanted material and particles from the work area.

6 Cut a section of core equal to the size of the repair area.

7 Put the core into the panel to make it flush with the opposite facing.

8 Use Potting Compound to bond the core in position.

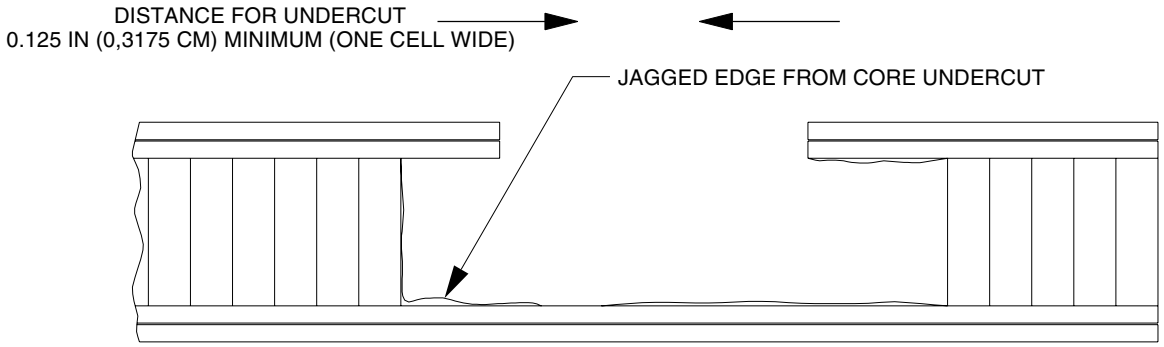
9 Replace the Upper Facing with the Wet lay-up. Refer to paragraph 7.B.

10 To fair out the surface, refer to paragraph 11.

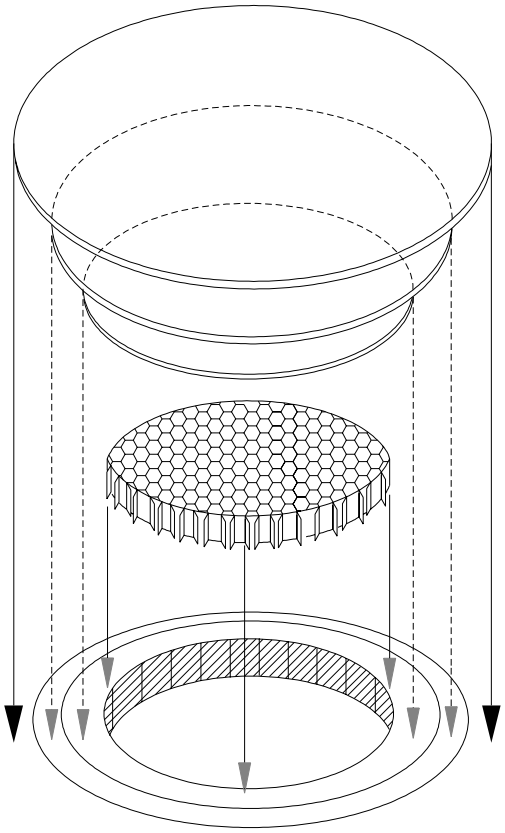
11 After the cure of the filler, remove the masking tape.

12 Lightly sand to make the edges of the filler and its surrounding panel surface smooth.

13 Refinish the repair if necessary.



Potting Compound or Solid Repair
Figure 6004/GRAPHIC 25-28-48-300-005-A01



Scarf Repair Procedure
Figure 6005/GRAPHIC 25-28-48-300-006-A01

D. Criteria and Repair Procedure for Class 3:

(1) Imperfection: Damaged Honeycomb Core

(a) Permitted Limits:

1 Decorative surface: Not permitted.

2 Non-Decorative Surface: Not permitted.

(b) Correctable Limits:

1 Decorative surface: Not permitted.

2 Non-Decorative Surface: No limit, but the correction must not increase the panel weight by more than 2%.

(2) Repair Procedure:

NOTE: For damage that extends fully through the sandwich panel, you can repair it by two procedures: Scarf-joint procedure which is equivalent to the Class-2 Procedure and Step-Joint Class-3 Procedure.

CAUTION: SANDING OPERATIONS CAUSE SMALL GRANULAR PARTICLES INTO BREATHING SPACE. GLASS AND CARBON PARTICLES, WHEN BREATHED, CAN CAUSE CUMULATIVE DAMAGE TO LUNGS AND RESPIRATORY SYSTEMS. GLASS AND PHENOLIC PARTICLES ARE A SOURCE OF DERMATITIS. WEAR AN APPLICABLE BREATHING PROTECTION SUCH AS A DUST FILTER MASK. USE NECESSARY PRECAUTIONS DURING ALL OPERATIONS.

(a) Tapered Scarf-Joint Procedure (Figure 6006)

NOTE: Advantages: It is necessary to remove and replace the damaged core, but this prevents the weight increase. The local compression is the same as the parent panel. The local core-peel strength is slightly better because of the strength of the adhesive. The replacement of the facing increases the total durability. For solid laminates, follow the lay-up procedure.

NOTE: Disadvantages: Higher skill is necessary to remove and replace the core. Time for the repair is longer. Wet lay-up or adhesive lay-up is messy.

1 Clean the two surfaces with Isopropyl Alcohol or other approved solvent to remove the contamination. Do not let the solvent dry on the panel. After you use the solvent, apply a clean, dry shop wipe to remove all contamination.

2 Apply Polyester or Mylar masking Tape, if available, to the areas adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure. It will also decrease the clean-up time.

3 Trim the damaged area out to an oval or round shape. Rectangular or Square shapes with rounded corners is permitted.

4 Grind the panel surface at an angle or taper shape on one or on the two sides as practical. The width of the scarf joint must be at a minimum of 100 times the facing thickness (example: 2 ply of 7781 is 0.02 in (0.0508 cm) thick, the taper must be 2 in (5.08 cm) wide).

5 Use a vacuum or compressed air to remove all loose unwanted material and particles from the work area.

6 Cut a section of core equal to the size of the repair area. Put a temporary shim or block on one side of the panel to hold the core and first facing repair. Make a shim that is flush against the panel. The shim must have a step on the inside because of the missing skin plies on that side. Cover the shim with teflon tape or equivalent release material. Use teflon tape to attach the shim to the panel.

7 Replace the upper facing with the wet lay-up. Let the repair cure.

8 Remove the shim from the second facing. Examine the core and make sure that it is correctly bonded in position by the wet lay-up. Add more potting compound, if necessary.

9 To fair out the decorative surfaces, refer to paragraph 11.

10 After the cure of the filler, remove the masking tape.

11 Lightly scarf to make the edges of the filler and its surrounding panel surface smooth.

12 Refinish the repair if necessary.

(b) Step-Joint Procedure:

NOTE: Advantages: It is necessary to remove and replace the damaged core, but this prevents the weight increase. The local compression is the same as the parent panel. The local core-peel strength is slightly better because of the strength of the adhesive. The replacement of the facing increases the total durability.

NOTE: Disadvantages: Higher skill is necessary to remove and replace the core. Time for the repair is longer, as set time for repair. Wet lay-up or adhesive lay-up is messy.

1 Clean the two surfaces with Isopropyl Alcohol or other approved solvent to remove the contamination. Do not let the solvent dry on the panel. After you use the solvent, apply a clean, dry shop wipe to remove all contamination.

2 Find the thickness of each facing and the plies used (P = plies per facing).

3 Multiply (P-1) x 1.5. Use a divider, compass, or rule to make a mark on the panel away from the damage by the result. Be sure to use this minimum distance. Use the same dimensions to make the pattern (oval or rectangular with rounded corners).

4 Apply Polyester or Mylar masking Tape, if available, to the areas adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure. It will also decrease the clean-up time.

5 Use a sharp knife or razor to cut the outer ply of the scribe line. Carefully remove the trimmed ply section.

6 Do the procedure again for three (3) or more plies. Measure 1.5 in (3.81 cm) from this step and trim the ply that you laid before. The number of steps is equal to the number of plies minus 1 (3 Plies = 2 steps etc.).

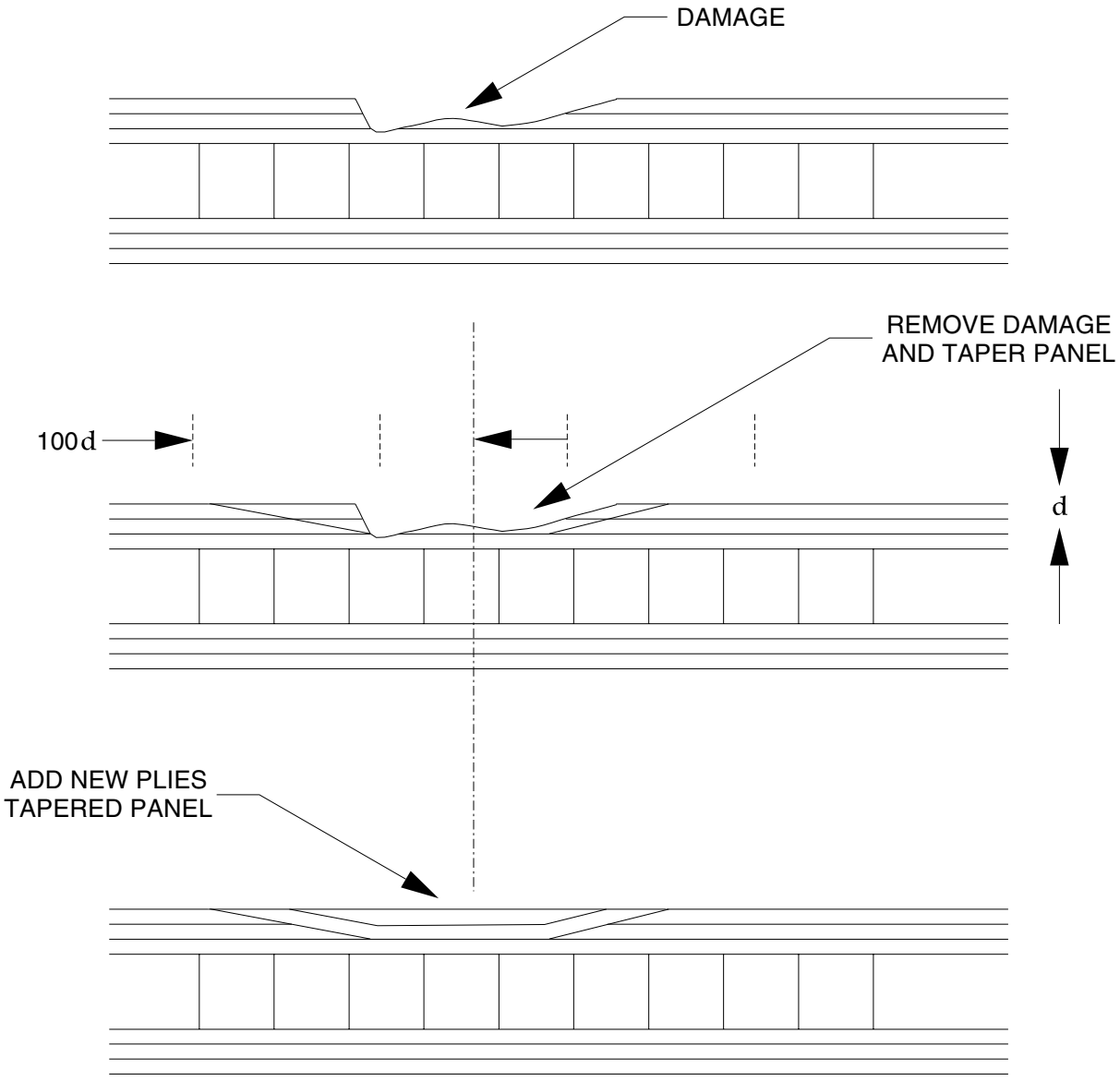
7 For a 2-ply panel, cut a section of core equal to the size of the repair area. The core must install snugly in position.

8 Put a temporary shim or block on one side of the panel to hold the core and first facing repair. Make a shim that is flush with the panel. The shim must have a step on the inside to align with the missing skin plies on that side. Cover the shim with teflon tape or equivalent release material. Use Teflon tape to attach the shim to the panel.

9 Bond the core in position with wet lay-up resin or adhesive.

10 Replace the upper facing with the Wet lay-up. The dimension of each skin ply must align correctly into each step. Each skin ply must touch the composite material or keep a very small clearance. Do not increase the skin ply thickness too much. The last ply on the top of the repair must extend 0.5 in (1.27 cm) far from the ply below it. Let the repair cure.

11 Remove the shim from the second facing. Examine the core and make sure that it is correctly bonded in position by the wet lay-up. Add more potting compound, if necessary.



Taper Scarf Repair
Figure 6006/GRAPHIC 25-28-48-300-007-A01

TASK 25-28-48-300-809-A01

10. Fill Edge Holes in Honeycomb Panels

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabn Inc.

NOTE: Use this procedure to fill the holes that you can see in the edges of each panel after the final assembly.

WARNING: THIS PROCEDURE APPLIES TO HAZARDOUS MATERIALS. FOLLOW THE SHOP SAFETY PRACTICES CAREFULLY TO PREVENT INJURY.

CAUTION: BE CAREFUL WHEN YOU USE BATCHES THAT ARE OVER THAN 500 TOTAL WEIGHT. WHEN YOU MIX TOO MUCH OF LARGE BATCHES, THE BATCHES CAN BECOME EXOTHERMIC (VERY HOT). YOU MUST USE THE STANDARD BATCH MIX SIZES.

A. Remove all unwanted material and particles from the hole with a vacuum or dry compressed air. It is important to remove all unwanted material and loosened cell walls. Do this to make sure that the sealant will contact the core material.

B. Use clean, lint-free cloths and MEK solvent to remove all oily dirt and unwanted materials. Let the solvent dry from the honeycomb panel at least 15 minutes at room temperature.

C. Mix the two-part FR-8136W sealant in the mixture ratio of 100 parts by weight of Part A to 50 parts by weight of Part B. Mix no more than you can use during the pot life of the compound (45 minutes at 75°F (24°C)). Mix the two components fully but do not let too much air into the mixture.

NOTE: Always follow the instructions given by the manufacturer. It is possible that the mixture ratio can change after the publication of this manual.

D. Fill the hole in the panel with sealant.

E. Let the sealant cure for 12 hours at 70°F - 90°F (21°C - 32°C), or 3 hours at 120°F - 130°F (49°C - 54.4°C).

F. Use a file or sand the sealant to make it smooth.

TASK 25-28-48-300-810-A01

11. Fill and Fair out Procedure for Panel

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin.

A. Surface Preparation

(1) Use clean cloths soaked with Isopropyl Alcohol, MEK, or other permitted solvent to remove the loose dust or dirt from the panel. Remove all grease, release agent, or other contamination type from the surface. Do this before you sand the panel surface. This step prevents contamination into the surface caused by the pressure and abrasion of the sanding operation.

(2) Be sure that the panel surface is clean and free of dirt or grime. For this, rub the panel surface with a clean, dry shop wipe. The panel is clean if there is no indication of unwanted materials on the shop wipe.

CAUTION: DO NOT SAND THE PART AGGRESSIVELY OR TOO MUCH. SCUFF THE SURFACE RESIN ONLY. DO NOT MAKE THE REINFORCEMENT MATERIAL (GLASS, KEVLAR, OR GRAPHITE) ROUGH.

(3) Lightly sand the surface with a 100-400 grit sandpaper to break the surface gloss and to remove release agents or other contamination. Sand all the surface with equal movements.

(4) Do Steps (1) and (2) again until you see no dirt on a new shop wipe. The panel is now prepared for fairing and filling.

B. Fill and Fair out Procedure

(1) Necessary Materials:

(a) Type 1 Compounds

1 Akemi No. 4

The application of Akemi 4 to fill and fair has no limitation in terms of surface area being covered providing it is applied as a pore filler which requires that the amount of filler applied per square foot does not exceed 0.009 lb (4 g). A general rule of the thumb would be after the filler is applied and sanded the panel shall be visible except for a few dots of white. If more filler is required refer to the Scratch and dent repair paragraph 9.B.1.C and use the limitations specified in that repair.

2 Akemi No. 4 is a two component system. Part A is a can of gray putty like paste. Part B is a small tube of hardener the material is white in color and approximately the same consistency as toothpaste. These mixing instructions are for small quantities of material. Should larger batches be called for, scale-up the mix accordingly.

A 2-½ inches diameter slug of Akemi No. 4 should be placed on a clean mixing tray, container, or a cardboard palette (with release paper). Place a 1 in (2.54 cm) length of Part B straight from the tube onto the palette. Thoroughly fold the hardener into the “Bondo”. A large flat spatula or putty knife will expedite the mixing process. Use the blade to “swipe a path” through the putty and lift that section and fold into the remaining filler on the palette, continue the process until all the Bondo is a uniform color and consistency.

The filler can be thinned with Acetone. Use a mixture of 2 oz (59.15 ml) of acetone with the above combination of material. More or less acetone can be added, depending on the desired consistency. Thinning is desired to fill surface porosity. The thinned mixture will “level” in the pores, thus reducing the time sanding the part. Dry the component in an oven for 30 minutes at 120°F (49°C) if the Akemi is cut with acetone prior to additional work.

(b) Type 2 Compounds Field Repair Fillers

1 The DP110 is a two-part epoxy adhesive. Use it only on field and non-structural repairs of lofted geometry less than 2 in^2 (12.9032 cm^2) of the part total area. The DP110 and DP190 come in a two part tube. A baffled mixing-chamber tip is necessary.

2 Epibond 1568 A/B is a self-extinguishing adhesive/filler and you can use it for localized field repair. Use it only on field and non-structural repairs of lofted geometry less than 2 in^2 (12.9032 cm^2) of the part total area. The material comes in Accumix cartridges with the two components in side by side cylinders. A dispenser “gun” is used with a baffled tube to mix the materials.

(2) Application of Fairing Compound:

(a) Apply a masking tape to the areas of the panel, as applicable.

(b) Apply the fairing compound to the structure with a spatula. Spread it as thin as possible along the surface. Use a plastic spreader, a putty knife, or an equivalent tool to apply the Filler. For thin, uniform and level application, hold the spreader at 90° to the panel surface or at a slight angle to it. Too much compound application only increases the period of time necessary to sand the part.

(c) Before sanding, let the fairing compound set in a sufficient time (15 to 20 minutes minimum). Increase the cure time if compound is spread thicker.

(d) Examine the fairing compound visually to be sure of its correct cure. After this, apply light pressure with a fingernail on the surface. The cure of the filler will be satisfactory when you cannot make a mark on it with your nail.

(3) Sand and Contour the Filler:

CAUTION: REMOVE ONLY GRAY/WHITE FILLER. DO NOT GRIND INTO THE REINFORCEMENT LAYERS OF THE PANEL.

(a) After you apply the filler and let it dry thoroughly, remove the unwanted material with a 200-400 grit sandpaper. Sand the filler with light equal movements, by hand or jitterbug sander.

NOTE: You can repair the loft or radius on a part with filler compound, but do not apply the compound too thickly. Only repair the corner or radius if you can see the fabric in the corner. A part that is correctly laid-up or pressed will always have some fabric in the corners, but the resin fill can not be sufficient. Do inspections on the part during all the processing. Only fill or sweep a part that was examined before.

TASK 25-28-48-300-811-A01

12. Paint and Prime the Composite Panels

A. Filler Application

(1) Use a Digital Scale to Mix the Filler

(a) Materials:

1 Mankiewicz #343-55 Filler 15 parts

2 Mankiewicz #345-15 Hardener 1 Part

3 5-15% Water as a dilution (5% is best to prevent “running” of the paint)

NOTE: For HSH (VB4946) and WLS (V0YY71) Paints, if you would like assistance you can contact Safran Cabin Inc.

(2) Requirements for Filler Spraying Applicator

(a) Materials:

1 SATA JET NR95 Gravity Spray Gun

2 Gravity feed cap gun with a 1.5 size head

3 Gun pressure at 50.75 psi (349.92 kPa)

4 Hose outlet pressure at 95 psi (655.03 kPa)

(b) Procedure:

1 First clean the panels with (Greider Co.) G99-S23 white tack cloth to remove all dust particles.

2 Apply the filler with a spray gun in a criss-cross pattern, approximately 12 in (30.48 cm) away from the panel.

NOTE: Criss-Cross pattern means one pass along the length of panel and one pass along the width. See Figure 6007.

3 Let the panel dry for 24 hours or until hard. To increase the speed of the cure, dry the panel in an oven at 130°F (54.4°C).



Criss-Cross Pattern
Figure 6007/GRAPHIC 25-28-48-300-008-A01

B. Top (Fog) Coat Application

(1) Panel Preparation

(a) Do an inspection on the filler painted panels for “runs” or dust particles. Then sand lightly as necessary to remove dust particles. Examine the edges for holes or porosity. Fill them with filler paint materials for small porosity, or with Akemi filler “Bondo” for larger holes.

(2) Top (Fog) Coat Mixing

(a) Materials:

1 Mankiewicz #346-65 Topcoat 6 Parts

2 Mankiewicz #345-65 Hardener 1 Part

3 Water as a dilution

4 A ± 0.0045 lb (2 g) of topcoat or hardener is permitted

NOTE: After you mix the paint, the paint solution has approximately four (4) hours of workable time under normal environmental conditions.

(3) Top (Fog) Coat Application

(a) Applicator requirements are as follows:

1 Gravity feed cap gun with a 1.5 size head

2 Gun pressure at 50.75 psi (349.92 kPa)

3 Hose outlet pressure at 95 psi (655.03 kPa)

(b) Apply top (fog) coat in one criss-cross pattern as shown in Figure 6007. Then let it dry for approximately 20 to 30 minutes or until glossy finish of the painted panel becomes dull.

NOTE: To increase the speed of the drying time, apply ventilation to panels to release the water particles.

C. Texture Coat Application

(1) Texture Coat Mixing

(a) Materials:

1 Mankiewicz #346-65 Topcoat 6 Parts

2 Mankiewicz #345-65 Hardener 1 Part

3 Water as a dilution

(b) Mix the Texture Coat by weight with a Digital Scale as follows:

1 A ± 0.0045 lb (2 g) of topcoat or hardener is permitted

NOTE: After you mix the paint, the paint solution has approximately four (4) hours of workable time under normal environmental conditions.

(c) Applicator requirements are as follows:

1 Gravity feed cap gun with a 1.5 size head

2 Gun pressure at 2 psi (13.79 kPa) with H.V.L.P. gun (Non-H.V.L.P. at 20 psi (137.9 kPa))

3 Hose outlet pressure at 95 psi (655.03 kPa)

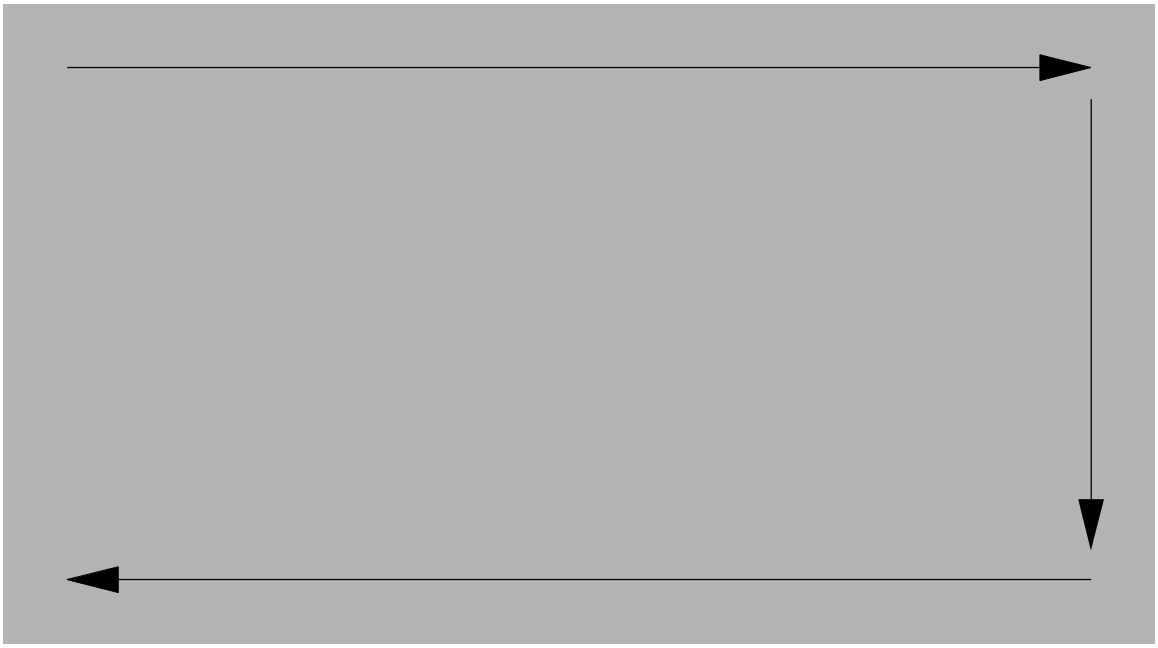
(2) Application

(a) Apply one criss-cross pattern and one criss coat or 1-1/2 coats to get the texture pattern as shown in Figure 6008.

(b) Turn down the gun pressure.

(c) Apply a texture coat test on a sample piece for texture effect.

(d) Let dry for 24 hours or until hard. To increase the speed of the drying time, use an oven.



1- ½+ Criss-Cross Pattern
Figure 6008/GRAPHIC 25-28-48-300-009-A01

D. Damage Repair

(1) For all types of damage, sand down the panel to filler coat. For damages with pits or holes, fill with Akemi “bondo” and sand the panel to make it smooth.

(2) For Top (Fog) Coat Application and Texture Coat Application, refer to paragraphs 12.B. and 12.C.

(3) To blend newly painted surface with surrounding area, let the paint dry. Rub it with glass cleaner to remove slightly the sandy surface finish.

TASK 25-28-48-300-812-A01

13. Repair Tedlar

NOTE: The following information is a summary of Materials and Processes that are available in other Safran Cabin Inc. internal specifications, and that information is copied from those Specifications (CDP002-07-05) for materials and processes used in this program. Information contained in this document is the same as the information in the CDP002-07-05.

NOTE: Refer to Table 6001 for the recommended materials. If you would like assistance regarding the applicable materials you can contact Safran Cabin Inc.

NOTE: Repairs are limited to 16 in^2 (103.2256 cm^2) or less of the component surface area, when more adhesive or paint is necessary.

NOTE: To purchase Perforating Rollers “porcupines”, refer to Aircraft Supply Companies or tool manufacturers.

NOTE: It is necessary to put a protective shim or cover on top the Tedlar before you use a perforating roller. This step will not cause holes that are too deep or pores that are too large. If the holes are too large or near each other, too many holes will be visible and the result is not correct. Make sure that the holes are shallow and sufficiently far from each other. Do as many trials as necessary with shims and covers that have different thickness and density.

A. Rework Procedure to Remove Bubbles or Small Voids

NOTE: This procedure does not add more adhesive or change the pre-existing materials. Use this procedure when necessary. This rework has no limit to size or quantity.

(1) If there is a small bubble or void apparent in the film, remove all air from the bubble. To do this, use syringe needles of thin gauge or sewing needles if syringe needles are not available.

NOTE: A syringe is more convenient to use because you can put it directly into the film. And when you pull the plunger back, the air is removed. You can also use a sewing needle or other thin gauge needle to do the work, but two or more small holes are necessary to remove the air.

(2) Force the air from the void with light pressure and cotton rags or gloves to make the surface smooth.

(3) Use a heat gun set at 180°F - 210°F (82°C - 99°C) to increase the speed of the air removal procedure to make the surface smooth. This will also reactivate the adhesive primer that bonds the Tedlar, and let the technician make the Tedlar surface smooth.

B. Rework Procedure for Areas Larger than 4 in^2 (25.8 cm^2): SECTIONING PROCEDURE

NOTE: With this procedure, you can remove and replace the original adhesive and it is not necessary to add other materials.

CAUTION: DO NOT USE THE SECTIONING PROCEDURE WITHOUT A VISIBLE SEAM. DO A CAREFUL CHECK OF THE PANEL TO DECREASE OR TO PREVENT COSMETIC DEFECTS THAT USUALLY OCCUR WHEN YOU REMOVE A PANEL SECTION. IF THE REMOVAL OF THE PANEL SECTION IS THE ONLY ALTERNATIVE, REFER TO PARAGRAPH 9.D.

(1) Make a lay-out of the section you want to remove. Apply a mask to the surrounding panel area.

(2) Insulate the panel with a fiberglass mat or equivalent non-conductive material.

CAUTION: BE CAREFUL WHEN YOU CUT THE TEDLAR. MAKE SURE NOT CUT INTO THE TEDLAR SKIN.

(3) Use an X-acto blade or safety razor to carefully trim the section from the panel.

(4) After you cut the section, use a heat gun and a razor to lift an edge of the Tedlar.

(5) Use Pliers to hold the material while you make it hot. Then carefully remove the section of Tedlar.

(6) Use Peerco 321 or other solvent to remove the unwanted adhesive from the surface. Make sure that the surface is clean and free of dirt or unwanted materials. If necessary to fill aberrations in the surface, refer to paragraph 11. There is no limit to this repair in size if all the adhesive is removed and the normal Tedlar Procedures are done.

C. Replace the Tedlar:

(1) Apply primer to the panel surface. Let the primer dry fully. Refer to Table 6001 for the recommended adhesive.

(2) With a spray gun, apply the same primer to the backside of the Tedlar. Let it dry before you touch it.

(3) Put a corner of the trimmed Tedlar on the cutout. Then make it warm with a heat gun. Make the Tedlar smooth on the surface as technician works the Tedlar down.

D. Rework Procedure for full Removal of the Original Tedlar

NOTE: For an extensive damage example on Tedlar, see Figure 6009.

NOTE: When you replace the Tedlar correctly, you do not add new materials to the component and it gets the original specifications back. There is no limitations for the repair when you use the original adhesives and the correct procedures. For the applicable/approved adhesives, if you would like assistance you can contact Safran Cabin Inc.

(1) INSTRUCTIONS:

(a) Use heat guns, razor scrapers, pliers, and solvent (such as lacquer thinner or acetone) to remove the Tedlar from the panel.

(b) After you remove the covering, remove the remaining adhesive with lacquer thinner or acetone.

(c) Scour the surface with Scotch-Brite pads as necessary to remove the unwanted adhesive.

(d) Let the panel dry in an oven at 150°F (65°C) for 60 minutes before you apply the Fill and Fair out Procedures. Refer to paragraph 11.

(e) To apply decorative laminates, refer to paragraph 14.



Extensive Damage on Tedlar
Figure 6009/GRAPHIC 25-28-48-300-010-A01

E. Repair Procedure for White Bondable Tedlar

NOTE: This repair is limited to 16 in^2 (103.2256 cm^2) of the component surface area.

(1) To remove the damaged sections of white bondable Tedlar, cut the white bond with a razor edge and then remove the damaged Tedlar from the surface.

(2) Use a thin layer of filler (Refer to paragraph 11) to feather out the edge caused by the Tedlar abrupt end on the bare panel face. To feather out the 0.002 in (0.00508 cm) thickness, taper the filler from the bare panel to the white bond facing.

(3) Carefully sand flush and make sure that the sanded area is kept to a minimum.

(4) Clean the sanded area with Isopropyl Alcohol to prepare the component for paint. Do not let the solvent dry on the surface of the part. After you clean the sanded area with Isopropyl Alcohol, remove the unwanted solvent with a clean, dry shop wipe.

(5) With a spray gun, apply to the prepared area a color that agrees with the Polyurethane based paint.

(6) If necessary, touch-up the paint with a brush.

(7) ONLY IF NECESSARY, make the surface smooth with a fine scouring material such as Scotch-Brite (very fine scouring pad). Do not scour the surrounding Tedlar.

TASK 25-28-48-300-813-A01

14. Replace Decorative Laminate

A. Classification of the Decorative Laminates

NOTE: The following information is a summary of Materials and Processes that are available in other Safran Cabin Inc. internal specifications, and that information is copied from those Specifications (CDP490-00) for materials and processes used in this program. Information contained in this document is the same as the information in the CDP490-00.

NOTE: This section gives the three classes of decorative materials used for panels. Each procedure is specific for its class and is not interchangeable with other procedure of a different class. If you would like assistance with which class (procedure) is applicable you can contact Safran Cabin Inc.

(1) CLASS 1: Decorative laminate (Tedlar or Polyvinyl Fluoride Sheeting) with a dry film of adhesive (Acrylic Based).

(2) CLASS 2: Decorative laminate without a film of adhesive. It can be Tedlar, Tapestries and/or carpeting.

(3) CLASS 3: Decorative laminate with Pressure Sensitive Adhesive. (Typical) Polyvinyl Fluoride Sheet/Tedlar.

CAUTION: REMOVAL OF THE BONDED DECORATIVE LAMINATE IS NOT AN EASY TASK. BE CAREFUL NOT TO CAUSE DAMAGE TO THE PANEL WHEN YOU PULL THE LAMINATE AWAY FROM THE SURFACE.

CAUTION: THE MAXIMUM PERMITTED TEMPERATURE OF THE HEAT GUN IS 200°F (93°C).

B. Remove the existing Decorative Laminates

NOTE: The term “laminate” used in this manual refers to Tedlar, carpet, and/or tapestry only.

(1) Remove the decorative laminate that is bonded to the honeycomb panel surface, as follows:

(a) Remove the metal trim that makes an overlap on the laminate.

(b) Start at the top corner. Carefully pull only a small piece of the laminate away from the panel at this time.

(c) Use a heat gun to make the adhesive soft between the laminate and the panel.

(d) Carefully pull the laminate away from the panel in small increments while you apply continuous heat to the adhesive.

NOTE: Do this work with the smallest section possible to make the laminate removal easier.

NOTE: It is permitted to use a sharp tool to remove the laminate from the adhesive when heat is not sufficient.

(e) Slowly and continuously remove all laminate from the panel.

C. Types of Adhesives and Primers

NOTE: See Table 6001. Do not use alternative adhesives or primers that are not recommended by Safran Cabin Inc. The recommended adhesives are aircraft certified. To replace these adhesives, you must get a waiver or approval from Safran Cabin Inc.

WARNING: SOLVENTS, ADHESIVES, AND PRIMERS ARE POISONOUS AND FLAMMABLE. USE SAFETY AND HANDLING PROCEDURES GIVEN BY THE MANUFACTURER.

CAUTION: WHEN YOU USE FASTBOND 10 AS A PRIMER, APPLY AN EQUAL, LIGHT COAT BECAUSE TOO MUCH ADHESIVE INCREASES FLAMMABILITY. FOR ACRYLIC ADHESIVE-BACKED (CLASS 1) TEDLAR, WITH A SPRAY GUN, APPLY A COAT ONLY TO THE PANEL SURFACE. FOR CLASS 2 TEDLAR, WITH A SPRAY GUN, LIGHTLY APPLY A COAT TO THE TEDLAR SURFACE AND THE PANEL.

D. Bonding Procedure for Class 1, Decorative Laminate for Panels

(1) Panel materials compatible with Class-1 Decorative Laminates are as follows:

(a) Aluminum skinned Panels or Surfaces

(b) Phenolic Honeycomb Panels

(c) Polycarbonate/Plastic Panels or Surfaces

(2) Surface Preparation for Priming

(a) Use a finish sandpaper (400-600 grit) to remove the rough areas where you will apply the primer.

(b) To remove the sanding materials from the panels, turn the panels down and tap the rear of the panels. It is also permitted to remove the remaining dust or dirt with a shop vacuum.

(c) Regardless of the procedure used to remove the dust, clean the panel surfaces with a clean cloth, and solvent if necessary. Use Isopropyl Alcohol, MEK, or Acetone only. The Panel will be clean when there is no indication of dirt, oil, or unwanted materials after you pass a clean, dry shop wipe on its surface.

(d) Dry the panel surface with a clean shop wipe to distribute the solvent along the panel surface. The solvent extended in this manner can make its total evaporation easier.

(e) The operator must examine and make sure that there is no solvent on the panel. You can use a clean-filtered-compressed air to remove or blow away the remaining solvent.

(3) Primer Application

NOTE: It is not necessary to apply a primer to the polycarbonate surface for bonding.

(a) Spray Procedure

1 Shake the can of primer or mix the primer until all the material is correctly mixed.

2 Make the primer thin. Use water if necessary.

3 Use a spray gun to apply one or two uniform primer coats on the panel for the decorative laminate. Apply no more than 0.1411 oz per ft² (43.05 g per m²) (wet weight) (0.0423 oz per ft² (12.92 g per m²) (dry weight)) of primer.

4 If a second coat (not usual) is necessary, dry the first coat in the air for 60 minutes. Or put it in a warm (100°F - 115°F (38°C - 46°C)) air-circulating oven or in a drying room (100°F ± 10°F (38°C ± 5.5°C) with dehumidified air) for a minimum of 20 minutes.

5 Dry the primed panel at room temperature for a minimum of 1 hour. Refer to the Manufacturer's instructions for the type of Primers.

NOTE: If a second coat is necessary to get a uniform coat, make sure to let the first coat dry for 15 minutes before you apply the second coat. If the total of the two adhesive coats is more than the limit, remove the adhesive from the panel. Then start all again. The total weight of the two coats must be less than 0.0026 lb (1.2 g) (dry weight).

(b) Brush or Roller Procedure

1 With a brush or a roller, apply a smooth, equal coat of primer on the panel surface that you will cover with the decorative laminate, and on the panel edges. Do not mix the primer with water.

2 Dry the primed panel at room temperature for a minimum of 1 hour. You can decrease the drying time to one half, if you make the panels warm at 100°F ± 10°F (38°C ± 5.5°C).

(4) Preparation of the Decorative Laminate for Bonding

(a) Cut the sheet of decorative laminate larger than the panel.

(b) Put the decorative laminate on the panel and adjust it correctly to the corners of the panel.

CAUTION: BE CAREFUL WHEN YOU MAKE THE PANEL SURFACE SMOOTH. MAKE SURE THAT YOU REMOVE ONLY A MINIMUM QUANTITY OF PRIMER.

(5) Preparation of Panels for Bonding

NOTE: No more preparation is necessary to the panels painted with Type 8 Primers.

(a) Make the painted surface smooth with a finish sandpaper (400-600 grit).

(b) Remove the sanding materials from the non-acoustical parts with a clean cloth. To remove the sanding materials from the acoustical panels, turn the panels down and tap lightly the rear of the panels.

(c) Use a clean rag moist with acetone, MEK, or Isopropyl Alcohol to remove any fingerprints, grease, or oils from the panels.

(6) Preparation of Assembly with Thermoforming Jig

NOTE: No more preparation is necessary to the panels painted with Type 8 Primers.

NOTE: On panels with draw areas, pull the decorative laminate. This is to permit approximately 1 in (2.54 cm) of clearance between the panel and laminate at the point of maximum curvature.

(a) Put the panel on the jig. If necessary, remove the release paper from the back of the decorative laminate. Then put the laminate on top of the panel.

(b) To hold the decorative laminate in position, put it in a frame and attach with staples or tape as necessary.

(7) Vacuum-Forming Heat-Bonding Procedure

CAUTION: USE RELEASE PAPER FOR PROTECTION OF THE DECORATIVE LAMINATE SURFACE.

(a) Move the jig and the panel into the heat vacuum applicator.

(b) You can monitor the bond line temperature thus: with a tape, hold a thermocouple wire between a piece of decorative laminate and a small sample of the panel that you must cover. Keep this thermocouple assembly near the panel that you must cover. Put the thermocouple at the bond line on the actual part when applicable.

(c) Close down the diaphragm and apply a vacuum of 0.5 - 1 psi (3.447 - 6.895 kPa).

(d) Make the wrinkles in the decorative laminate smooth.

NOTE: You can increase the temperature of the panel and the decorative laminate to 150°F (66°C) before you apply the vacuum to help remove the wrinkles.

(e) Bond the decorative laminate to the primed panel as shown below:

USE	TEMPERATURE (°F+15°F) (°C-9°C)	VACUUM	TIME (MINUTES)
Aluminum parts (no primer)	230°F (110°C)	4.91 - 7.36 psi (33.86 - 50.79 kPa)	3-4
Sidewall, Covering Panels and Deep Draw parts	210°F (99°C)	4.91 - 7.36 psi (33.86 - 50.79 kPa)	3-4
Doors and Shallow Draw Parts	200°F (93°C)	3.92 - 4.91 psi (27.09 - 33.86 kPa)	3-4

(f) Decrease the part temperature while the part stays under the vacuum and until the bond line temperature is less than 100°F (38°C). Use a floor fan or an equivalent air cooling system to decrease the part temperature.

(g) To release the vacuum, shut-off the vacuum pump and lift the diaphragm where applicable.

(8) Wrapping Edges

(a) Apply a coat of adhesive to the panel edges before you wrap them. This specification lets the technician use the applicable and approved adhesives (Table 6001) when necessary to wrap the panel edges; but the adhesive selection must be the same as permitted by each program and as used for Certification and Flammability. If you would like assistance you can contact Safran Cabin Inc.

(b) Make the decorative laminate hot around the edges of the panel. To do this, use a heat gun held 6 in (15.24 cm) away from the panel edges for 5 to 10 seconds.

(c) Hold one end of the decorative laminate. Then on the edges of the panels, rub the decorative laminate down continuously with a clean cloth or cotton glove.

(d) Trim the unwanted part of Tedlar from the panel.

E. Bonding Procedure for Class-2 Decorative Laminate (Without Film Adhesive) to Panels

NOTE: Before you apply a Class-2 Decorative Laminate, make the panel surface smooth with a filler compound (refer to paragraph 11), unless you use tapestry or thick laminates.

(1) Panel Materials Compatible with Class-2 Decorative Laminates:

(a) Aluminum skinned Panels or Surfaces

(b) Phenolic Honeycomb Panels

(c) Polycarbonate Panels or Surfaces

(2) Preparation of Surfaces for Bonding

(a) To clean the aluminum and phenolic surfaces, rub them with a clean, lint-free cheesecloth moist with MEK. Before MEK dries up, rub the panel surface with a clean, dry cheesecloth.

NOTE: Clean the Polycarbonate panels with Isopropyl Alcohol or weaker type detergent and water.

(3) Preparation of the Decorative Laminate for Bonding

(a) Cut the sheet of decorative laminate larger than the panel.

(b) Put the decorative laminate on the panel and then adjust it correctly to the corners of the panel.

CAUTION: TO PREVENT WRINKLING AND BUBBLING ON THE DECORATIVE LAMINATE, BE VERY CAREFUL WHEN YOU APPLY HEAT TO THE LAMINATE.

(c) Use FASTBOND #30 to do the steps below:

1 Examine the adhesive shelf life.

2 Mix the adhesive thoroughly. Use it as received for brush application or add water in a quantity necessary to make one part of the adhesive thin.

3 Apply a uniform coat of no more than 0.1411 oz per ft² (43.05 g per m²) (wet weight) (0.0423 oz per ft² (12.92 g per m²) (dry weight)) of adhesive to the two surfaces. On porous surfaces, it is necessary to apply two coats. Dry the adhesive in the air until it is no longer tacky.

4 Touch the adhesive with a Kraft paper to test its tackiness. If the paper does not bond, the adhesive is prepared. If the adhesive becomes too dry, add a new and thin coat of adhesive to reactivate it.

5 When you apply a Class-2 decorative laminate, start from one edge of the panel. Push the decorative laminate onto the bonding surface of the panel. Be careful not to permit the remainder of the decorative laminate to touch the bonding surface. Continue to push the decorative laminate in small increments to the panel until the installation is completely done.

6 Use a heat gun to apply heat and keep the quantity of bubbles at a minimum. Use the heat guns only during a short time and at a low setting at ~200°F ± 20°F (93°C ± 11°C).

7 Clean the decorative surface with a dry cloth. Then make sure that the decorative laminate is fully bonded to the panel.

CAUTION: DO NOT TOUCH ON OR APPLY STRESS TO THE BOND UNTIL THE ADHESIVE CURES COMPLETELY.

(d) Use AKZO NOBEL AQUABIND to do the steps below:

NOTE: Aquabind has low initial-adhesion properties, but it also increases friction. For permanent bonding, you must attach the carpet tightly at the panel edges. Attach the carpet with Polyken-108 Class-2, edge-wrap adhesive, double-backed carpet tape; or hold the material mechanically to the panel (example: use a channel to hold the panel and the carpet in position). The perimeter of the adhesive must be 0.75 in (1.905 cm) width or less. Aquabind is a primer/adhesive that makes the flammability and OSU results better for marginal materials. Make sure that the edge treatment agrees with the initial installation and then complete the procedure.

NOTE: Use adhesive to attach the fabric tapestries and carpet to the aircraft panels. Because of the nature of the adhesive, you must use it on porous substrates only (fabrics or carpets). The adhesive is recommended for AMT X6 and AMT X7 flame retardant-backing materials on Fabrics.

1 Make sure that the panel is clean.

2 Mix the adhesive suspension on a shaker table for 5-10 minutes. You can also mix the adhesive aggressively by hand to make sure that all solids are hanged through the material and it is homogeneous. The adhesive must become chalky and pinkish in color.

3 Apply the adhesive to the panel with a roller, brush, or adhesive spreader (best) in 0.0625 in^2 (0.403 cm^2) slots for distribution. Comb the adhesive (or coat) along the panel surface.

4 You must push the fabric into the adhesive quickly. The adhesive starts to set in 5 minutes. Install the Fabric and make it smooth as necessary. You can use a roller for easy fabric installation and to apply equal pressure.

5 Let the material cure at a temperature of 60°F - 80°F (16°C - 27°C) for four (4) hours before you handle it. The final cure strength is got in 48 hours. To make the adhesive cure faster, you can increase the temperature of the panels to 150°F - 165°F (66°C - 74°C) for two (2) hours.

F. Bonding Procedures for Class-3 Decorative Laminate (with Pressure Sensitive Adhesive)

NOTE: Before you apply a Class-3 Decorative laminate, make the panel surface smooth with a filler compound. Refer to paragraph 11.

(1) Panel Materials Compatible with Class-3 Decorative Laminates:

(a) Aluminum skinned Panels or Surfaces

(b) Phenolic Honeycomb Panels

(c) Polycarbonate Panels or Surfaces

(2) Preparation of Surfaces for Bonding

NOTE: To clean the bonding surfaces, rub them with a clean, lint-free cheesecloth moist with Acetone, Isopropyl Alcohol, Ethanol, or MEK (for aluminum or phenolic). To clean Polycarbonate surfaces, use Isopropyl Alcohol or weaker-type detergent and water. Remove the remaining solvent before it evaporates. For this, use a clean, dry cheesecloth.

(3) Preparation of the Decorative Laminate for Bonding

(a) Cut the sheet of the decorative laminate larger than the panel on which you will install the laminate.

(b) Put the decorative laminate on the panel and then adjust it correctly to the corners of the panel.

(4) Application of Class 3 Laminate

CAUTION: TO PREVENT WRINKLING AND BUBBLING ON THE DECORATIVE LAMINATE, BE VERY CAREFUL WHEN YOU APPLY HEAT TO THE LAMINATE.

(a) Remove the backing paper from the decorative laminate.

(b) Start from one edge of the panel. Push the decorative laminate on the bonding surface of the panel. Be careful not to permit the remainder of the decorative laminate to touch the bonding surface.

(c) Use a heat gun to apply heat and keep the quantity of bubbles at a minimum. Use heat guns only during a short time and at a low setting, at ~200°F ± 30°F (93°C ± 17°C).

(d) Continue to push the decorative laminate in small increments onto the panel until its complete installation.

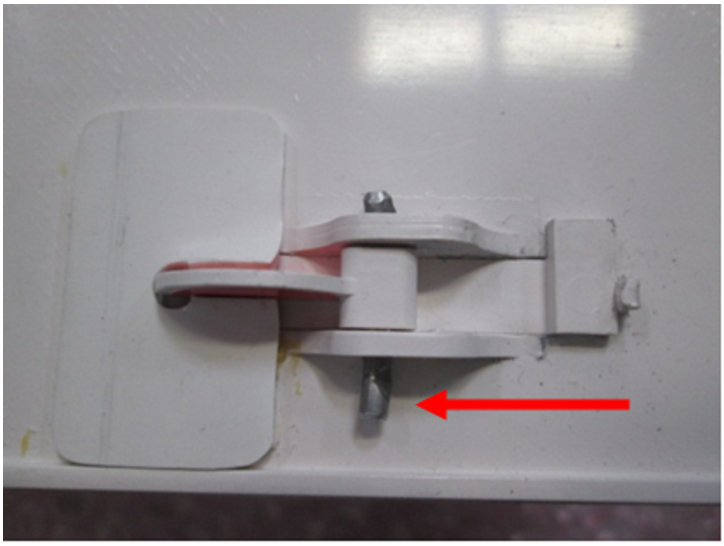
(e) Clean the decorative surface with a dry cloth. Then make sure that the decorative laminate is fully bonded to the panel.

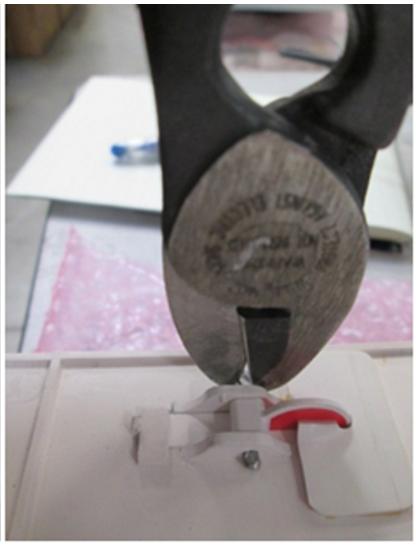
TASK 25-28-48-300-814-A01

15. Test Latch Replacement

A. Open oxygen mask door so that the test latch is easily accessible.

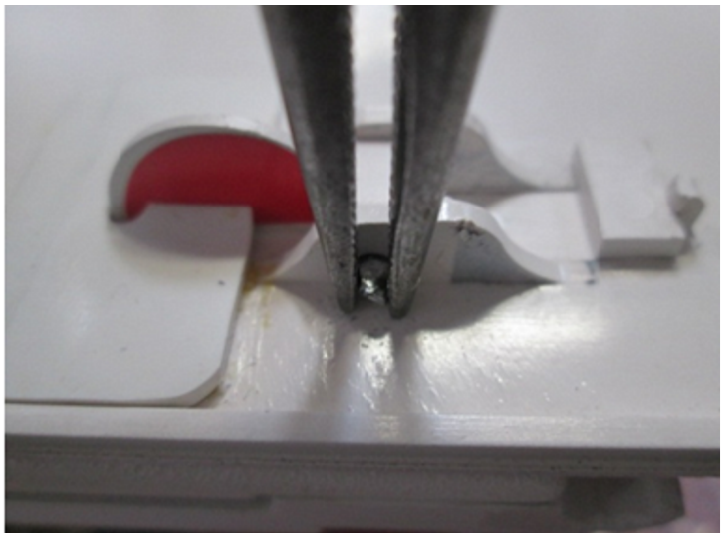
B. Use wire cutters to cut off the crimped end of the pin closest to the edge of the door.



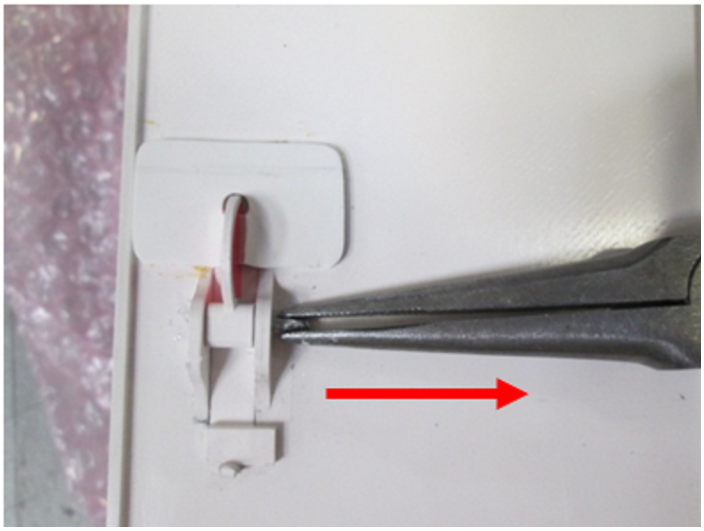


C. Use pliers to shape the cut end of the pin so that no material exceeds the diameter of the pin.

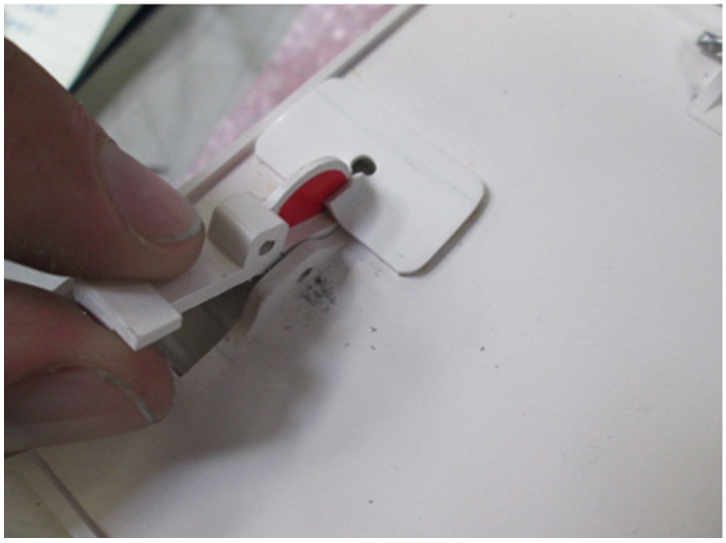
NOTE: If necessary a file can be used to remove material that is preventing the pin from fittimg through the hole.



D. Use pliers to pull the pin out from the uncut side so that the cut end moves through the support and the latch.

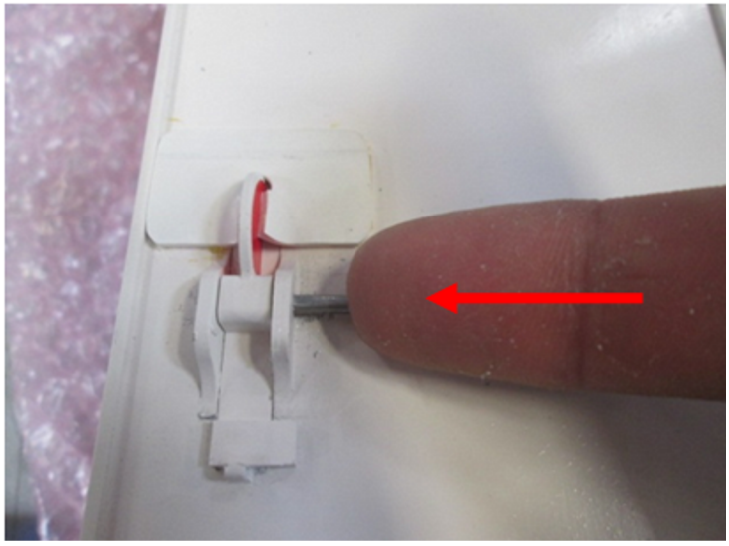


E. Remove the broken latch



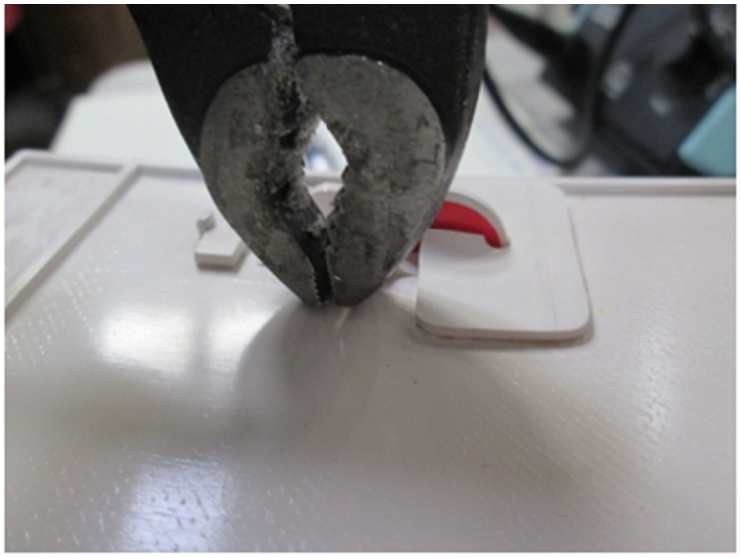
F. Place the new test latch into the slot such that it sits in the closed position.

G. Insert a new pin through the hole in the support and latch.



H. Use a crimping tool to crimp the ends of the pin so that it can not move out of the hole in either direction.

NOTE: Pliers can be used to deform the ends if a crimping tool is not available.



ASSEMBLY

TASK 25-28-48-99F-812-A01

1. General

A. This section contains special instructions and notes needed to prevent damage to components and possible injury during to persons assembly of the Passenger Service Unit (PSU).

NOTE: Assembly sequence can be changed.

B. Refer to REPAIR to replace all bonded components, adhesive-backed placards, electrical wiring, and potted inserts. Install the attaching parts given in the IPL to attach all other components.

TASK 25-28-48-400-801-A01

2. Assembly Procedures

WARNING: TO AVOID INJURIES TO PERSONNEL WHILE SERVICING THE EQUIPMENT, MAKE SURE THAT ALL POWER HAS BEEN REMOVED. ONLY APPROVED PERSONNEL MUST DO THE MAINTENANCE.

CAUTION: THE MONUMENT HAS DECORATIVE SURFACES THAT ARE EASILY DAMAGED. COVER THE SURFACES AND BE CAREFUL WITH UNIT TO PREVENT DAMAGE.

SUBTASK 25-28-48-440-001-A01

A. Left-Hand Passenger Service Unit Assembly (IPL Figure 1)

(1) Assemble and install the oxygen/light/ gasper air panel assembly (-420A) as follows:

(a) Install the oxygen/light/ gasper air panel (-435A).

(2) Assemble and install the oxygen/light/ gasper air panel assembly (-415A) as follows:

(a) Install the oxygen/light/ gasper air panel (417A).

(3) Install the door/face panel assembly (-410).

(4) Install the door/face panel assembly (405).

(5) Install the speed nut (400 or -400A).

(6) Install the washers (398).

(7) Install the screws (397A).

(8) Install the washers (-395B).

(9) Install the screws (-390A).

(10) Install the washers (-385).

(11) Install the screws (-380).

(12) Install the cable tie (-375).

(13) Install the passenger service unit latch catches (370A).

(14) Install the torsion springs (365).

(15) Install the pins (-360A).

(16) Install the pins (357).

(17) Install the retaining rings (-355).

(18) Install the anti-rattle pads (-352B).

(19) Install the anti-rattle pads (-350A).

(20) Install the plenum caps (349).

(21) Install the plenum cap clamps (347).

(22) Install the air outlets (345A).

(23) Install the light / gasper air bucket (330A) with screws (-335), washers (-340B), screws (342), and washers (344).

(24) Install the PCB bracket (-322) with screws (-325), screws (327), and washers (329).

(25) Install the bracket (-320A).

(26) Install the PCB bracket (317).

(27) Install the PCB bracket (-315A).

(28) Refer to REPAIR section to replace the bonded cable tie mount (-310).

(29) Install the cable tie (-305).

(30) Install the plunger nylatches (-300A).

(31) Install the spacers (-295A).

(32) Install the grommet nylatches (-285A).

(33) Install the grommet nylatches (284).

(34) Install the spacers (283).

(35) Install the plunger nylatches (282).

(36) Install the right-hand side PCB assembly (-281).

(37) Install the right-hand side PCB assembly (-280 or -280A).

(38) Install the PCB assembly (277).

(39) Install the left-hand side PCB assembly (-275 or -275A).

(40) Refer to REPAIR section to replace the bonded cable tie mount (-270).

(41) Install the brackets (-250 and -255) with screw (-260) and washer (-265).

(42) Assemble and install the lanyard assembly (-230 or -230A) as follows:

(a) Install the dacron rope lanyards (245A).

(b) Install the split ring (240 or -240A).

(c) Install the oval sleeves (235A).

(43) Refer to REPAIR section to replace the bonded placard (-225A).

(44) Install the bracket (210A) with screws (215) and washers (220).

(45) Install the snap rivets (-206).

(46) Install the nuts (-205).

(47) Install the washers (-200).

(48) Install the screws (-195).

(49) Refer to REPAIR section to replace the bonded cable tie mount (190).

(50) Refer to REPAIR section to replace the bonded placard (-187A).

(51) Refer to REPAIR section to replace the bonded placard (-186A).

(52) Assemble and install the reading light assemblies (179) as follows:

(a) Install the housing assembly (184).

(b) Install the incandescent lamp (183).

(c) Install the housing lens assembly (182).

(d) Install the spring ring (181).

(53) Install the reading lights (175A).

(54) Assemble and install the switch PCB assembly (155) as follows:

(a) Install the 22-AWG wires (-172).

(b) Install the PCB artwork (-170).

(c) Install the key switches (-165).

(d) Install the socket contacts (-160).

(55) Install the rocker base (150).

(56) Assemble the reading light switch cap assembly (-125) as follows:

(a) Install the light switch cap (145).

(b) Install the rocker (140).

(57) Install the reading light switch cap assembly (-125) with screw (130 or -130A) and washer (135).

(58) Refer to REPAIR section to replace the bonded placard (-123A).

(59) Assemble and install the attendant call light assembly (-110) as follows:

(a) Install the label (-122).

(b) Install the cable ties (-121).

(c) Install the attendant LED (120A).

(d) Install the crimp contacts (115).

(60) Assemble and install the attendant call switch assembly (-99) as follows:

(a) Install the label (-107).

(b) Install the cable ties (-106).

(c) Install the socket contacts (105).

(d) Assemble and install the switch cap assembly (102A) as follows:

1 Install the switch cap assembly (-104A).

(61) Install the cable ties (97).

(62) Assemble and install the air hose assembly (-85, -85A, or -85B) as follows:

(a) Install the air hose (95, -95A, or -95B).

(b) Assemble and install the male connector assembly (-89) as follows:

1 Install the male connector (93).

2 Install the O-ring (91).

(c) Install the cable tie (87).

(63) Refer to REPAIR section to replace the bonded cable tie mount (80).

(64) Install the cable tie (75).

(65) Install the connector (-70).

(66) Install the oxygen box assemblies (35, -35A, -35B, or -35C, -40, -40A, -40B, or -40C, and 45, -45A, -45B, or -45C) with screws (50A) and washers (60). Assemble the oxygen box assemblies (-40, -40A, -40B, or -40C and -45B or -45C) in accordance with SUBTASK 25-28-48-440-020-A01 and (35, -35A, -35B, or -35C and 45 or -45A) in accordance with SUBTASK 25-28-48-440-021-A01.

(67) Install the foam pad (-32).

(68) Install the cable tie (30).

(69) Install the passenger service unit wire harness assembly (-25).

(70) Install the passenger service unit wire harness assembly (20).

SUBTASK 25-28-48-440-002-A01

B. Left-Hand Passenger Service Unit Assembly (IPL Figure 1A)

(1) Assemble and install the oxygen / light / gasper air panel assembly (-465 or -465A) as follows:

(a) Install the oxygen / light / gasper air panel (-480 or -480A).

(2) Assemble and install the oxygen / light / gasper air panel assembly (-460 or 460A) as follows:

(a) Install the oxygen / light / gasper air panel (-462).

(3) Install the door/face panel assembly (-455).

(4) Install the door/face panel assembly (-450).

(5) Install the O-ring (-446).

(6) Install the speed nut (445 or -445A).

(7) Install the washers or flat washers (-440A or 440B).

(8) Install the screws (-435 or 435B).

(9) Install the washers (-430).

(10) Install the screws (-425).

(11) Install the cable tie (420).

(12) Install the catches (-415) or passenger service unit latch catches (415A).

(13) Install the torsion springs (410).

(14) Install the passenger service unit latch pins (-405) or pins (405A).

(15) Install the retaining rings (-400).

(16) Install the anti-rattle pads (398A).

(17) Install the foams (-395) or bumpers (-395A, or -395B).

(18) Install the plenum caps (-392).

(19) Install the plenum cap clamps (-391).

(20) Install the air outlets (390 or -390A).

(21) Install the light / gasper air buckets (370 and -375) with screws (-380), flat washers (-385A), screws (387), and washers (389).

(22) Install the gasper air adapter (-365).

(23) Install the gasper air adapter (360).

(24) Install the reading light adapter (-355).

(25) Install the reading light adapter (350).

(26) Install the PCB bracket (-342) with screws (-345), screws (347), and washers (349).

(27) Install the PCB bracket (-340).

(28) Install the PCB bracket (337).

(29) Install the PCB bracket (-335).

(30) Refer to REPAIR section to replace the bonded cable tie mount (-330).

(31) Install the cable tie (-325).

(32) Install the spacers (-315).

(33) Install the washers (-310).

(34) Install the screw (-307).

(35) Install the screws (-305).

(36) Install the grommet nylatches (304).

(37) Install the spacers (303).

(38) Install the plunger nylatches (302).

(39) Install the PCB assembly (-301).

(40) Install the PCB assembly (-300).

(41) Install the PCB assembly (-297).

(42) Install the PCB assembly (-295).

(43) Refer to REPAIR section to replace the bonded cable tie mount (-290).

(44) Install the brackets (270 and -275) with screw (-280) and washer (-285).

(45) Install the bracket (-270).

(46) Assemble and install the lanyard assembly (-250) as follows:

(a) Install the dacron rope lanyards (265A).

(b) Install the split ring (260).

(c) Install the oval sleeves (255A).

(47) Install the cable tie (245).

(48) Refer to REPAIR section to replace the bonded placard (-240).

(49) Install the bracket (-225 or 225A) with screws (230) and washers (235).

(50) Install the nuts (-220).

(51) Install the washers (-215).

(52) Install the screws (-210A).

(53) Refer to REPAIR section to replace the bonded cable tie mount (205).

(54) Refer to REPAIR section to replace the bonded placard (-200).

(55) Refer to REPAIR section to replace the bonded placard (-195).

(56) Assemble and install the reading light assemblies (191) as follows:

(a) Install the incandescent lamp or housing assembly (194 or 194A).

(b) Install the housing lens assembly (193).

(c) Install the spring ring (192).

(57) Install the reading lights (-180).

(58) Install the washer spacer (179).

(59) Assemble and install the switch PCB assembly (-160) as follows:

(a) Install the PCB artwork (-175).

(b) Install the key switches (-170).

(c) Install the socket contacts (-165).

(60) Install the rocker base (155).

(61) Assemble and install the reading light switch cap assembly (-130) as follows:

(a) Install the light switch cap (150).

(b) Refer to REPAIR section to replace the bonded rocker (145).

(62) Refer to REPAIR section to replace the bonded placard (-125).

(63) Assemble and install the attendant call light assembly (-113) as follows:

(a) Install the attendant LED (120).

(b) Install the crimp contacts (115).

(64) Assemble and install the attendant call switch assembly (-107) as follows:

(a) Install the socket contacts (111).

(b) Install the switch cap assembly (109A).

(65) Install the plenum cap (105).

(66) Install the plenum cap clamp (103).

(67) Install the cable tie (101).

(68) Assemble and install the air hose assembly (-89) as follows:

(a) Install the air hose (99).

(b) Assemble and install the male connector assembly (-93) as follows:

1 Install the male connector (97).

2 Install the O-ring (95).

(c) Install the cable tie (91).

(69) Assemble and install the air hose assembly (-77) as follows:

(a) Install the air hose (87).

(b) Assemble and install the male connector assembly (-81) as follows:

1 Install the male connector (85).

2 Install the O-ring (83).

(c) Install the cable tie (79).

(70) Refer to REPAIR section to replace the bonded cable tie mount (75).

(71) Install the cable tie (70).

(72) Install the washer (68).

(73) Install the screw (67 or -67A).

(74) Assemble the oxygen box assembly (-40, 40A, or -40B) in accordance with SUBTASK 25-28-48-440-012-A01 or SUBTASK 25-28-48-440-013-A01. Install the oxygen box assembly (-40, 40A, or -40B) with screws (-45), washers (-50), washers (-55), nuts (-60), screws (62), and washers (63).

(75) Assemble and install the oxygen box assembly (-35 or 35A) in accordance with SUBTASK 25-28-48-440-012-A01.

(76) Install the snap rivets (-33).

(77) Install the foam pad (-32).

(78) Install the cable ties (30 or -30A).

(79) Install the passenger service unit wire harness assembly (25).

(80) Install the passenger service unit wire harness assembly (20).

SUBTASK 25-28-48-440-003-A01

C. Left-Hand Passenger Service Unit Assembly (IPL Figure 1B)

(1) Assemble and install the oxygen / light / gasper air panel assembly (-460) as follows:

(a) Install the oxygen / light / gasper air panel (-475).

(2) Assemble and install the oxygen / light / gasper air panel assembly (-455) as follows:

(a) Install the oxygen / light / gasper air panel (457).

(3) Install the speed nut (450 or -450A).

(4) Install the washers (445).

(5) Install the screws (440).

(6) Install the cable tie (435).

(7) Install the passenger service unit latch catches (430).

(8) Install the torsion springs (425).

(9) Install the pins (420).

(10) Install the anti-rattle pads (415).

(11) Install the O-ring (412).

(12) Install the air outlets (410 or -410B).

(13) Install the light / gasper air buckets (390 and -395) with screws (400) and washers (405).

(14) Install the gasper air adapter (-385).

(15) Install the gasper air adapter (380).

(16) Install the reading light adapter (-375).

(17) Install the reading light adapter (370).

(18) Install the PCB brackets (350 and -355) with screws (360) and washers (365).

(19) Install the grommet nylatches (340).

(20) Install the spacers (335).

(21) Install the plunger nylatches (330).

(22) Install the PCB assembly (-325).

(23) Install the PCB assembly (-320).

(24) Assemble and install the lanyard assembly (-300) as follows:

(a) Install the dacron rope lanyards (315A).

(b) Install the split ring (310).

(c) Install the oval sleeves (305A).

(25) Install the cable tie (295).

(26) Install the bracket (280) with screws (285) and washers (290).

(27) Refer to REPAIR section to replace the bonded cable tie mount (278).

(28) Assemble and install the reading light assemblies (267) as follows:

(a) Install the housing assembly (275).

(b) Install the incandescent lamp (273).

(c) Install the housing lens assembly (271).

(d) Install the spring ring (269).

(29) Install the cable tie (266).

(30) Install the washer spacer (265).

(31) Assemble and install the switch PCB assembly (-240) as follows:

(a) Install the PCB artwork (-255).

(b) Install the key switches (-250).

(c) Install the socket contacts (-245).

(32) Install the rocker base (235).

(33) Assemble and install the reading light switch cap assembly (-220) as follows:

(a) Install the light switch cap (230).

(b) Install the rocker (225).

(34) Assemble and install the attendant call light assembly (-205) as follows:

(a) Install the attendant LED (215).

(b) Install the crimp contacts (210).

(35) Assemble and install the attendant call switch assembly (-180 or -180A) as follows:

(a) Install the socket contacts (200).

(b) Assemble and install the switch cap assembly (-185 or -185A) as follows:

1 Install the switch and cap assembly (-197 or -197A).

(36) Install the plenum cap (175).

(37) Install the plenum cap clamp (170).

(38) Assemble and install the air hose assembly (-130) as follows:

(a) Install the air hose (165).

(b) Install the hose coupler (160).

(c) Install the air hose (155).

(d) Assemble and install the male connector assembly (-140) as follows:

1 Install the male connector (150).

2 Install the O-ring (145).

(e) Install the cable ties (135).

(39) Assemble and install the air hose assembly (-90) as follows:

(a) Install the air hose (125).

(b) Install the hose coupler (120).

(c) Install the air hose (115).

(d) Assemble and install the male connector assembly (-100) as follows:

1 Install the male connector (110).

2 Install the O-ring (105).

(e) Install the cable ties (95).

(40) Install the cable tie (87).

(41) Refer to REPAIR section to replace the bonded cable tie mount (85).

(42) Install the cable tie (80).

(43) Install the washer (75).

(44) Install the screw (70).

(45) Assemble the oxygen box assemblies (45 and 50) in accordance with SUBTASK 25-28-48-440-021-A01 and SUBTASK 25-28-48-440-020-A01. Install the oxygen box assemblies (45 and 50) with screws (55) and washers (60).

(46) Install the foam pad (-40).

(47) Install the cable tie (35).

(48) Install the snap rivets (-30).

(49) Install the passenger service unit wire harness assembly (25).

(50) Install the passenger service unit wire harness assembly (20).

SUBTASK 25-28-48-440-004-A01

D. Left-Hand Passenger Service Unit Assembly (IPL Figure 1C)

(1) Assemble and install the oxygen/light/ gasper air panel assembly or oxygen/ light/ gasper air panel assembly (355 or -355A) as follows:

(a) Install the oxygen/light/ gasper panel (-365 or -365A).

(2) Install the speed nut (350).

(3) Install the washers (345).

(4) Install the screws (340).

(5) Install the cable tie (335).

(6) Install the passenger service unit latch catches (330).

(7) Install the torsion springs (325).

(8) Install the pins (320).

(9) Install the anti-rattle pads (315).

(10) Install the plenum caps (310).

(11) Install the plenum cap clamps (305).

(12) Install the air outlets (300).

(13) Install the light / gasper air bucket (285) with screws (290) and washers (295).

(14) Install the PCB bracket (270 or -270A) with screws (275) and washers (280).

(15) Install the grommet nylatches (265).

(16) Install the spacers (260).

(17) Install the plunger nylatches (255).

(18) Install the PCB assembly (250 or -250A).

(19) Assemble and install the lanyard assembly (230) as follows:

(a) Install the dacron rope lanyards (245A).

(b) Install the split ring (240).

(c) Install the oval sleeves (235B).

(20) Install the bracket (215) with screws (220) and washers (225).

(21) Refer to REPAIR section to replace the bonded cable tie mount (210).

(22) Assemble and install the reading light assemblies (185 or -185A) as follows:

(a) Install the housing assembly (205).

(b) Install the incandescent lamp (200).

(c) Install the housing lens assembly (195).

(d) Install the spring ring (190).

(23) Assemble and install the switch PCB assembly (165) as follows:

(a) Install the PCB artwork (180).

(b) Install the key switches (175).

(c) Install the socket contacts (-170).

(24) Install the rocker base (160).

(25) Assemble the reading light switch cap assembly (-135) as follows:

(a) Install the light switch cap (155).

(b) Install the rocker (150).

(26) Install the reading light switch cap assembly (-135) with screw (140) and washer (145).

(27) Assemble and install the attendant call light assembly (120) as follows:

(a) Install the attendant LED (130).

(b) Install the crimp contacts (125).

(c) Install the cable ties (-122).

(28) Assemble and install the attendant call switch assembly (-95) as follows:

(a) Assemble and install the switch cap assembly (-105) as follows:

1 Install the switch and cap assembly (117).

(b) Install the socket contacts (100).

(c) Install the cable ties (-97).

(29) Install the cable ties (90).

(30) Assemble and install the air hose assembly (-60) as follows:

(a) Assemble and install the male connector assembly (-75) as follows:

1 Install the male connector (85).

2 Install the O-ring (80).

(b) Install the air hose (70).

(c) Install the cable tie (65).

(31) Refer to REPAIR section to replace the bonded cable tie mount (55).

(32) Install the cable tie (50).

(33) Assemble the oxygen box assemblies (25 and -30A) in accordance with SUBTASK 25-28-48-440-013-A01. Install the oxygen box assemblies (25 and -30A) with screws (35) and washers (40).

(34) Install the snap rivets (-20).

(35) Install the foam pad (15).

(36) Install the cable tie (10).

(37) Install the passenger service unit wire harness assembly (5 or -5A).

SUBTASK 25-28-48-440-005-A01

E. Left-Hand Passenger Service Unit Assembly (IPL Figure 1D)

(1) Refer to REPAIR section to replace the bonded placard (-395).

(2) Refer to REPAIR section to replace the bonded placard (-390).

(3) Refer to REPAIR section to replace the bonded placard (-385).

(4) Assemble and install the oxygen/ light/ gasper air panel assembly (370 or -370A) as follows:

(a) Install the oxygen/ light/ gasper panel (-380 or -380A).

(5) Install the reading light adapter (-365A).

(6) Install the gasper air adapter (-360).

(7) Install the gasper air adapter (-355).

(8) Install the reading light adapter (-350).

(9) Install the cable tie (-345).

(10) Install the O-ring (-340).

(11) Install the spacer washer (-335).

(12) Install the retaining ring (-330A).

(13) Install the washers (325).

(14) Install the screws (320).

(15) Install the anti-rattle pads (315).

(16) Install the torsion springs (310).

(17) Install the passenger service unit latch catches (300) with rivets (-305).

(18) Install the plenum caps (295 or -295A).

(19) Install the plenum cap clamps (290 or -290A).

(20) Install the air outlets (285 or -285A).

(21) Install the light / gasper bucket assembly (270, -270A, -270B, or -270C) with screws (275) and washers (280).

(22) Install the PCB bracket (255 or -255A) with screws (260) and washers (265).

(23) Install the grommet nylatches (250).

(24) Install the spacers (245).

(25) Install the plunger nylatches (240).

(26) Install the PCB assembly (235 or -235A).

(27) Assemble and install the lanyard assembly (215) as follows:

(a) Install the dacron rope lanyards (230A).

(b) Install the spring snap (225).

(c) Install the oval sleeves (220).

(28) Install the bracket (200) with screws (205) and washers (210).

(29) Refer to REPAIR section to replace the bonded cable tie mount (195).

(30) Install the reading lights (190 or -190A).

(31) Assemble and install the switch PCB assembly (170) as follows:

(a) Install the PCB artwork (185).

(b) Install the key switches (180).

(c) Install the socket contacts (175).

(32) Install the rocker base (165).

(33) Assemble the reading light switch cap assembly (-140 or -140A) as follows:

(a) Install the light switch cap (160 or -160A).

(b) Install the rocker (155 or -155A).

(34) Install the reading light switch cap assembly (-140 or -140A) with screw (145) and washer (150).

(35) Assemble and install the attendant call light assembly (125 or -125A) as follows:

(a) Install the attendant LED (-135 or -135A).

(b) Install the crimp contacts (-130).

(36) Assemble the attendant call switch assembly (-90 or -90A) as follows:

(a) Assemble and install the switch cap assembly (105 or -105A) as follows:

1 Install the switch (-115).

(b) Install the socket contacts (100).

(37) Install the attendant call switch assembly (-90 or -90A) with speed nut (-95).

(38) Assemble and install the air hose assembly (55, -55A, or -55B) as follows:

(a) Assemble and install the male connector assembly (-75) as follows:

1 Install the male connector (85).

2 Install the O-ring (80).

(b) Install the air hose (70, -70A, or -70B).

(c) Install the cable tie (-65).

(39) Refer to REPAIR section to replace the bonded cable tie mount (50).

(40) Install the cable tie (-45A).

(41) Install the receptacle housing (-40A).

(42) Assemble the oxygen box assembly (-25, -25A, -25B, 25C, -25D, -25E, -25F, -25G, or -25H) in accordance with SUBTASK 25-28-48-440-013-A01 or SUBTASK 25-28-48-440-012-A01. Install the oxygen box assembly (-25, -25A, -25B, 25C, -25D, -25E, -25F, -25G, or -25H) with screws (30) and washers (35).

(43) Install the snap rivets (-20 or -20A).

(44) Install the foam pad (15).

(45) Install the cable ties (10 or -10A).

(46) Install the passenger service unit wire harness assembly (5 or -5A).

SUBTASK 25-28-48-440-006-A01
F. Passenger Service Unit Installation (IPL Figure 1E)

(1) Refer to REPAIR section to replace the bonded placards (50).

(2) Install the O-rings (-45).

(3) Assemble and install the plug assemblies (-30) as follows:

(a) Install the plug (40).

(b) Install the O-ring (35).

(4) Assemble and install the Wi-Fi/NS/FSB sign assemblies (-5) as follows:

(a) Install the housing assembly (25).

(b) Refer to REPAIR section to replace the bonded bumper (-20).

(c) Install the PCB assembly (15).

(d) Refer to REPAIR section to replace the bonded lens (10).

SUBTASK 25-28-48-440-007-A01
G. Passenger Service Unit Installation (IPL Figure 1F)

(1) Install the O-rings (40 or -40A).

(2) Refer to REPAIR section to replace the bonded placards (35, -35A, -35B, -35C, or -35D).

(3) Install the Wi-Fi/NS/FSB sign assemblies (30).

(4) Assemble and install the filler panel assemblies (20A) in accordance with SUBTASK 25-28-48-440-022-A01.

(5) Assemble and install the filler panel assemblies (15 or -15A) in accordance with SUBTASK 25-28-48-440-022-A01.

(6) Assemble and install the class divider filler panels (10) in accordance with SUBTASK 25-28-48-440-036-A01.

(7) Assemble and install the class divider filler panels (5) in accordance with SUBTASK 25-28-48-440-036-A01.

SUBTASK 25-28-48-440-008-A01
H. Passenger Service Unit Installation (IPL Figure 1G)

(1) Refer to REPAIR section to replace the bonded placards (10).

(2) Install the Wi-Fi/NS/FSB sign assemblies (5).

SUBTASK 25-28-48-440-009-A01
I. Passenger Service Unit Installation (IPL Figure 1H)

(1) Assemble and install the class divider filler panel assemblies (75) in accordance with SUBTASK 25-28-48-440-036-A01.

(2) Assemble and install the class divider filler panel assemblies (70) in accordance with SUBTASK 25-28-48-440-036-A01.

(3) Assemble and install the filler 8" panel assemblies (65) in accordance with SUBTASK 25-28-48-440-022-A01.

(4) Assemble and install the filler 7" panel assemblies (60) in accordance with SUBTASK 25-28-48-440-022-A01.

(5) Assemble and install the filler 5" panel assemblies (55) in accordance with SUBTASK 25-28-48-440-022-A01.

(6) Assemble and install the right-hand passenger service unit assembly (50) in accordance with SUBTASK 25-28-48-440-002-A01.

(7) Refer to REPAIR section to replace the bonded modification incorporation placards (45).

(8) Install the O-rings (-40).

(9) Install the sealing caps (-35).

(10) Install the sealing caps (-30).

(11) Assemble and install the Wi-Fi/NS/FSB sign assemblies (5) as follows:

(a) Install the housing assembly (25).

(b) Refer to REPAIR section to replace the bonded bumper (-20).

(c) Install the PCB assembly (15).

(d) Refer to REPAIR section to replace the bonded lens (10).

SUBTASK 25-28-48-440-010-A01
J. Passenger Service Unit Installation (IPL Figure 1J)

(1) Refer to REPAIR section to replace the bonded foam (-35).

(2) Install the O-rings (-30).

(3) Assemble and install the plug assemblies (-15) as follows:

(a) Install the plug (25).

(b) Install the O-ring (20).

(4) Assemble and install the filler panel assemblies (10) in accordance with SUBTASK 25-28-48-440-022-A01.

(5) Assemble and install the right-hand passenger service unit assembly (5) in accordance with SUBTASK 25-28-48-440-002-A01.

SUBTASK 25-28-48-440-037-A01

K. Passenger Service Unit Installation (IPL Figure 1K)

(1) Assemble and install the right-hand passenger service unit assemblies (105) in accordance with SUBTASK 25-28-48-440-005-A01.

(2) Assemble and install the left-hand passenger service unit assemblies (100) in accordance with SUBTASK 25-28-48-440-005-A01.

(3) Assemble and install the right-hand passenger service unit assemblies (95) in accordance with SUBTASK 25-28-48-440-005-A01.

(4) Assemble and install the temperature sensor panel assemblies (90) in accordance with SUBTASK 25-28-48-440-035-A01.

(5) Assemble and install the forward load clamp assemblies (-85) in accordance with SUBTASK 25-28-48-440-033-A01.

(6) Assemble and install the left-hand speaker/NSFSB panel assembly (80) in accordance with SUBTASK 25-28-48-440-021-A01.

(7) Assemble and install the left-hand speaker/NSFSB panel assemblies (75) in accordance with SUBTASK 25-28-48-440-021-A01.

(8) Assemble and install the right-hand speaker/NSFSB panel assembly (70) in accordance with SUBTASK 25-28-48-440-021-A01.

(9) Assemble and install the right-hand speaker/NSFSB panel assemblies (65) in accordance with SUBTASK 25-28-48-440-021-A01.

(10) Assemble and install the plug connector assemblies (-50) as follows:

(a) Install the plug (-60).

(b) Install the O-ring (-55).

(11) Install the O-rings (-45).

(12) Assemble and install the class divider filler panel assemblies (40) in accordance with SUBTASK 25-28-48-440-036-A01.

(13) Assemble and install the class divider filler panel assemblies (35) in accordance with SUBTASK 25-28-48-440-036-A01.

(14) Assemble and install the filler panel assemblies (30) in accordance with SUBTASK 25-28-48-440-024-A01.

(15) Assemble and install the filler panel assemblies (25) in accordance with SUBTASK 25-28-48-440-025-A01.

(16) Assemble and install the filler panel assemblies (20) in accordance with SUBTASK 25-28-48-440-024-A01.

(17) Assemble and install the filler panel assemblies (15) in accordance with SUBTASK 25-28-48-440-022-A01.

(18) Assemble and install the filler panel assemblies (10) in accordance with SUBTASK 25-28-48-440-023-A01.

(19) Assemble and install the filler panel assemblies (5) in accordance with SUBTASK 25-28-48-440-023-A01.

SUBTASK 25-28-48-440-038-A01

L. Passenger Service Unit Installation (IPL Figure 1L)

(1) Refer to REPAIR section to replace the bonded foam (-90 or -90A).

(2) Assemble and install the right-hand passenger service unit assemblies (-85 or 85A) in accordance with SUBTASK 25-28-48-440-001-A01.

(3) Assemble and install the left-hand passenger service unit assemblies (-80 or 80A) in accordance with SUBTASK 25-28-48-440-001-A01.

(4) Assemble and install the right-hand passenger service unit assemblies (75) in accordance with SUBTASK 25-28-48-440-026-A01.

(5) Assemble and install the left-hand speaker/ns/fsb panel assembly (70) in accordance with SUBTASK 25-28-48-440-013-A01.

(6) Assemble and install the right-hand speaker/ns/fsb panel assembly (65) in accordance with SUBTASK 25-28-48-440-013-A01.

(7) Assemble and install the left-hand speaker/ns/fsb panel assemblies (60) in accordance with SUBTASK 25-28-48-440-011-A01.

(8) Assemble and install the right-hand speaker/ns/fsb panel assemblies (55) in accordance with SUBTASK 25-28-48-440-011-A01.

(9) Assemble and install the left-hand speaker/ns/fsb panel assembly (50) in accordance with SUBTASK 25-28-48-440-012-A01.

(10) Assemble and install the right-hand speaker/ns/fsb panel assembly (45) in accordance with SUBTASK 25-28-48-440-012-A01.

(11) Assemble and install the air hose assemblies (-40 or -40A) in accordance with SUBTASK 25-28-48-440-023-A01.

(12) Assemble and install the forward load clamp assemblies (-35) in accordance with SUBTASK 25-28-48-440-024-A01.

(13) Assemble and install the plug connector assemblies (-20, -20A, or -20B) as follows:

(a) Install the plug (-30).

(b) Install the o-ring (-25).

(14) Install the o-rings (-15).

(15) Assemble and install the filler panel assemblies (10) in accordance with SUBTASK 25-28-48-440-011-A01.

(16) Assemble and install the filler panel assemblies (5) in accordance with SUBTASK 25-28-48-440-011-A01.

SUBTASK 25-28-48-440-039-A01

M. Passenger Service Unit Installation (IPL Figure 1M)

(1) Assemble and install the right-hand passenger service unit assembly (40) in accordance with SUBTASK 25-28-48-440-005-A01.

(2) Assemble and install the left-hand passenger service unit assembly (35) in accordance with SUBTASK 25-28-48-440-005-A01.

(3) Assemble and install the left-hand speaker panel assembly (30) in accordance with SUBTASK 25-28-48-440-021-A01.

(4) Assemble and install the right-hand speaker panel assembly (25) in accordance with SUBTASK 25-28-48-440-021-A01.

(5) Assemble and install the plug connector assemblies (-10) as follows:

(a) Install the plug (-20).

(b) Install the o-ring (-15).

(6) Install the o-rings (-5).

SUBTASK 25-28-48-440-040-A01

N. Passenger Service Unit Installation (IPL Figure 1N)

(1) Assemble and install the class divider filler panel assembly (115) in accordance with SUBTASK 25-28-48-440-043-A01.

(2) Assemble and install the class divider filler panel assembly (110) in accordance with SUBTASK 25-28-48-440-043-A01.

(3) Assemble and install the class divider filler panel assembly (105) in accordance with SUBTASK 25-28-48-440-043-A01.

(4) Assemble and install the class divider filler panel assembly (100) in accordance with SUBTASK 25-28-48-440-043-A01.

(5) Assemble and install the temperature sensor panel assembly (95) in accordance with SUBTASK 25-28-48-440-035-A01.

(6) Assemble and install the filler panel assemblies (90) in accordance with SUBTASK 25-28-48-440-025-A01.

(7) Assemble and install the filler panel assemblies (85) in accordance with SUBTASK 25-28-48-440-024-A01.

(8) Assemble and install the filler panel assemblies (80) in accordance with SUBTASK 25-28-48-440-024-A01.

(9) Assemble and install the filler panel assembly (75) in accordance with SUBTASK 25-28-48-440-023-A01.

(10) Assemble and install the filler panel assembly (70) in accordance with SUBTASK 25-28-48-440-023-A01.

(11) Assemble and install the filler panel assemblies (65) in accordance with SUBTASK 25-28-48-440-022-A01.

(12) Assemble and install the right-hand speaker/nsfsb panel assembly (60) in accordance with SUBTASK 25-28-48-440-042-A01.

(13) Assemble and install the left-hand speaker/nsfsb panel assembly (55) in accordance with SUBTASK 25-28-48-440-042-A01.

(14) Assemble and install the right-hand speaker/ nsfsb panel assemblies (50) in accordance with SUBTASK 25-28-48-440-041-A01.

(15) Assemble and install the left-hand speaker/ nsfsb panel assemblies (45) in accordance with SUBTASK 25-28-48-440-041-A01.

(16) Assemble and install the right-hand passenger service unit assemblies (40) in accordance with SUBTASK 25-28-48-440-005-A01.

(17) Assemble and install the left-hand passenger service unit assemblies (35) in accordance with SUBTASK 25-28-48-440-005-A01.

(18) Assemble and install the right-hand passenger service unit assemblies (30) in accordance with SUBTASK 25-28-48-440-005-A01.

(19) Assemble and install the left-hand passenger service unit assemblies (25) in accordance with SUBTASK 25-28-48-440-005-A01.

(20) Assemble and install the plug assemblies (-10) as follows:

(a) Install the plug (-20).

(b) Install the o-ring (-15).

(21) Install the o-rings (-5).

SUBTASK 25-28-48-440-011-A01
O. Wire Harness Assembly - Deleted (IPL Figure 2)

(1) Deleted IPL.

SUBTASK 25-28-48-440-012-A01
P. Left-Hand Oxygen Box Assembly (IPL Figure 3)

(1) Assemble the door / face panel assembly (165 or -165A) in accordance with SUBTASK 25-28-48-440-014-A01. Install the door / face panel assembly (165 or -165A) with screws (170) and washers (175).

(2) Install the passenger oxygen masks (-160).

(3) Install the passenger oxygen masks (155).

(4) Install the mask deployment blanket assembly (150).

(5) Install the oxygen box assembly (147).

(6) Install the oxygen box (-145).

(7) Install the heat shield (-140).

(8) Install the heat shield (135).

(9) Install the bracket (-120) with rivets (-125A) and washers (-130).

(10) Install the lanyard tube (105) with rivets (-110), washers (-115), rivets (-117), and washers (118).

(11) Install the grommet (100).

(12) Install the oxygen generator (-95 or -95A).

(13) Install the oxygen generator (-90, -90A, or 90B).

(14) Install the 3 man bracket assembly (-65) with screws (-70), screws (-72), washers (-75), washers (-80), nuts (-85), screws (87), and washers (89).

(15) Install the 2 man bracket assembly (-63).

(16) Install the 2 man bracket assembly (60).

(17) Refer to REPAIR section to replace the bonded placard (-55).

(18) Install the cable tie (50).

(19) Refer to REPAIR section to replace the bonded cable tie mounts (-45 or 45A).

(20) Install the oxygen door latch (-20 or 20A) with screws (-25 or 25A), washers (-30 or 30A), washers (-35, 35A, or -35B), and nuts (-40 or 40A).

SUBTASK 25-28-48-440-013-A01

Q. Left-Hand Oxygen Box Assembly (IPL Figure 3A)

(1) Assemble the door / face panel assembly (155 or -155A) in accordance with SUBTASK 25-28-48-440-014-A01. Install the door / face panel assembly (155 or -155A) with screws (160) and washers (165).

(2) Assemble and install the door / face panel assembly (150 or -150A) in accordance with SUBTASK 25-28-48-440-014-A01.

(3) Install the passenger oxygen masks (145).

(4) Install the mask deployment blanket assembly (140).

(5) Install the oxygen box or oxygen box assembly (-135 or 135A).

(6) Install the heat shield (130 or -130A).

(7) Install the bracket (-115) with rivets (-120A) and washers (-125).

(8) Install the lanyard tube (100) with rivets (-105 or -105A) and washers (110).

(9) Install the grommet (95).

(10) Install the oxygen generator (-92 or -92A).

(11) Install the oxygen generator (90).

(12) Install the 3 man bracket assembly (65) with screws (-70), washers (-75), washers (-80), nuts (-85), screws (87), and washers (89).

(13) Install the 3 man bracket assembly (60).

(14) Refer to REPAIR section to replace the bonded placard (-55).

(15) Install the cable tie (50).

(16) Refer to REPAIR section to replace the bonded cable tie mounts (-45 or 45A).

(17) Install the oxygen door latch (-20 or 20A) with screws (-25 or 25A), washers (-30 or 30A), washers (-35, 35A, or -35B), and nuts (-40 or 40A).

SUBTASK 25-28-48-440-014-A01

R. Door/Face Panel Assembly (IPL Figure 4)

(1) Assemble and install the oxygen face panel assembly (-107) as follows:

(a) Install the oxygen face panel (120A).

(2) Assemble and install the door assemblies (-90 and -95) as follows:

(a) Install the oxygen mask door panels (92 and -103).

(3) Refer to REPAIR section to replace the bonded hook nylon tape (-85).

(4) Install the detail hinges (80).

(5) Install the torsion springs (75A and 70).

(6) Install the hinge pins (65).

(7) Refer to REPAIR section to replace the bonded seal (60).

(8) Install the latch assembly (55).

(9) Install the latch pin (50).

(10) Assemble the bracket assembly (-35) as follows:

(a) Install the bracket (48).

(b) Install the studs (-47A).

(11) Install the bracket assembly (-35) with screws (40) and washers (45A).

(12) Install the washers (30A), nuts (25), and oxygen door latch (20).

(13) Refer to REPAIR section to replace the bonded placards (10 and 15).

SUBTASK 25-28-48-440-015-A01
S. Speaker/NS/FSB Panel Assembly (IPL Figure 5)

(1) Assemble and install the panel assembly (240 or -240A) as follows:

(a) Install the panel (-255 or -255A).

(2) Refer to REPAIR section to replace the bonded pads (235) or bumpers (-235A).

(3) Refer to REPAIR section to replace the bonded pads (230) or bumpers (-230A).

(4) Install the latches (225) or passenger service unit latch catches (-225A).

(5) Install the torsion springs (220).

(6) Install the passenger service unit latch pins (215) or pins (-215A).

(7) Install the retaining rings (210).

(8) Assemble and install the NS/FSB sign assembly (190) as follows:

(a) Install the housing assembly (205).

(b) Install the PCB assembly (200).

(c) Refer to REPAIR section to replace the bonded lens (195).

(9) Refer to REPAIR section to replace the bonded placard (185 or -185A).

(10) Install the speed nut (180 or -180A).

(11) Install the speaker grill (175).

(12) Install the speaker cloth (170).

(13) Install the closeout foam (165).

(14) Install the bracket assembly (145 or -145B) or bracket (-145A or -145C) with screws (155) and washers (160).

(15) Install the speaker (130 or -130A) with nuts (135A), washers (140), and washers (142).

(16) Refer to REPAIR section to replace the bonded placard (125 or -125A).

(17) Refer to REPAIR section to replace the bonded cable tie mount (105). Install the cable tie mount (105) with screw (110), washers (115), and nut (120).

(18) Install the bracket (95, -95A, -95B, or -95C).

(19) Refer to REPAIR section to replace the bonded cable tie mount (90).

(20) Install the washer (85).

(21) Install the screw (80).

(22) Assemble and install the lanyard assembly (-60) as follows:

(a) Install the dacron rope lanyards (75A).

(b) Install the split ring (70).

(c) Install the oval sleeves (65A).

(23) Assemble and install the wire harness assembly (-35 or -35A) as follows:

(a) Install the terminal links (-55).

(b) Install the receptacles (-50).

(c) Install the receptacle connector (-45A).

(24) Install the cable ties (30).

(25) Install the nuts (25).

(26) Install the washers (20A).

(27) Install the screws (15A).

(28) Refer to REPAIR section to replace the bonded speaker insulation assembly (10 or -10A).

SUBTASK 25-28-48-440-016-A01
T. Speaker/NS/FSB Panel Assembly (IPL Figure 5A)

(1) Assemble and install the panel assembly (210 or -210A) as follows:

(a) Install the panel (-225 or -225A).

(2) Refer to REPAIR section to replace the bonded pads (205) or bumpers (-205A).

(3) Refer to REPAIR section to replace the bonded pads (200) or bumpers (-200A).

(4) Install the latches (195) or passenger service unit latch catches (-195A).

(5) Install the torsion springs (190).

(6) Install the passenger service unit latch pins (185) or pins (-185A).

(7) Install the retaining rings (180).

(8) Assemble and install the NS/FSB sign assembly (160) as follows:

(a) Install the housing assembly (175).

(b) Install the PCB assembly (170).

(c) Refer to REPAIR section to replace the bonded lens (165).

(9) Refer to REPAIR section to replace the bonded placard (155 or -155A).

(10) Install the speed nut (150 or -150A).

(11) Install the speaker grill (145).

(12) Install the speaker cloth (140).

(13) Install the closeout foam (135).

(14) Install the bracket assembly (115 or -115B) or bracket (-115A or -115C) with screws (125) and washers (130).

(15) Refer to REPAIR section to replace the bonded cable tie mount (95). Install the cable tie mount (95) with screw (100), washers (105), and nut (110).

(16) Install the bracket (85, -85A, -85B, or -85C).

(17) Refer to REPAIR section to replace the bonded cable tie mount (80).

(18) Install the washer (75).

(19) Install the screw (70).

(20) Assemble and install the lanyard assembly (-50) as follows:

(a) Install the dacron rope lanyards (65A).

(b) Install the split ring (60).

(c) Install the oval sleeves (55A).

(21) Assemble and install the wire harness assembly (-30 or -30A) as follows:

(a) Install the terminal links (-45).

(b) Install the receptacle connector (-40A).

(22) Install the cable ties (25).

(23) Install the nuts (20).

(24) Install the washers (15A).

(25) Install the screws (10A).

SUBTASK 25-28-48-440-017-A01

U. Speaker/NS/FSB Panel Assembly (IPL Figure 5B)

(1) Assemble and install the panel assembly (205 or -205A) as follows:

(a) Install the panel (-217 or -217A).

(2) Refer to REPAIR section to replace the bonded placard (200).

(3) Refer to REPAIR section to replace the bonded pads (195) or bumpers (-195A).

(4) Refer to REPAIR section to replace the bonded pads (190) or bumpers (-190A).

(5) Install the latches (185) or passenger service unit latch catches (-185A).

(6) Install the torsion springs (180).

(7) Install the passenger service unit latch pins (175) or pins (-175A).

(8) Install the retaining rings (170).

(9) Assemble and install the NS/FSB sign assembly (150) as follows:

(a) Install the housing assembly (165).

(b) Install the PCB assembly (160).

(c) Refer to REPAIR section to replace the bonded lens (155).

(10) Install the speed nut (145 or -145A).

(11) Install the speaker grill (140).

(12) Install the speaker cloth (135).

(13) Install the closeout foam (130).

(14) Install the bracket assembly (110 or -110C) or bracket (-110B or -110D) with screws (120) and washers (125).

(15) Install the speaker (95 or -95A) with nuts (100A), washers (105), and washers (107).

(16) Refer to REPAIR section to replace the bonded placard (90 or -90A).

(17) Install the bracket (70, -70A, -70B, or -70C) with screw (80A) and washer (85).

(18) Assemble and install the lanyard assembly (-50) as follows:

(a) Install the dacron rope lanyards (65A).

(b) Install the split ring (60).

(c) Install the oval sleeves (55A).

(19) Assemble and install the wire harness assembly (-30 or -30A) as follows:

(a) Install the receptacles (-45).

(b) Install the receptacle connector (-40A).

(20) Install the nuts (25).

(21) Install the washers (20A).

(22) Install the screws (15A).

(23) Refer to REPAIR section to replace the bonded speaker insulation assembly (10 or -10A).

SUBTASK 25-28-48-440-018-A01

V. Speaker/NS/FSB Panel Assembly (IPL Figure 5C)

(1) Assemble and install the panel assembly (170 or -170A) as follows:

(a) Install the panel (-185 or -185A).

(2) Refer to REPAIR section to replace the bonded placard (-168).

(3) Install the anti-rattle pads (165A).

(4) Install the passenger service unit latch catches (160).

(5) Install the torsion springs (155).

(6) Install the pins (150).

(7) Assemble and install the NS/FSB sign assembly (130), EDFSB sign assembly (-130A), or Wi-Fi/NS/FSB sign assembly (-130B) as follows:

(a) Install the housing assembly (145, -145A, or -145B).

(b) Refer to REPAIR section to replace the bonded bumper (-143).

(c) Install the PCB assembly (140, -140A, or -140B).

(d) Refer to REPAIR section to replace the bonded lens (135, -135A, or -135B).

(8) Install the speed nut (125, -125A, or -125B).

(9) Install the speaker grill (120 or -120A).

(10) Install the speaker cloth (115).

(11) Install the closeout foam (110).

(12) Install the bracket (90 or -90A) with screws (100) and washers (105).

(13) Install the speaker (75 or -75A) with snap rivets (-85).

(14) Assemble and install the lanyard assembly (-55 or -55A) as follows:

(a) Install the dacron rope lanyards (70A).

(b) Install the split ring (65) or spring snap (-65A).

(c) Install the oval sleeves (60A or -60B).

(15) Assemble and install the wire harness assembly (-30, -30A, -30B, -30C, -30D, or -30E) as follows:

(a) Install the terminal links (-50).

(b) Install the receptacles (-45).

(c) Install the receptacle connector (-40A).

(16) Install the cable ties (-25).

(17) Install the connector pad (20).

(18) Install the snap rivets (-15).

(19) Refer to REPAIR section to replace the bonded speaker insulation assembly (10A).

SUBTASK 25-28-48-440-019-A01

W. Speaker/NS/FSB Panel Assembly (IPL Figure 5D)

(1) Assemble and install the panel assembly (145 or -145A) as follows:

(a) Install the panel (-160 or -160A).

(2) Install the anti-rattle pads (140A).

(3) Install the passenger service unit latch catches (135).

(4) Install the torsion springs (130).

(5) Install the pins (125).

(6) Assemble and install the NS/FSB sign assembly (105) or EDFSB sign assembly (-105A) as follows:

(a) Install the housing assembly (120 or -120A).

(b) Install the PCB assembly (115 or -115A).

(c) Refer to REPAIR section to replace the bonded lens (110 or -110A).

(7) Install the speed nut (100 or -100A).

(8) Install the speaker grill (95).

(9) Install the speaker cloth (90).

(10) Install the closeout foam (85).

(11) Install the bracket (65 or -65A) with screws (75) and washers (80).

(12) Assemble and install the lanyard assembly (-45) as follows:

(a) Install the dacron rope lanyards (60A).

(b) Install the split ring (55).

(c) Install the oval sleeves (50A).

(13) Assemble and install the wire harness assembly (-25 or -25A) as follows:

(a) Install the connector (-35).

(14) Install the cable ties (-20).

(15) Install the connector pad (15).

(16) Install the snap rivets (-10).

SUBTASK 25-28-48-440-020-A01
X. Speaker/NS/FSB Panel Assembly (IPL Figure 5E)

(1) Assemble and install the panel assembly (160 or -160A) as follows:

(a) Install the panel (-172 or -172A).

(2) Refer to REPAIR section to replace the bonded placard (158).

(3) Install the anti-rattle pads (155A).

(4) Install the passenger service unit latch catches (150).

(5) Install the torsion springs (145).

(6) Install the pins (140).

(7) Assemble and install the NS/FSB sign assembly (120) or EDFSB sign assembly (-120A) as follows:

(a) Install the housing assembly (135 or -135A).

(b) Install the PCB assembly (130 or -130A).

(c) Refer to REPAIR section to replace the bonded lens (125 or -125A).

(8) Install the speed nut (115 or -115A).

(9) Install the speaker grill (110).

(10) Install the speaker cloth (105).

(11) Install the closeout foam (100).

(12) Install the bracket (80 or -80A) with screws (90) and washers (95).

(13) Install the speaker (65 or -65A) with snap rivets (-75).

(14) Assemble and install the lanyard assembly (-45) as follows:

(a) Install the dacron rope lanyards (60A).

(b) Install the split ring (55).

(c) Install the oval sleeves (50A).

(15) Assemble and install the wire harness assembly (-25 or -25A) as follows:

(a) Install the receptacles (-40).

(b) Install the receptacle connector (-35A).

(16) Install the connector pad (20).

(17) Install the snap rivets (-15).

(18) Refer to REPAIR section to replace the bonded speaker insulation assembly (10A).

SUBTASK 25-28-48-440-021-A01

Y. Speaker/NS/FSB Panel Assembly (IPL Figure 5F)

(1) Assemble and install the panel assembly (155 or -155A) as follows:

(a) Install the panel (-165 or -165A).

(2) Refer to REPAIR section to replace the bonded placard (150).

(3) Install the anti-rattle pads (145).

(4) Assemble and install the nsfsb sign assembly (-125 or -125A) as follows:

(a) Install the housing assembly (140 or -140A).

(b) Install the printed circuit board assembly (135 or -135A).

(c) Refer to REPAIR section to replace the bonded lens (130 or -130A).

(5) Install the cable ties (120).

(6) Install the torsion springs (115).

(7) Install the pins (110).

(8) Install the passenger service unit latch catches (105).

(9) Install the speed nut (100).

(10) Install the speaker grill (95).

(11) Install the speaker cloth (90).

(12) Install the closeout foam (85).

(13) Install the bracket (65 or -65A).

(14) Install the speaker (55) with snap rivets (-60).

(15) Assemble and install the lanyard assembly (-35) as follows:

(a) Install the dacron rope lanyard (50A).

(b) Install the spring snap (45).

(c) Install the oval sleeves (40).

(16) Assemble and install the wire harness assembly (-20, -20A, -20B, -20C, -20D, or -20E) as follows:

(a) Install the receptacles (-30).

(b) Install the receptacle connector (-25A).

(17) Install the connector pad (15).

(18) Install the snap rivets (-10).

(19) Refer to REPAIR section to replace the bonded speaker insulation assembly (5).

SUBTASK 25-28-48-440-041-A01

Z. Speaker/NS/FSB Panel Assembly (IPL Figure 5G)

(1) Assemble and install the panel assembly (155 or -155A) as follows:

(a) Install the panel (-165 or -165A).

(2) Install the anti-rattle pads (150).

(3) Install the passenger service unit latch catches (145).

(4) Install the torsion springs (140).

(5) Install the pins (135).

(6) Assemble and install the nsfsb sign assembly (110) as follows:

(a) Install the housing assembly (130).

(b) Refer to REPAIR section to replace the bonded rubber bumper (-125).

(c) Install the pcb/backing plate assembly (120).

(d) Refer to REPAIR section to replace the bonded lens (115).

(7) Install the speed nut (105).

(8) Install the speaker grill (100).

(9) Install the speaker cloth (95).

(10) Install the closeout foam (90).

(11) Install the bracket (75 or -75A) with screws (80) and washers (85).

(12) Install the speaker (65) with snap rivets (-70).

(13) Assemble and install the lanyard assembly (-45) as follows:

(a) Install the dacron rope lanyard (60).

(b) Install the spring snap (55).

(c) Install the oval sleeves (50).

(14) Assemble and install the wire harness assembly (-25 or -25A) as follows:

(a) Install the terminal links (-40).

(b) Install the receptacles (-35).

(c) Install the receptacle connector (-30).

(15) Install the cable ties (20).

(16) Install the connector pad (15).

(17) Install the snap rivets (-10).

(18) Refer to REPAIR section to replace the bonded speaker insulation assembly (5).

SUBTASK 25-28-48-440-042-A01
AA. Speaker/NS/FSB Panel Assembly (IPL Figure 5H)

(1) Assemble and install the panel assembly (135 or -135A) as follows:

(a) Install the panel (-145 or -145A).

(2) Refer to REPAIR section to replace the bonded pads (130).

(3) Install the passenger service unit latch catches (125).

(4) Install the torsion springs (120).

(5) Install the pins (115).

(6) Assemble and install the sign assembly (90) as follows:

(a) Install the housing assembly (110).

(b) Refer to REPAIR section to replace the bonded rubber bumper (105).

(c) Install the pcb/backing plate assembly (100).

(d) Refer to REPAIR section to replace the bonded lens (95).

(7) Install the speed nut (85).

(8) Install the speaker grill (80).

(9) Install the speaker cloth (75).

(10) Install the closeout foam (70).

(11) Install the bracket (55 or -55A) with screws (60) and washers (65).

(12) Assemble and install the lanyard assembly (-35) as follows:

(a) Install the dacron rope lanyard (50).

(b) Install the spring snap (45).

(c) Install the oval sleeves (40).

(13) Assemble and install the wire harness assembly (-20 or -20A) as follows:

(a) Install the terminal links (-30).

(b) Install the receptacle connector (-25).

(14) Install the cable ties (15).

(15) Install the gasket (-10).

(16) Install the snap rivets (-5).

SUBTASK 25-28-48-440-022-A01
AB. Filler Panel Assembly (IPL Figure 6)

(1) Install the filler panel assembly (85, -85A, or -85B).

(2) Install the hinge (70, -70A, or -70B) with screws (75A) and washers (80).

(3) Install the foams (-65).

(4) Install the passenger service unit latch housings (55) with screws (60).

(5) Install the torsion springs (50).

(6) Install the passenger service unit latch catches (40) with pins (45).

(7) Install the filler panel (35).

(8) Install the anti-rattle pad (30C).

(9) Install the passenger service unit latch catch (20A).

(10) Install the torsion spring (15).

(11) Install the passenger service unit latch pin (-10) or pin (10A).

(12) Install the retaining rings (-5).

SUBTASK 25-28-48-440-023-A01
AC. Filler Panel Assembly (IPL Figure 6A)

(1) Install the filler panel (30).

(2) Install the anti-rattle pad (25).

(3) Install the seal (20A).

(4) Install the torsion spring (15).

(5) Install the pin (10).

(6) Install the passenger service unit latch catch (5).

SUBTASK 25-28-48-440-024-A01
AD. Filler Panel Assembly (IPL Figure 6B)

(1) Install the filler panels (40 or -40A).

(2) Install the brackets (25 or -25A) with screws (30 or -30A) and washers (35 or -35A).

(3) Install the anti-rattle pads (20B).

(4) Install the passenger service unit latch catches (15).

(5) Install the torsion springs (10).

(6) Install the pins (5).

SUBTASK 25-28-48-440-025-A01
AE. Filler Panel Assembly (IPL Figure 6C)

(1) Install the filler panels (55).

(2) Install the brackets (40) with screws (45A or -45B) and washers (50).

(3) Install the anti-rattle pads (35A or -35B).

(4) Install the passenger service unit latch catches (20A).

(5) Install the torsion springs (15).

(6) Install the pins (10A).

(7) Install the retaining rings (-5).

SUBTASK 25-28-48-440-026-A01
AF. Filler Panel Assembly (IPL Figure 6D)

(1) Install the filler panels (65).

(2) Install the bracket (50) with screws (55) and washers (60).

(3) Install the bracket (35) with screws (40) and washers (45).

(4) Install the cable tie mount (25) with rivet (-30).

(5) Install the anti-rattle pads (20B).

(6) Install the passenger service unit latch catches (15A).

(7) Install the torsion springs (10).

(8) Install the pins (5).

SUBTASK 25-28-48-440-028-A01
AG. Filler Panel Assembly (IPL Figure 7)

(1) Assemble and install the filler panel assembly (-45) as follows:

(a) Refer to REPAIR section to replace the bonded decors (-60A).

(b) Install the filler panel (55).

(2) Install the hinge (35) with screws (40).

(3) Install the foams (30).

(4) Install the torsion springs (25).

(5) Install the passenger service unit latch catches (15) with pins (-20).

(6) Install the passenger service unit latch housings (5) with screws (10).

SUBTASK 25-28-48-440-029-A01
AH. Filler Panel Assembly (IPL Figure 7A)

(1) Refer to REPAIR section to replace the bonded LG bezel (105).

(2) Refer to REPAIR section to replace the bonded SM bezel (100).

(3) Install the hinge filler panel (95).

(4) Install the latch filler panels (90).

(5) Install the bezel trim filler panel (85).

(6) Install the bezel trim filler panel (80).

(7) Install the end filler panel (75).

(8) Install the end filler panel (70).

(9) Install the anti-rattle pad (65).

(10) Install the anti-rattle pads (60).

(11) Install the torsion springs (55).

(12) Install the passenger service unit latch catches (45) with rivets (-50).

(13) Install the bracket (30) with screws (35) and washers (40).

(14) Refer to REPAIR section to replace the bonded cable tie mount (20). Install the cable tie mount (20) with rivet (-25).

(15) Install the bracket (5) with screws (10) and washers (15).

SUBTASK 25-28-48-440-030-A01
AI. Filler Panel Assembly (IPL Figure 8)

(1) Refer to REPAIR section to replace the bonded placard (-120).

(2) Install the light bucket (105) with screws (110) and washers (115).

(3) Assemble and install the filler panel assembly (-90 or -90A) as follows:

(a) Install the filler panel (100).

(4) Install the hinge (80) with screws (85A).

(5) Install the foams (75).

(6) Install the torsion springs (70).

(7) Install the passenger service unit latch catches (60) with pins (65).

(8) Install the passenger service unit latch housings (50) with screws (55).

(9) Assemble the bracket assemblies (-20) as follows:

(a) Install the bracket (45).

(b) Install the bracket (35) with rivets (-40).

(10) Install the bracket assemblies (-20) with screws (25) and washers (30).

(11) Assemble and install the switch assemblies (-5) as follows:

(a) Install the reading lamp switch (15A).

(b) Install the reading light button (10).

(12) Install the components of the passenger service unit panel electrical installation (-4) in accordance with SUBTASK 25-28-48-440-034-A01.

(13) Install the components of the passenger service unit panel electrical installation (3) in accordance with SUBTASK 25-28-48-440-034-A01.

SUBTASK 25-28-48-440-031-A01
AJ. Air Hose Assembly (IPL Figure 9)

(1) Install the air hose (25).

(2) Assemble and install the male connector assemblies (-10) as follows:

(a) Install the male connector (20).

(b) Install the O-ring (15).

(3) Install the cable ties (5).

SUBTASK 25-28-48-440-033-A01
AK. Forward Load Clamp Assembly (IPL Figure 10)

(1) Install the load block (40 or -40A).

(2) Install the lower clamp block (35, -35A, or -35B).

(3) Install the upper clamp block (30, -30A, or -30B).

(4) Install the nut (25).

(5) Install the washer (20).

(6) Assemble and install the stud plate assembly (-5) as follows:

(a) Install the stud (15).

(b) Install the stud plate (10).

SUBTASK 25-28-48-440-034-A01
AL. Passenger Service Unit Panel Electrical Installation (IPL Figure 11)

(1) Install the wire harness assembly (-95 or -95A).

(2) Install the corregated tubing (90).

(3) Install the rack card guide (-87) or circuit board assembly (87A).

(4) Refer to REPAIR section to replace the bonded cable tie mounts (85).

(5) Install the rivets (84).

(6) Install the rivets (83).

(7) Install the washers (82).

(8) Install the washers (81).

(9) Refer to REPAIR section to replace the bonded cable tie mounts (80).

(10) Install the cable ties (75).

(11) Install the brackets (71) with screws (72) and washers (73).

(12) Refer to REPAIR section to replace the bonded cable tie mounts (70).

(13) Install the cable ties (65).

(14) Install the connector bracket (35) with screws (40), screws (45), washers (50), washers (55), and lock nuts (60).

(15) Assemble and install the spacers (20A) as follows:

(a) Install the cabin emergency light (30).

(b) Install the lamp (25).

(16) Install the table lamp assembly (-5 or -5A) with screws (10) and washers (15).

SUBTASK 25-28-48-440-035-A01
AM. Temperature Sensor Panel Assembly (IPL Figure 12)

(1) Refer to REPAIR section to replace the bonded part A temperature sensor panel (105).

(2) Refer to REPAIR section to replace the bonded part B temperature sensor panel (100).

(3) Refer to REPAIR section to replace the bonded inboard temperature sensor panel (95).

(4) Refer to REPAIR section to replace the bonded outboard temperature sensor panel (90).

(5) Install the air grill assembly (85).

(6) Install the anti-rattle pads (80).

(7) Install the torsion springs (75A).

(8) Install the passenger service unit latch catches (65) with rivets (-70A).

(9) Install the seal foam (60).

(10) Install the temperature sensor (50) with screws (55).

(11) Assemble and install the lanyard assembly (-30) as follows:

(a) Install the dacron rope lanyard (45A).

(b) Install the spring snap (40).

(c) Install the oval sleeves (35).

(12) Install the spacers (25).

(13) Install the support bracket (5) with nuts (10), washers (15A), screws (20), and screws (21).

SUBTASK 25-28-48-440-036-A01
AN. Class Divider Filler Panel Assembly (IPL Figure 13)

(1) Install the class divider panel (30 or -30A).

(2) Install the anti-rattle pad (25).

(3) Refer to REPAIR section to replace the bonded grommet (20).

(4) Install the torsion spring (15).

(5) Install the passenger service unit latch catch (5) with rivet (-10).

SUBTASK 25-28-48-440-043-A01
AO. Class Divider Filler Panel Assembly (IPL Figure 13A)

(1) Install the class divider panel (30, -30A, -30B, or -30C).

(2) Install the anti-rattle pad (25).

(3) Refer to REPAIR section to replace the bonded grommet (20).

(4) Install the torsion spring (15).

(5) Install the passenger service unit latch catch (5) with rivet (-10).

SUBTASK 25-28-48-440-044-A01
AP. Passenger Service Unit Installation (IPL Figure 14)

(1) Install the o-rings (-100).

(2) Install the plug connectors (-95).

(3) Assemble and install the oxy/light gasper assemblies (90) in accordance with SUBTASK 25-28-48-440-045-A01.

(4) Assemble and install the right-hand speaker/nsfsb panel assembly (85) in accordance with SUBTASK 25-28-48-440-021-A01.

(5) Assemble and install the left-hand speaker/nsfsb panel assembly (80) in accordance with SUBTASK 25-28-48-440-021-A01.

(6) Assemble and install the class divider filler panel assemblies (75) in accordance with SUBTASK 25-28-48-440-036-A01.

(7) Assemble and install the class divider filler panel assemblies (70) in accordance with SUBTASK 25-28-48-440-036-A01.

(8) Assemble and install the filler panel assemblies (65) in accordance with SUBTASK 25-28-48-440-023-A01.

(9) Assemble and install the filler panel assemblies (60) in accordance with SUBTASK 25-28-48-440-023-A01.

(10) Assemble and install the temperature sensor panel assemblies (55) in accordance with SUBTASK 25-28-48-440-035-A01.

(11) Assemble and install the filler panel assemblies (50) in accordance with SUBTASK 25-28-48-440-025-A01.

(12) Assemble and install the filler panel assemblies (45) in accordance with SUBTASK 25-28-48-440-024-A01.

(13) Assemble and install the filler panel assemblies (40) in accordance with SUBTASK 25-28-48-440-024-A01.

(14) Assemble and install the filler panel assemblies (35) in accordance with SUBTASK 25-28-48-440-022-A01.

(15) Assemble and install the right-hand passenger service unit assemblies (30) in accordance with SUBTASK 25-28-48-440-005-A01.

(16) Assemble and install the left-hand passenger service unit assemblies (25) in accordance with SUBTASK 25-28-48-440-005-A01.

(17) Assemble and install the left-hand speaker/nsfsb panel assemblies (20) in accordance with SUBTASK 25-28-48-440-021-A01.

(18) Assemble and install the left-hand speaker/nsfsb panel assemblies (15) in accordance with SUBTASK 25-28-48-440-021-A01.

(19) Assemble and install the left-hand speaker/nsfsb panel assembly (10) in accordance with SUBTASK 25-28-48-440-021-A01.

(20) Assemble and install the left-hand speaker/nsfsb panel assembly (5) in accordance with SUBTASK 25-28-48-440-021-A01.

SUBTASK 25-28-48-440-045-A01
AQ. Oxygen Light Gasper Panel Assembly(IPL Figure 15)

(1) Assemble and install the nut (-340) as follows:

(a) Install the 22-awg wire (360).

(b) Install the printed circuit board artwork (355).

(c) Install the key switches (350).

(d) Install the socket contacts (345).

(2) Install the attendant call switch assembly (-335).

(3) Assemble and install the reading light switch cap assembly (320) as follows:

(a) Install the light switch cap (330).

(b) Install the rocker (325).

(4) Install the rocker (315).

(5) Assemble and install the switch printed circuit board assembly (290) as follows:

(a) Install the 22-awg wire (310).

(b) Install the printed circuit board artwork (305).

(c) Install the key switches (300).

(d) Install the socket contacts (295).

(6) Install the tie-mount (275) with screw (280) and washer (285).

(7) Install the air outlets (270).

(8) Install the reading light (265).

(9) Install the anti-rattle pads (260).

(10) Install the torsion springs (255).

(11) Install the rivets (-250).

(12) Install the passenger service unit latch catches (245).

(13) Install the screws (225) with washers (230), screws (235), and washers (240).

(14) Assemble and install the gasper panel assembly (210) as follows:

(a) Install the oxygen/light/ gasper air panel (220).

(15) Assemble and install the lanyard assembly (190) as follows:

(a) Install the polyester rope lanyard (205).

(b) Install the spring snap (200).

(c) Install the oval sleeves (195).

(16) Assemble and install the attendant call light assembly (-165) as follows:

(a) Install the label (-185).

(b) Install the cable tie (180).

(c) Install the attendant led (175).

(d) Install the receptacles (170).

(17) Install the receptacle housing (-160).

(18) Install the snap rivet grommets (-155).

(19) Install the snap rivet plungers (-150).

(20) Install the printed circuit board spacers (145).

(21) Install the right-hand printed circuit board (140).

(22) Install the spacer washer (135).

(23) Install the retaining ring (130).

(24) Install the printed circuit board (rh) bracket (125).

(25) Install the light gasper bucket (100) with screws (105), washers (110), screws (115), and washers (120).

(26) Install the reading light (95).

(27) Install the tie-mount (90).

(28) Install the plenum cap (85).

(29) Install the plenum cap clamp (80).

(30) Install the tie-mount (75).

(31) Install the elect bracket (60) with screws (65) and washers (70).

(32) Install the cable tie (55).

(33) Assemble and install the air right-hand hose (25) as follows:

(a) Install the air hose (50).

(b) Assemble and install the male connector assembly (-35) as follows:

1 Install the o-ring (45).

2 Install the o-ring (40).

(c) Install the cable tie (30).

(34) Install the snap rivets (-20).

(35) Install the foam pad (-15).

(36) Refer to REPAIR section to replace the bonded cable tie mount (10).

(37) Install the passenger service unit wire harness assembly (5).

SUBTASK 25-28-48-440-046-A01
AR. Passenger Service Unit Installation (IPL Figure 16)

(1) Install the o-rings (-95).

(2) Install the plug connectors (-90).

(3) Assemble and install the oxy/light gasper assemblies (90) in accordance with SUBTASK 25-28-48-440-045-A01.

(4) Assemble and install the right-hand speaker/nsfsb panel assembly (85) in accordance with SUBTASK 25-28-48-440-021-A01.

(5) Assemble and install the left-hand speaker/nsfsb panel assembly (80) in accordance with SUBTASK 25-28-48-440-021-A01.

(6) Assemble and install the class divider filler panel assemblies (75) in accordance with SUBTASK 25-28-48-440-036-A01.

(7) Assemble and install the class divider filler panel assemblies (70) in accordance with SUBTASK 25-28-48-440-036-A01.

(8) Assemble and install the filler panel assemblies (65) in accordance with SUBTASK 25-28-48-440-023-A01.

(9) Assemble and install the filler panel assemblies (60) in accordance with SUBTASK 25-28-48-440-023-A01.

(10) Assemble and install the temperature sensor panel assemblies (55) in accordance with SUBTASK 25-28-48-440-035-A01.

(11) Assemble and install the filler panel assemblies (50) in accordance with SUBTASK 25-28-48-440-025-A01.

(12) Assemble and install the filler panel assemblies (45) in accordance with SUBTASK 25-28-48-440-024-A01.

(13) Assemble and install the filler panel assemblies (40) in accordance with SUBTASK 25-28-48-440-024-A01.

(14) Assemble and install the filler panel assemblies (35) in accordance with SUBTASK 25-28-48-440-022-A01.

(15) Assemble and install the right-hand passenger service unit assemblies (30) in accordance with SUBTASK 25-28-48-440-005-A01.

(16) Assemble and install the left-hand passenger service unit assemblies (25) in accordance with SUBTASK 25-28-48-440-005-A01.

(17) Assemble and install the left-hand speaker/nsfsb panel assemblies (20) in accordance with SUBTASK 25-28-48-440-021-A01.

(18) Assemble and install the left-hand speaker/nsfsb panel assemblies (15) in accordance with SUBTASK 25-28-48-440-021-A01.

(19) Assemble and install the left-hand speaker/nsfsb panel assembly (10) in accordance with SUBTASK 25-28-48-440-021-A01.

(20) Assemble and install the left-hand speaker/nsfsb panel assembly (5) in accordance with SUBTASK 25-28-48-440-021-A01.

TASK 25-28-48-99F-813-A01

1. General

The recommended special tools, fixtures, and test equipment for the Passenger Service Unit (PSU) are given in Table 9001. The recommended consumables for the PSU are given in Table 9002.

NOTE: Equivalent items can be used.

Special Tools, Fixtures, and Equipment
Table 9001/TABLE 25-28-48-94B-001-A01

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Digital Multimeter	Model 8060A (or Equivalent) Model 45 (or Equivalent)	Fluke Corp. (V89536) Fluke Corp. (V89536)	Testing and Fault Isolation.
0-30VDC Power Supply	300W Power (minimum)	Commercially Available	Testing and Fault Isolation.
115VAC, 400Hz Power Supply	Minimun of 4A of load current supply capability.	Commercially Available	Testing and Fault Isolation.
28VDC Power Supply	Minimun of 5A of load current supply capability.	Commercially Available	Testing and Fault Isolation.
6VDC Power Supply	Minimun of 1A of load current supply capability or equivalent.	Commercially Available	Testing and Fault Isolation.
Function Generator, Sweep	Model 3022 (or Equivalent)	B&K Precision Corp. (V08098)	Testing and Fault Isolation.
Audio Amplifier	Model SA-155 (or Equivalent)	Radioshack Corp. (V62676)	Testing and Fault Isolation.
Test Box	PN 7397002	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
Test Box	PN 9320002	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
PSU Test Harness	PN C670725T	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
Test Wire Harness	PN 3867150-501	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
Test Wire Harness Adaptor	PN 9327650-501	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
Guide Tool	SLT 600G**	Shur-Lok Co. (V97393)	To install potted inserts.
Protective eyewear or safety goggles	N/A	Commercially Available	Cleaning.

Special Tools, Fixtures, and Equipment
Table 9001/TABLE 25-28-48-94B-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Plastic Blade Scraper or Spatula	N/A	Commercially Available	Cleaning.
Vacuum	N/A	Commercially Available	Cleaning / Repair.
Sealant Gun, Pneumatic	Model 250	PRC - Desoto International Inc. (PPG Aerospace) (V5HCF1)	Repair.
Putty Knife	N/A	Commercially Available	Repair.
Razor Blade	N/A	Commercially Available	Repair.
Pliers or Router	N/A	Commercially Available	Repair.
Heat Gun	HL1920E or similar	TE Connectivity Corp. (V06090)	Repair.
Pneumatic Wrench	N/A	Commercially Available	Repair.
Soldering Iron	N/A	Commercially Available	Repair.
Pressure Spray Gun (JGA-502 Gun)	#FX tip and needle #765 air cap (or equivalent)	DeVilbiss Co. (ITW Inc.) (V0GAZ6)	Repair.
Siphon Cup Gun (JGA-502 Cup)	#FX tip and needle #765 air cap (or equivalent)	DeVilbiss Co. (ITW Inc.) (V0GAZ6)	Repair.

*** Refer to the IPL, paragraph 6, for the address.**

**** Add the insert tab number to the guide-tool part number. Example: The Insert tab-number T2 will use guide-tool part number SLT 600G2. This tool is optional. The repair facilities must consult with the insert manufacturer and sales representative on the available shop aids to make the insert repair faster and easier. These shop aids are not necessary, but they help those operators with no or little experience in insert installation.**

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Apron	N/A	Commercially Available	Cleaning.
Cotton Cloths (lint-free) (clean and dry)	N/A	Commercially Available	Cleaning.
Rubber Gloves or Latex	N/A	Commercially Available	Cleaning.
Soft-bristled	NSN 0038	Industries For The Blind and Visually Impaired Inc. (V9U362)	Cleaning.

*** Refer to the IPL, paragraph 6, for the address.**

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Solvent, cleaning Adhesive removal	Acetone CAS No. 67-64-1	Commercially Available	Cleaning.
	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261) (metal parts only)	Commercially Available	
	BRULIN 815MX	Brulin Holding Co. Inc. (V94058)	
	CALLA 301-A LEMON	Andpak Ema Inc. (V68491)	
General overall surface cleaning (including decor) (Mild Detergents)	Mild household detergent	Commercially Available	Cleaning.
	BRULIN 815MX	Brulin Holding Co. Inc. (V94058)	
	CALLA 301-A LEMON	Andpak Ema Inc. (V68491)	
Metal cleaning	Solvent, Federal Specification P-D-680, Type III	Optional	Cleaning.
	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261) (metal parts only)	Commercially Available	
	BRULIN 815MX	Brulin Holding Co. Inc. (V94058)	
	CALLA 301-A LEMON	Andpak Ema Inc. (V68491)	
	Sodium Bicarbonate NaHCO3 CAS No. 144-55-8	Commercially Available	
Metal Preservation, Corrosion Inhibitors/Cleaners	VCI-416 Cleaner Corrosion Inhibitor	Cortec Corp. (V44695)	Cleaning.
*** Refer to the IPL, paragraph 6, for the address.**			

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Metal Preservation, Corrosion Inhibitors/Cleaners	Corwipe 300	Cortec Corp. (V44695)	Cleaning.
Sponges (clean and dry)	Non-Scratch Scrub Sponge (Scotch-Brite)	3M Company (V04963)	Cleaning.
Spray bottles	N/A	Commercially Available	Cleaning.
Solvents - outside surfaces	Isopropyl Alcohol CAS No. 67-63-0 Acetone CAS No. 67-64-1	Commercially Available Commercially Available	Cleaning.
Cloth, Milled Glass Fibers	MIL-C-9084, Hammer Milled 0.03125 in (0.0793 cm) length or less	Commercially Available	Repair.
Polyester tapes, used for multipurpose lay-up at 400°F (202°C). Silicone or rubber based	Flashbreaker™ Polyester Pressure-Sensitive Adhesive and Release Tape	Airtech International Inc. (Airtech Advanced Materials Group) (V53912)	Repair.
Polyester tapes, used for multipurpose lay-up	Flashbreaker™ Pressure-Sensitive Adhesive Masking and Release Tape	Airtech International Inc. (Airtech Advanced Materials Group) (V53912)	Repair.
Conformal Coating, Brush Application	Military Spec MIL-I-46058, Class C or Humiseal 1A33	Commercially Available or Chase Corp. (V99109)	Repair.
Abrasive-Cloth, Aluminum-Oxide, Medium-Grit	Federal Specification P-C-451	Commercially Available	Repair.
Cloth, Milled Glass Fibers	MIL-C-9084, Hammer Milled 0.03125 in (0.0793 cm) length or less	Commercially Available	Repair.
Scotch-Brite Pad	Aircraft Cleaning Pad Ultra Fine Hand Pad 7448	3M Company (V04963) 3M Company (V04963)	Repair.
*** Refer to the IPL, paragraph 6, for the address.**			

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Sandpaper	100-400 grit 120-240 grit 180-220 grit 200-400 grit 400-600 grit	Commercially Available	Repair.
Sanding Pad	320 grit	Commercially Available	Repair.
Adhesives:			Repair.
Decor Bonding adhesive	Scotch-Weld™ #30 (Formerly Fast-Bond™ #30) Scotch-Weld™ #30 NF (Formerly Fast-Bond™ #30-NF)	3M Company (V04963)	
Edge Wrap	Aerobond 1801	Aerocell Corp. (V1SX35)	
	Aquabind	Alternative Materials Tech Inc. (Akzo Nobel Coatings) (V0ZXD0)	
Sealant/Adhesive (stainless steel)	DEVCON Aluminum Filled Epoxy Per MMM-A-132 Type I or equivalent	ITW Polymers Adhesives NA (V0RZG3)	
	Henkel Loctite EA 9394 Adhesive or equivalent	Henkel Corp. (V1N6B3)	
Adhesives	Epibond 1210-A (Resin) 9615-B (Hardener) Epibond 1559-1 A/B Epocast 1618 D/B Epocast 1628 A/B	Huntsman Advanced Materials GmbH (V1532N)	Repair.
	L-301 A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)	
	Versilok 506 Accelerator #4	Cytec Industries Inc. (Solvay Group) (V0V7G8)	
	Scotch-Weld™ #5 (Formerly Scotch-Grip #5)	3M Company (V04963)	
	DP420 DP190 EC-3524	3M Company (V04963)	

*** Refer to the IPL, paragraph 6, for the address.**

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Fill and Fair Compounds, Polyester Based	Akemi #7 Standard Filler	AXSON North America Inc. (Sika Advanced Resins) (V3VPY6)	Repair.
	Akemi #4 Faster Version	AXSON North America Inc. (Sika Advanced Resins) (V3VPY6)	
	Micro-Ultra Filler #15-3	Adtech Plastic Systems Corp. Inc. (V09AU0)	
	Fire Retardant Reducer #15-3	Adtech Plastic Systems Corp. Inc. (V09AU0)	
Fill and Fair Compounds, Epoxy Based	Araldite 252, 2-part Paste Adhesive Filler	Huntsman Advanced Materials GmbH (V1532N)	Repair.
	DP110	3M Company (V04963)	
Edge Fill	L-306	Cytec Industries Inc. (Solvay Group) (V0V7G8)	Repair.
	Magnolia Plastics 128-135 A/B	Magnolia Advanced Materials Inc. (V22121)	
Potting Compound	L-318 Kit Form	Cytec Industries Inc. (Solvay Group) (V0V7G8)	Repair.
	Epibond 1559-1 A/B Epibond 420 or Redux 420 Epocast 1618 D/B Epocast 89670-A/B 1631-A/B 1632-A/B	Huntsman Advanced Materials (V1532N)	
	Magnobond 92-1 A/B	Magnolia Advanced Materials Inc. (V22121)	
	DP420	3M Company (V04963)	
	Polystrate #14270 - 5 min epoxy	ITW Polymers Adhesives NA (V0RZG3)	
	EY-3009 A/B or EY-3010 A/B 7160 A/B 7176	H.B. Fuller North America (V26348)	
*** Refer to the IPL, paragraph 6, for the address.**			

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Potting Compound	Aerobond 1507-A/B or 1508-A/B Aerofill 1504-A/B DAPCO 3040-A/B	Aerocell Corp. (V1SX35) Cytec Industries Inc. (Solvay Group) (V0V7G8)	Repair.
Potting Adhesive, Epoxy Based	L-318	Cytec Industries Inc. (Solvay Group) (V0V7G8)	Repair.
Structural Adhesive, Epoxy Based	L-301 A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)	Repair.
Core Sealer-Edge Seal, Epoxy Based	L-306 FRHT (Alternate: Araldite 252 A-B, 2-part paste or Epocast 1628 A-B from Huntsman) DAPCO 3008 A/B DAPCO 3303 Magnolia 85-3 A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8) Cytec Industries Inc. (Solvay Group) (V0V7G8) Magnolia Advanced Materials Inc. (V22121)	Repair.
Laminating Resin Epoxy	Epon 828 Resin Epikure 3223 DETA Catalyst Epocast 50A1 (100 Parts by weight) 9816 Catalyst (15 Parts by weight) or 946 Catalyst (15 Parts by weight) Hysol ® EA 956 A/B	Resolution Performance Products LLC (Hexion Inc.) (V3FBZ6) Huntsman Advanced Materials GmbH (V1532N) Huntsman Advanced Materials GmbH (V1532N) Henkel Corp. (V1N6B3)	Repair.
Sealant, Silicone (white)	RTV102 Dow Corning 7130 GE 160 GE 5242	Momentive Performance Materials Inc. (General Electric Co.) (V01139)	Repair.
Sealant/Adhesive	PR 1775/1776 Class A or B P/S 890 Class A or B	Courtaulds Aerospace (PPG Aerospace) (V05027) Sealants and Coatings Technologies Inc. (V45DF3)	Repair.
*** Refer to the IPL, paragraph 6, for the address.**			

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Metal Surface Protection: Metal Preservation, Corrosion Inhibitors/Cleaners	VCI-416 Cleaner Corrosion Inhibitor Corwipe 300	Cortec Corp. (V44695) Cortec Corp. (V44695)	Repair.
Organic Coating for Aluminum Surfaces	VCI-386 Topcoat and VCI-393 / VCI-395 Primer Alodine 600/1200 White 44-W-7 Primer A/B* Light Gray 44-W-18 Primer A/B* White 44-W-7 and 44-W-18 NOTE: DO NOT HAVE CHROMATE	VCI Products are FDA and USDA approved Henkel Corp. (V1N6B3) Deft Inc. (PPG Aerospace) (V33461) Deft Inc. (PPG Aerospace) (V33461) Deft Inc. (PPG Aerospace) (V33461)	Repair.
Organic Epoxy Mastic Coating - Topcoat	M45/M46 Reduce with M95 M62-01 Epoxy Gloss Coating	Benjamin Moore and Co. Ltd. (V09585) Certified for Food Processing and FDA Approved for Food Service	Repair.
Fluid Resistant Primers:	KOROPON 515-700 PAINT 910-704 CATALYST 463-12-8 PAINT CA-116 CATALYST 10-P4-7 PAINT EC-131 CATALYST 515X391 PAINT 910c780 CATALYST 010x326 THINNER MIL-P-23377 primer Ty II CIC MIL-T-81772B REDUCER (Green Primer)	Courtaulds Aerospace (PPG Aerospace) (V05027) Dexter Corp. Polymer System (V1JB33) Courtaulds Aerospace (PPG Aerospace) (V05027) Courtaulds Aerospace (PPG Aerospace) (V05027) C&C Ventures LLC (Randolph Products Co.) (V77672)	Repair.
*** Refer to the IPL, paragraph 6, for the address.**			

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Fluid Resistant Primers:	MIL-P-23377 primer Ty II ClC MIL-T-81772B REDUCER (Yellow Primer)	C&C Ventures LLC (Randolph Products Co.) (V77672)	Repair.
Top Coats:	#442-3 (GLOSS COLOR) #X-304 CATALYST	Bostik Inc. (Arkema) (V5W425)	Repair.
	#453-3 (FLAT COLOR) #CA-118 CATALYST	Bostik Inc. (Arkema) (V5W425)	
	#980- (GLOSS COLOR) #982- (SEMI-GLOSS)	WLS Coatings Inc. (V0YY71)	
	Sher Will Enamel F63 or H99 V66V29 catalyst. R7KB29 or R7K84 or R99KY29 (REDUCER)	Sherwin-Williams Co. (V1JRP1)	
	(03Y091) Topcoat (03Y091) Catalyst MIL-T-81772 Type I Reducer	Deft Inc. (PPG Aerospace) (V33461)	
	MIL-PRF-85285C, Type I Polyurethane	Deft Inc. (PPG Aerospace) (V33461)	
	#343-55 (Filler) #345-15 (Hardener) #346-65 (Top Coat) #345-65 (Hardener)	Mankiewicz Gebr. And Co. (VD2603)	
Acceptable ClC Materials:	NYCOTE 7-11	Nycote Laboratories Corp. (V05803) or Chemetall Chemical Products Inc. (V02CA7)	Repair.
	DINITROL / ARDROX AV Series Compounds DINITROL AV 8 DINITROL AV 15 DINITROL AV 25 DINITROL AV 30	Chemetall Oakite Inc. (V0L040)	
	SOCOPAC 65H	Socomore (VF6892)	
Solvents:	Isopropyl Alcohol CAS No. 67-63-0	Commercially Available	Repair.
*** Refer to the IPL, paragraph 6, for the address.**			

Consumables
Table 9002/TABLE 25-28-48-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Solvents:	Acetone CAS No. 67-64-1	Commercially Available	Repair.
	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261)	Commercially Available	
	Ethyl Alcohol (Ethanol) CAS No. 64-17-5	Commercially Available	
	Peerco 321	Commercially Available	
Thinner	Humiseal #33	Chase Corp. (V99109)	Repair.
Electrical:	N/A or in accordance with the OEM requirements	Commercially Available	Repair.
Plug, Sealing			
Splice, Wire			
16-AWG 20-AWG 22-AWG Wrap, Spiral			
Tubing, Heat shrink	Not specific	Commercially Available	
Protective Coating, Corrosion, Blue	Nycote 7-11	Nycote Laboratories Corp. (V05803)	Repair.
*** Refer to the IPL, paragraph 6, for the address.**			

ILLUSTRATED PARTS LIST (IPL)

This page intentionally left blank.

TASK 25-28-48-99F-814-A01

1. General

This section describes and illustrates all component assemblies, subassemblies, and parts required for maintenance of the Passenger Service Unit (PSU).

TASK 25-28-48-99F-815-A01

2. Scope of Information

A. General

Each assembly is listed and immediately followed by a listing of its detail parts. The listing is indentured to show the relationship between each part and its next higher assembly. Item numbers in the parts list correspond to the item numbers of the accompanying illustration (figure).

B. How to Identify a Part

(1) When the part number is known: Find the part number in the numerical index and note the figure and item number. Find the item number in the applicable parts list and illustration to get the necessary information.

(2) When the part number is not known: Review the illustrations to identify the part by physical appearance and location. Refer to the accompanying parts list to get the part number, nomenclature, effectivity, and quantity.

(3) The effectivity code shows the part usage relative to the next higher assembly. When the EFFECTIVITY CODE column is blank, the part usage applies to all next-higher-assembly versions unless otherwise specified in the NOMENCLATURE column.

TASK 25-28-48-960-801-A01

3. Equipment Designator Index

The Equipment Designator Index is an aid to find the parts in the Detailed Parts List by equipment designator. The equipment designator, the part number, the figure number, and the item number are given for each entry.

The equipment designator are sorted one character at a time, from left to right. The correct sequence is (1) dash, (2) letters A through Z, and (3) numerals 0 through 9.

TASK 25-28-48-970-801-A01

4. Numerical Index

The Numerical Index is an aid to find parts in the Detailed Parts List by part number. The figure number, the item number, and the total quantity required are given for each entry.

The part numbers are sorted one character at a time, from left to right. The correct sequence is (1) dash, (2) letters A through Z, and (3) numerals 0 through 9.

TASK 25-28-48-99F-816-A01

5. Explanation of Detailed Parts List Entries

The Detailed Parts List is arranged in general sequence of disassembly. The parts are illustrated in an exploded-view illustration and listed in the related parts list.

A. FIG. ITEM Column

(1) The first number at the top of each FIG. ITEM column is the figure number of the exploded-view illustration. The number given opposite each part number is the item number assigned to the part in the illustration.

(2) A dash (-) in front of an item number means the part is not illustrated.

(3) Alpha-variants A through Z (except I and O) are assigned to item numbers when necessary to identify added parts, alternate parts, and parts modified by service bulletins.

B. PART NUMBER Column

This column gives the part number of the manufacturer for each part, as modified to meet the requirements of ATA 200/2000. The modifications can include:

(1) Removal of blank spaces and special characters, with the possible exception of dashes. Dashes are permitted only between numeric characters

(2) Insertion of a reference part number compatible with ATA 200/2000 if the part number is longer than 15 characters. In these cases, the full part number is given in the NOMENCLATURE column.

C. Indenture

The indenture is included in the NOMENCLATURE column and shows how parts are related. A typical relation is as follows:

End Item or Major Assembly
. Detail Parts or Assembly for End Item or Major Assembly
.. Subassemblies
ATTACHING PARTS
.. Attaching Parts for Subassemblies
- - - * - - -
... Detail Part for Subassemblies
ATTACHING PARTS
... Attaching Parts for Detail Parts
- - - * - - -

D. NOMENCLATURE Column

(1) This column contains descriptive nomenclature for each part, and can also give the CAGE code of the manufacturer (if the part is not made by Safran Cabin Inc.), the part number (if it is longer than 15 digits or modified to ATA 200/2000), any service bulletin that affect the part, and any obsolete part numbers. The column also provides figure references for NHA and details, and additional descriptive information as required.

(2) Assemblies, subassemblies, and detail parts subjected to modification, deletion, addition, or replacement by an issued service bulletin are annotated to indicate both the pre- and post-service bulletin configurations. The term (PRE SB XXXX) in the NOMENCLATURE column identifies the original configuration, and the term (ADDED POST SB XXXX) identifies assemblies and parts after the modification has been completed.

(3) The terms defined below are used when applicable to indicate the interchangeability of parts.

Term	Abbreviation	Definition
Alternate	ALT	The listed part is alternate to and interchangeable with other parts in the same item number variant group or other item numbers if designated. (Two Way Interchangeable)
Optional	OPT	The part is fully interchangeable in form, fit, and function with other item numbers shown. (Two Way Interchangeable)
Incorporated By Mistake	INC BY MISTAKE	The related part was added by mistake to the IPL, so it is deleted accordingly.
Superseded By	SUPSD BY	The part is superseded by and is one way interchangeable with the item number identified in the notation. (One Way Interchangeable)
Supersedes	SUPSDS	The part supersedes and is not interchangeable with the item number designated in the notation. (One Way Interchangeable)
Replaced By	RPLD BY	The part is replaced by and is interchangeable with the item number designated in the notation. (Two Way Interchangeable)
Replaces	RPLS	The part replaces and is interchangeable with the item number designated in the notation. (Two Way Interchangeable)

E. EFFECT CODE Column

This column contains effectivity codes (A, B, etc.) to indicate the alternate models or configurations of the end items to which the parts apply. This column is left blank when the parts apply to all models or configurations in the parts list.

F. UNITS PER ASSY Column

The quantity shown in this column is the units required for one next higher assembly (NHA). The abbreviation RF (reference) means the end item or assembly is shown completely assembled in the figure referenced in the NOMENCLATURE column.

TASK 25-28-48-980-801-A01

6. Manufacturer's Names and Addresses

The CAGE codes for the manufacturers of the parts, special tools, test equipment, and materials referenced in the manual are given below. The five digit code is preceded by the letter V. The codes are taken from Cataloging Handbook H4/H8. No code in the NOMENCLATURE column means the part is supplied by Safran Cabin Inc.

MANUFACTURER'S NAMES AND ADDRESSES

CODE	NAME	ADDRESS
V00779	TE CONNECTIVITY CORP.	2800 FULLING MILL RD BLDG 38 MIDDLETOWN PA 17057-3142 PHONE 800-806-0480
V01139	MOMENTIVE PERFORMANCE MATERIALS INC. (GENERAL ELECTRIC CO.)	260 HUDSON RIVER RD WATERFORD NY 12188-1910 PHONE 518-233-3241
V04963	3M COMPANY	3M CENTER SAINT PAUL MN 55144-1000 PHONE 866-556-5712
V05027	COURTAULDS AEROSPACE (PPG AEROSPACE)	410 JERSEY AVE GLOUCESTER CITY NJ 08030-2350 PHONE 856-742-9321
V05693	CHERRY TEXTRON INC.	1224 E WARNER AVE SANTA ANA CA 92705-5484 PHONE 714-545-5511
V05803	NYCOTE LABORATORIES CORP.	12750 RAYMER ST STE 3 NORTH HOLLYWOOD CA 91605-4228 PHONE 818-764-9498
V06090	TE CONNECTIVITY CORP.	501 OAKSIDE AVE SIDE REDWOOD CITY CA 94063-3800 PHONE 800-806-0480

CODE	NAME	ADDRESS
V06383	PANDUIT CORP.	18900 PANDUIT DR TINLEY PARK IL 60487-3600 PHONE 708-532-1800
V07150	ELECTRO-MECH COMPONENTS INC	1826 FLORADALE AVE SOUTH EL MONTE CA 91733-3689 PHONE 626-442-7180
V08098	BK PRECISION CORP.	22820 SAVI RANCH PKWY YORBA LINDA CA 92887-4610 PHONE 714-921-9095
V09585	BENJAMIN MOORE AND CO. LTD.	15 LLOYD AVE TORONTO CANADA M6N 1G9 PHONE 416-766-1173
V09790	EATON AEROSPACE LLC	4690 COLORADO BOULEVARD LOS ANGELES CA 90039-1106 PHONE 800-396-1911
V11139	TE CONNECTIVITY CORP.	2900 FULLING MILL RD MIDDLETOWN PA 17057-3144 PHONE 800-806-0480
V15513	DISPLAY PRODUCTS INC.	445 S DOUGLAS ST EL SEGUNDO CA 90245-4630 PHONE 800-421-6815

CODE	NAME	ADDRESS
V17023	BRUCE AEROSPACE INC.	101 EVANS AVE DAYTON NV 89403-8300 PHONE 775-246-0101
V21213	SCHNELLER LLC	6019 POWDERMILL RD KENT OH 44240-7109 PHONE 330-676-7127
V22121	MAGNOLIA ADVANCED MATERIALS INC.	4360 NORTHEAST EXPY ATLANTA GA 30340-3401 PHONE 770-451-2777
V26348	H.B. FULLER NORTH AMERICA	1200 WILLOW LAKE BLVD VADNAIS HEIGHTS MN 55110-5146 PHONE 651-236-5912
V30242	AVTECHTYEE INC.	6500 MERRILL CREEK PKWY EVERETT WA 98203-5860 PHONE 425-290-3100
V30676	LORD CORP. (CHEMICAL PRODUCTS DIV.)	2455 ROBISON RD W ERIE PA 16509-4675 PHONE 814-217-6994
V33461	DEFT INC. (PPG AEROSPACE)	17451 VON KARMAN AVE IRVINE CA 92614-6205 PHONE 949-476-6723

CODE	NAME	ADDRESS
V34597	FIGGIE INTL INC	4420 SHERWIN RD WILLOUGHBY OH 44094-7938 PHONE 216-464-6153
V44695	CORTEC CORP.	4119 WHITE BEAR PKWY SAINT PAUL MN 55110-7634 PHONE 800-426-7832
V46384	PENN ENGINEERING AND MFG. CORP.	5190 OLD EASTON RD DANBORO PA 18916-0000 PHONE 215-766-8853
V53655	SAFRAN AEROSYSTEMS (OXYGEN SYSTEMS US DIV.)	225 ERIE ST LANCASTER NY 14086-9501 PHONE 716-686-1716
V53912	AIRTECH INTERNATIONAL INC. (AIRTECH ADVANCED MATERIALS GROUP)	5700 SKYLAB RD HUNTINGTON BEACH CA 92647-2055 PHONE 714-899-8100
V55175	CARL STAHL SAVA INDUSTRIES INC.	4 N CORPORATE DR RIVERDALE NJ 07457-1715 PHONE 973-835-0882
V56135	SAFRAN CABIN INC.	5701 BOLSA AVE HUNTINGTON BEACH CA 92647-2063 PHONE 714-934-2287

CODE	NAME	ADDRESS
V62676	RADIOSHACK CORP.	300 RADIOSHACK CIR FORT WORTH TX 76102-1964 PHONE 817-415-3850
V68491	ANDPAK EMA INC.	400 JARVIS DR MORGAN HILL CA 95037 PHONE 408-782-2500
V71468	ITT CORP.	56 TECHNOLOGY DR IRVINE CA 92618-2301 PHONE 714-628-2329
V72914	GRIMES AEROSPACE CO. (HONEYWELL AEROSPACE)	550 STATE ROUTE 55 URBANA OH 43078-9482 PHONE 800-601-3099
V74197	ASSOCIATED SPRING RAYMOND (BARNES GROUP INC.)	370 W DUSSEL DR STE A MAUMEE OH 43537-1604 PHONE 419-740-6144
V77672	CC VENTURES LLC (RANDOLPH PRODUCTS CO.)	33 HAYNES CIRCLE CHICOPEE MA 01020-3712 PHONE 413-592-4191
V77820	AMPHENOL CORP.	40-60 DELAWARE AVE SIDNEY NY 13838-1304 PHONE 607-563-5364

CODE	NAME	ADDRESS
V78553	TINNERMAN PALNUT ENGINEERED PRODUCTS INC.	1060 WEST 130TH STREET BRUNSWICK OH 44212-2316 PHONE 330-220-5100
V83014	HARTWELL CORP.	900 S RICHFIELD RD PLACENTIA CA 92870-6732 PHONE 714-993-4200
V86928	SEASTROM MFG. CO. INC.	456 SEASTROM ST TWIN FALLS ID 83301-8526 PHONE 208-737-4300
V88277	THE BOEING CO.	2401 E WARDLOW RD LONG BEACH CA 90807-5309 PHONE 480-891-1045
V89536	FLUKE CORP.	6920 SEAWAY BLVD EVERETT WA 98203-5829 PHONE 425-446-5401
V94058	BRULIN HOLDING CO. INC.	2920 DR A J BROWN AVE INDIANAPOLIS IN 46205-4066 PHONE 800-776-7149
V97393	SHUR-LOK CO.	2541 WHITE RD IRVINE CA 92614-6235 PHONE 949-655-9256

CODE	NAME	ADDRESS
V99109	CHASE CORP.	128 1ST ST PITTSBURGH PA 15238-3223 PHONE 781-332-0765
V99489	PEMCO ENGINEERS INC	2398 RAILROAD ST CORONA CA 92880-5410 PHONE 909-273-9696
V02CA7	CHEMETALL CHEMICAL PRODUCTS INC.	50 VALLEY RD BERKELEY HEIGHTS NJ 07922 PHONE 908-665-9466
V09AU0	ADTECH PLASTIC SYSTEMS CORP. INC.	815 W SHEPHERD ST CHARLOTTE MI 48813 PHONE 800-255-9934
V0AJJ0	UTC AEROSPACE SYSTEMS (SENSORS AND INTEGRATED SYSTEMS)	1555 CORPORATE WOODS PKWY UNIONTOWN OH 44685-7820 PHONE 330-374-2086
V0GAZ6	DEVILBISS CO. (ITW INC.)	12878 E FLORENCE SANTA FE SPRINGS CA 90670 PHONE 562-463-9559
V0KZA1	LOOS AND CO. INC.	4173 DOMESTIC AVE NAPLES FL 34104 PHONE 239-643-5667

CODE	NAME	ADDRESS
V0L040	CHEMETALL OAKITE INC.	675 CENTRAL AVE NEW PROVIDENCE NJ 07974-1560 PHONE 800-526-4473
V0RZG3	ITW POLYMERS ADHESIVES NA	30 ENDICOTT ST DANVERS MA 01923-3712 PHONE 978-646-5853
V0UL03	OTTO INDUSTRIES INC	86093 LORANE HWY EUGENE OR 97405 PHONE 503-485-2262
V0V7G8	CYTEC INDUSTRIES INC. (SOLVAY GROUP)	5 GARRET MOUNTAIN PLZ WEST PATERSON NJ 07424-3317 PHONE 973-357-3100
V0YY71	WLS COATINGS INC.	13413 S BROADWAY LOS ANGELES CA 90061 PHONE 310-538-2155
V0ZXD0	ALTERNATIVE MATERIALS TECH INC. (AKZO NOBEL COATINGS)	311 OTTERSON DR SUITE 60 CHICO CA 95928 PHONE 530-894-3585
V1532N	HUNTSMAN ADVANCED MATERIALS GMBH	WIPPLINGERSTRASSE 24 WIEN AUSTRIA 1010 PHONE +49-431-8014320

CODE	NAME	ADDRESS
V1JB33	DEXTER CORP. POLYMER SYSTEM	1 DEXTER DR SEABROOK NH 03874 PHONE 603-474-5541
V1JRP1	SHERWIN-WILLIAMS CO.	2640 MAIN ST SAN DIEGO CA 92113-3613 PHONE 216-515-4825
V1N6B3	HENKEL CORP.	32100 STEPHENSON HWY MADISON HEIGHTS MI 48071-5514 PHONE 248-577-2126
V1SX35	AEROCELL CORP.	12806 STATE AVE MARYSVILLE WA 98271 PHONE 360-653-2600
V1TEF0	WEMAC MARINE INSULATION	753 ANITA STREET SUITE F CHULA VISTA CA 91911 PHONE 619-628-4800
V1XE65	BIRK AEROSYSTEMS CORP	14321 COMMERCE DR GARDEN GROVE CA 92843 PHONE 714-554-9782
V1XTR8	GENESIS COATINGS INC.	2780 LA MIRADA DR STE D VISTA CA 92081-8404 PHONE 760-599-6011

CODE	NAME	ADDRESS
V3A054	MCMASTER-CARR SUPPLY CO.	9630 NORWALK BLVD SANTA FE SPRINGS CA 90670-2932 PHONE 330-342-6135
V3FBZ6	RESOLUTION PERFORMANCE PRODUCTS LLC (HEXION INC.)	1600 SMITH ST 24TH FL HOUSTON TX 77002-7496 PHONE 832-366-2385
V3V5D8	AMP CORP	8306 WILSHIRE BLVD 237 BEVERLY HILLS CA 90211 PHONE 213-393-9464
V3VPY6	AXSON NORTH AMERICA INC. (SIKA ADVANCED RESINS)	1611 HULTS DR EATON RAPIDS MI 48827-9500 PHONE 517-663-8191
V45DF3	SEALANTS AND COATINGS TECHNOLOGIES INC.	106 INDUSTRIAL WAY CHARLESTOWN IN 47111 PHONE 812-256-3378
V5HCF1	PRC - DESOTO INTERNATIONAL INC. (PPG AEROSPACE)	12780 SAN FERNANDO RD SYLMAR CA 91342-3728 PHONE 818-741-1556
V5W425	BOSTIK INC. (ARKEMA)	211 BOSTON ST MIDDLETON MA 01949-2128 PHONE 978-777-0100

CODE	NAME	ADDRESS
V6B3V9	RICHCO INC.	1000 NORTHFIELD AVE HARVARD IL 60033-1668 PHONE 773-539-4060
V6PPB5	QUAKER CITY PLATING AND SILVERSMITH	11729 E WASHINGTON BLVD WHITTIER CA 90606 PHONE 562-945-3721
V6W912	MEG TECHNOLOGIES INC.	15381 ASSEMBLY LANE HUNTINGTON BEACH CA 92649-1327 PHONE 714-893-3050
V9U362	INDUSTRIES FOR THE BLIND AND VISUALLY IMPAIRED INC.	445 S CURTIS RD WEST ALLIS WI 53214-1016 PHONE 414-778-3055
VB4946	HSH AEROSPACE FINISHES NV	RESEARCH PARK ZONE 1 DE HAAK 3 ZELLIK BELGIUM 1731 PHONE +32-2-4811065
VD2603	MANKIEWICZ GEBR. AND CO.	GEORG-WILHELM-ST 189 HAMBURG GERMANY 21107 PHONE +49-40-751030
VD8095	GOODRICH LIGHTING SYSTEMS GMBH	BERTRAMSTR. 8 LIPPSTADT GERMANY 59557 PHONE +49-2941-76760

CODE	NAME	ADDRESS
VDA378	BFE NACHRICHTENTECHNIK GMBH	AM DER FAHRT 1 MAINZ 55124 PHONE 06131-46518-0
VF6892	SOCOMORE	3707 PAUL DUPLEIX AVE VANNES FRANCE 56000 PHONE +33-2-97437690

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	GEO LOC	FIG.-ITEM		EQUIPMENT DESIGNATOR	GEO LOC	FIG.-ITEM
1	-	16	10			
			5			
			80			
			85			
10	-	16	40			
12	-	16	35			
16	-	16	30			
18	-	16	45			
19	-	16	15			
			20			
2	-	16	55			
			60			
			65			
			70			
			75			
20	-	16	25			
			50			
RF	-	16	1			

This page intentionally left blank.

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
A307003-1		11	90	1
A307003-501		11	1	RF
		8	3	1
A307003-503		11	1A	RF
		8	4	1
A307103-501		11	95	1
A307103-503		11	95A	1
ABMMD		11	80	4
AD32BS		3	125	D
		3A	120	D
AD34BS		3	110	2
		3A	105	2
AD42BS		8	40	4
AD43BS		3	125A	2
		3A	120A	2
		6D	30	1
		7A	25	1
AV4098-0CP560		1B	410B	2
B805140-3		15	365	1
		1A	446	1
		1B	412	1
		1D	340	1
BC1-0020-002		11	30	1
BVD00E0207PN		5	45	1
		5A	40	1
		5B	40	1
		5C	40	1
		5D	35	1
		5E	35	1
		5F	25	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
BVD00E0412PN		11	105	D
		2	10	D
BVDSRED02SC		1H	30	2
BVDSRED04SC		1H	35	2
C00720-012-4		1	400A	1
		15	360	1
		1A	445A	1
		1D	95	1
		5	180A	1
		5A	150A	1
		5B	145A	1
		5H	85	1
C13000-012-4		5C	125A	1
			125B	1
		5D	100A	1
		5E	115A	1
		5F	100	1
		5G	105	1
C678202-1		6	65	2
C678202-111		1H	55	4
		6	1B	RF
C678202-113		1H	60	2
		6	1C	RF
C678202-115		1H	65	2
		6	1D	RF
C678302-511		6	85	1
C678302-513		6	85A	1
C678302-515		6	85B	1
CCR274CS3-04		3	117	2
		3A	105A	2
CD0720-012-4		1B	450A	1
CD12750B1		3	55	1
		3A	55	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CD1275J3		1	225	1
		15	235	1
		1A	240	1
CD1275L1		1	180	D
			186	1
		15	205	1
		1A	195	1
CD1275L2		1	185	D
			187	1
		15	210	1
		1A	200	1
CD1275L3		1	123	1
		15	145	1
		1A	125	1
CD1275SN1		5	185	1
		5A	155	1
CD1275SPK1		5	125	1
		5B	90	1
CD1372-1AL		1	55	D
		1A	50	5
		3	35A	2
		3A	35A	2
CDEL005		1B	182	D
			182A	D
			208	D
		1C	123	D
			98	D
CDEL005-9326726		1	107	1
CDEL005-9326727		1	122	1
CDEL1013-501		11	5	1
CDEL1014-1		15	200	2
		1D	190	2
CDEL1123-1		1D	190A	2
CDEL2009L1		1D	385	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDEL2009L2		1D	390	1
CDEL2009L3		1D	395	1
CDEX0307-7		1	352A	6
		1A	398	4
		5C	165	4
			165B	D
		5D	140	4
			140B	D
		5E	155	4
			155B	D
		6	30B	1
		6B	20A	2
		6D	20A	2
CDEX0633-5		6A	25	1
CDEX0633-7		1	350A	6
			352B	6
			353	D
		12	80	2
		13	25	1
		13A	25	1
		15	330	6
		1A	398A	6
		1B	415	6
		1C	315	6
		1D	315	6
		5C	165A	4
		5D	140A	4
		5E	155A	4
		5F	145	4
		5G	150	4
		5H	130	4
		6	30C	1
		6B	20B	2
		6C	35B	2
		6D	20B	2
		7A	60	2
			65	1
CDIN07-06-07		7	50	7
		8	95	27

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDPL603-5H41600		1F	35	42
			35A	42
			35B	42
			35C	42
			35D	42
CDPL603-5H41700		1G	10	42
CDPL603-5H45600		1E	50	2
CDPL603-5H51700		1H	45	38
CDPL604-1A30200		8	120	1
CDSP4500-503B		1	345A	2
		15	325	2
		1A	390A	2
		1B	410	2
		1C	300	2
		1D	285	2
CDSP4500-503F		1D	285A	2
CDSP4514-501		1	347	2
		15	100	1
		1A	103	1
			390B	D
			391	2
		1B	170	1
		1C	305	2
		1D	290	2
			290A	1
CDSP4515-1		1B	410A	2
CDSP4633-5		3	20A	1
		3A	20A	1
CDSP4635-503		8	5	2
CDSP4636-3		8	10	1
CDSP4641-3		1	175A	2
		1C	185	2
CDSP4641-501		11	5A	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDSP4645-1		1	349	2
		15	105	1
		1A	105	1
			390C	D
			392	2
		1B	175	1
		1C	310	2
		1D	295	2
			295A	1
CDSP4701-1		11	70	4
		3	45A	2
		3A	45A	2
CDSP5307-100-10		1J	35	AR
		1L	90A	AR
CDSP5801-1AL		3	35B	2
		3A	35B	2
		6	80	3
D3899920JB99PN		5	45A	1
		5A	40A	1
		5B	40A	1
		5C	40A	1
		5D	45A	1
		5E	35A	1
		5F	25A	1
		5G	30	1
		5H	25	1
DC042		1	245A	AR
		12	45A	1
		1A	265A	AR
		1B	315A	AR
		1C	245A	AR
		1D	230A	AR
		5	75A	AR
		5A	65A	AR
		5B	65A	AR
		5C	70A	AR
		5D	60A	AR
		5E	60A	AR
		5F	50A	1
		5G	60	AR
		5H	50	AR

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
FH632-4		4	47	2
FH632-4ZI		4	47A	2
FH832-14		10	15	1
FR3001100		1L	90	AR
GG436-2041-3		12	50	1
H416001-101		1F	1	RF
H416001-103		1F	1A	RF
H416001-105		1F	1B	D
H416001-107		1F	1C	RF
H416001-109		1F	1D	RF
H416001-111		1F	1E	RF
H416001-113		1F	1F	RF
H416001-115		1F	1G	RF
H416001-117		14	1	RF
H416001-119		16	1	RF
H417001-101		1G	1	RF
H456001-101		1E	1	RF
H517001-101		1H	1	RF
H839103-101		1D 1N	1M 25	RF 4
H839103-103		1D 1N	1N 30	RF 4
H839105-101		1D 1N	1P 35	RF 6
H839105-102		1D 1N	1Q 40	RF 6

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
H839107-101		13A	1	RF
		1N	100	1
H839107-102		13A	1A	RF
		1N	105	1
H839107-103		13A	1B	RF
		1N	110	1
H839107-104		13A	1C	RF
		1N	115	1
H839111-501		1D	270C	1
H839112-1		13A	30	1
H839112-2		13A	30A	1
H839112-3		13A	30B	1
H839112-4		13A	30C	1
H839120-101		1N	45	9
		5G	1	RF
H839120-102		1N	50	9
		5G	1A	RF
H839120-103		1N	55	1
		5H	1	RF
H839120-104		1N	60	1
		5H	1A	RF
HN3G33-1		1	284	2
			285A	2
		11	83	2
		15	280	2
		1A	304	2
		1B	340	2
		1C	265	2
		1D	250	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
HN3P33-4-1		1	282	2
			300A	2
		15	270	2
		1A	302	2
		1B	330	2
		1C	255	2
		1D	240	2
HN3P4-1		11	84	2
J064002-101		1J	1	RF
J708001-101		1K	1	RF
J744001-101		1L	1	RF
J744001-103		1L	1A	RF
J744001-105		1L	1B	RF
K044002-101		1M	1	RF
K044002-103		1N	1	RF
K12ABK15N		1	165	2
		15	180	2
		1A	170	2
		1B	250	2
		1C	175	2
		1D	180	2
M2275941-22-9		1	172	AR
M81714-12-20D2		2	20	D
MFTH2-01		1	190	1
		15	215	1
		1A	205	1
		1B	278	1
		1C	210	1
		1D	195	1
		3	45	2
		3A	45	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS16633-4009		1	355	6
		1A	400	6
		5	210	4
		5A	180	4
		5B	170	4
			225	D
		6	5	4
		6C	5	4
MS2047083-13		12	70	D
MS20470B3-13		1	357	3
			360A	3
		12	70A	2
		13	10	1
		13A	10	1
		15	335	3
		1A	405A	3
		1B	420	3
		1C	320	3
		1D	305	3
		5	215A	2
		5A	185A	2
		5B	175A	2
		5C	150	2
		5D	125	2
		5E	140	2
		5F	110	2
		5G	135	2
		5H	115	2
		6	10A	1
			13	D
			45	2
		6A	10	1
		6B	5	2
		6C	10A	2
		6D	5	2
		7	20	2
		7A	50	2
		8	65	3
MS21042-04		11	60	4

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS21042L04		1	205	4
		1A	220	4
		5	25	4
		5A	20	4
		5B	25	4
MS21042L06		1	65	D
		1A	60	5
		3	40A	2
		3A	40A	2
		4	25	2
		5	120	1
		5A	110	1
MS21042L08		3	40	2
		3A	40	2
		5	135	4
		5B	100	4
MS21083D06		12	10	3
MS21083D08		10	25	1
MS24625-19		1	327	2
		12	20	3
		15	225	2
		1A	347	2
		1B	360	2
		1C	275	2
		1D	260	2
		6B	30	4
			30A	6
		6C	45B	12
		6D	40	4
			55	4
MS24625-20		12	21	3
		7A	10	4
			35	6
MS24625-21		1	130A	1
		15	45	1
		1A	67A	1
		1B	70	1
		1C	140	1
		1D	145	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS24693S28		1	50	5
		1A	45	5
MS24693S29		3	25A	2
		3A	25A	2
MS24693S48		3	70	2
		3A	70	2
MS25036-101		5	55	3
		5A	45	3
		5C	50	D
		5D	40	D
		5G	40	3
		5H	30	3
MS25036-148		11	100	D
MS27488-16		11	115	D
MS27488-20		11	110	D
MS3367-4-9		1	106	2
			121	2
			30	1
			305	1
			30A	D
			375	1
			75	1
			87	1
			97	2
		11	65	5
		15	10	2
			55	1
			70	1
			95	1
		1A	101	1
			30	2
			30A	2
			325	1
			420	1
			70	1
			79	1
			91	1
		1B	135	3
			181	D
			207	D

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
			266	1
			35	1
			435	1
			80	1
			87	1
			95	3
		1C	10	1
			122	2
			335	1
			50	1
			65	1
			90	2
			97	2
		1D	10	5
			10A	4
			45	D
			45A	1
			60	D
			65	1
		2	15	D
		3	50	1
		3A	50	1
		5	30	2
		5A	25	2
		5B	220	D
		5C	25	2
		5D	20	2
		5F	120	2
		5G	20	2
		5H	15	2
		9	5	2
MS3367-5-9		11	75	4
MS3367-7-9		15	240	1
		1A	245	1
		1B	295	1
		1D	345	1
MS35206-215		11	40	4
MS35206-226		11	45	2
		8	110	2
			25	8
			85	5

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS35206-227		11	72	2
MS35206-228		11	10	4
MS35338-42		3	80	2
		3A	80	2
		5	142	4
		5B	107	4
MS35649-282		3	85	2
		3A	85	2
		5	135A	4
		5B	100A	4
MS51861-23C		6C	45	12
MS51861-24		1	325	2
		1A	345	2
		6C	45A	12
MS51861-26		1	130	1
		1A	67	1
NAS1096-1-3		1	215	2
			285	3
			390	2
		15	290	2
		1A	230	2
			305	3
			435	2
		1B	285	2
		1C	220	2
		1D	205	2
		4	40	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS1096-1-4		1	380	3
			390A	2
			397A	2
		15	350	3
		1A	425	3
			435B	2
		1B	440	2
		1C	340	2
		1D	320	2
		3	170	3
			87	2
		3A	160	3
			87	2
NAS1096-1-5		1	300	1
			335	3
			342	4
			397	D
			50A	5
			67	D
		15	30	5
			315	3
		1A	307	1
			380	3
			387	4
			435A	2
			62	5
		1B	400	4
			55	5
		1C	290	4
			35	5
		1D	275	4
			30	5
		5	110	1
			155	3
		5A	100	1
			125	3
		5B	120	3
			80A	1
		5C	100	4
		5D	75	4
		5E	90	4
		5F	75	4
		5G	80	4
		5H	60	4

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS1096-1-6		1	260	1
		1A	280	1
		5	80	1
		5A	70	1
		5B	80	1
NAS11490N632K		12	15	D
NAS1149D0332J		11	81	2
NAS1149DN332K		3	115	4
			118	4
		3A	110	4
NAS1149DN432K		3	130	4
		3A	125	4
NAS1149DN616K		1	135	1
			220	2
			265	1
			329	2
			340B	3
			344	4
			385	3
			395B	2
			398	2
			60	5
			68	D
		15	230	2
			295	2
			320	4
			35	5
			355	3
			50	1
		1A	235	2
			285	1
			349	2
			389	4
			430	3
			440A	2
			55	5
			63	5
			68	1
		1B	290	2
			365	2
			405	4

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
			445	2
			60	5
			75	1
		1C	145	1
			225	2
			280	2
			295	4
			345	2
			40	5
		1D	150	1
			210	2
			265	2
			280	4
			325	2
			35	5
		4	30	D
			45	D
		5	115	2
			160	3
			85	1
		5A	105	2
			130	3
			75	1
		5B	125	3
			85	1
		5C	105	4
		5D	80	4
		5E	95	4
		5F	80	4
		5G	85	4
		5H	65	4
		6B	35	4
			35A	6
		6C	50	12
		6D	45	4
			60	4
		7A	15	4
			40	6
NAS1149DN632J		8	115	2
			30	8

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS1149DN632K		12	15A	9
		3	175	3
			30A	2
			89	2
		3A	165	3
			30A	2
			89	2
		4	30A	2
			45A	2
NAS1149DN832K		10	20	1
		3	30	2
			75	2
		3A	30	2
			75	2
NAS1149FN416P		11	50	8
NAS1149FN632P		11	15	4
			55	2
			73	4
NAS1149FN832P		5	140	4
		5B	105	4
NAS1169C8L		3	35	2
		3A	35	2
NAS1801-04-5		1	195A	D
		1A	210	4
		5	15	4
		5A	10	4
		5B	15	4
NAS1801-04-6		1	195	4
		1A	210A	4
		5	15A	4
		5A	10A	4
		5B	15A	4
NAS42DD5-6FC		12	25	3
NAS42DD6-8		11	20	4
NAS42DD6-8FC		11	20A	4

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS514P632-3		6	60	4
			75	3
		7	10	4
			40	3
		8	55	6
			85A	5
NAS514P632-4		6	75A	3
NAS514P632-8		12	55	3
NAS514P832-10		3	25	2
			72	2
		3A	25	2
NAS620-4L		1	200	8
		1A	215	8
		5	20A	8
		5A	15A	8
		5B	20A	8
NAS620-6L		5	20	8
		5A	15	8
		5B	20	8
P8-7000012		1	102	1
			104A	1
		1A	109	D
		1B	197	1
		1C	117	1
P8-7000014		1	104	D
		1A	110A	D
		1B	195	D
		1C	115	D
		1D	120	1
P8-7000018		1B	197A	1
P8-7000021		15	120	D
		1D	115	1
PLWP1MC		11	85	2
R452-002		1	303	D
		1A	323	D
R452002		1B	345	D

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
RCGH25		11	84A	D
			87	1
RUBBERSTAMP		1	123A	1
			186A	1
			187A	1
			225A	1
		5	125A	1
			185A	1
		5A	155A	1
		5B	90A	1
S124682-208-3		1	395	D
		1A	385	D
			440	D
S124682-2D8-3		1	340A	3
			395A	2
		1A	385A	3
			440B	2
S5124682-208-3		1	340	D
SCD130-14-1		5	130	1
		5B	95	1
		5C	75	1
		5E	65	1
		5F	55	1
		5G	65	1
SCD130-14-2		5	130A	1
		5B	95A	1
		5C	75A	1
			80	D
		5E	65A	1
			70	D
SL1-2		1	235A	2
		1A	255A	2
		1B	305A	2
		1C	235B	2
		5	65A	2
		5A	55A	2
		5B	55A	2
		5C	60A	2
		5D	50A	2
		5E	50A	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
SRV0-3080		1	206	4
			33	D
		15	20	4
		1A	33	4
		1B	30	4
		1C	20	4
		1D	20	4
		5C	15	4
		5D	10	4
		5E	15	4
		5F	10	4
		5G	10	4
		5H	5	4
SRV0-3080B		1D	20A	4
SRV0-5095		5C	85	4
		5E	75	4
		5F	60	4
		5G	70	4
SW44122		8	15A	1
SW44324		8	15	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
T025-180-140L		1	365	3
		12	75A	2
		13	15	1
		13A	15	1
		15	340	3
		1A	410	3
		1B	425	3
		1C	325	3
		1D	310	3
		5	220	2
		5A	190	2
		5B	180	2
		5C	155	2
		5D	130	2
		5E	145	2
		5F	115	2
		5G	140	2
		5H	120	2
		6	15	1
			50	2
		6A	15	1
		6B	10	2
		6C	15	2
		6D	10	2
		7	25	2
		7A	55	2
		8	70	3
T025-180-14L		12	75	D
TA1S8C		1	270	1
			310	1
			80	1
		15	60	1
		1A	290	1
			330	1
			75	1
		1B	85	1
		1C	55	1
		1D	50	1
		5	105	1
			90	1
		5A	80	1
			95	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
TM2S6C		6D	25	1
		7A	20	1
1-770849-2		2	35	D
10-1701-1F		1	175	2
		1A	180	2
104257-5		1	70	1
		15	40	1
		1A	65	D
		1B	65	D
		1C	45	D
		1D	40	D
			40A	1
104479-7		1	105	2
			160	4
		15	125	2
			175	4
		1A	111	2
			165	4
		1B	200	2
			245	4
		1C	100	2
			170	4
		1D	100	2
			175	4
11-6755-1F		1	176	D
		1A	185	D
1309		11	25	1
154-002T		1	304	D
		1A	324	D
170-45513-001		1	32	1
		15	15	1
		1A	32	1
		1B	40	1
		1C	15	1
		1D	15	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
170-45514-001		5C	20	1
		5D	15	1
		5E	20	1
		5F	15	1
		5G	15	1
		5H	10	1
19373-057K		1	301	D
		1A	321	D
19560		1	302	D
		1A	322	D
2209		1	295	2
		1A	315	2
289-601-066-1		3	155	2
			160	3
		3A	145	3
2LA007278-23		1	179	2
		1A	191	2
		1B	267	2
		1C	185A	2
3573T1		1C	235	2
3863102-27		11	71	2
3868104-111		14	60	2
		16	60	2
		1K	5	2
		1N	70	1
		6A	1	RF
3868104-112		14	65	2
		16	65	2
		1K	10	2
		1N	75	1
		6A	1A	RF
3868104-3		6A	20A	1
3868105-501		1	35B	1
		1D	25B	1
		3	1B	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
3868105-503		1	45B	1
		15	25	1
		1A	40B	1
		1D	25A	1
		3A	10	D
			1D	RF
3868105-505		1	35C	1
		1A	35A	1
		1B	45	1
		1D	25F	1
		3	1C	RF
3868105-507		1	45C	1
		1A	40A	1
		1B	50	1
		1C	30A	1
		1D	25G	1
		3A	10A	D
			1E	RF
3868105-509		1	40B	1
		1C	25	1
		1D	25H	1
		3A	1B	RF
3868105-511		1	40C	1
		1D	25	1
		3A	1C	RF
3868105-513		3	165	1
		3A	150	1
		4	1A	RF
3868105-515		3A	155	1
		4	1C	RF
			5A	D
3868106-501		1D	25E	1
		3	1D	RF
3868106-503		1D	25D	1
		3A	10B	D
			1F	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
3868106-511		1D	25C	1
		3A	10C	D
			1G	RF
3868106-513		3	165A	1
		3A	150A	1
		4	1B	RF
3868106-515		3A	155A	1
		4	1D	RF
			5B	D
3868127-3		6A	20	1
3868213-501		3	147	1
		3A	135A	1
3896T1		1	235	2
		12	35	2
		15	250	2
		1A	255	2
		1B	305	2
		1C	235A	2
		1D	220	2
		5	65	2
		5A	55	2
		5B	55	2
		5C	60	2
			60B	2
		5D	50	2
		5E	50	2
		5F	40	2
		5G	50	2
		5H	40	2
3960T1		12	40	1
		15	255	1
		1D	225	1
		5C	65A	1
		5F	45	1
		5G	55	1
		5H	45	1
4185-2		1	345	2
		1A	390	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
5463K589		1B	120	1
			160	1
55-2253-5		1	177	D
		1A	190	D
5610-44-20		1	290	D
		1A	310	4
6035-06BR150		1	416	6
			425	6
		15	375	6
		1A	461	6
			470	6
		1B	456	6
			465	6
		1C	360	6
		1D	375	6
		4	100	2
			110	5
			115	D
			91	2
		5	241	D
			250	4
		5A	211	D
			220	4
		5B	215	4
		5C	171	D
			180	4
		5D	146	D
			155	4
		5E	161	D
			170	4
		5F	160	4
		5G	160	4
		5H	140	4
61048-1		11	120	D
640174-1		5	50	2
		5B	45	2
		5C	45	D
		5E	40	2
		5F	30	2
		5G	35	2
640903-1		2	25	D

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
640905-1		2	30	D
6441100-501		5	190	1
		5A	160	1
		5B	150	1
		5C	130	1
		5D	105	1
		5E	120	1
		5F	125A	1
6441102-1		5	195	1
		5A	165	1
		5B	155	1
		5C	135	1
		5D	110	1
		5E	125	1
		5F	130A	1
6441106-501		5	200	1
		5A	170	1
		5B	160	1
		5C	140	1
		5D	115	1
		5E	130	1
		5F	135A	1
6441106-505		5G	120	1
		5H	100	1
6441108-501		5	205	1
		5A	175	1
		5B	165	1
		5C	145	1
		5D	120	1
		5E	135	1
		5F	140A	1
6441109-501		5C	130A	1
			133	D
		5D	105A	1
			107	D
		5E	120A	1
			123	D
		5F	125	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
6441112-501		5C	140A	1
			142	D
		5D	115A	1
			117	D
		5E	130A	1
			132	D
		5F	135	1
6441112-503		1E	15	1
		1H	15	1
		5C	140B	1
6441114-1		5C	135A	1
			137	D
		5D	110A	1
			112	D
		5E	125A	1
			127	D
		5F	130	1
6441115-501		5C	145A	1
			147	D
		5D	120A	1
			123	D
		5E	135A	1
			137	D
		5F	140	1
6441120-501		1E	5	2
		1F	30	42
		1G	5	42
		1H	5	38
		5C	130B	1
6441121-1		1E	10	1
		1H	10	1
		5C	135B	1
6441122-501		1E	25	1
		1H	25	1
		5C	145B	1
6441124-501		5G	110	1
		5H	90	1
6441125-1		5G	115	1
		5H	95	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
6441126-501		5G	130	1
		5H	110	1
7271012-9		8	105	1
7271022-1		1	370	3
		1A	415	3
		5	225	2
		5A	195	2
		5B	185	2
		6	20	1
		6C	20	2
		6D	15	2
7271022-3		1	370A	3
		12	65	2
		13	5	1
		13A	5	1
		15	345	3
		1A	415A	3
		1B	430	3
		1C	330	3
			330A	D
		1D	300	3
		5	225A	2
		5A	195A	2
		5B	185A	2
		5C	160	2
		5D	135	2
		5E	150	2
		5F	105	2
		5G	145	2
		5H	125	2
		6	20A	1
			40	2
		6A	5	1
		6B	15	2
		6C	20A	2
		6D	15A	2
		7	15	2
		7A	45	2
		8	60	3

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
7271023-1		1	360	3
		1A	405	3
		5	215	2
		5A	185	2
		5B	175	2
		6	10	1
		6C	10	2
7271037-501		5	10	1
		5B	10	1
		5C	10	1
		5E	10	1
7271045-3		1E	20	1
		1H	20	1
		5C	143	1
		5G	125	1
		5H	105	1
7271058-5		6	55	2
		7	5	2
		8	50	3
7272037-501		5	10A	1
		5B	10A	1
		5C	10A	1
			10B	D
		5E	10A	1
		5F	5	1
		5G	5	1
770258-1		1	115	2
		15	135	2
		1A	115	2
		1B	210	2
		1C	125	2
		1D	130	2
801387-12		3	90A	1
801387-13		3	95A	1
		3A	90	1
803000-12		3	90	1
803000-13		3	95	1
		3A	92	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
803000-62		3	90B	1
803000-63		3	95B	D
		3A	92A	1
86805T34		1	240A	1
		1A	260	1
		1B	310	1
		1C	240	1
		5C	65	1
		5D	55	1
		5E	55	1
89220-2		3	20	1
		3A	20	1
		4	20	RF
8936T42		1	245	AR
		12	45	1
		15	260	AR
		1A	265	AR
		1B	315	AR
		1C	245	AR
		1D	230	AR
		5	75	AR
		5A	65	AR
		5B	65	AR
		5C	70	AR
		5D	60	AR
		5E	60	AR
		5F	50	1
8GH007429-28		1	179C	D
			183	1
		1A	194	1
		1B	273	1
		1C	200	1
90130A013		1	283	2
			295A	2
		11	82	2
		15	275	2
		1A	303	2
		1B	335	2
		1C	260	2
		1D	245	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9323125-1		13	30	1
9323125-2		13	30A	1
			35	D
9326101-1		5	230	2
		5A	200	2
		5B	190	2
9326101-101		1L	60	16
		5	1	RF
9326101-102		1L	55	16
		5	1B	RF
			5	D
9326101-103		1L	50	1
		5A	1	RF
9326101-104		1L	45	1
		5A	1A	RF
			5	D
9326101-105		1L	70	1
		5B	1	RF
9326101-106		1L	65	1
		5B	1B	RF
			5	D
9326101-107		5	1A	RF
9326101-108		5	1C	RF
			5A	D
9326101-109		5B	1A	RF
9326101-110		5B	1C	RF
			5A	D
9326101-3		5	235	2
		5A	205	2
		5B	195	2
9326103-1		6	30	1
		6C	35	2

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326103-101		1L	10	104
		6	1	RF
9326103-107		6C	1	RF
9326103-3		6C	25	D
9326103-5		6	25	D
		6C	30	D
9326105-1		4	65	4
9326105-3		4	50	1
9326105-5		4	85	1
9326105-501		1	35	1
		3	1	RF
9326105-503		1	45	1
		3	10	D
			1E	RF
9326105-505		1	35A	1
		1A	35	1
		3	1A	RF
9326105-507		1	45A	1
		1A	40	1
		1C	30	D
		3	10A	D
			1F	RF
9326105-513		1	405	1
		1A	450	1
		4	1	D
9326105-515		1	410	1
		1A	455	1
		4	5	D
9326105-517		1	40	1
		3A	1	RF
9326105-519		1	40A	1
		3A	1A	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326107-1		1	350	6
			354	D
9326107-101		1	1	RF
		1L	80	17
9326107-102		1	10	D
			1M	RF
		1L	85	14
9326107-103		1	1A	RF
9326107-104		1	10A	D
			1N	RF
9326107-105		1	1B	RF
9326107-107		1	1C	RF
			1U	RF
		1L	80A	17
9326107-108		1	10B	D
			1P	RF
		1L	85A	14
9326107-109		1	1D	RF
			1V	RF
9326108-1		1A	395	6
9326108-101		1A	1	RF
9326108-102		1A	10	RF
9326110-101		1A	1A	RF
9326110-102		1A	10A	RF
9326110-104		1A	10B	RF
		1H	50	1
		1J	5	1
		1L	75	3
9326110-105		1B	1	RF
9326110-106		1B	10	D
			1B	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326110-107		1B	1A	RF
9326110-108		1B	10A	D
			1C	RF
9326112-4		1D	365	D
9326114-101		1C	1	RF
9326114-102		1C	1A	RF
9326115-1		1	352	D
		1A	395A	6
			397	D
		5	230A	2
			235A	2
		5A	200A	2
			205A	2
		5B	190A	2
			195A	2
		6	30A	1
		6B	20	2
		6C	35A	2
		6D	20	2
9326115-101		1	1E	RF
9326115-102		1	10C	D
			1Q	RF
9326115-103		1	1F	RF
9326115-104		1	10D	D
			1R	RF
9326115-105		1	1G	RF
9326115-107		1	1H	RF
9326115-109		1	1J	RF
9326115-110		1	10E	D
			1S	RF
9326115-111		1	1L	RF
9326115-113		1	1K	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326115-114		1	10F 1T	D RF
9326115-3		1 1A	354A 395B 399	D 6 D
9326116-101		5C	1	RF
9326116-102		5C	1H 5	RF D
9326116-103		5D	1	RF
9326116-104		5D	1B 5	RF D
9326116-105		5E	1	RF
9326116-106		5E	1H 5	RF D
9326116-107		5C	1A	RF
9326116-108		5C	1J 5A	RF D
9326116-109		5E	1A	RF
9326116-110		5E	1J 5A	RF D
9326116-111		5C	1D	RF
9326116-112		5C	1M 5D	RF D
9326116-113		5D	1A	RF
9326116-114		5D	1C 5A	RF D
9326116-115		5E	1D	RF
9326116-116		5E	1M 5D	RF D
9326116-117		5C	1E	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326116-118		5C	1N 5E	RF D
9326116-119		5E	1E	RF
9326116-120		5E	1N 5E	RF D
9326116-121		5C	1B	RF
9326116-122		5C	1K 5B	RF D
9326116-125		5E	1B	RF
9326116-126		5E	1K 5B	RF D
9326116-127		5C	1C	RF
9326116-128		5C	1L 5C	RF D
9326116-129		5E	1C	RF
9326116-130		5E	1L 5C	RF D
9326116-131		5C	1F	RF
9326116-132		5C	1P 5F	RF D
9326116-135		5E	1F	RF
9326116-136		5E	1P 5F	RF D
9326116-137		5C	1G	RF
9326116-138		5C	1Q 5G	RF D
9326116-139		5E	1G	RF
9326116-140		5E	1Q 5G	RF D

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326117-101		14	35	12
		16	35	17
		1F	15	4
			15A	6
		1J	10	8
		1K	15	22
		1L	5	56
		1N	65	5
		6	1A	RF
9326117-103		14	40	10
		16	40	17
		1F	20	D
			20A	16
		1K	20	20
		1N	80	10
		6B	1	RF
9326117-105		14	45	18
		16	45	30
		1F	25	D
		1K	30	10
		1N	85	6
		6B	1A	RF
9326117-107		14	50	20
		16	50	26
		1K	25	9
		1N	90	12
		6C	1A	RF
9326117-109		6D	1	RF
9326118-101		7A	1	RF
9326118-103		7A	1A	RF
9326119-1		7	30	4
9326119-101		7	1	RF
9326119-99		7	60	D
9326120-1		8	75	4
9326120-101		8	1	RF
9326120-103		8	1A	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326121-101		14	25	20
		16	25	19
		1D	1	RF
9326121-102		14	30	16
		16	30	14
		1D	1A	RF
9326121-103		1D	1B	RF
9326121-105		1D	1H	RF
9326121-106		1D	1J	RF
9326121-107		1D	1K	RF
9326122-102		14	90	4
		15	1	RF
		16	90	4
9326123-101		12	1	RF
		14	55	2
		16	55	2
		1K	90	2
		1N	95	1
9326124-101		14	15	19
		16	15	18
		5F	1	RF
9326124-102		14	20	19
		16	20	17
		5F	1J	RF
9326124-103		14	5	1
		16	5	1
		5F	1H	RF
9326124-104		14	10	1
		16	10	1
		5F	1I	RF
9326124-105		14	80	1
		16	80	1
		5F	1K	RF

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326124-106		14	85	1
		16	85	1
		5F	1A	RF
9326124-107		1K	75	17
		1M	30	1
		5F	1B	RF
9326124-108		1K	65	17
		1M	25	1
		5F	1C	RF
9326124-109		1K	80	1
		5F	1D	RF
9326124-110		1K	70	1
		5F	1E	RF
9326124-111		5F	1F	RF
9326124-112		5F	1G	RF
9326125-101		13	1	RF
		14	70	2
		16	70	2
		1F	5	2
		1H	70	2
		1K	35	2
9326125-102		13	1A	RF
		14	75	2
		16	75	2
		1F	10	2
		1H	75	2
		1K	40	2
9326125-3		13	20	1
		13A	20	1
9326127-101		1D	1C	RF
		1M	35	1
9326127-102		1D	1D	RF
		1K	105	14
		1M	40	1
9326127-103		1D	1E	RF
		1K	100	17

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326128-101		1D	1G	RF
9326128-102		1D	1F	RF
		1K	95	3
9326128-104		1D	1L	RF
9326130-101		5C	1R	RF
9326130-102		5C	1S	RF
9326130-103		5C	1T	RF
9326130-104		5C	1U	RF
9326130-105		5C	1V	RF
9326130-106		5C	1W	RF
9326201-1		5	242	D
			255	1
		5A	212	D
			225	1
		5B	217	1
		5C	172	D
			185	1
		5D	147	D
			160	1
		5E	162	D
			172	1
		5F	165	1
		5G	165	1
		5H	145	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326201-2		5	255A	1
			260	D
		5A	225A	1
			230	D
		5B	217A	1
			218	D
		5C	185A	1
			190	D
		5D	160A	1
			165	D
		5E	172A	1
			173	D
		5F	165A	1
			170	D
		5G	165A	1
		5H	145A	1
9326201-501		5	240	1
		5A	210	1
		5B	205	1
		5C	170	1
		5D	145	1
		5E	160	1
		5F	155	1
		5G	155	1
		5H	135	1
9326201-502		5	240A	1
			245	D
		5A	210A	1
			215	D
		5B	205A	1
			210	D
		5C	170A	1
			175	D
		5D	145A	1
			150	D
		5E	160A	1
			165	D
		5F	155A	1
		5G	155A	1
		5H	135A	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326202-1		1	417	1
			430	D
		1A	462	1
			475	D
9326202-2		1	435	1
		1A	480	1
9326202-3		1	417A	1
			430A	D
		1A	462A	1
			475A	D
		1B	457	1
			470	D
		1C	365	1
		1D	380	1
9326202-4		1	435A	1
		15	380	1
		1A	480A	1
		1B	475	1
		1C	365A	1
		1D	380A	1
9326202-501		1	415	1
		1A	460	1
9326202-502		1	420	1
		1A	465	1
9326202-503		1	415A	1
		1A	460A	1
		1B	455	1
		1C	355	1
		1D	370	1
9326202-504		1	420A	1
		15	370	1
		1A	465A	1
		1B	460	1
		1C	355A	1
		1D	370A	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326203-1		6	35	1
		6A	30	1
		6B	40	2
			40A	3
		6C	55	6
		6D	65	4
9326204-1		1	330	1
9326204-3		1	330A	1
		1C	285	1
9326204-5		1D	270	1
9326205-5		4	102	D
			92	1
9326205-505		4	90	1
9326205-507		4	95	1
9326205-7		4	103	1
9326206-1		4	120	D
9326206-3		4	120A	1
9326206-501		4	105	D
9326206-503		4	107	1
9326207-1		1	145	1
		15	160	1
		1A	150	1
		1B	230	1
		1C	155	1
9326207-11		1D	160A	1
9326207-13		1D	155A	1
9326207-3		1	140	1
		15	155	1
		1A	145	1
		1B	225	1
		1C	150	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326207-5		1	150	1
		15	165	1
		1A	155	1
		1B	235	1
		1C	160	1
		1D	165	1
9326207-501		1	125	1
		1A	130	1
		1B	220	1
		1C	135	1
9326207-503		15	150	1
		1D	140	1
9326207-505		1D	140A	1
9326207-7		1D	160	1
9326207-9		1D	155	1
9326208-1		1	103	D
		1A	110	D
		1B	190	D
		1C	110	D
9326208-3		1B	190A	D
9326208-5		1D	110	D
9326209-501		4	55	1
9326210-1		3	105	1
		3A	100	1
9326211-1		1A	370	1
		1B	395	1
9326211-2		1A	375	1
		1B	390	1
9326211-3		1D	270B	1
9326211-4		15	310	1
		1D	270A	1
9326212-14		15	300	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326212-16		15	305	1
9326212-3		1A	350	1
		1B	370	1
		1D	350	1
9326212-4		1A	355	1
		1B	375	1
		1D	365A	1
9326212-7		1A	360	1
		1B	380	1
		1D	355	1
9326212-8		1A	365	1
		1B	385	1
		1D	360	1
9326213-1		7A	70	1
9326213-2		7A	75	1
9326213-3		7A	80	1
9326213-4		7A	85	1
9326213-5		7A	90	2
9326213-7		7A	95	1
9326214-1		7A	100	1
9326214-3		7A	105	1
9326215-1		3	145	1
		3A	135	1
9326221-1		5	175	1
		5A	145	1
		5B	140	1
		5C	120	1
		5D	95	1
		5E	110	1
9326221-3		5C	120A	1
		5F	95	1
		5G	100	1
		5H	80	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326222-1		4	80	2
9326223-1		5	170	1
		5A	140	1
		5B	135	1
		5C	115	1
		5D	90	1
		5E	105	1
		5F	90	1
		5G	95	1
		5H	75	1
9326224-1		5	165	1
		5A	135	1
		5B	130	1
		5C	110	1
		5D	85	1
		5E	100	1
		5F	85	1
		5G	90	1
		5H	70	1
9326225-3		1	250	1
		1A	270	1
		5	95	1
		5A	85	1
		5B	70	1
9326225-4		1	255	1
		1A	275	1
		5	100	D
			95B	1
		5A	85B	1
			90	D
		5B	70B	1
			75	D
9326225-509		1	230	1
		5	60	1
		5A	50	1
		5B	50	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326225-511		1	230A	1
		1A	250	1
		1B	300	1
		1C	230	1
		5C	55	1
		5D	45	1
		5E	45	1
9326226-501		3	150	1
		3A	140	1
9326227-1		3	135	1
		3A	130A	1
9326227-3		3	140	1
		3A	130	1
9326228-1		4	60	1
9326232-1		1	93	1
		15	85	1
		1A	85	1
			97	1
		1B	110	1
			150	1
		1C	85	1
9326232-3		1D	85	1
		9	20	1
9326232-501		1	89	1
		1A	81	1
			93	1
		1B	100	1
			140	1
		1C	75	1
9326232-503		15	75	1
		1D	75	1
		9	10	2
9326233-1		1E	40	1
		1J	25	1
		1K	60	1
		1L	30	1
		1M	20	1
		1N	20	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326233-501		14	95	18
		16	95	20
		1E	30	2
		1J	15	22
		1K	50	22
		1L	20	2
			20A	2
			20B	2
		1M	10	8
		1N	10	2
9326234-1		10	40A	1
9326234-11		10	35	1
9326234-13		10	30	1
9326234-15		10	35B	1
9326234-17		10	30B	1
9326234-3		10	35A	1
9326234-5		10	30A	1
9326234-501		10	1A	RF
		1L	35	6
9326234-503		10	5	1
9326234-505		10	1B	RF
9326234-507		10	1	RF
		1K	85	6
9326234-7		10	10	1
9326234-9		10	40	1
9326235-501		1	85	1
9326235-503		1L	40	40
			40A	40
		9	1	RF
9326235-507		1A	77	1
9326235-508		1A	89	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326235-509		1	85A	1
		1C	60	1
9326235-511		1B	90	1
9326235-512		1B	130	1
9326235-513		1	85B	1
9326235-515		1D	55B	1
9326235-516		15	65	1
		1D	55A	1
9326235-517		1D	55	1
9326236-1		1	95	1
		1D	70	1
9326236-3		1B	115	1
			155	1
		9	25	1
9326236-5		1A	87	1
		1B	165	1
		1D	70B	1
9326236-6		15	90	1
		1A	99	1
		1B	125	1
		1D	70A	1
9326236-7		1	95A	1
		1C	70	1
9326236-9		1	95B	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326238-1		5	145A	1
			95A	1
		5A	115A	1
			85A	1
		5B	110B	1
			70A	1
		5C	90	1
		5D	65	1
		5E	80	1
		5F	65	1
		5G	75	1
		5H	55	1
9326238-2		5	100A	D
			145C	1
			150A	D
			95C	1
		5A	115C	1
			120A	D
			85C	1
			90A	D
		5B	110D	1
			115A	D
			70C	1
			75A	D
		5C	90A	1
			95	D
		5D	65A	1
			70	D
		5E	80A	1
			85	D
		5F	65A	1
			70	D
		5G	75A	1
		5H	55A	1
9326238-3		1	315A	1
			317	1
		1A	337	1
		1B	350	1
		1C	270	1
		1D	255	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326238-4		1	320A	1
			322	1
		15	220	1
		1A	342	1
		1B	355	1
		1C	270A	1
		1D	255A	1
9326238-5		1	210A	1
		15	285	1
		1A	225A	1
		1B	280	1
		1C	215	1
		1D	200	1
9326238-7		7A	5	1
9326238-9		7A	30	1
9326239-1		1	320	1
		1A	340	1
		5B	110A	D
9326239-11		6B	25	2
9326239-13		6B	25A	2
9326239-15		6C	40	2
		6D	50	1
9326239-2		1	315	1
		1A	335	1
9326239-23		3	120	1
		3A	115	1
9326239-29		6D	35	1
9326239-3		1	210	1
		1A	225	1
9326239-31		15	195	1
		1A	179	1
		1B	265	1
		1D	335	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326239-501		5	145	1
		5A	115	1
		5B	110	1
9326239-502		5	145B	1
			150	D
		5A	115B	1
			120	D
		5B	110C	1
			115	D
9326239-503		4	35	1
9326239-507		3	60	1
9326239-509		3	65	1
		3A	65	1
9326239-510		3A	60	1
9326239-511		3	63	1
9326239-9		4	48	1
9326240-1		4	10	1
9326240-3		4	15	1
9326244-1		4	70	2
9326244-3		4	75A	2
9326244-5		4	75	D
9326250-1		7	55	1
9326250-3		8	100	1
9326250-501		7	45	1
9326250-503		8	90	1
9326250-505		8	90A	1
9326250-99		7	60A	AR
9326255-1		7	35	1
9326255-11		6	70B	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326255-3		8	80	1
9326255-7		6	70	1
9326255-9		6	70A	1
9326256-1		8	45	1
9326256-3		8	35	1
9326256-501		8	20	2
9326257-1		12	5	1
9326258-1		12	85	1
9326259-1		12	105	1
9326259-2		12	100	1
9326259-3		12	95	1
9326259-5		12	90	1
9326260-1		12	60	1
9326261-501		12	30	1
		15	245	1
		1D	215	1
		5C	55A	1
		5F	35	1
		5G	45	1
		5H	35	1
9326715-1		1	170	1
		15	185	1
		1A	175	1
		1B	255	1
		1C	180	1
		1D	185	1
9326720-501		1	275	1
9326720-502		1	280	1
9326720-503		1	275A	1
		1A	295	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326720-504		1	280A	1
		1A	300	1
9326725-501		1	155	1
		15	170	1
		1A	160	1
		1B	240	1
		1C	165	1
		1D	170	1
9326726-501		1	99	1
		1A	107	1
		1B	180	1
		1C	95	1
9326726-503		1B	180A	1
9326726-505		15	110	1
		1D	90	1
9326726-507		1D	90A	1
9326727-501		1	110	1
		15	130	1
		1A	113	1
		1B	205	1
		1C	120	1
		1D	125	1
9326727-505		1D	125A	1
9326728-501		1	102A	1
		1A	109A	1
		1B	185	1
		1C	105	1
9326728-503		1B	185A	1
9326728-505		15	115	1
		1D	105	1
9326728-507		1D	105A	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326730-501		1	20	1
		1A	20	1
		1B	20	1
		1C	5	1
		1D	5	1
		2	1	D
9326730-503		1	25	1
		15	5	1
		1A	25	1
		1B	25	1
		1C	5A	1
		1D	5A	1
		2	5	D
9326730-505		5	35	1
		5C	30	1
		5F	20	1
		5G	25	1
9326730-507		5	35A	1
			40	D
		5C	30A	1
			35	D
		5F	20B	1
		5G	25A	1
9326730-509		5A	30	1
		5C	30B	1
		5D	25	1
		5F	20C	1
		5H	20	1
9326730-511		5A	30A	1
			35	D
		5C	30C	1
		5D	25A	1
			30	D
		5F	20D	1
		5H	20A	1
9326730-513		5B	30	1
		5C	30D	1
		5E	25	1
		5F	20E	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9326730-515		5B	30A	1
			35	D
		5C	30E	1
		5E	25A	1
			30	D
		5F	20A	1
9326735-1		5B	200	1
		5C	168	1
		5E	158	1
			175	D
		5F	150	1
9326752-501		1	275B	D
			277	1
		11	84B	D
			87A	1
		1A	297	1
		1B	320	1
		1C	250	1
		1D	235	1
9326752-502		1	280B	D
			281	1
		15	265	1
		1A	301	1
		1B	325	1
		1C	250A	1
		1D	235A	1
9327432-1		11	35	1

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9452K71		1	91	1
		14	100	40
		15	80	1
		16	100	37
		1A	83	1
			95	1
		1B	105	1
			145	1
		1C	80	1
		1D	80	1
		1E	35	1
			45	2
		1F	40	40
			40A	20
		1H	40	36
		1J	20	1
			30	40
		1K	45	40
			55	1
		1L	15	40
			25	1
		1M	15	1
			5	42
		1N	15	1
			5	22
		9	15	1
94807A024		1	400	1
		1A	445	1
		1B	450	1
		1C	350	1
		5	180	1
		5A	150	1
		5B	145	1
		5C	125	1
		5D	100	1
		5E	115	1
95390A316		1	240	1
		5	70	1
		5A	60	1
		5B	60	1
9600K19		3	100	1
		3A	95	1

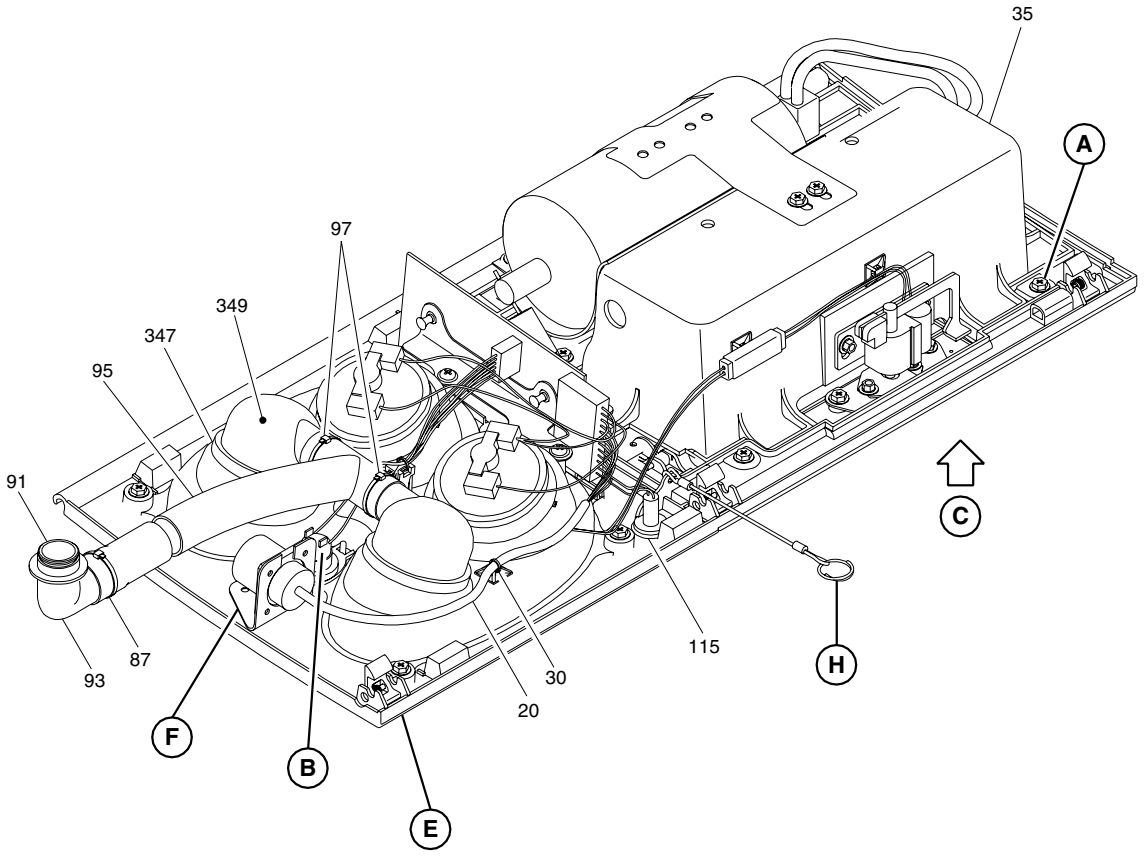
PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
961W12G5K28HNW9		1	120A	1
		15	140	1
		1A	120	1
		1B	215	1
		1C	130	1
		1D	135	1
961W12NKB28HNW9		1D	135A	1
961WG5K28HNW9		1	120	D
9BG408684-23		1	179D	D
			184	1
		1A	194A	1
		1B	275	1
			275A	D
		1C	205	1
9EL408685-23		1	179B	D
			182	1
		1A	193	1
		1B	271	1
			271A	D
		1C	195	1
9NU402129-22		1	179A	D
			181	1
		1A	192	1
		1B	269	1
		1C	190	1
9NU408985-10		15	190	1
		1A	177	D
		1B	260	D
		1D	330A	1
9NU408986-10		1D	330	D

DETAILED PARTS LIST

9326115–101
9326115–103
9326115–105
9326115–107
9326115–109
9326115–111
9326115–113

SHOWN

(LH SIDE)



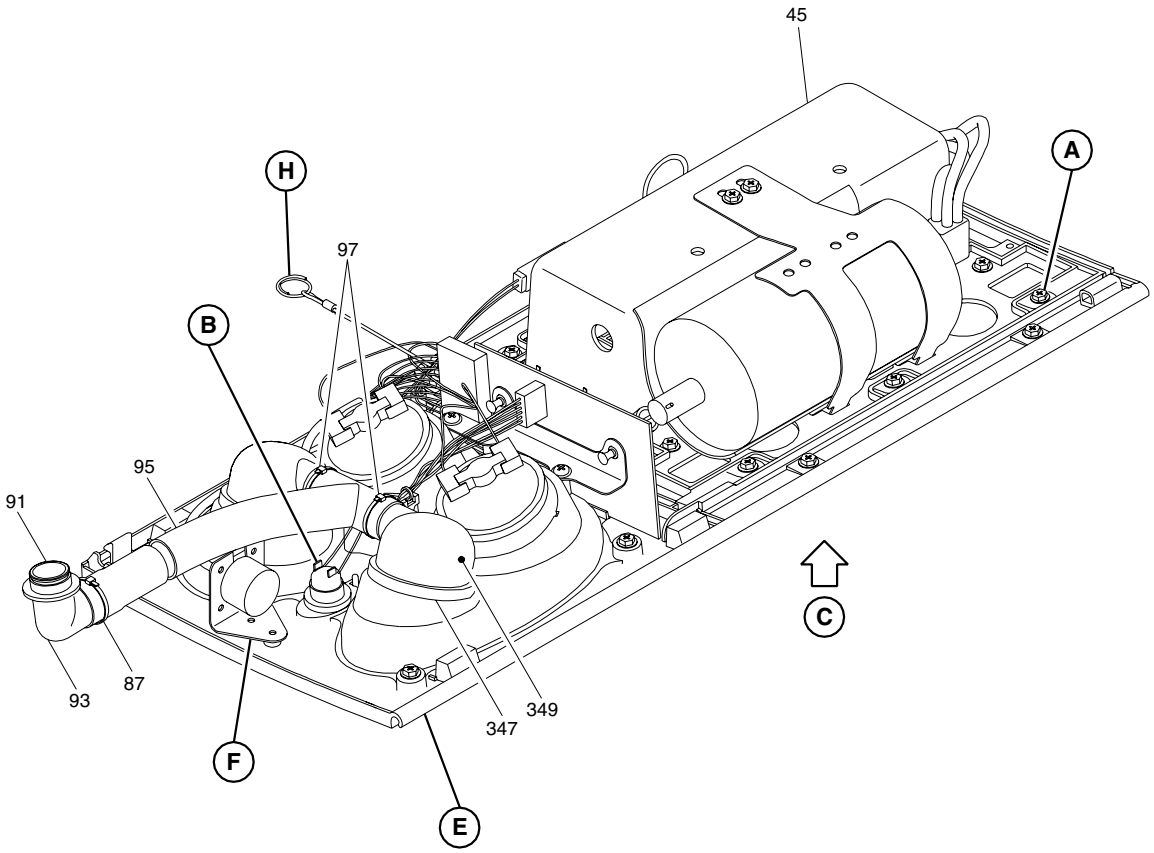
2528480101

Left-Hand Passenger Service Unit Assembly
(Sheet 1 of 6)
Figure 1/GRAPHIC 25-28-48-99b-001-A01

9326115–102
9326115–104
9326115–110
9326115–114

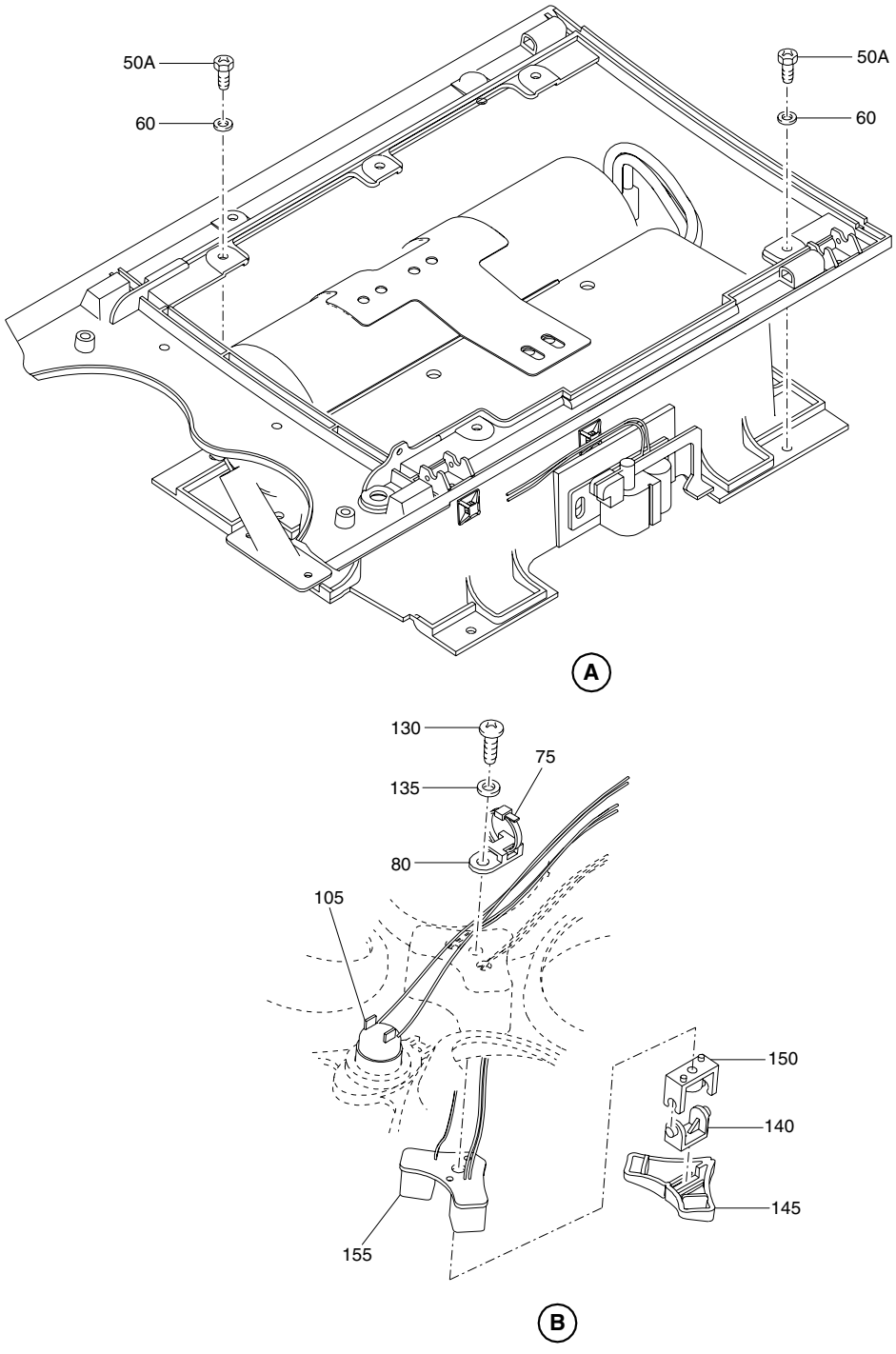
SHOWN

(RH SIDE)

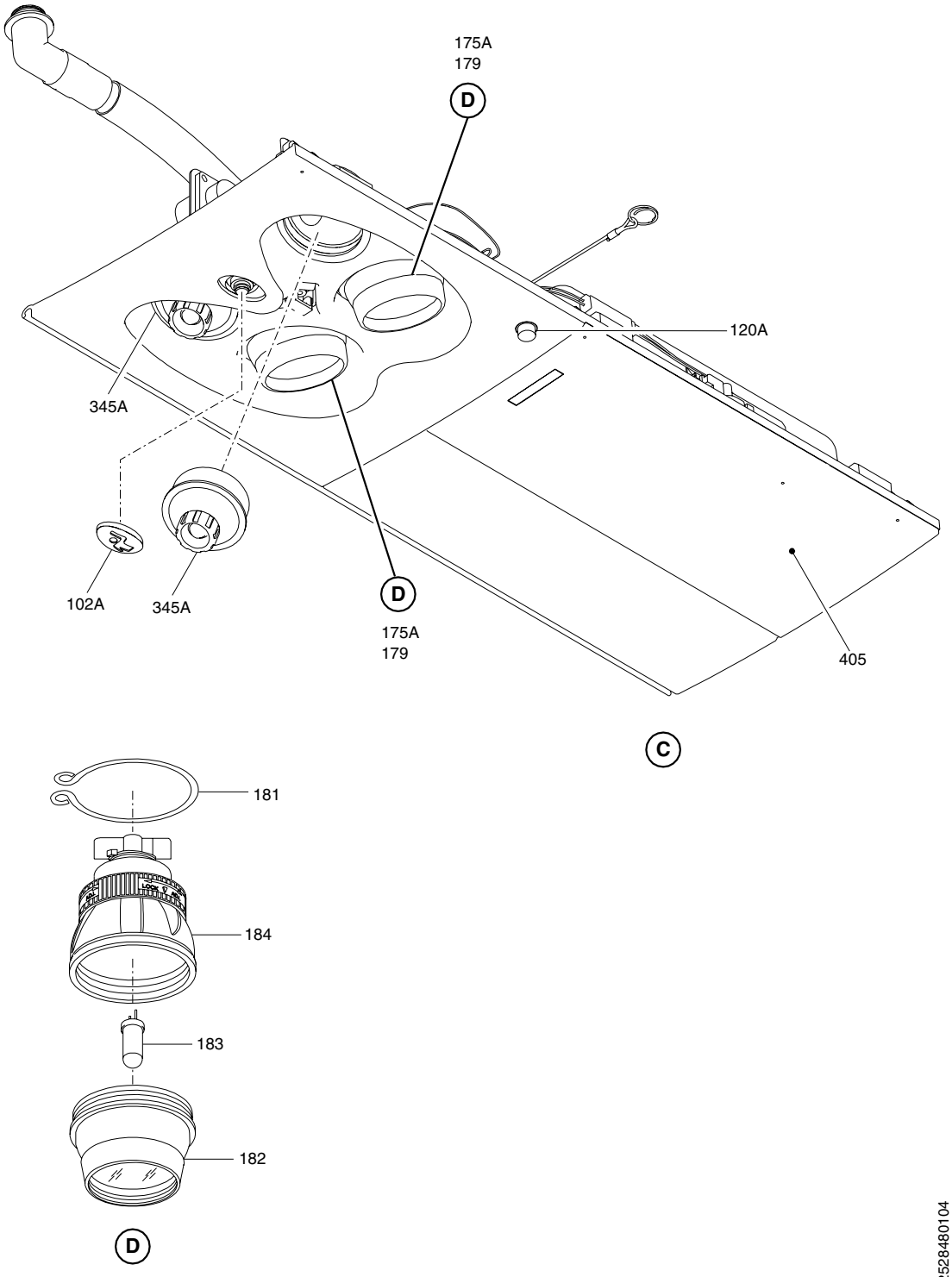


2528480102

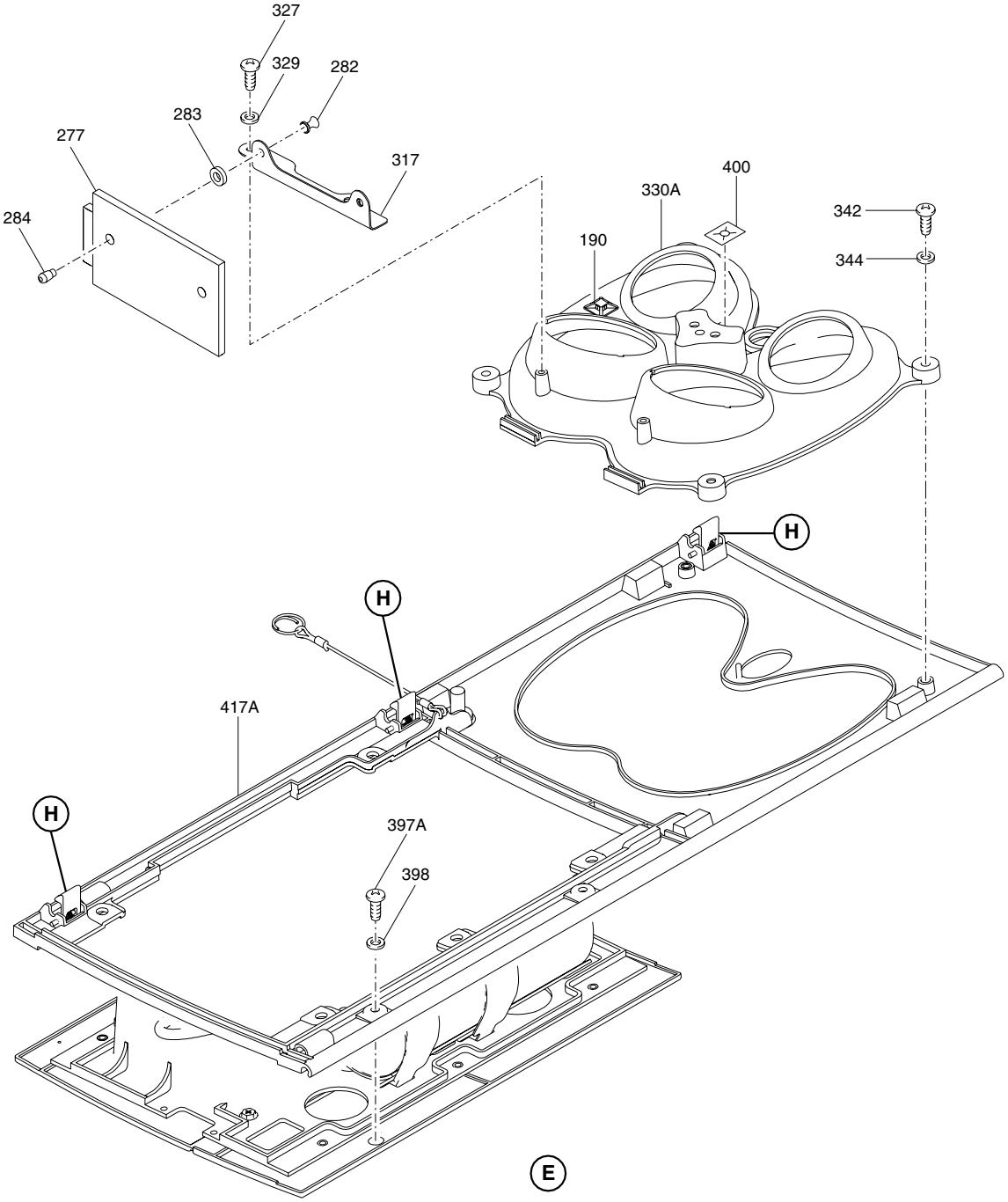
Left-Hand Passenger Service Unit Assembly
(Sheet 2 of 6)
Figure 1/GRAPHIC 25-28-48-99b-001-A01



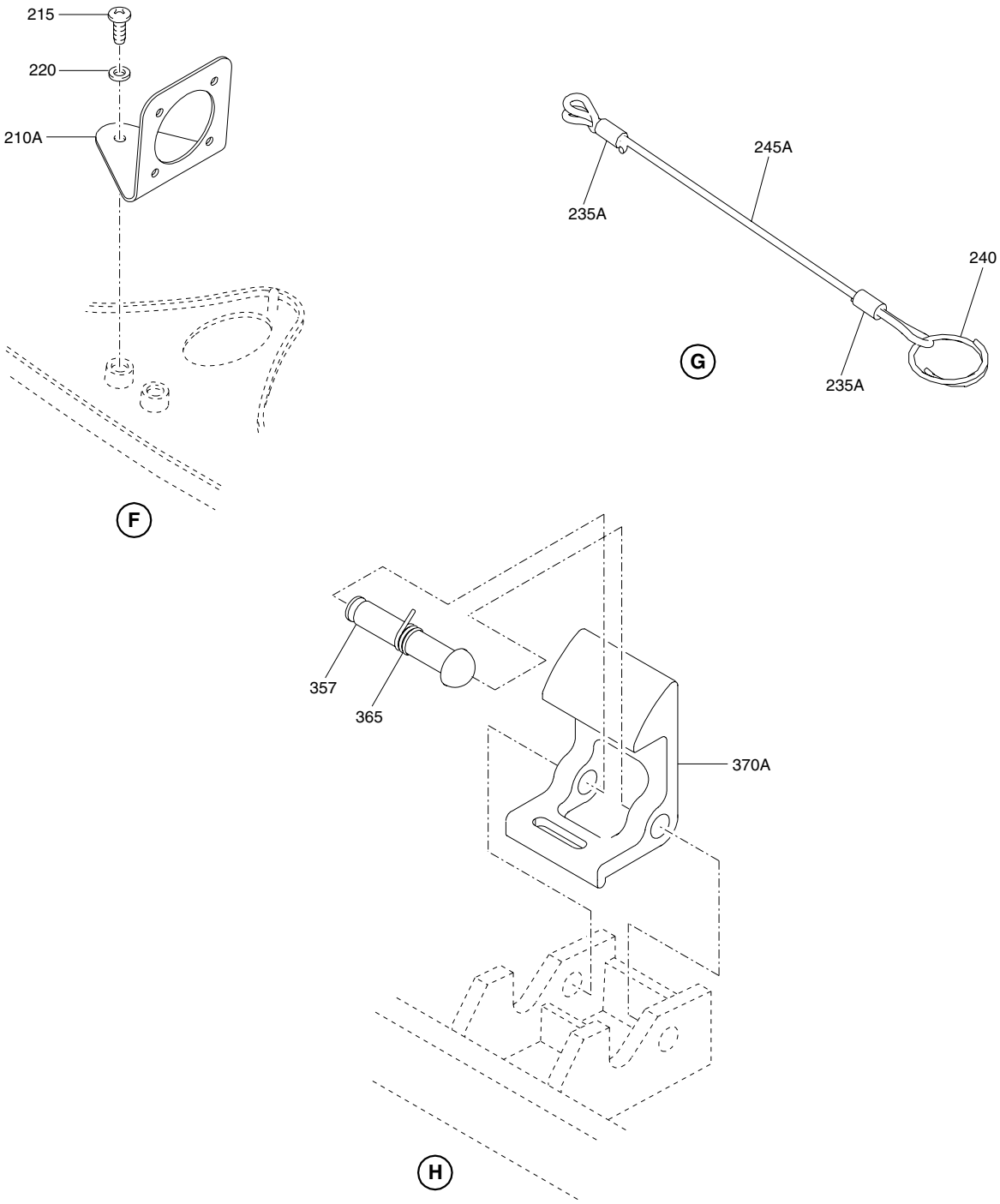
Left-Hand Passenger Service Unit Assembly
(Sheet 3 of 6)
Figure 1/GRAPHIC 25-28-48-99b-001-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 4 of 6)
Figure 1/GRAPHIC 25-28-48-99b-001-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 5 of 6)
Figure 1/GRAPHIC 25-28-48-99b-001-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 6 of 6)
Figure 1/GRAPHIC 25-28-48-99b-001-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 1	9326107-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES) SEE FIG. 1L FOR NHA SUPSD BY ITEM -1C	A	RF
– 1A	9326107-103		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES) RPLD BY ITEM -1F	B	RF
– 1B	9326107-105		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) RPLD BY ITEM -1G	C	RF
– 1C	9326107-107		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES) SEE FIG. 1L FOR NHA RPLD BY ITEM -1E SUPSDS ITEM -1	D	RF
– 1D	9326107-109		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) RPLD BY ITEM -1H	E	RF
– 1E	9326115-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES) RPLS ITEM -1C	F	RF
– 1F	9326115-103		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES) RPLS ITEM -1A	G	RF
– 1G	9326115-105		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) RPLS ITEM -1B	H	RF
– 1H	9326115-107		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) RPLS ITEM -1D	J	RF

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 1J	9326115-109		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES)	K	RF
– 1K	9326115-113		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES)	L	RF
– 1L	9326115-111		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES)	M	RF
– 1M	9326107-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1L FOR NHA SUPSD BY ITEM -1P	N	RF
– 1N	9326107-104		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) RPLD BY ITEM -1R	P	RF
– 1P	9326107-108		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1L FOR NHA RPLD BY ITEM -1Q SUPSDS ITEM -1M	Q	RF
– 1Q	9326115-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) RPLS ITEM -1P	R	RF
– 1R	9326115-104		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) RPLS ITEM -1N	S	RF
– 1S	9326115-110		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES)	T	RF
– 1T	9326115-114		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES)	U	RF

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 1U	9326107-107		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES) SEE FIG. 1L FOR NHA PRE SB 9326001-25-02	V	RF
– 1V	9326107-109		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) ADDED POST SB 9326001-25-02	W	RF
– 10	9326107-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) (MOVED TO ITEM -1M) SUPSD BY ITEM -10B	N	D
– 10A	9326107-104		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) (MOVED TO ITEM -1N) RPLD BY ITEM -10D	P	D
– 10B	9326107-108		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) (MOVED TO ITEM -1P) RPLD BY ITEM -10C SUPSDS ITEM -10	Q	D
– 10C	9326115-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) (MOVED TO ITEM -1Q) RPLS ITEM -10B	R	D
– 10D	9326115-104		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) (MOVED TO ITEM -1R) RPLS ITEM -10A	S	D
– 10E	9326115-110		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) (MOVED TO ITEM -1S)	T	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 10F	9326115-114		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) (MOVED TO ITEM -1T)	U	D
20	9326730-501		. WIRE HARNESS ASSY, PSU (LH SIDE)	A-M, V,W	1
– 25	9326730-503		. WIRE HARNESS ASSY, PSU (RH SIDE)	N-U	1
30	MS3367-4-9		. CABLE TIE		1
– 30A	MS3367-4-9		. DELETED (INC BY MISTAKE)		D
– 32	170-45513-001		. PAD, FOAM	F-M, R-U	1
– 33	SRV0-3080		. DELETED	F-M, R-U	D
35	9326105-501		. OXYGEN BOX ASSY (2 MAN, 13 MINUTES) SEE FIG. 3 FOR DET	A,D,V	1
– 35A	9326105-505		. OXYGEN BOX ASSY (2 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	B	1
– 35B	3868105-501		. OXYGEN BOX ASSY (2 MAN, 13 MINUTES) SEE FIG. 3 FOR DET	F,K,L	1
– 35C	3868105-505		. OXYGEN BOX ASSY (2 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	G	1
– 40	9326105-517		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 3A FOR DET	C	1
– 40A	9326105-519		. OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	E,W	1
– 40B	3868105-509		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 3A FOR DET	H	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 40C	3868105-511		. OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	J,M	1
45	9326105-503		. OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 3 FOR DET	N,Q	1
– 45A	9326105-507		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	P	1
– 45B	3868105-503		. OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	R,T,U	1
– 45C	3868105-507		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 3A FOR DET	S	1
			ATTACHING PARTS		
– 50	MS24693S28		. SCREW (TRUE PN MS24693-S28) SUPSD BY ITEM 50A	A-E, N-Q, V,W	5
50A	NAS1096-1-5		. SCREW SUPSDS ITEM -50		5
– 55	CD1372-1AL		. DELETED	A-E, N-Q, V,W	D
60	NAS1149DN616K		. WASHER		5
– 65	MS21042L06		. DELETED	A-E, N-Q, V,W	D
– 67	NAS1096-1-5		. SCREW (MOVED TO ITEM 50A)		D
– 68	NAS1149DN616K		. DELETED (INC BY MISTAKE)		D
			* * *		
– 70	104257-5		. CONNECTOR (V00779)		1
75	MS3367-4-9		. CABLE TIE		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 80	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)	F-M, R-U	1
– 85	9326235-501		. HOSE ASSY, AIR	A-E, N-Q, V,W	1
– 85A	9326235-509		. HOSE ASSY, AIR	K,M,T	1
– 85B	9326235-513		. HOSE ASSY, AIR	L,U	1
87	MS3367-4-9		. . CABLE TIE		1
– 89	9326232-501		. . CONNECTOR ASSY, MALE		1
91	9452K71		. . . O-RING (V3A054)		1
93	9326232-1		. . . CONNECTOR, MALE		1
95	9326236-1		. . AIR HOSE	A-E, N-Q, V,W	1
– 95A	9326236-7		. . AIR HOSE	K,M,T	1
– 95B	9326236-9		. . AIR HOSE	L,U	1
97	MS3367-4-9		. CABLE TIE		2
– 99	9326726-501		. SWITCH ASSY, ATT CALL		1
– 102	P8-7000012		. . SWITCH CAP ASSY (V0UL03) SUPSD BY ITEM 102A		1
102A	9326728-501		. . CAP ASSY, SWITCH SUPSDS ITEM -102		1
– 103	9326208-1		. . . DELETED		D
– 104	P8-7000014		. . . DELETED		D
– 104A	P8-7000012		. . . SWITCH CAP ASSY (V0UL03)		1
105	104479-7		. . CONTACT, SOCKET (V00779)		2
– 106	MS3367-4-9		. . CABLE TIE		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 107	CDEL005-9326726		. . LABEL (TRUE PN CDEL005-9326726-501)		1
– 110	9326727-501		. LIGHT ASSY, ATT CALL		1
115	770258-1		. . CONTACT, CRIMP (V3V5D8)		2
– 120	961WG5K28HNW9		. . LED, ATT L3 (V3V5D8) (TRUE PN 961W-G5K28H-NW9) (INCORRECT PN)		D
120A	961W12G5K28HNW9		. . LED, ATT (V15513) (TRUE PN 961W12-G5K28H-NW9) (CORRECT PN)		1
– 121	MS3367-4-9		. . CABLE TIE		2
– 122	CDEL005-9326727		. . LABEL (TRUE PN CDEL005-9326727-501)		1
– 123	CD1275L3		. PLACARD (BONDED) (TRUE PN CD 1275-'L3') SUPSD BY ITEM -123A	A-E, N-Q	1
– 123A	RUBBERSTAMP		. PLACARD (BONDED) (TRUE PN RUBBER STAMP) SUPSDS ITEM -123	A-E, N-Q, V,W	1
– 125	9326207-501		. SWITCH CAP ASSY, READING LIGHT		1
			ATTACHING PARTS		
130	MS51861-26		. SCREW	A-E, N-Q, V,W	1
– 130A	MS24625-21		. SCREW	F-M, R-U	1
135	NAS1149DN616K		. WASHER		1
			* * *		
140	9326207-3		. . ROCKER		1
145	9326207-1		. . CAP, LIGHT SWITCH		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 150	9326207-5		. BASE, ROCKER		1
155	9326725-501		. PCB ASSY, SWITCH		1
– 160	104479-7		. . CONTACT, SOCKET (V00779) (ALT PN 1-104479-3- V00779) (ALT PN 104479-4- V00779)		4
– 165	K12ABK15N		. . SWITCH, KEY (V71468)		2
– 170	9326715-1		. . PCB ARTWORK		1
– 172	M2275941-22-9		. . WIRE, 22-AWG (TRUE PN M22759/41-22-9)		AR
– 175	10-1701-1F		. LIGHT, READING (V72914) SUPSD BY ITEM 175A	A-E, N-Q	2
175A	CDSP4641-3		. LIGHT, READING SUPSDS ITEM -175		2
– 176	11-6755-1F		. . DELETED	A-E, N-Q	D
– 177	55-2253-5		. . DELETED	A-E, N-Q	D
179	2LA007278-23		. LIGHT ASSY, READING (VD8095) (SPECIFICATION NUMBER CDSP4641-3)	F-M, R-U	2
– 179A	9NU402129-22		. . RING, SPRING (MOVED TO ITEM 181)	F-M, R-U	D
– 179B	9EL408685-23		. . LENS ASSY, HOUSING (MOVED TO ITEM 182)	F-M, R-U	D
– 179C	8GH007429-28		. . LAMP, INCANDESCENT (MOVED TO ITEM 183)	F-M, R-U	D
– 179D	9BG408684-23		. . HOUSING ASSY (MOVED TO ITEM 184)	F-M, R-U	D
– 180	CD1275L1		. PLACARD (TRUE PN CD 1275-'L1') (MOVED TO ITEM -186)	A-E, N-Q	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 181	9NU402129-22		. . RING, SPRING (VD8095)	F-H,J-M, R-U	1
182	9EL408685-23		. . LENS ASSY, HOUSING (VD8095)	F-H,J-M, R-U	1
183	8GH007429-28		. . LAMP, INCANDESCENT (VD8095)	F-H,J-M, R-U	1
184	9BG408684-23		. . HOUSING ASSY (VD8095)	F-H,J-M, R-U	1
– 185	CD1275L2		. PLACARD (TRUE PN CD 1275-'L2') (MOVED TO ITEM -187)	A-E, N-Q	D
– 186	CD1275L1		. PLACARD (BONDED) (TRUE PN CD 1275-'L1') SUPSD BY ITEM -186A	A-E, N-Q	1
– 186A	RUBBERSTAMP		. PLACARD (BONDED) (TRUE PN RUBBER STAMP) SUPSDS ITEM -186	A-E, N-Q,V, W	1
– 187	CD1275L2		. PLACARD (BONDED) (TRUE PN CD 1275-'L2') SUPSD BY ITEM -187A	A-E, N-Q	1
– 187A	RUBBERSTAMP		. PLACARD (BONDED) (TRUE PN RUBBER STAMP) SUPSDS ITEM -187	A-E, N-Q,V, W	1
190	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)		1
– 195	NAS1801-04-6		. SCREW	A-E, N-Q, V,W	4
– 195A	NAS1801-04-5		. DELETED (INC BY MISTAKE)		D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 200	NAS620-4L		. WASHER	A-E, N-Q, V,W	8
– 205	MS21042L04		. NUT	A-E, N-Q, V,W	4
– 206	SRV0-3080		. RIVET, SNAP (V6B3V9)	F-M, R-U	4
– 210	9326239-3		. BRACKET SUPSD BY ITEM 210A	A-E, N-Q	1
210A	9326238-5		. BRACKET SUPSDS ITEM -210		1
			ATTACHING PARTS		
215	NAS1096-1-3		. SCREW		2
220	NAS1149DN616K		. WASHER		2
			* * *		
– 225	CD1275J3		. PLACARD (BONDED) (TRUE PN CD 1275-'J3') SUPSD BY ITEM -225A	A-E, N-Q	1
– 225A	RUBBERSTAMP		. PLACARD (BONDED) (TRUE PN RUBBER STAMP) SUPSDS ITEM -225	A-E, N-Q, V,W	1
– 230	9326225-509		. LANYARD ASSY	A,D,E, N,Q,V, W	1
– 230A	9326225-511		. LANYARD ASSY	B,C, F-M,P, R-U	1
– 235	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 235A	B,C, F-M,P, R-U	2
235A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -235		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 240	95390A316		. . RING, SPLIT (V3A054)	A,D,E, N,Q,V, W	1
– 240A	86805T34		. . RING, SPLIT (V3A054)	B,C, F-M,P, R-U	1
– 245	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 245A		AR
245A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -245		AR
– 250	9326225-3		. BRACKET, LH	A-E,V, W	1
– 255	9326225-4		. BRACKET, RH	N-Q	1
			ATTACHING PARTS		
– 260	NAS1096-1-6		. SCREW	A-E, N-Q,V, W	1
– 265	NAS1149DN616K		. WASHER	A-E, N-Q,V, W	1
			* * *		
– 270	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED)	A-E, N-Q,V, W	1
– 275	9326720-501		. PCB ASSY, LH SIDE	A	1
– 275A	9326720-503		. PCB ASSY, LH SIDE (ALT PN 9326752-501)	B-E,V, W	1
– 275B	9326752-501		. DELETED	F-M	D
277	9326752-501		. PCB ASSY	F-M	1
– 280	9326720-502		. PCB ASSY, RH SIDE	N	1
– 280A	9326720-504		. PCB ASSY, RH SIDE (ALT PN 9326752-502)	P,Q	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 280B	9326752-502		. DELETED	R-U	D
– 281	9326752-502		. PCB ASSY, RH SIDE	R-U	1
282	HN3P33-4-1		. NYLATCH, PLUNGER (V83014) (TRUE PN HN3P-33-4-1)	F-M, R-U	2
283	90130A013		. SPACER	F-M, R-U	2
284	HN3G33-1		. NYLATCH, GROMMET (V83014) (TRUE PN HN3G-33-1)	F-M, R-U	2
– 285	NAS1096-1-3		. SCREW SUPSD BY ITEM -285A	A-E, N-Q	3
– 285A	HN3G33-1		. NYLATCH, GROMMET (TRUE PN HN3G-33-1) SUPSDS ITEM -285	A-E, N-Q,V, W	2
– 290	5610-44-20		. DELETED	A-E, N-Q,V, W	D
– 295	2209		. SPACER, PCB SUPSD BY ITEM -295A	A-E, N-Q	2
– 295A	90130A013		. SPACER SUPSDS ITEM -295	A-E, N-Q,V, W	2
– 300	NAS1096-1-5		. SCREW SUPSD BY ITEM -300A	A-E, N-Q	1
– 300A	HN3P33-4-1		. NYLATCH, PLUNGER (TRUE PN HN3P-33-4-1) SUPSDS ITEM -300	A-E, N-Q,V, W	2
– 301	19373-057K		. . DELETED	A-E	D
– 302	19560		. . DELETED	A-E	D
– 303	R452-002		. . DELETED	F-L	D
– 304	154-002T		. . DELETED	F-I	D
– 305	MS3367-4-9		. CABLE TIE	A-E, N-Q,V, W	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 310	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)	A-E, N-Q,V, W	1
– 315	9326239-2		. BRACKET, PCB SUPSD BY ITEM -315A	A-E	1
– 315A	9326238-3		. BRACKET, PCB SUPSDS ITEM -315	A-E,V, W	1
317	9326238-3		. BRACKET, PCB	F-M	1
– 320	9326239-1		. BRACKET, PCB SUPSD BY ITEM -320A	N-Q	1
– 320A	9326238-4		. BRACKET SUPSDS ITEM -320	N-Q	1
– 322	9326238-4		. BRACKET, PCB	R-U	1
			ATTACHING PARTS		
– 325	MS51861-24		. SCREW	A-E, N-Q,V, W	2
327	MS24625-19		. SCREW	F-M, R-U	2
329	NAS1149DN616K		. WASHER	F-M, R-U	2
			* * *		
– 330	9326204-1		. BUCKET, LIGHT / GASPER AIR SUPSD BY ITEM 330A	A-E, N-Q	1
330A	9326204-3		. BUCKET, LIGHT / GASPER AIR SUPSDS ITEM -330		1
			ATTACHING PARTS		
– 335	NAS1096-1-5		. SCREW	A-E, N-Q,V, W	3
– 340	S5124682-208-3		. WASHER (V6W912) (SPECIAL OVERSIZE) (INCORRECT PN)	A-E	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 340A	S124682-2D8-3		. WASHER, FLAT (V88277) (SPECIAL OVERSIZE) (CORRECT PN) SUPSD BY ITEM -340B	A-E, N-Q	3
– 340B	NAS1149DN616K		. WASHER (SPECIAL OVERSIZE) SUPSDS ITEM -340A	A-E, N-Q,V, W	3
342	NAS1096-1-5		. SCREW	F-M, R-U	4
344	NAS1149DN616K		. WASHER	F-M, R-U	4
			* * *		
– 345	4185-2		. AIR OUTLET (V1TEF0) SUPSD BY ITEM 345A	A-E, N-Q	2
345A	CDSP4500-503B		. AIR OUTLET (TRUE PN CDSP4500-503-B) (REFER TO CMM 21-21-12 FOR DET) SUPSDS ITEM -345		2
347	CDSP4514-501		. CLAMP, PLENUM CAP		2
349	CDSP4645-1		. CAP, PLENUM		2
– 350	9326107-1		. FOAM, PAD SUPSD BY ITEM -350A	A-E, N-Q	6
– 350A	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -350	A-E, N-Q,V, W	6
– 352	9326115-1		. DELETED	A-E	D
– 352A	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM -352B	F-J	6
– 352B	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -352A	F-M, R-U	6
– 353	CDEX0633-7		. PAD, ANTI-RATTLE (MOVED TO ITEM -352B)	F-M, R-U	D
– 354	9326107-1		. DELETED	F-L	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 354A	9326115-3		. DELETED	A-L	D
– 355	MS16633-4009		. RING, RETAINING	A-E, N-Q,V, W	6
357	MS20470B3-13		. PIN	F-M, R-U	3
– 360	7271023-1		. PIN, PSU LATCH SUPSD BY ITEM -360A	A-E, N-Q	3
– 360A	MS20470B3-13		. PIN SUPSDS ITEM -360	A-E, N-Q,V, W	3
365	T025-180-140L		. SPRING, TORSION (V74197)		3
– 370	7271022-1		. LATCH SUPSD BY ITEM 370A	A-E,N-Q	3
370A	7271022-3		. CATCH, PSU LATCH SUPSDS ITEM -370		3
– 375	MS3367-4-9		. CABLE TIE		1
– 380	NAS1096-1-4		. SCREW	A-E, N-Q,V, W	3
– 385	NAS1149DN616K		. WASHER	A-E, N-Q,V, W	3
– 390	NAS1096-1-3		. SCREW SUPSD BY ITEM -390A	A-E, N-Q	2
– 390A	NAS1096-1-4		. SCREW SUPSDS ITEM -390	A-E, N-Q,V, W	2
– 395	S124682-208-3		. DELETED	A-E, N-Q	D
– 395A	S124682-2D8-3		. WASHER, FLAT (V88277) (SPECIAL OVERSIZE) SUPSD BY ITEM -395B	A-E, N-Q	2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 395B	NAS1149DN616K		. WASHER SUPSDS ITEM -395A	A-E, N-Q,V, W	2
– 397	NAS1096-1-5		. DELETED	F-J	D
397A	NAS1096-1-4		. SCREW	F-M, R-U	2
398	NAS1149DN616K		. WASHER	F-M, R-U	2
400	94807A024		. NUT, SPEED (V3A054) (PUSH ON)		1
– 400A	C00720-012-4		. NUT, SPEED (V78553) (ALT TO ITEM 400)	F-M, R-U	1
405	9326105-513		. PANEL ASSY, DOOR/FACE (LH)	A-E,V, W	1
– 410	9326105-515		. PANEL ASSY, DOOR/FACE (RH)	N-Q	1
– 415	9326202-501		. PANEL ASSY, OXYGEN/LIGHT/ GASPER AIR SUPSD BY ITEM -415A	A-E	1
– 415A	9326202-503		. PANEL ASSY, OXYGEN/LIGHT/ GASPER AIR SUPSDS ITEM -415	A-M, V,W	1
– 416	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	A-M,V, W	6
– 417	9326202-1		. . PANEL, OXYGEN/LIGHT/ GASPER AIR (USED ON PN 9326202-501)	A-E	1
417A	9326202-3		. . PANEL, OXYGEN/LIGHT/ GASPER AIR (USED ON PN 9326202-503)	A-M, V,W	1
– 420	9326202-502		. PANEL ASSY, OXYGEN/LIGHT/ GASPER AIR SUPSD BY ITEM -420A	N-Q	1

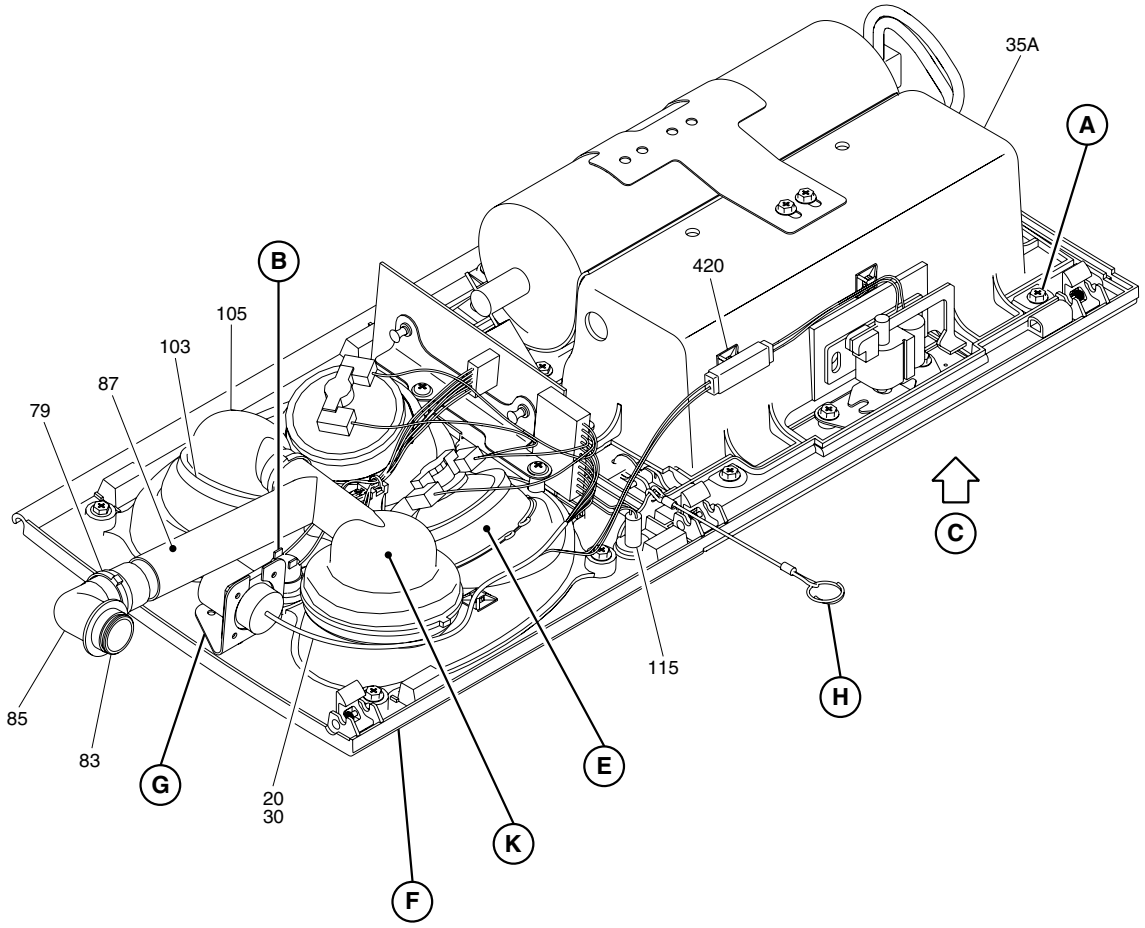
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 420A	9326202-504		. PANEL ASSY, OXYGEN/LIGHT/ GASPER AIR SUPSDS ITEM -420	N-U	1
– 425	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	N-U	6
– 430	9326202-1		. . PANEL, OXYGEN/LIGHT/ GASPER AIR (MOVED TO ITEM -417)	A-E	D
– 430A	9326202-3		. . PANEL, OXYGEN/LIGHT/ GASPER AIR (MOVED TO ITEM 417A)	F-M	D
– 435	9326202-2		. . PANEL, OXYGEN/LIGHT/ GASPER AIR (USED ON PN 9326202-502)	N-Q	1
– 435A	9326202-4		. . PANEL, OXYGEN/LIGHT/ GASPER AIR (USED ON PN 9326202-504)	N-U	1

– ITEM NOT ILLUSTRATED

9326110–101
SHOWN

(LH SIDE)

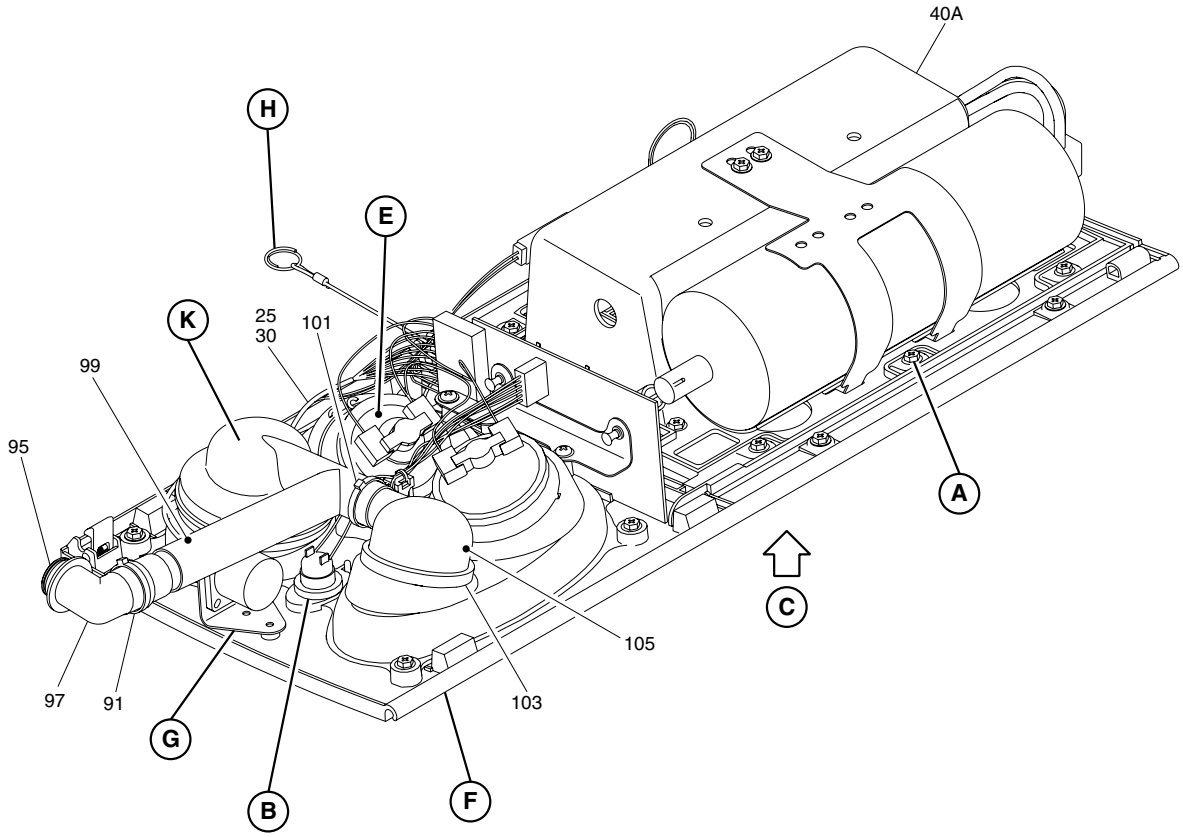


25284801A01

Left-Hand Passenger Service Unit Assembly
(Sheet 1 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01

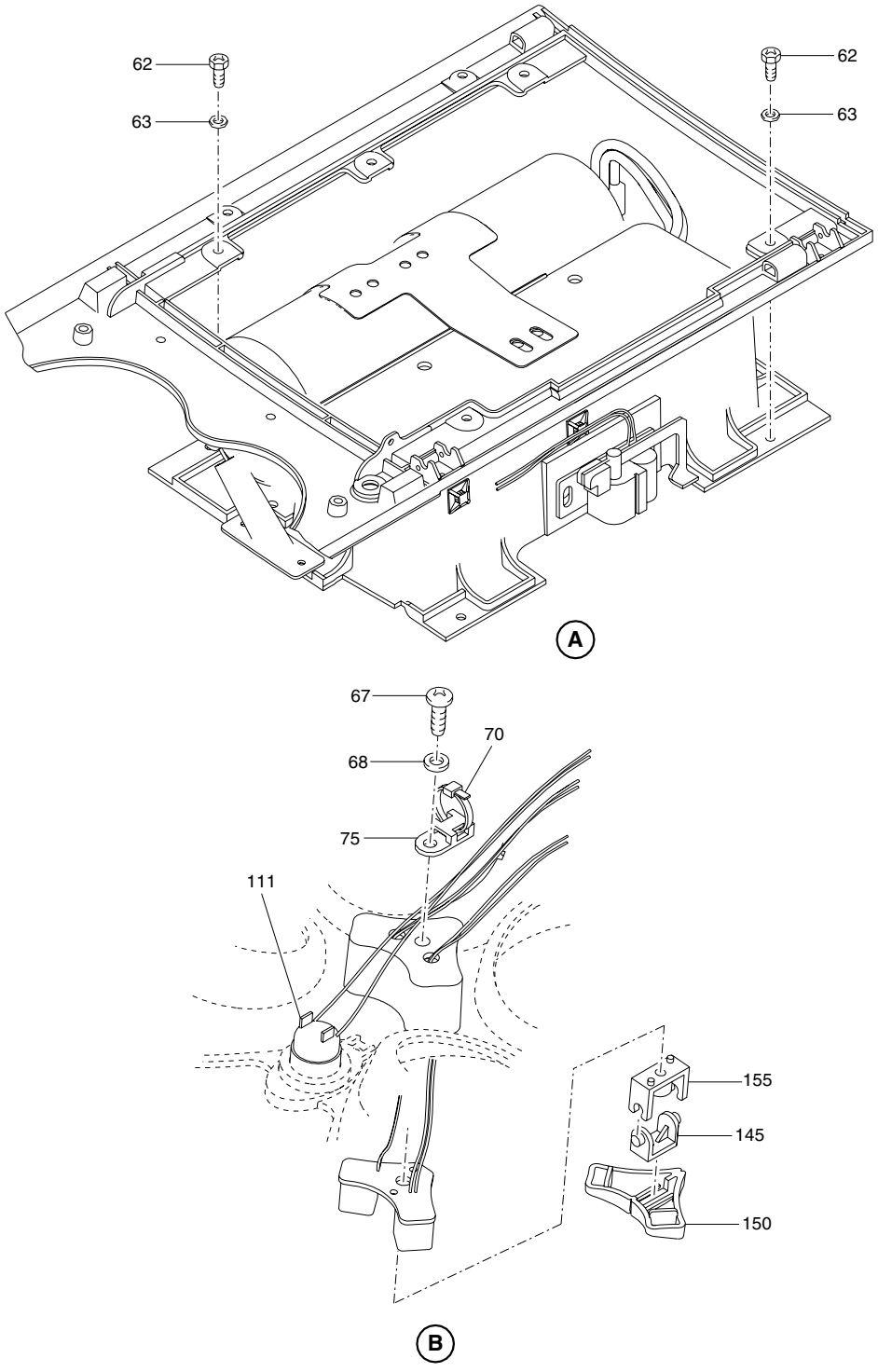
9326110–102
SHOWN

(RH SIDE)

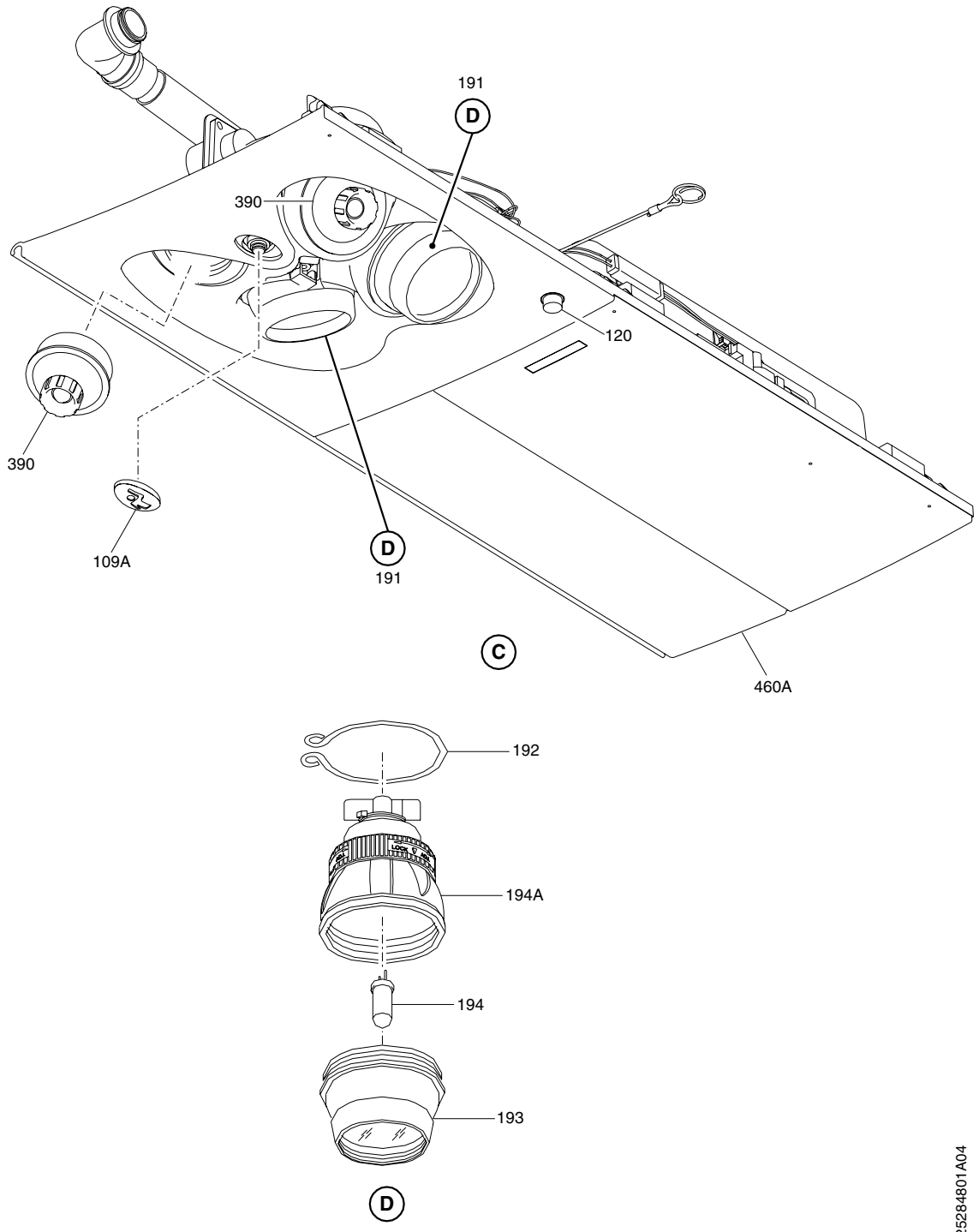


25284801A02

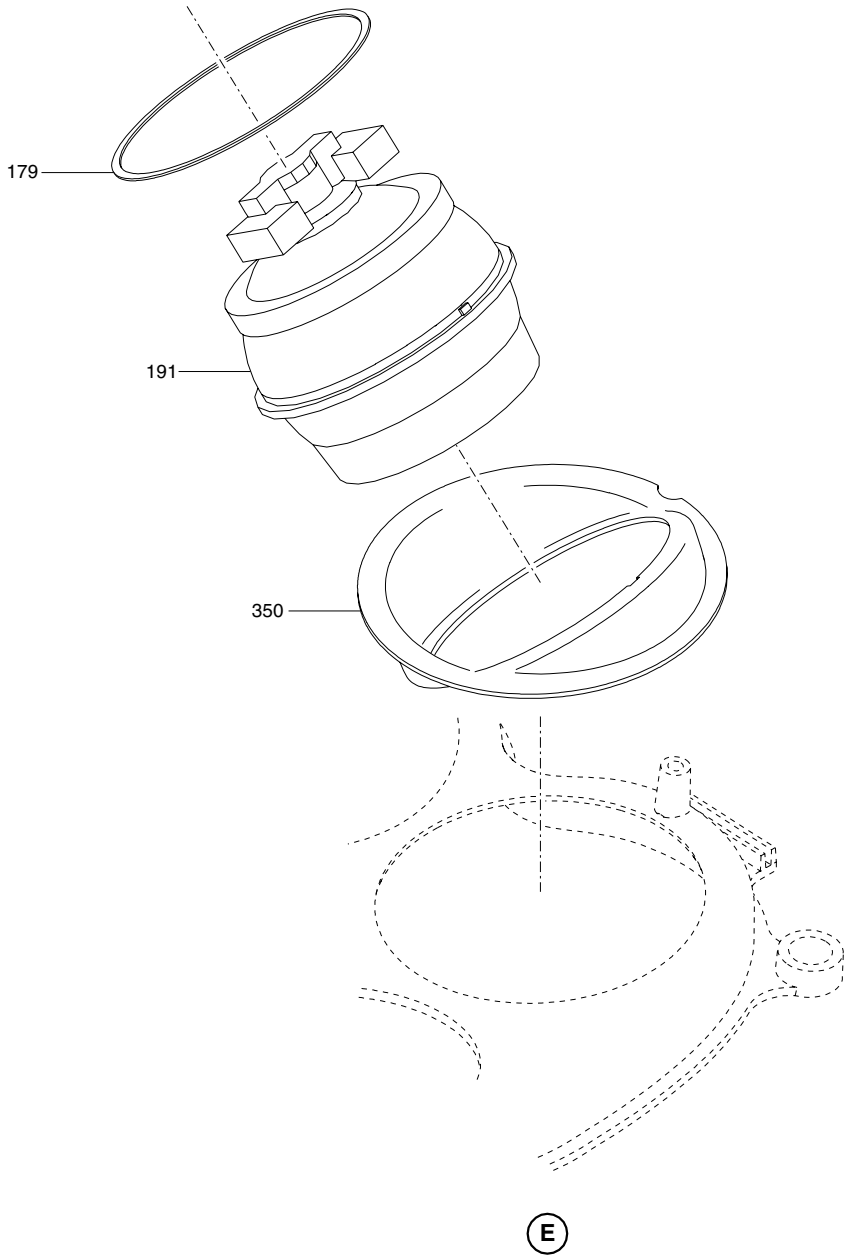
Left-Hand Passenger Service Unit Assembly
(Sheet 2 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01



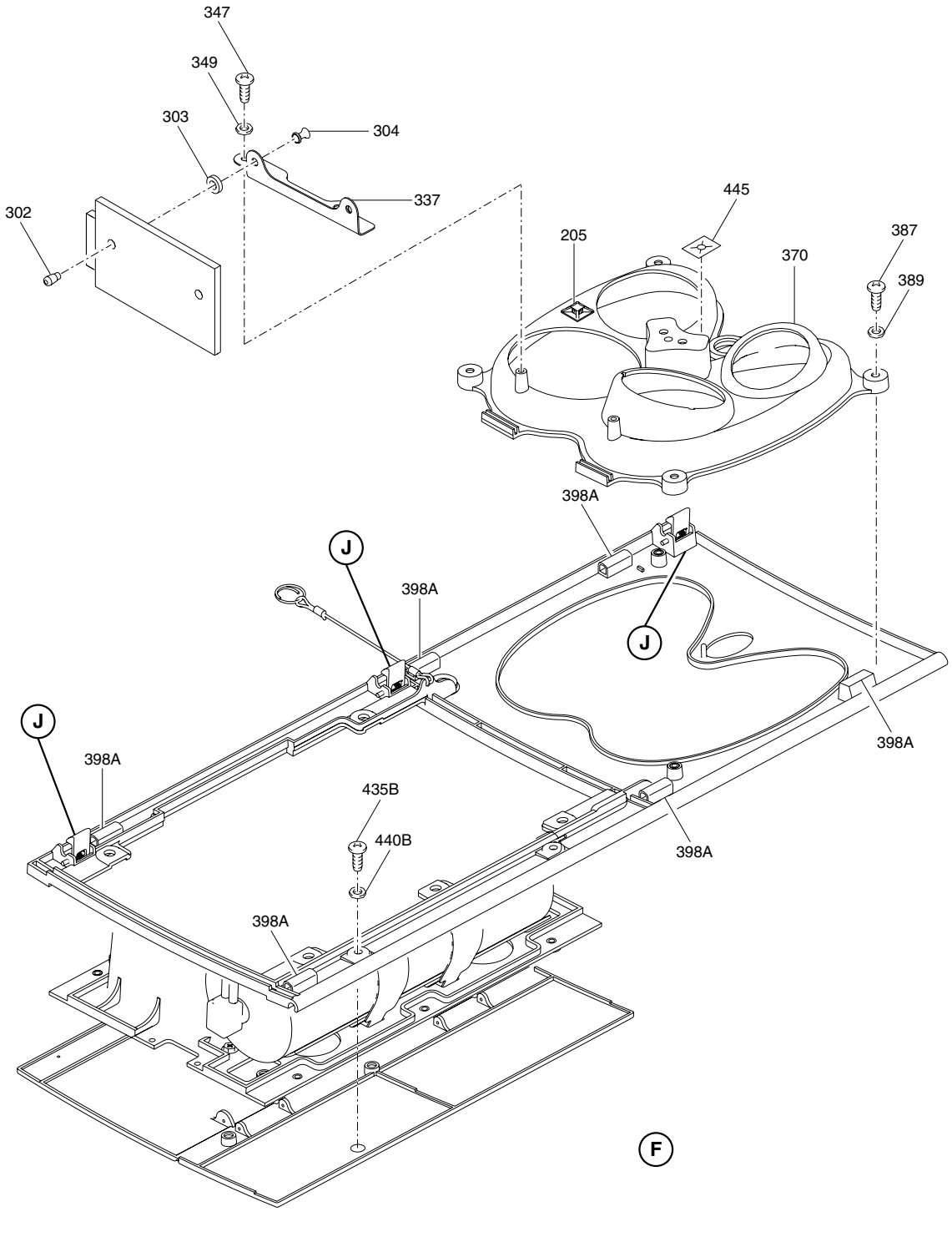
Left-Hand Passenger Service Unit Assembly
(Sheet 3 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01



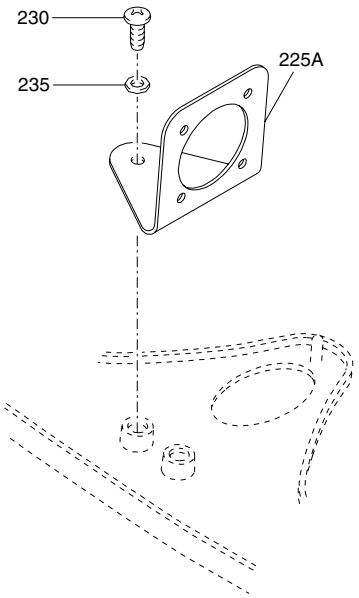
Left-Hand Passenger Service Unit Assembly
(Sheet 4 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01

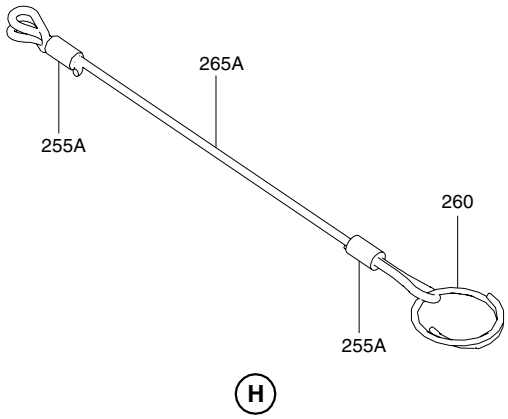


Left-Hand Passenger Service Unit Assembly
(Sheet 5 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01



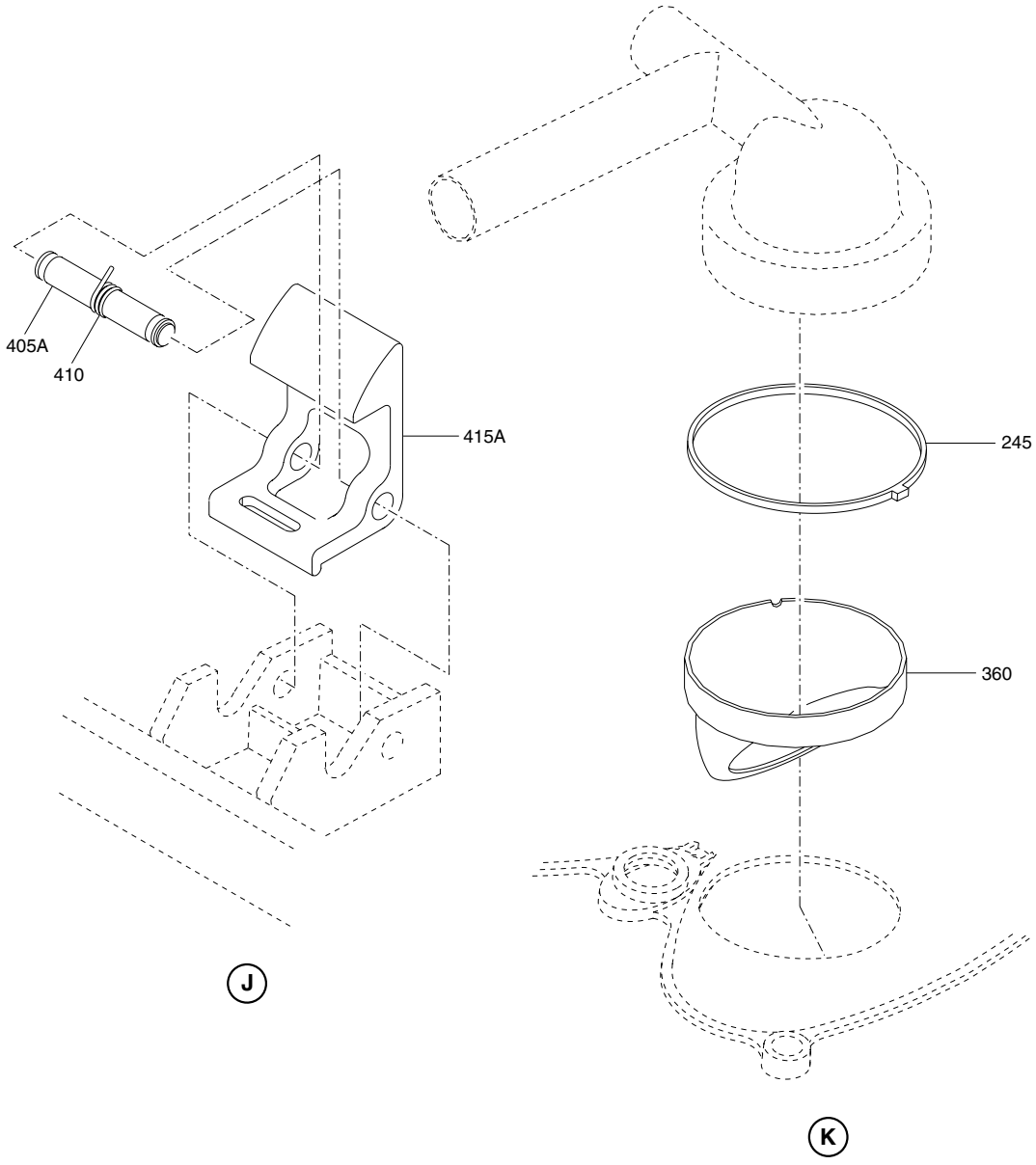
Left-Hand Passenger Service Unit Assembly
(Sheet 6 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01





25284801 A07

Left-Hand Passenger Service Unit Assembly
(Sheet 7 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 8 of 8)
Figure 1A/GRAPHIC 25-28-48-99b-002-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 1	9326108-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES) RPLD BY ITEM -1A	A	RF
– 1A	9326110-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES) RPLS ITEM -1	B	RF
– 10	9326108-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) RPLD BY ITEM -10A	C	RF
– 10A	9326110-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) RPLS ITEM -10	D	RF
– 10B	9326110-104		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1J FOR NHA SEE FIG. 1H FOR NHA SEE FIG. 1L FOR NHA	E	RF
20	9326730-501		. WIRE HARNESS ASSY, PSU (LH SIDE)	A,B	1
25	9326730-503		. WIRE HARNESS ASSY, PSU (RH SIDE)	C-E	1
30	MS3367-4-9		. CABLE TIE	B,D,E	2
– 30A	MS3367-4-9		. CABLE TIE	A,C	2
– 32	170-45513-001		. PAD, FOAM	B,D,E	1
– 33	SRV0-3080		. RIVET, SNAP (V6B3V9)	B,D,E	4
– 35	9326105-505		. OXYGEN BOX ASSY (LH SIDE) (2 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	A	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A 35A	3868105-505		. OXYGEN BOX ASSY (LH SIDE) (2 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	B	1
– 40	9326105-507		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	C	1
40A	3868105-507		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 22 MINUTES) SEE FIG. 3A FOR DET	D	1
– 40B	3868105-503		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	E	1
			ATTACHING PARTS		
– 45	MS24693S28		. SCREW (TRUE PN MS24693-S28)	A,C	5
– 50	CD1372-1AL		. WASHER	A,C	5
– 55	NAS1149DN616K		. WASHER	A,C	5
– 60	MS21042L06		. NUT	A,C	5
62	NAS1096-1-5		. SCREW	B,D,E	5
63	NAS1149DN616K		. WASHER	B,D,E	5
			* * *		
– 65	104257-5		. DELETED	B,C	D
67	MS51861-26		. SCREW	A,C	1
– 67A	MS24625-21		. SCREW	B,D,E	1
68	NAS1149DN616K		. WASHER		1
70	MS3367-4-9		. CABLE TIE		1
75	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)	B,D,E	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 77	9326235-507		. HOSE ASSY, AIR (LH SIDE)	A,B	1
79	MS3367-4-9		. . CABLE TIE	A,B	1
– 81	9326232-501		. . CONNECTOR ASSY, MALE	A,B	1
83	9452K71		. . . O-RING (V3A054)	A,B	1
85	9326232-1		. . . CONNECTOR, MALE	A,B	1
87	9326236-5		. . AIR HOSE	A,B	1
– 89	9326235-508		. HOSE ASSY, AIR (RH SIDE)	C-E	1
91	MS3367-4-9		. . CABLE TIE	C-E	1
– 93	9326232-501		. . CONNECTOR ASSY, MALE	C-E	1
95	9452K71		. . . O-RING (V3A054)	C-E	1
97	9326232-1		. . . CONNECTOR, MALE	C-E	1
99	9326236-6		. . AIR HOSE	C-E	1
101	MS3367-4-9		. CABLE TIE		1
103	CDSP4514-501		. CLAMP, PLENUM CAP	B,D,E	1
105	CDSP4645-1		. CAP, PLENUM	B,D,E	1
– 107	9326726-501		. SWITCH ASSY, ATT CALL		1
– 109	P8-7000012		. . DELETED		D
109A	9326728-501		. . CAP ASSY, SWITCH		1
– 110	9326208-1		. . . DELETED		D
– 110A	P8-7000014		. . . DELETED		D
111	104479-7		. . CONTACT, SOCKET (V3V5D8)		2
– 113	9326727-501		. LIGHT ASSY, ATT CALL		1
115	770258-1		. . CONTACT, CRIMP (V3V5D8)		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A 120	961W12G5K28HNW9		. . LED, ATT (V15513) (TRUE PN 961W12-G5K28H-NW9)		1
– 125	CD1275L3		. PLACARD (BONDED) (TRUE PN CD 1275-'L3') (ALT PN CDP540-02)	A,C	1
– 130	9326207-501		. SWITCH CAP ASSY, READING LIGHT		1
145	9326207-3		. . ROCKER (BONDED)		1
150	9326207-1		. . CAP, LIGHT SWITCH		1
155	9326207-5		. BASE, ROCKER		1
– 160	9326725-501		. PCB ASSY, SWITCH		1
– 165	104479-7		. . CONTACT, SOCKET (V3V5D8)		4
– 170	K12ABK15N		. . SWITCH, KEY (V71468)		2
– 175	9326715-1		. . PCB ARTWORK		1
– 177	9NU408985-10		. DELETED		D
179	9326239-31		. SPACER, WASHER	B,D,E	1
– 180	10-1701-1F		. LIGHT, READING (V72914) (ALT PN CDSP4641-3) RPLD BY ITEM 191	A,C	2
– 185	11-6755-1F		. . DELETED	A	D
– 190	55-2253-5		. . DELETED	A	D
191	2LA007278-23		. LIGHT ASSY, READING (VD8095) (SPECIFICATION NUMBER CDSP4641-3) RPLS ITEM -180	B,D,E	2
192	9NU402129-22		. . RING, SPRING (VD8095)	B,D,E	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A 193	9EL408685-23		. . LENS ASSY, HOUSING (VD8095)	B,D,E	1
194	8GH007429-28		. . LAMP, INCANDESCENT (VD8095)	B,D,E	1
194A	9BG408684-23		. . HOUSING ASSY (VD8095)	B,D,E	1
– 195	CD1275L1		. PLACARD (BONDED) (TRUE PN CD 1275-'L1') (ALT PN CDP540-02)	A,C	1
– 200	CD1275L2		. PLACARD (BONDED) (TRUE PN CD 1275-'L2') (ALT PN CDP540-02)	A,C	1
205	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)		1
– 210	NAS1801-04-5		. SCREW SUPSD BY ITEM -210A	A,C	4
– 210A	NAS1801-04-6		. SCREW SUPSDS ITEM -210	A,C	4
– 215	NAS620-4L		. WASHER	A,C	8
– 220	MS21042L04		. NUT	A,C	4
– 225	9326239-3		. BRACKET	A,C	1
225A	9326238-5		. BRACKET (ALT PN 9326239-3)	B,D,E	1
			ATTACHING PARTS		
230	NAS1096-1-3		. SCREW		2
235	NAS1149DN616K		. WASHER		2
			* * *		
– 240	CD1275J3		. PLACARD (BONDED) (TRUE PN CD 1275-'J3') (ALT PN CDP540-02)	A,C	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A 245	MS3367-7-9		. CABLE TIE		1
– 250	9326225-511		. LANYARD ASSY	B,D,E	1
– 255	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 255A	B,D,E	2
255A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -255	B,D,E	2
260	86805T34		. . RING, SPLIT (V3A054)	B,D,E	1
– 265	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 265A	B,D,E	AR
265A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -265	B,D,E	AR
– 270	9326225-3		. BRACKET (LANYARD MOUNT) (LH SIDE)	A	1
– 275	9326225-4		. BRACKET (LANYARD MOUNT) (RH SIDE)	C	1
			ATTACHING PARTS		
– 280	NAS1096-1-6		. SCREW	A,C	1
– 285	NAS1149DN616K		. WASHER	A,C	1
			* * *		
– 290	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)	A,C	1
– 295	9326720-503		. PCB ASSY (LH SIDE)	A	1
– 297	9326752-501		. PCB ASSY (LH SIDE)	B	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 300	9326720-504		. PCB ASSY (RH SIDE)	C	1
– 301	9326752-502		. PCB ASSY (RH SIDE)	D,E	1
302	HN3P33-4-1		. NYLATCH, PLUNGER (V83014) (TRUE PN HN3P-33-4-1)	B,D,E	2
303	90130A013		. SPACER (PCB)	B,D,E	2
304	HN3G33-1		. NYLATCH, GROMMET (V83014) (TRUE PN HN3G-33-1)	B,D,E	2
– 305	NAS1096-1-3		. SCREW	A,C	3
– 307	NAS1096-1-5		. SCREW	A,C	1
– 310	5610-44-20		. WASHER (V86928)	A,C	4
– 315	2209		. SPACER	A,C	2
– 321	19373-057K		. . DELETED	A	D
– 322	19560		. . DELETED	A	D
– 323	R452-002		. . DELETED	B,C	D
– 324	154-002T		. . DELETED		D
– 325	MS3367-4-9		. CABLE TIE	A,C	1
– 330	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)	A,C	1
– 335	9326239-2		. BRACKET, PCB (LH SIDE)	A	1
337	9326238-3		. BRACKET, PCB (LH SIDE) (ALT PN 9326239-2)	B	1
– 340	9326239-1		. BRACKET, PCB (RH SIDE)	C	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 342	9326238-4		. BRACKET, PCB (RH SIDE) (ALT PN 9326239-1)	D,E	1
			ATTACHING PARTS		
– 345	MS51861-24		. SCREW	A,C	2
347	MS24625-19		. SCREW	B,D,E	2
349	NAS1149DN616K		. WASHER		2
			* * *		
350	9326212-3		. ADAPTER, READING LIGHT (LH SIDE)	A,B	1
– 355	9326212-4		. ADAPTER, READING LIGHT (RH SIDE)	C-E	1
360	9326212-7		. ADAPTER, GASPER AIR (LH SIDE)	A,B	1
– 365	9326212-8		. ADAPTER, GASPER AIR (RH SIDE)	C-E	1
370	9326211-1		. BUCKET, LIGHT / GASPER AIR (LH SIDE)	A,B	1
– 375	9326211-2		. BUCKET, LIGHT / GASPER AIR (RH SIDE)	C-E	1
			ATTACHING PARTS		
– 380	NAS1096-1-5		. SCREW	A,C	3
– 385	S124682-208-3		. DELETED	A	D
– 385A	S124682-2D8-3		. WASHER, FLAT (V88277)	A,C	3
387	NAS1096-1-5		. SCREW	B,D,E	4
389	NAS1149DN616K		. WASHER	B,D,E	4
			* * *		
390	4185-2		. AIR OUTLET (V1TEF0)	A,C	2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 390A	CDSP4500-503B		. AIR OUTLET (TRUE PN CDSP4500-503-B) (ALT PN 4185-2) (REFER TO CMM 21-21-12 FOR DET)	B,D,E	2
– 390B	CDSP4514-501		. CLAMP, PLENUM CAP (ALT PN 4185-2) (MOVED TO ITEM -391)	B,D,E	D
– 390C	CDSP4645-1		. CAP, PLENUM (ALT PN 4185-2) (MOVED TO ITEM -392)	B,D,E	D
– 391	CDSP4514-501		. CLAMP, PLENUM CAP (ALT PN 4185-2)	B,D,E	2
– 392	CDSP4645-1		. CAP, PLENUM (ALT PN 4185-2)	B,D,E	2
– 395	9326108-1		. FOAM	A,C	6
– 395A	9326115-1		. BUMPER (ALT PN 9326108-1)	A	6
– 395B	9326115-3		. BUMPER (ALT PN 9326108-1)	A	6
– 397	9326115-1		. DELETED	A	D
– 398	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM 398A	B	4
398A	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -398	B,D,E	6
– 399	9326115-3		. DELETED	A	D
– 400	MS16633-4009		. RING, RETAINING	A,C	6
– 405	7271023-1		. PIN, PSU LATCH	A,C	3
405A	MS20470B3-13		. PIN (ALT PN 7271023-1)	B,D,E	3
410	T025-180-140L		. SPRING, TORSION (V74197)		3
– 415	7271022-1		. CATCH	A,C	3
415A	7271022-3		. CATCH, PSU LATCH (ALT PN 7271022-1)	B,D,E	3

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A 420	MS3367-4-9		. CABLE TIE		1
– 425	NAS1096-1-4		. SCREW	A,C	3
– 430	NAS1149DN616K		. WASHER	A,C	3
– 435	NAS1096-1-3		. SCREW	A,C	2
– 435A	NAS1096-1-5		. SCREW SUPSD BY ITEM 435B	B,D,E	2
435B	NAS1096-1-4		. SCREW SUPSDS ITEM -435A	B,D,E	2
– 440	S124682-208-3		. WASHER (INCORRECT PN)	A	D
– 440A	NAS1149DN616K		. WASHER	B,D,E	2
440B	S124682-2D8-3		. WASHER, FLAT (V88277) (CORRECT PN)	A,C	2
445	94807A024		. NUT, SPEED (V3A054) (PUSH ON)	B,D,E	1
– 445A	C00720-012-4		. NUT, SPEED (V78553) (ALT PN 94807A024)	B,C	1
– 446	B805140-3		. O-RING	B,D,E	1
– 450	9326105-513		. PANEL ASSY, DOOR/FACE (LH SIDE)	A	1
– 455	9326105-515		. PANEL ASSY, DOOR/FACE (RH SIDE)	C	1
– 460	9326202-501		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR (LH SIDE)	A	1
460A	9326202-503		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR (LH SIDE) (ALT PN 9326202-501)	B	1
– 461	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	A,B	6

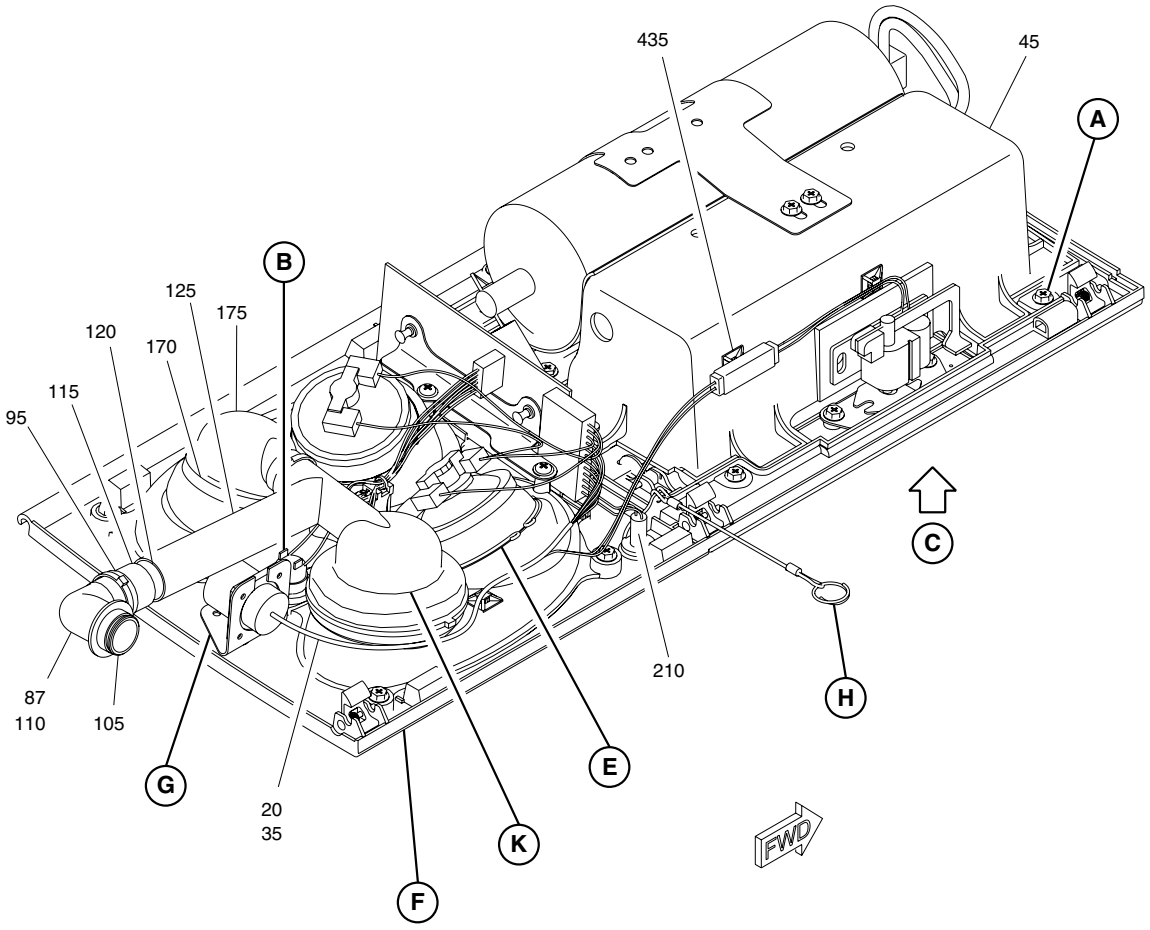
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 462	9326202-1		. . PANEL, OXYGEN / LIGHT / GASPER AIR (LH SIDE) (USED ON PN 9326202-501)	A	1
– 462A	9326202-3		. . PANEL, OXYGEN / LIGHT / GASPER AIR (LH SIDE) (USED ON PN 9326202-503)	B	1
– 465	9326202-502		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR (RH SIDE) RPLD BY ITEM -465A	C	1
– 465A	9326202-504		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR (RH SIDE) (ALT PN 9326202-502) RPLS ITEM -465	D,E	1
– 470	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	C-E	6
– 475	9326202-1		. . PANEL, OXYGEN / LIGHT / GASPER AIR (MOVED TO ITEM -462)	A	D
– 475A	9326202-3		. . PANEL, OXYGEN / LIGHT / GASPER AIR (MOVED TO ITEM -462A)	B	D
– 480	9326202-2		. . PANEL, OXYGEN / LIGHT / GASPER AIR (RH SIDE) (USED ON PN 9326202-502)	C	1
– 480A	9326202-4		. . PANEL, OXYGEN / LIGHT / GASPER AIR (RH SIDE) (USED ON PN 9326202-504)	D,E	1

– ITEM NOT ILLUSTRATED

9326110–105, –107
SHOWN

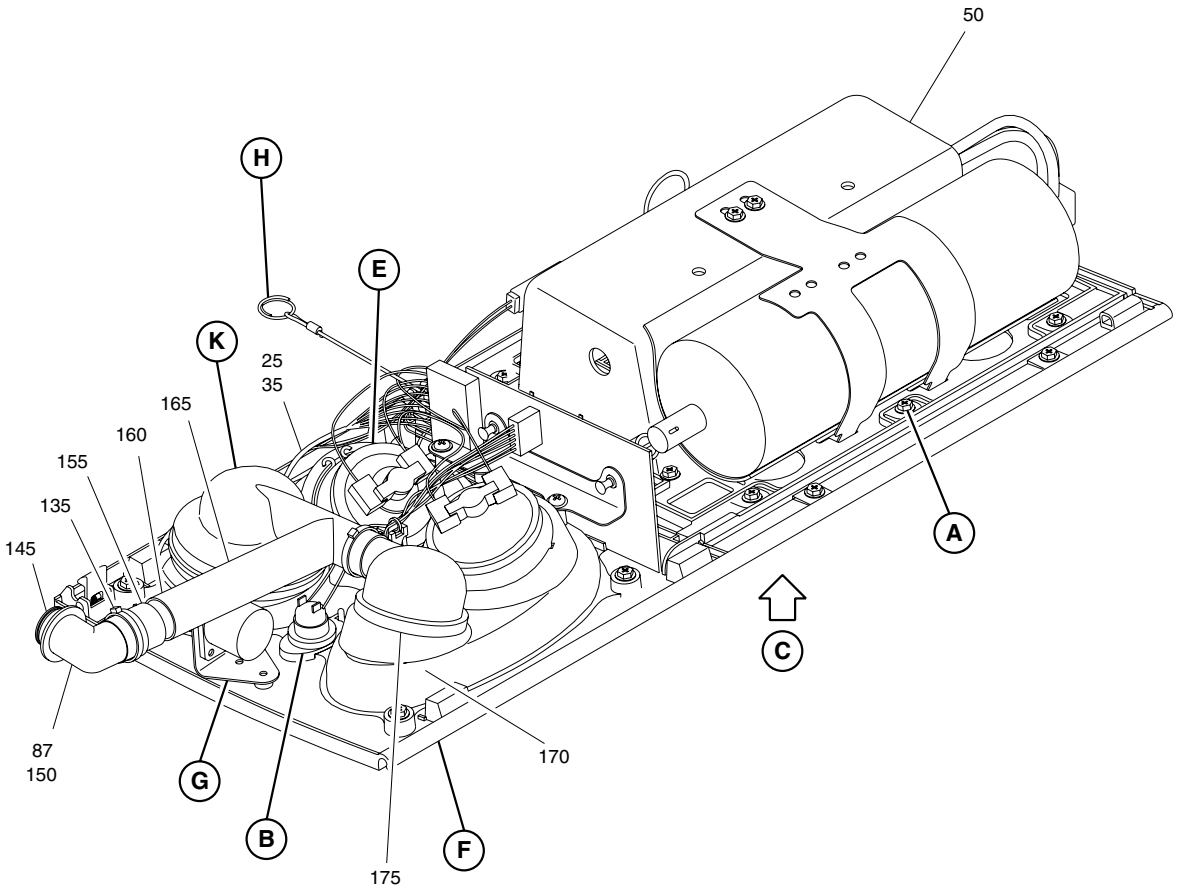
(LH SIDE)



Left-Hand Passenger Service Unit Assembly
(Sheet 1 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01

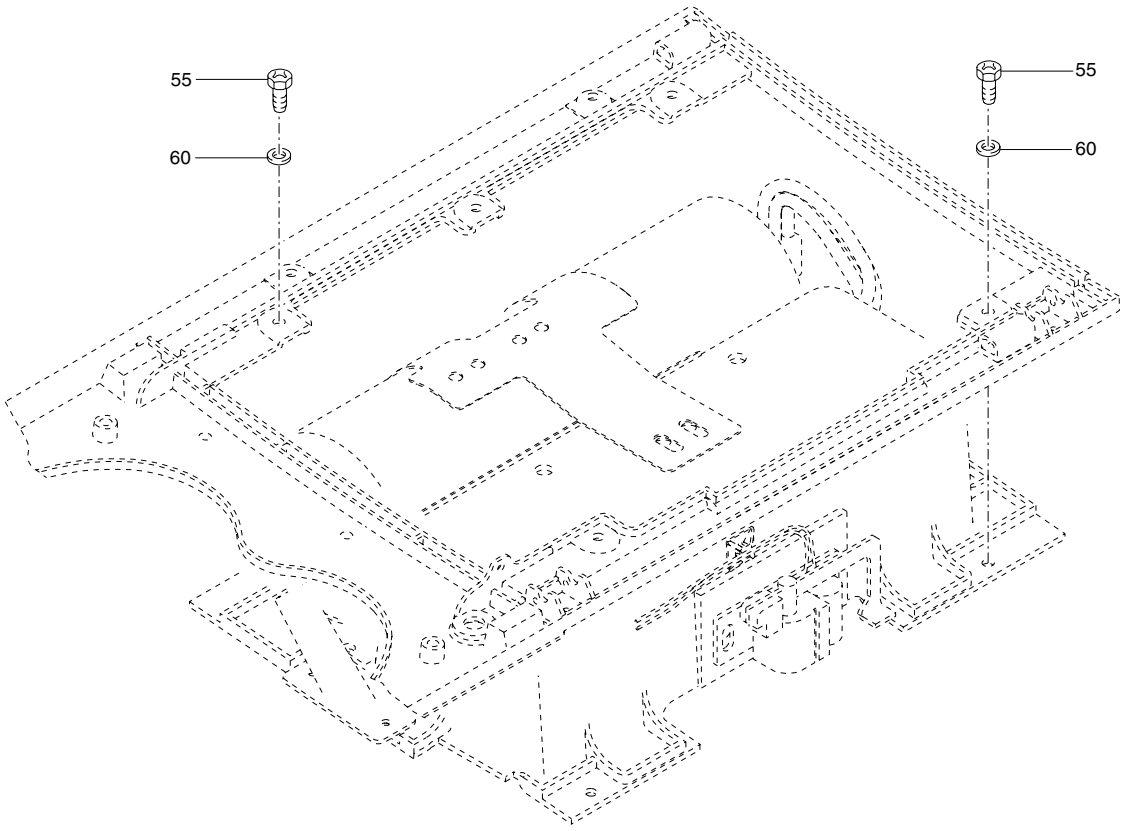
9326110–106, –108
SHOWN

(RH SIDE)

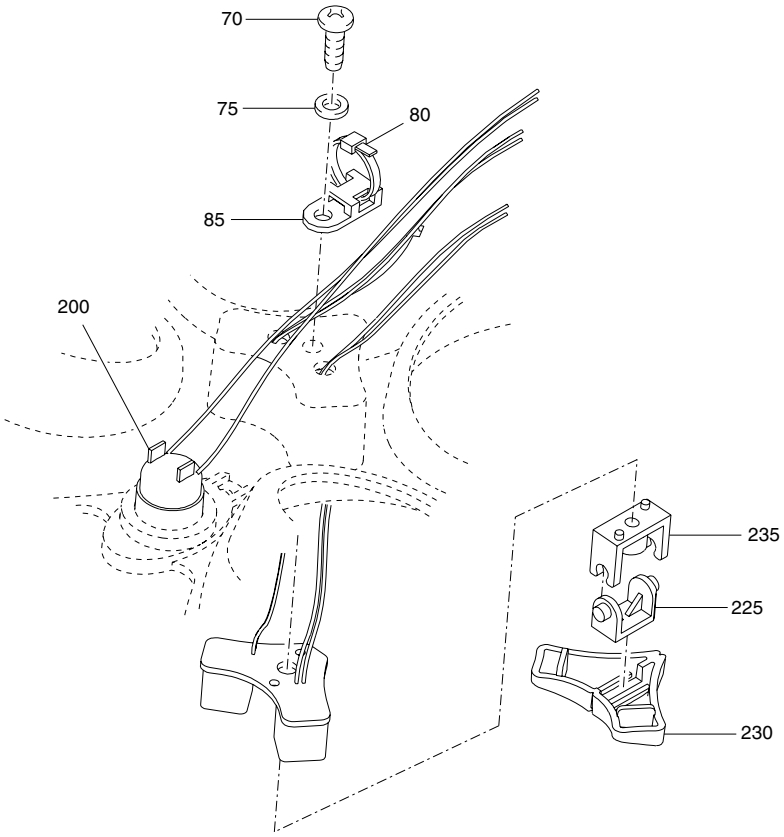


25284801B02

Left-Hand Passenger Service Unit Assembly
(Sheet 2 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01

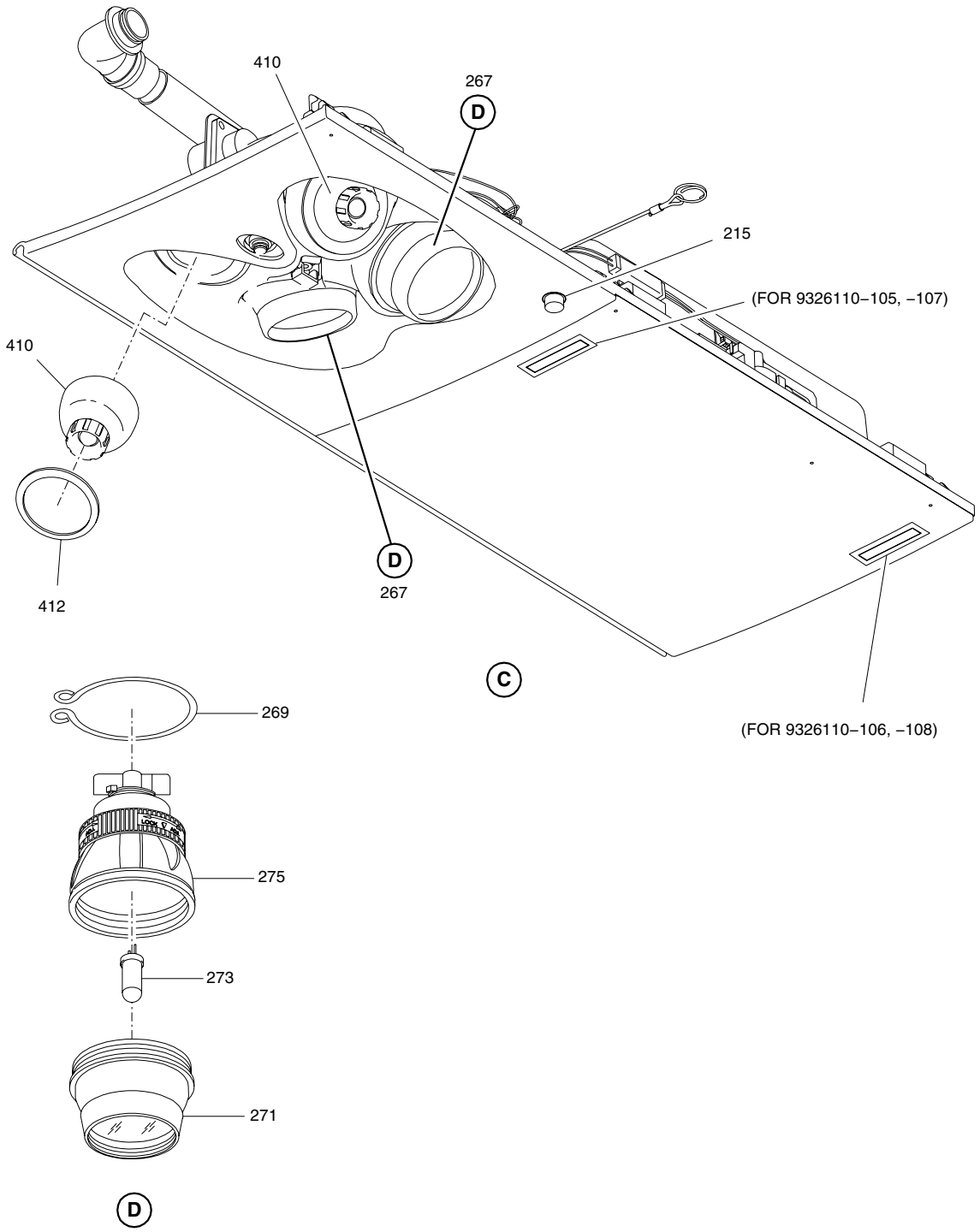


Left-Hand Passenger Service Unit Assembly
(Sheet 3 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01

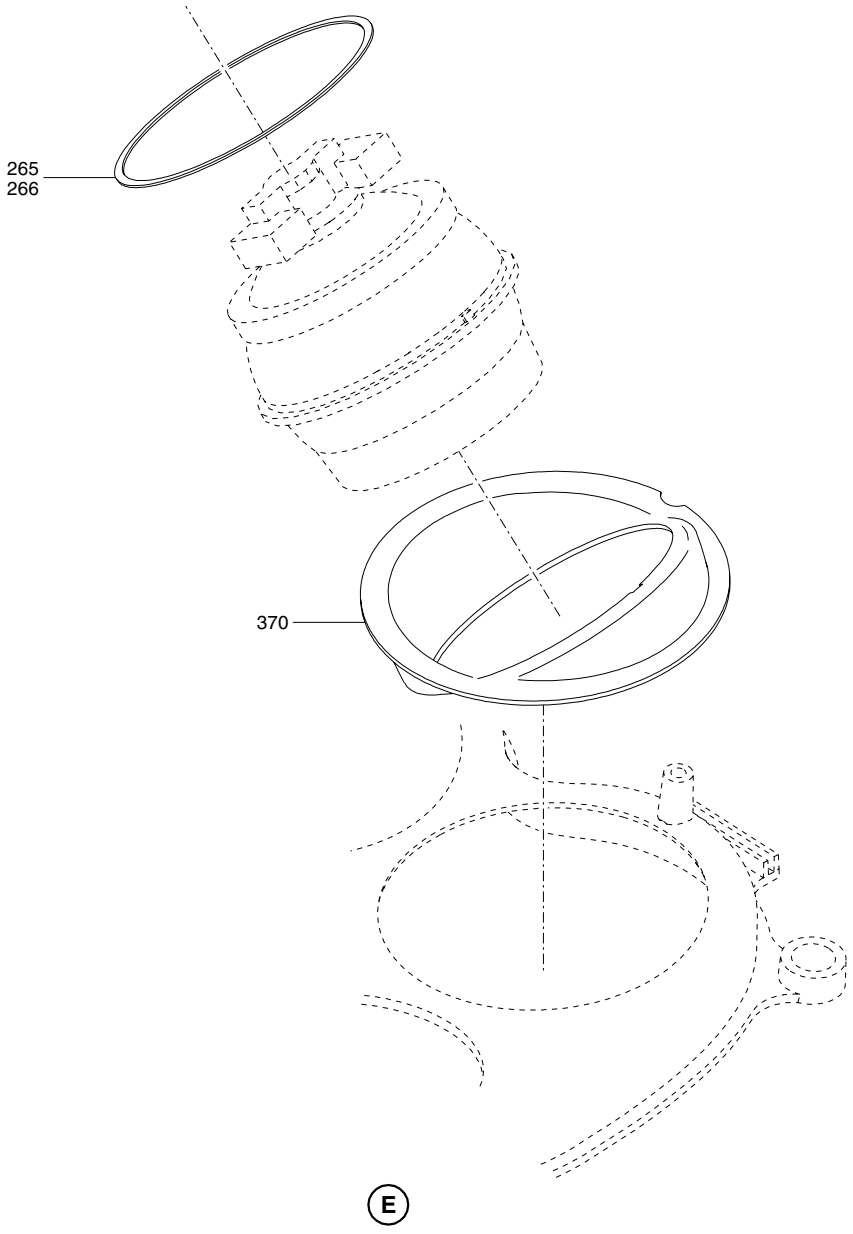


25284801B04

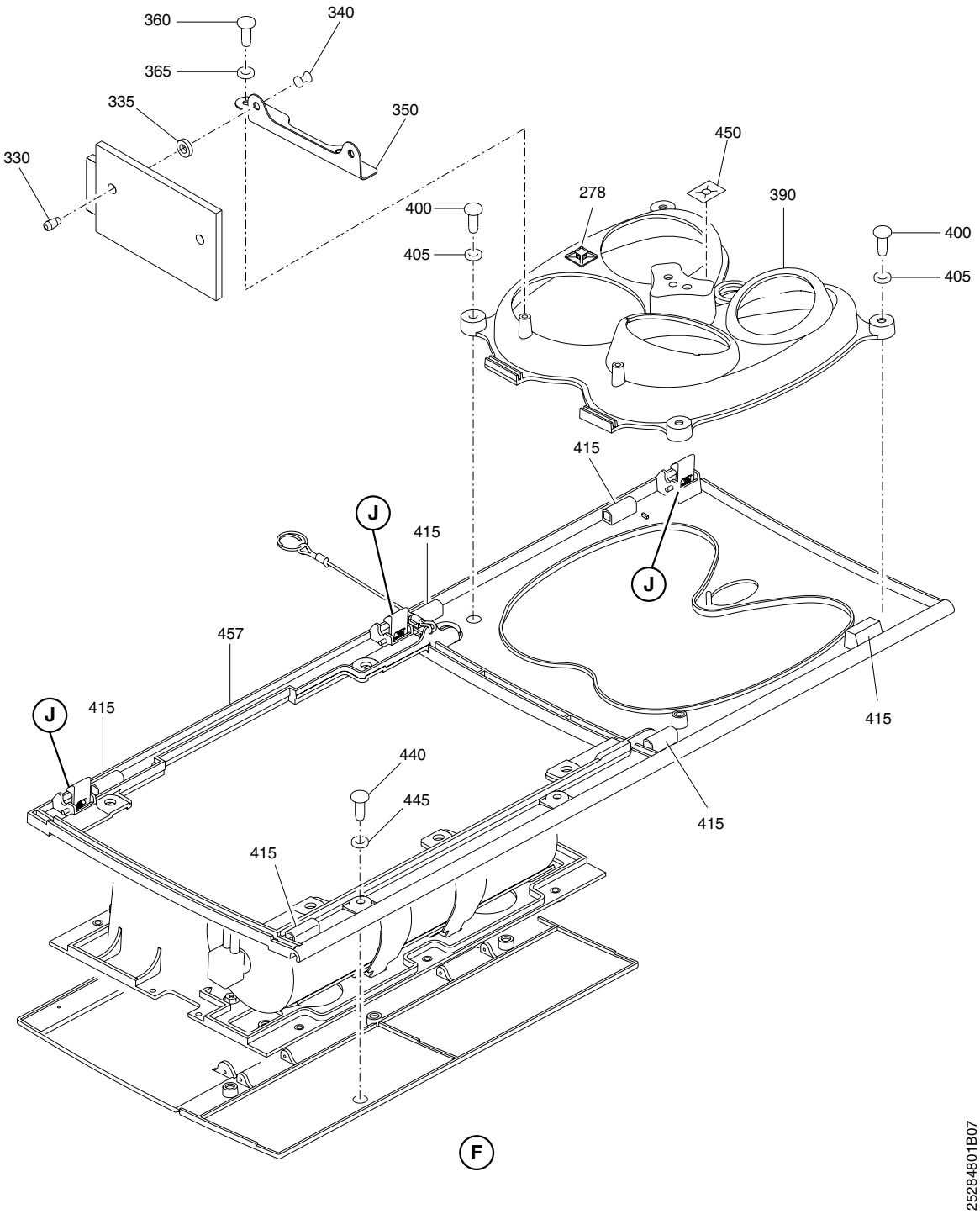
Left-Hand Passenger Service Unit Assembly
(Sheet 4 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01



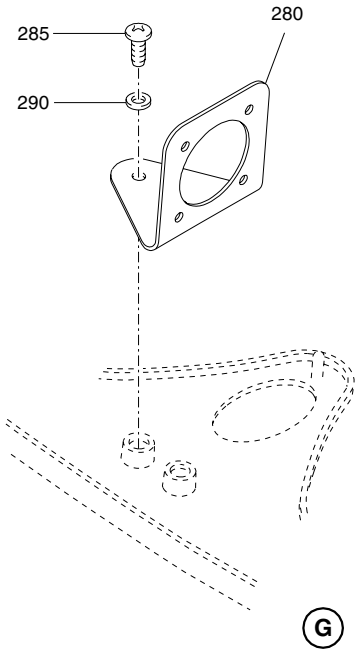
Left-Hand Passenger Service Unit Assembly
(Sheet 5 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01

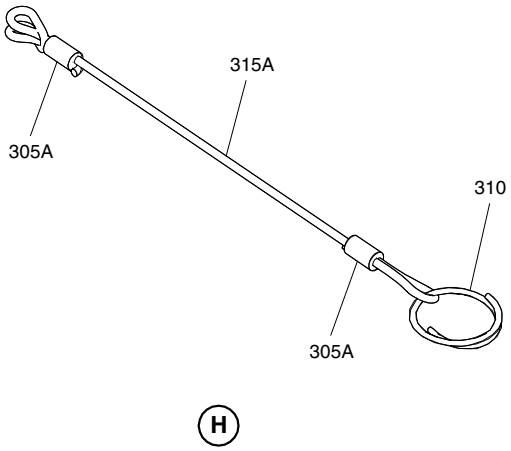


Left-Hand Passenger Service Unit Assembly
(Sheet 6 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01



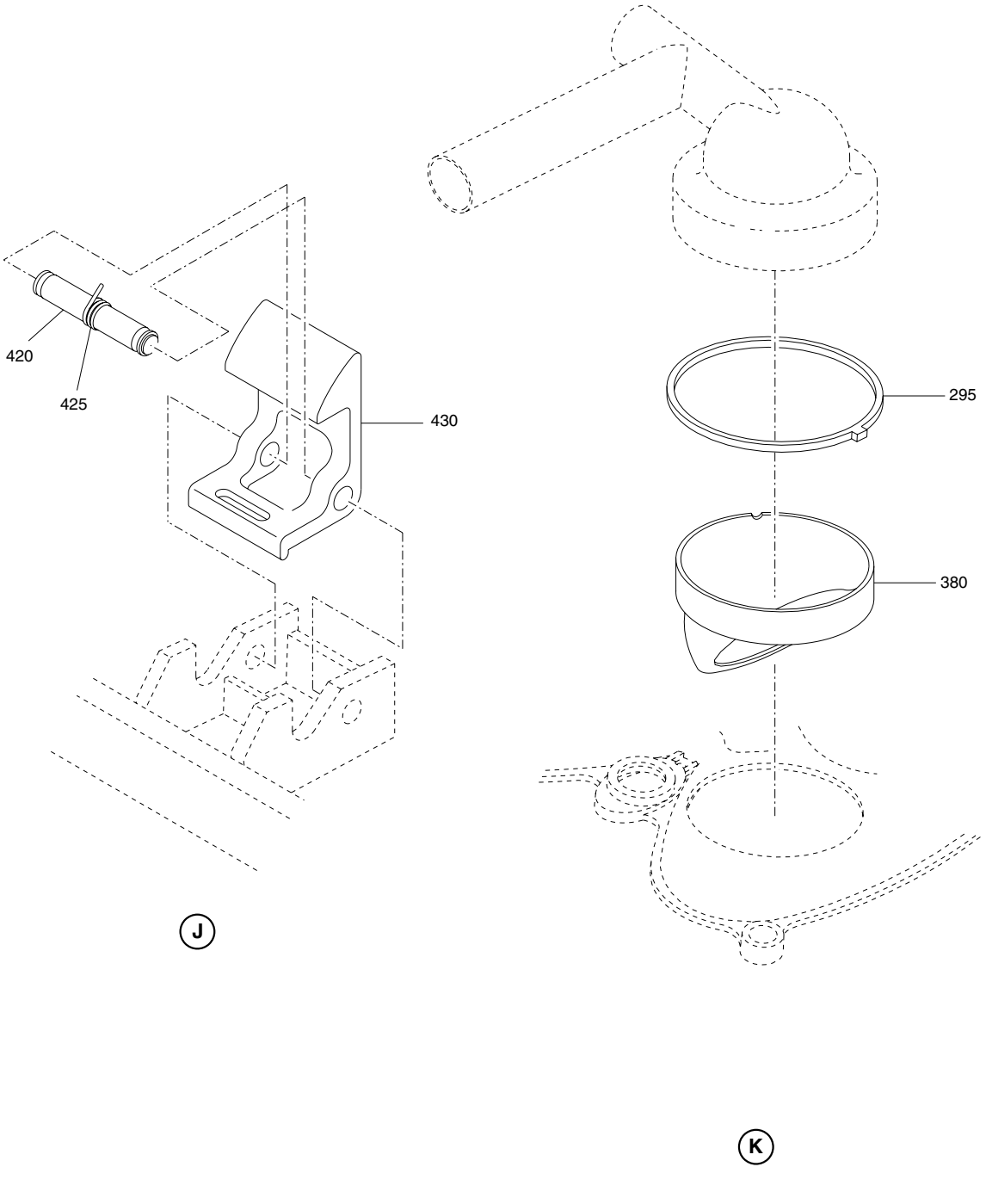
Left-Hand Passenger Service Unit Assembly
(Sheet 7 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01





25284801B08

Left-Hand Passenger Service Unit Assembly
(Sheet 8 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 9 of 9)
Figure 1B/GRAPHIC 25-28-48-99b-003-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B – 1	9326110-105		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES) (POST KIT A302001-101)	A	RF
– 1A	9326110-107		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES) (POST KIT A302001-101)	B	RF
– 1B	9326110-106		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) (POST KIT A302001-101)	C	RF
– 1C	9326110-108		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) (POST KIT A302001-101)	D	RF
– 10	9326110-106		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) (POST KIT A302001-101) (MOVED TO ITEM -1B)	C	D
– 10A	9326110-108		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES) (POST KIT A302001-101) (MOVED TO ITEM -1C)	D	D
20	9326730-501		. WIRE HARNESS ASSY, PSU (LH SIDE)	A,B	1
25	9326730-503		. WIRE HARNESS ASSY, PSU (RH SIDE)	C,D	1
– 30	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
35	MS3367-4-9		. CABLE TIE		1
– 40	170-45513-001		. PAD, FOAM		1
45	3868105-505		. OXYGEN BOX ASSY (2 MAN, 22 MINUTES) (LH SIDE) SEE FIG. 3 FOR DET	A,B	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B 50	3868105-507		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) (RH SIDE) SEE FIG. 3A FOR DET	C,D	1
			ATTACHING PARTS		
55	NAS1096-1-5		. SCREW		5
60	NAS1149DN616K		. WASHER		5
			* * *		
– 65	104257-5		. DELETED		D
70	MS24625-21		. SCREW		1
75	NAS1149DN616K		. WASHER		1
80	MS3367-4-9		. CABLE TIE		1
85	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
87	MS3367-4-9		. CABLE TIE		1
– 90	9326235-511		. HOSE ASSY, AIR (LH SIDE)	A,B	1
95	MS3367-4-9		.. CABLE TIE	A,B	3
– 100	9326232-501		.. CONNECTOR ASSY, MALE	A,B	1
105	9452K71		... O-RING (V3A054)	A,B	1
110	9326232-1		... CONNECTOR, MALE	A,B	1
115	9326236-3		.. AIR HOSE	A,B	1
120	5463K589		.. HOSE COUPLER (V3A054)	A,B	1
125	9326236-6		.. AIR HOSE	A,B	1
– 130	9326235-512		. HOSE ASSY, AIR (RH SIDE)	C,D	1
135	MS3367-4-9		.. CABLE TIE	C,D	3

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B – 140	9326232-501		. . CONNECTOR ASSY, MALE	C,D	1
145	9452K71		. . . O-RING (V3A054)	C,D	1
150	9326232-1		. . . CONNECTOR, MALE	C,D	1
155	9326236-3		. . AIR HOSE	C,D	1
160	5463K589		. . HOSE COUPLER (V3A054)	C,D	1
165	9326236-5		. . AIR HOSE	C,D	1
170	CDSP4514-501		. CLAMP, PLENUM CAP		1
175	CDSP4645-1		. CAP, PLENUM		1
– 180	9326726-501		. SWITCH ASSY, ATT CALL	B,D	1
– 180A	9326726-503		. SWITCH ASSY, ATT CALL	A,C	1
– 181	MS3367-4-9		. . DELETED		D
– 182	CDEL005		. . DELETED	B,D	D
– 182A	CDEL005		. . DELETED	A,C	D
– 185	9326728-501		. . CAP ASSY, SWITCH	B,D	1
– 185A	9326728-503		. . CAP ASSY, SWITCH	A,C	1
– 190	9326208-1		. . . DELETED	B,D	D
– 190A	9326208-3		. . . DELETED	A,C	D
– 195	P8-7000014		. . . DELETED		D
– 197	P8-7000012		. . . SWITCH AND CAP ASSY (V0UL03) (GREEN)	B,D	1
– 197A	P8-7000018		. . . SWITCH AND CAP ASSY (V0UL03) (ORANGE)	A,C	1
200	104479-7		. . CONTACT, SOCKET (V3V5D8)		2
– 205	9326727-501		. LIGHT ASSY, ATT CALL		1
– 207	MS3367-4-9		. . DELETED		D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B – 208	CDEL005		. . DELETED		D
210	770258-1		. . CONTACT, CRIMP (V3V5D8)		2
215	961W12G5K28HNW9		. . LED, ATT (V15513) (TRUE PN 961W12-G5K28H-NW9)		1
– 220	9326207-501		. SWITCH CAP ASSY, READING LIGHT		1
225	9326207-3		. . ROCKER		1
230	9326207-1		. . CAP, LIGHT SWITCH		1
235	9326207-5		. BASE, ROCKER		1
– 240	9326725-501		. PCB ASSY, SWITCH (READING LIGHT)		1
– 245	104479-7		. . CONTACT, SOCKET (V3V5D8)		4
– 250	K12ABK15N		. . SWITCH, KEY (V71468)		2
– 255	9326715-1		. . PCB ARTWORK		1
– 260	9NU408985-10		. DELETED		D
265	9326239-31		. SPACER, WASHER (LIGHT)		1
266	MS3367-4-9		. CABLE TIE		1
267	2LA007278-23		. LIGHT ASSY, READING (VD8095) (SPECIFICATION NUMBER CDSP4641-3 AND CDSP4641-5)	B,D	2
269	9NU402129-22		. . RING, SPRING (VD8095)	B,D	1
271	9EL408685-23		. . LENS ASSY, HOUSING (VD8095)	B,D	1
– 271A	9EL408685-23		. . DELETED	A	D
273	8GH007429-28		. . LAMP, INCANDESCENT (VD8095)	B,D	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B 275	9BG408684-23		. . HOUSING ASSY (VD8095)	B,D	1
– 275A	9BG408684-23		. . DELETED	A	D
278	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)		1
280	9326238-5		. BRACKET		1
			ATTACHING PARTS		
285	NAS1096-1-3		. SCREW		2
290	NAS1149DN616K		. WASHER		2
			* * *		
295	MS3367-7-9		. CABLE TIE		1
– 300	9326225-511		. LANYARD ASSY		1
– 305	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 305A		2
305A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -305		2
310	86805T34		. . RING, SPLIT (V3A054)		1
– 315	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 315A		AR
315A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -315		AR
– 320	9326752-501		. PCB ASSY (LH SIDE)	A,B	1
– 325	9326752-502		. PCB ASSY (RH SIDE)	C,D	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B 330	HN3P33-4-1		. NYLATCH, PLUNGER (V83014) (TRUE PN HN3P-33-4-1)		2
335	90130A013		. SPACER (PCB)		2
340	HN3G33-1		. NYLATCH, GROMMET (V83014) (TRUE PN HN3P-33-4-1)		2
– 345	R452002		. . DELETED		D
350	9326238-3		. BRACKET, PCB (LH SIDE)	A,B	1
– 355	9326238-4		. BRACKET, PCB (RH SIDE)	C,D	1
			ATTACHING PARTS		
360	MS24625-19		. SCREW		2
365	NAS1149DN616K		. WASHER		2
			* * *		
370	9326212-3		. ADAPTER, READING LIGHT (LH SIDE)	C,D	1
– 375	9326212-4		. ADAPTER, READING LIGHT (RH SIDE)	A,B	1
380	9326212-7		. ADAPTER, GASPER AIR (LH SIDE)	C,D	1
– 385	9326212-8		. ADAPTER, GASPER AIR (RH SIDE)	A,B	1
390	9326211-2		. BUCKET, LIGHT / GASPER AIR (LH SIDE)	A,B	1
– 395	9326211-1		. BUCKET, LIGHT / GASPER AIR (RH SIDE)	C,D	1
			ATTACHING PARTS		
400	NAS1096-1-5		. SCREW		4

– ITEM NOT ILLUSTRATED

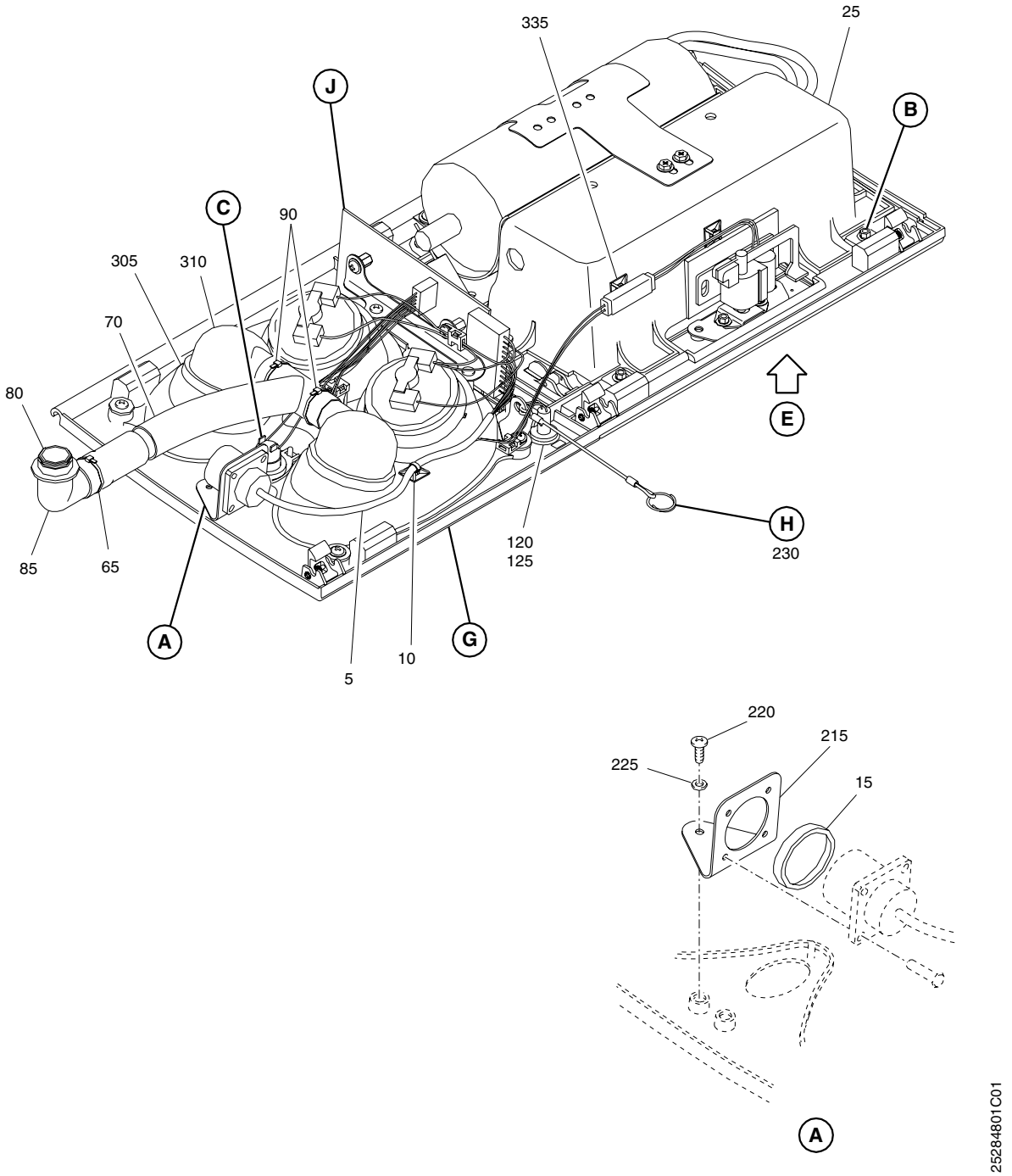
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B 405	NAS1149DN616K		. WASHER		4
			* * *		
410	CDSP4500-503B		. AIR OUTLET (TRUE PN CDSP4500-503-B) (REFER TO CMM 21-21-12 FOR DET)	B,D	2
– 410A	CDSP4515-1		. AIR OUTLET (GOLD) SUPSD BY ITEM -410B	A,C	2
– 410B	AV4098-0CP560		. AIR OUTLET (V1XE65) (GOLD) SUPSDS ITEM -410A	A,C	2
412	B805140-3		. O-RING		1
415	CDEX0633-7		. PAD, ANTI-RATTLE		6
420	MS20470B3-13		. PIN		3
425	T025-180-140L		. SPRING, TORSION (V74197)		3
430	7271022-3		. CATCH, PSU LATCH		3
435	MS3367-4-9		. CABLE TIE		1
440	NAS1096-1-4		. SCREW		2
445	NAS1149DN616K		. WASHER		2
450	94807A024		. NUT, SPEED (V3A054) (PUSH ON)		1
– 450A	CD0720-012-4		. NUT, SPEED (V78553) (ALT PN 94807A024)		1
– 455	9326202-503		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR (LH SIDE)	A,B	1
– 456	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	A,B	6

– ITEM NOT ILLUSTRATED

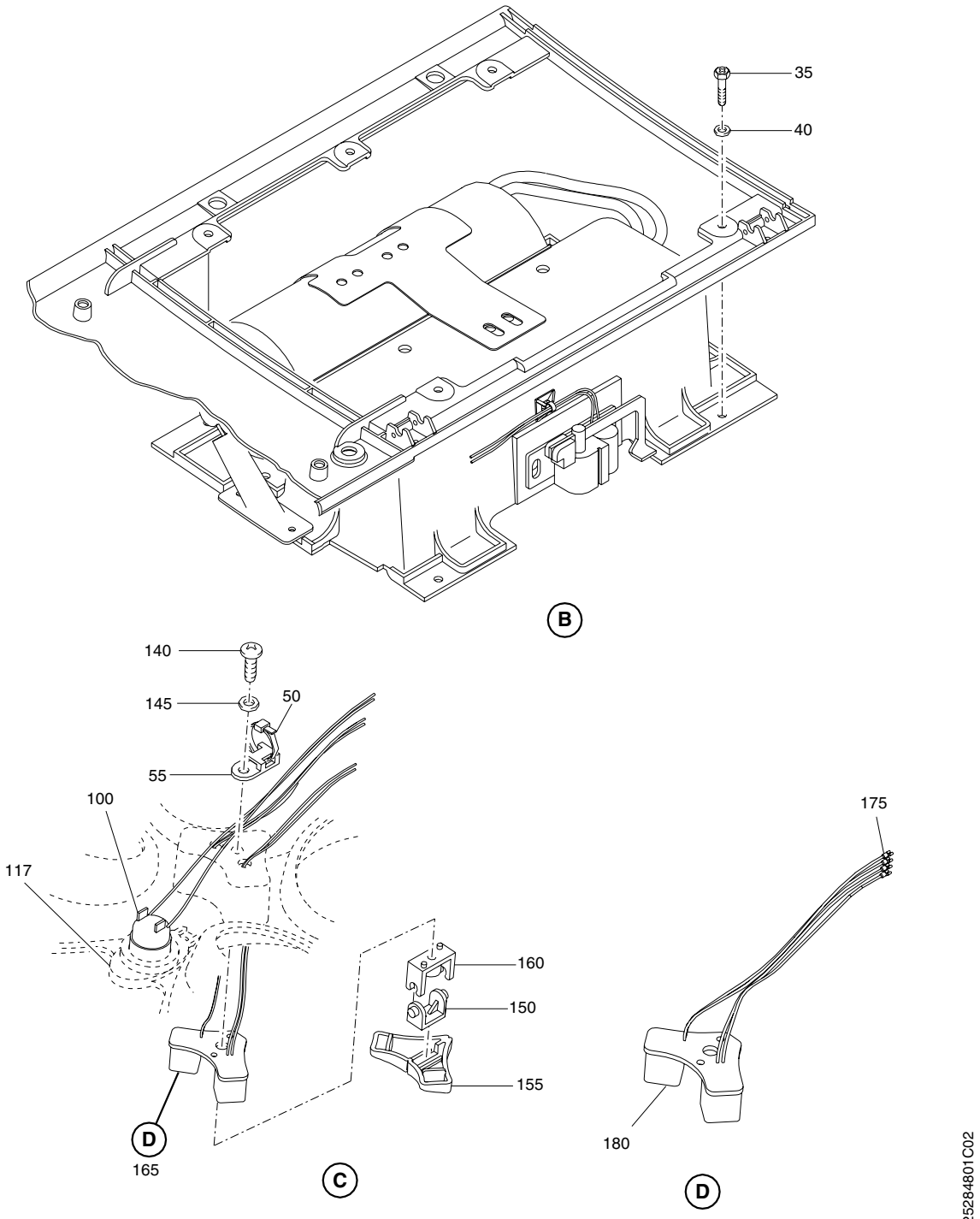
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1B 457	9326202-3		. . PANEL, OXYGEN / LIGHT / GASPER AIR (LH SIDE) (USED ON PN 9326202-503)	A,B	1
– 460	9326202-504		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR (RH SIDE)	C,D	1
– 465	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	C,D	6
– 470	9326202-3		. . PANEL, OXYGEN / LIGHT / GASPER AIR (MOVED TO ITEM 457)		D
– 475	9326202-4		. . PANEL, OXYGEN / LIGHT / GASPER AIR (RH SIDE) (USED ON PN 9326202-504)	C,D	1

– ITEM NOT ILLUSTRATED

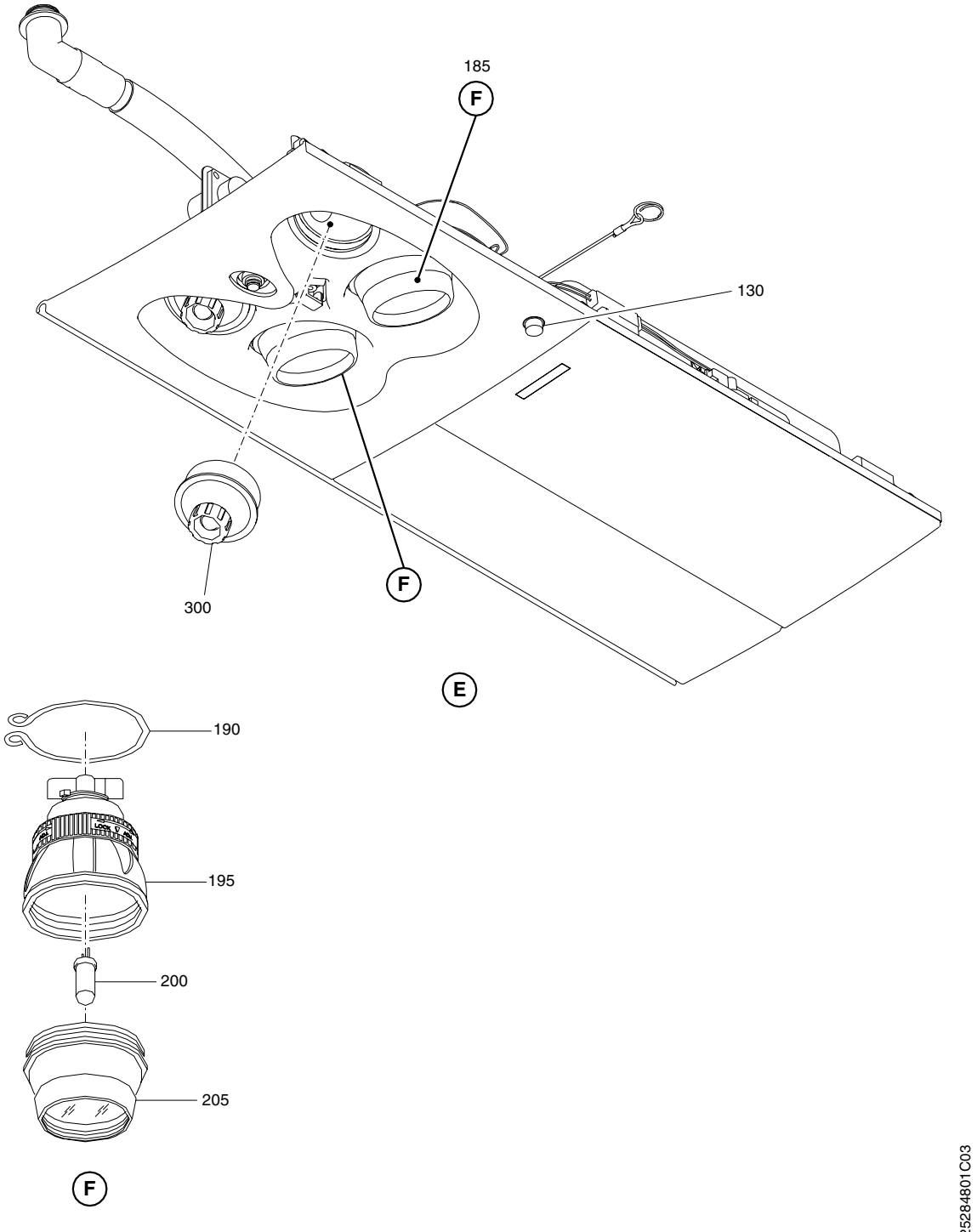
This page intentionally left blank.



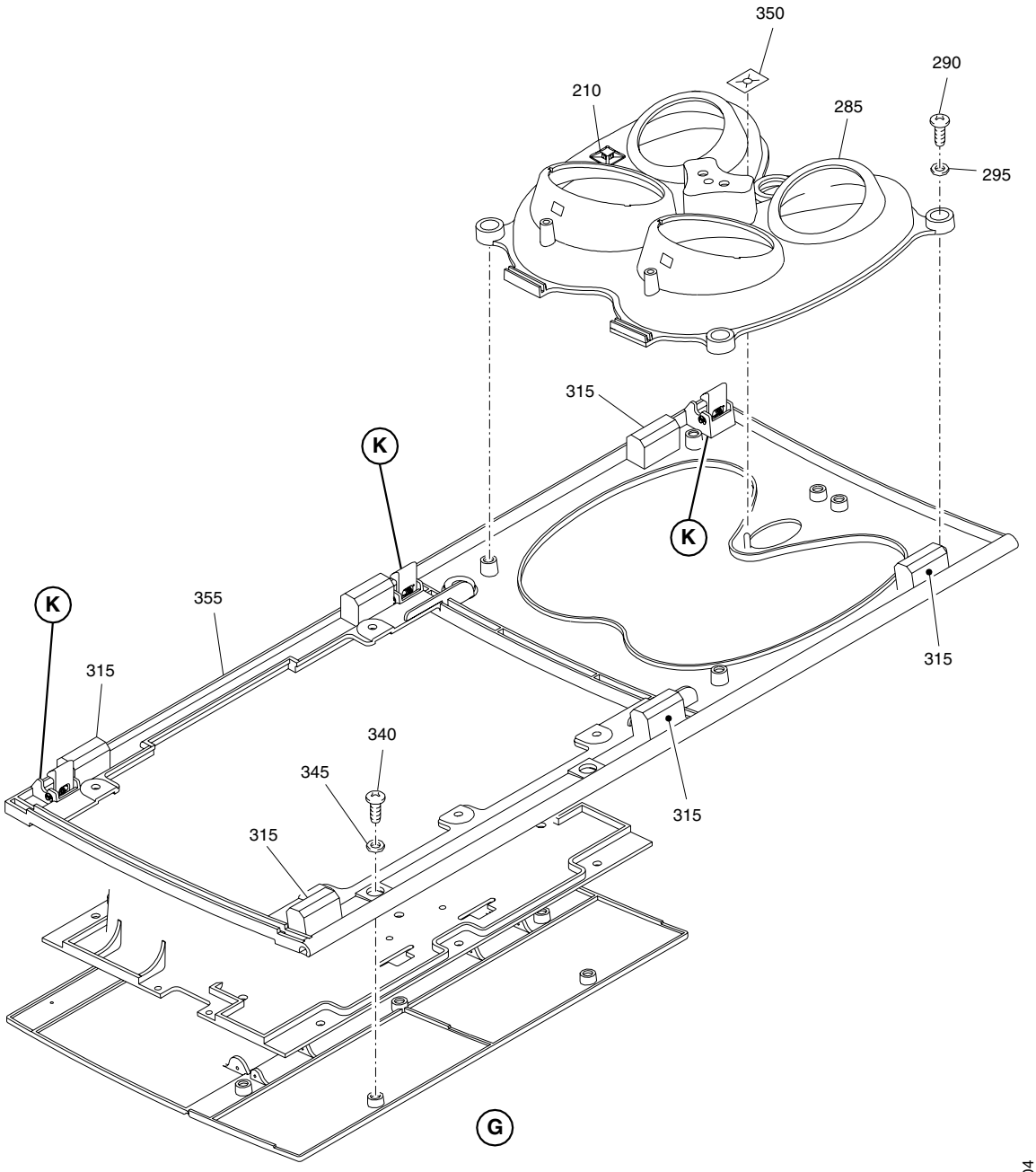
Left-Hand Passenger Service Unit Assembly
(Sheet 1 of 5)
Figure 1C/GRAPHIC 25-28-48-99b-004-A01



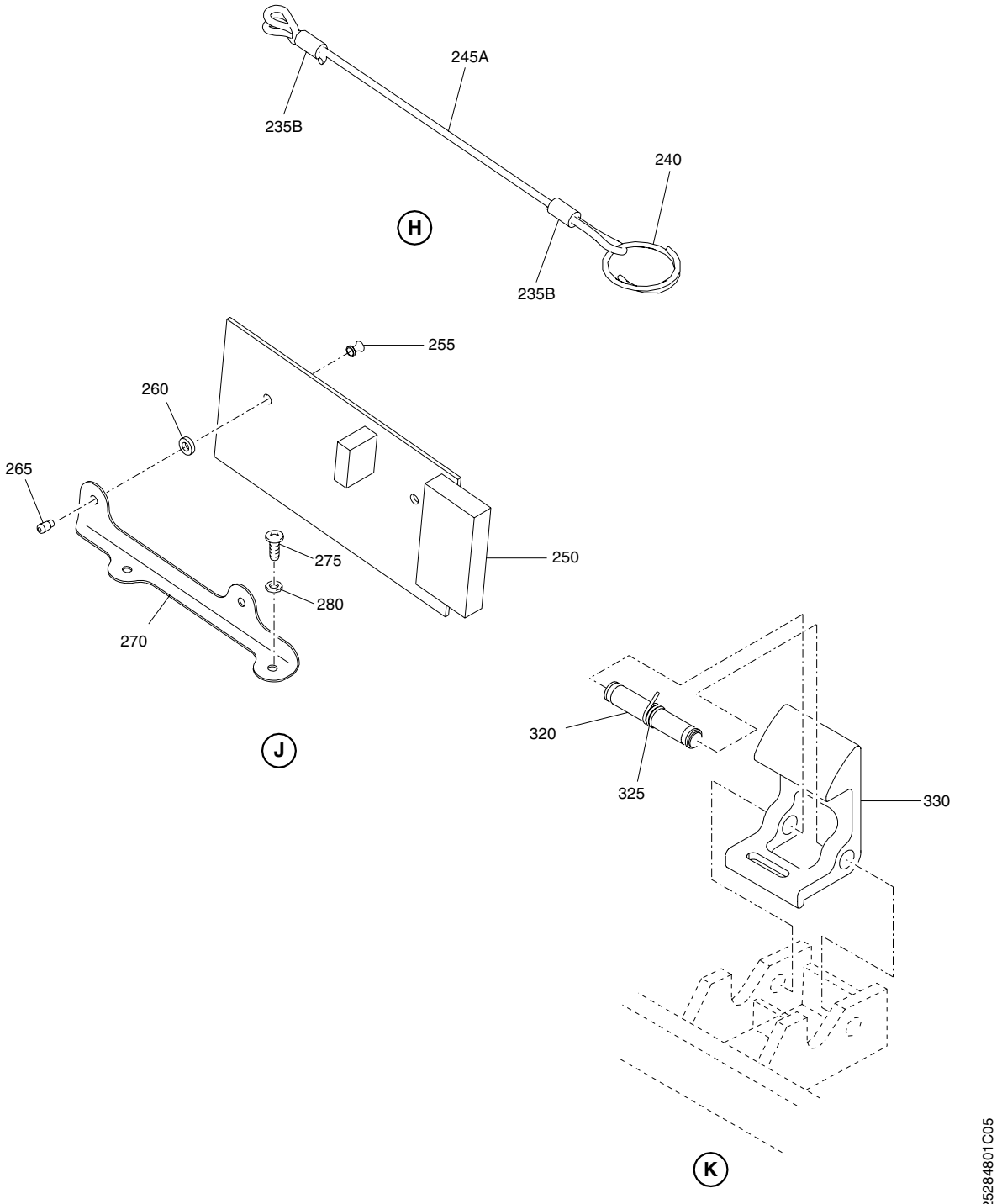
Left-Hand Passenger Service Unit Assembly
(Sheet 2 of 5)
Figure 1C/GRAPHIC 25-28-48-99b-004-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 3 of 5)
Figure 1C/GRAPHIC 25-28-48-99b-004-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 4 of 5)
Figure 1C/GRAPHIC 25-28-48-99b-004-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 5 of 5)
Figure 1C/GRAPHIC 25-28-48-99b-004-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1C – 1	9326114-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES)	A	RF
– 1A	9326114-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES)	B	RF
5	9326730-501		. WIRE HARNESS ASSY, PSU (LH SIDE)	A	1
– 5A	9326730-503		. WIRE HARNESS ASSY, PSU (RH SIDE)	B	1
10	MS3367-4-9		. CABLE TIE		1
15	170-45513-001		. PAD, FOAM		1
– 20	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
25	3868105-509		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) (LH SIDE) SEE FIG. 3A FOR DET	A	1
– 30	9326105-507		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) (RH SIDE) (INCORRECT PN) SEE FIG. 3 FOR DET	B	D
– 30A	3868105-507		. OXYGEN BOX ASSY (3 MAN, 22 MINUTES) (RH SIDE) (CORRECT PN) SEE FIG. 3A FOR DET	B	1
			ATTACHING PARTS		
35	NAS1096-1-5		. SCREW		5
40	NAS1149DN616K		. WASHER		5
			* * *		
– 45	104257-5		. DELETED		D
50	MS3367-4-9		. CABLE TIE		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1C 55	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
– 60	9326235-509		. HOSE ASSY, AIR		1
65	MS3367-4-9		. . CABLE TIE		1
70	9326236-7		. . AIR HOSE		1
– 75	9326232-501		. . CONNECTOR ASSY, MALE		1
80	9452K71		. . . O-RING (V3A054)		1
85	9326232-1		. . . CONNECTOR, MALE		1
90	MS3367-4-9		. CABLE TIE		2
– 95	9326726-501		. SWITCH ASSY, ATT CALL		1
– 97	MS3367-4-9		. . CABLE TIE		2
– 98	CDEL005		. . DELETED		D
100	104479-7		. . CONTACT, SOCKET (V3V5D8)		2
– 105	9326728-501		. . SWITCH CAP ASSY		1
– 110	9326208-1		. . . DELETED		D
– 115	P8-7000014		. . . DELETED		D
117	P8-7000012		. . . SWITCH AND CAP ASSY (V0UL03) (GREEN)		1
120	9326727-501		. LIGHT ASSY, ATT CALL		1
– 122	MS3367-4-9		. . CABLE TIE		2
– 123	CDEL005		. . DELETED		D
125	770258-1		. . CONTACT, CRIMP (V3V5D8)		2
130	961W12G5K28HNW9		. . LED, ATT (V15513) (TRUE PN 961W12-G5K28H-NW9)		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1C – 135	9326207-501		. SWITCH CAP ASSY, READING LIGHT		1
			ATTACHING PARTS		
140	MS24625-21		. SCREW		1
145	NAS1149DN616K		. WASHER		1
			* * *		
150	9326207-3		. . ROCKER		1
155	9326207-1		. . CAP, LIGHT SWITCH		1
160	9326207-5		. BASE, ROCKER		1
165	9326725-501		. PCB ASSY, SWITCH (READING LIGHT)		1
– 170	104479-7		. . CONTACT, SOCKET (V3V5D8) (ALT PN 1-104479-3 OR 104479-4)		4
175	K12ABK15N		. . SWITCH, KEY (V71468)		2
180	9326715-1		. . PCB ARTWORK		1
185	CDSP4641-3		. LIGHT ASSY, READING		2
– 185A	2LA007278-23		. LIGHT ASSY, READING (VD8095) (ALT PN TO ITEM 185)		2
190	9NU402129-22		. . RING, SPRING (VD8095)		1
195	9EL408685-23		. . LENS ASSY, HOUSING (VD8095)		1
200	8GH007429-28		. . LAMP, INCANDESCENT (VD8095)		1
205	9BG408684-23		. . HOUSING ASSY (VD8095)		1
210	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)		1
215	9326238-5		. BRACKET		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1C			ATTACHING PARTS		
220	NAS1096-1-3		. SCREW		2
225	NAS1149DN616K		. WASHER		2
			* * *		
230	9326225-511		. LANYARD ASSY		1
– 235	3573T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM -235A		2
– 235A	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 235B SUPSDS ITEM -235		2
235B	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -235A		2
240	86805T34		. . RING, SPLIT (V3A054)		1
– 245	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 245A		AR
245A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -245		AR
250	9326752-501		. PCB ASSY (LH SIDE)	A	1
– 250A	9326752-502		. PCB ASSY (RH SIDE)	B	1
255	HN3P33-4-1		. NYLATCH, PLUNGER (V83014) (TRUE PN HN3P-33-4-1)		2
260	90130A013		. SPACER (PCB)		2
265	HN3G33-1		. NYLATCH, GROMMET (V83014) (TRUE PN HN3G-33-1)		2

– ITEM NOT ILLUSTRATED

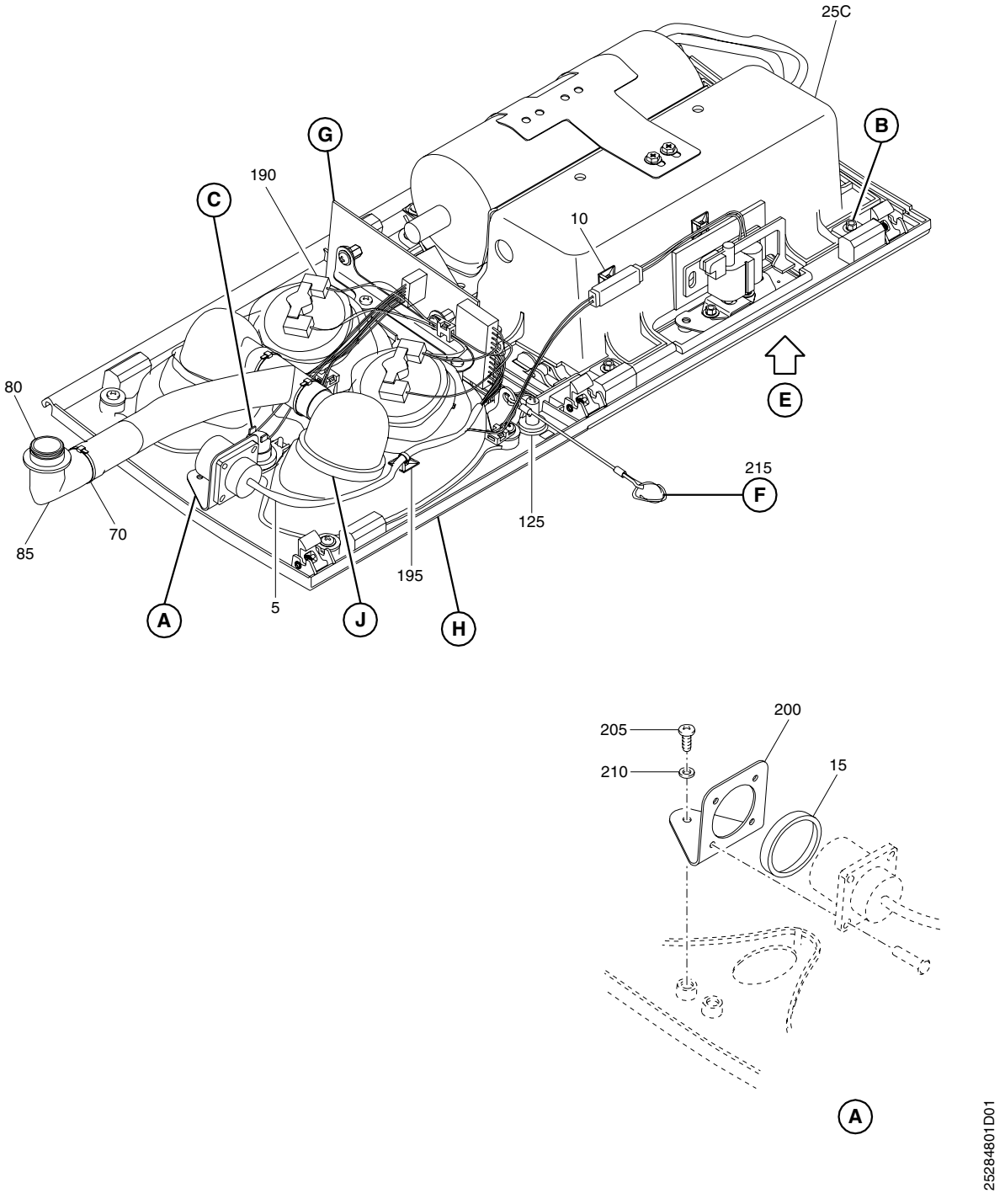
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1C 270	9326238-3		. BRACKET, PCB (LH SIDE)	A	1
– 270A	9326238-4		. BRACKET, PCB (RH SIDE)	B	1
			ATTACHING PARTS		
275	MS24625-19		. SCREW		2
280	NAS1149DN616K		. WASHER		2
			* * *		
285	9326204-3		. BUCKET, LIGHT / GASPER AIR		1
			ATTACHING PARTS		
290	NAS1096-1-5		. SCREW		4
295	NAS1149DN616K		. WASHER		4
			* * *		
300	CDSP4500-503B		. AIR OUTLET (TRUE PN CDSP4500-503-B) (REFER TO CMM 21-21-12 FOR DET)		2
305	CDSP4514-501		. CLAMP, PLENUM CAP		2
310	CDSP4645-1		. CAP, PLENUM		2
315	CDEX0633-7		. PAD, ANTI-RATTLE		6
320	MS20470B3-13		. PIN		3
325	T025-180-140L		. SPRING, TORSION (V74197)		3
330	7271022-3		. CATCH, PSU LATCH		3
– 330A	7271022-3		. DELETED	B	D
335	MS3367-4-9		. CABLE TIE		1
340	NAS1096-1-4		. SCREW		2
345	NAS1149DN616K		. WASHER		2

– ITEM NOT ILLUSTRATED

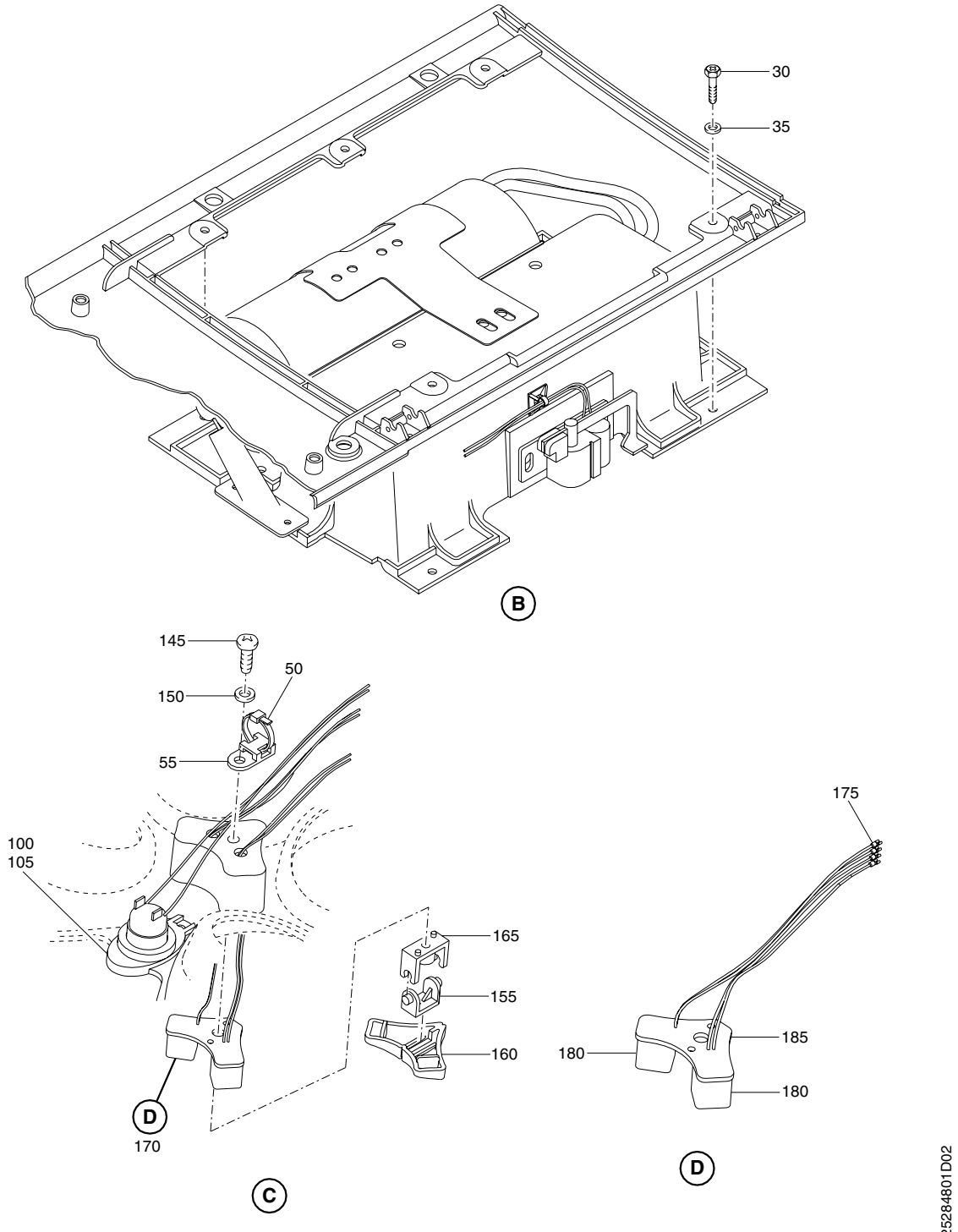
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1C 350	94807A024		. NUT, SPEED (V3A054) (PUSH ON) (ALT PN C00720-012-4 - V78553)		1
355	9326202-503		. PANEL ASSY, OXYGEN/LIGHT/ GASPER AIR (LH SIDE)	A	1
– 355A	9326202-504		. PANEL ASSY, OXYGEN/ LIGHT/ GASPER AIR (RH SIDE)	B	1
– 360	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		6
– 365	9326202-3		. . PANEL, OXYGEN/LIGHT/ GASPER	A	1
– 365A	9326202-4		. . PANEL, OXYGEN/LIGHT/ GASPER	B	1

– ITEM NOT ILLUSTRATED

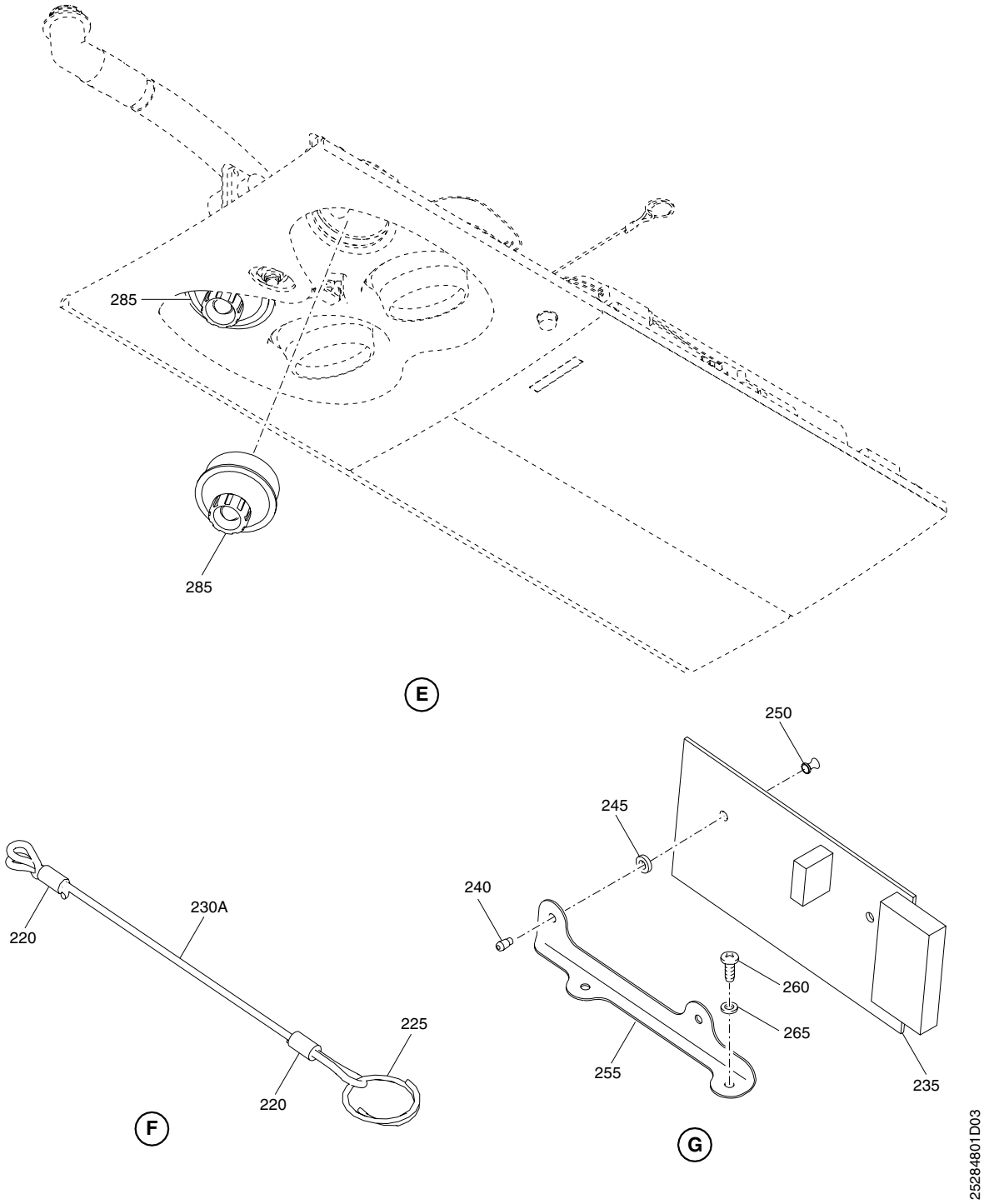
This page intentionally left blank.



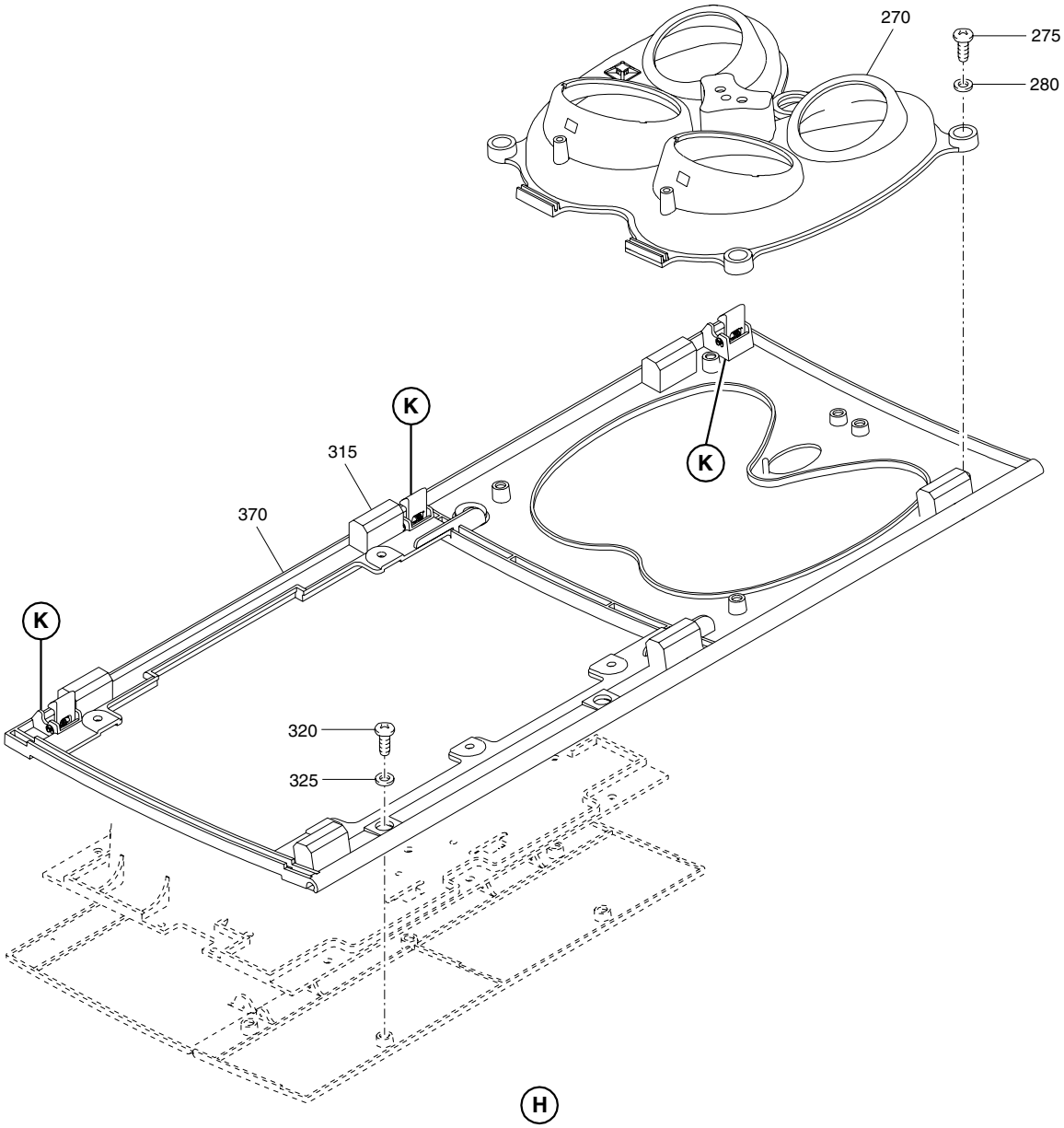
Left-Hand Passenger Service Unit Assembly
(Sheet 1 of 5)
Figure 1D/GRAPHIC 25-28-48-99b-005-A01



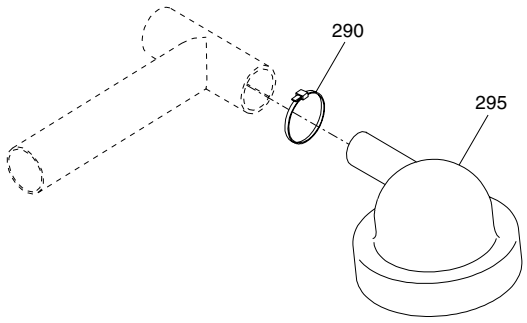
Left-Hand Passenger Service Unit Assembly
(Sheet 2 of 5)
Figure 1D/GRAPHIC 25-28-48-99b-005-A01



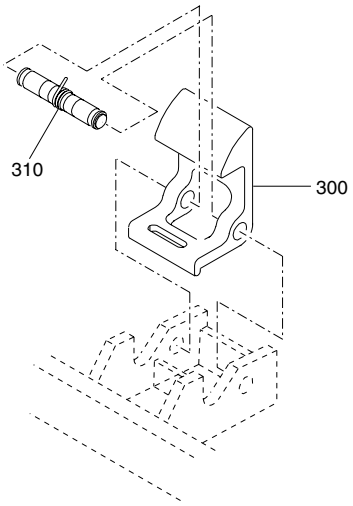
Left-Hand Passenger Service Unit Assembly
(Sheet 3 of 5)
Figure 1D/GRAPHIC 25-28-48-99b-005-A01



Left-Hand Passenger Service Unit Assembly
(Sheet 4 of 5)
Figure 1D/GRAPHIC 25-28-48-99b-005-A01



J



K

25284801D05

Left-Hand Passenger Service Unit Assembly
(Sheet 5 of 5)
Figure 1D/GRAPHIC 25-28-48-99b-005-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D – 1	9326121-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) RPLD BY ITEM -1C	A	RF
– 1A	9326121-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) RPLD BY ITEM -1D	B	RF
– 1B	9326121-103		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES) RPLD BY ITEM -1E	C	RF
– 1C	9326127-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1M FOR NHA RPLS ITEM -1	D	RF
– 1D	9326127-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1K FOR NHA SEE FIG. 1M FOR NHA RPLS ITEM -1A	E	RF
– 1E	9326127-103		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 13 MINUTES) SEE FIG. 1K FOR NHA RPLS ITEM -1B	F	RF
– 1F	9326128-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1K FOR NHA	G	RF
– 1G	9326128-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES)	H	RF
– 1H	9326121-105		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES)	J	RF

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D – 1J	9326121-106		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES)	K	RF
– 1K	9326121-107		PSU ASSY, LH (OXY/LIGHT/GASPER) (2 MAN, 22 MINUTES)	L	RF
– 1L	9326128-104		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 22 MINUTES)	M	RF
– 1M	H839103-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1N FOR NHA	N	RF
– 1N	H839103-103		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1N FOR NHA	P	RF
– 1P	H839105-101		PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1N FOR NHA	Q	RF
– 1Q	H839105-102		PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1N FOR NHA	R	RF
5	9326730-501		. WIRE HARNESS ASSY, PSU (LH SIDE)	A,C,D,F, H,J,L,N	1
– 5A	9326730-503		. WIRE HARNESS ASSY, PSU (RH SIDE)	B,E,G, K,M,P,R	1
10	MS3367-4-9		. CABLE TIE	A-F,J-L, Q,R	5
– 10A	MS3367-4-9		. CABLE TIE	G,H,M, N,P	4
15	170-45513-001		. PAD, FOAM		1
– 20	SRV0-3080		. RIVET, SNAP (V6B3V9)	A-M	4
– 20A	SRV0-3080B		. RIVET, SNAP (V6B3V9)	N,P,Q,R	4

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D – 25	3868105-511		. OXYGEN BOX ASSY (LH SIDE) (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	A	1
– 25A	3868105-503		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	B	1
– 25B	3868105-501		. OXYGEN BOX ASSY (LH SIDE) (2 MAN, 13 MINUTES) SEE FIG. 3 FOR DET	C	1
25C	3868106-511		. OXYGEN BOX ASSY (LH SIDE) (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	D,H,N,Q	1
– 25D	3868106-503		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 13 MINUTES) SEE FIG. 3A FOR DET	E,G,P,R	1
– 25E	3868106-501		. OXYGEN BOX ASSY (LH SIDE) (2 MAN, 13 MINUTES) SEE FIG. 3 FOR DET	F	1
– 25F	3868105-505		. OXYGEN BOX ASSY (LH SIDE) (3 MAN, 22 MINUTES) SEE FIG. 3 FOR DET	L	1
– 25G	3868105-507		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 22 MINUTES) SEE FIG. 3A FOR DET	K,M	1
– 25H	3868105-509		. OXYGEN BOX ASSY (LH SIDE) (3 MAN, 22 MINUTES) SEE FIG. 3A FOR DET	J	1
			ATTACHING PARTS		
30	NAS1096-1-5		. SCREW		5

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D 35	NAS1149DN616K		. WASHER		5
			* * *		
– 40	104257-5		. DELETED	D-L	D
– 40A	104257-5		. RECEPTACLE HOUSING (V00779)	N,P,Q,R	1
– 45	MS3367-4-9		. DELETED	D-L	D
– 45A	MS3367-4-9		. CABLE TIE	N,P,Q,R	1
50	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
55	9326235-517		. HOSE ASSY, AIR	A-F,J-L, Q,R	1
– 55A	9326235-516		. HOSE ASSY, AIR	G,M,N,P	1
– 55B	9326235-515		. HOSE ASSY, AIR	H	1
– 60	MS3367-4-9		. DELETED	D-F,J-L	D
– 65	MS3367-4-9		. . CABLE TIE		1
70	9326236-1		. . AIR HOSE	A-F,J-L, Q,R	1
– 70A	9326236-6		. . AIR HOSE	G,M,N,P	1
– 70B	9326236-5		. . AIR HOSE	H	1
– 75	9326232-503		. . CONNECTOR ASSY, MALE		1
80	9452K71		. . . O-RING (V3A054)		1
85	9326232-3		. . . CONNECTOR, MALE		1
– 90	9326726-505		. SWITCH ASSY, ATT CALL	A-M	1
– 90A	9326726-507		. SWITCH ASSY, ATT CALL	N,P,Q,R	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D			ATTACHING PARTS		
– 95	C00720-012-4		. SPEED NUT (V78553) (PUSH ON)		1
			* * *		
100	104479-7		. . CONTACT, SOCKET (V3V5D8)		2
105	9326728-505		. . SWITCH CAP ASSY	A-M	1
– 105A	9326728-507		. . SWITCH CAP ASSY	N,P,Q,R	1
– 110	9326208-5		. . . DELETED		D
– 115	P8-7000021		. . . SWITCH (V0UL03)	A-M	1
– 120	P8-7000014		. . . SWITCH	N,P,Q,R	1
125	9326727-501		. LIGHT ASSY, ATT CALL	A-M	1
– 125A	9326727-505		. LIGHT ASSY, ATT CALL	N,P,Q,R	1
– 130	770258-1		. . RECEPTACLE (V00779)		2
– 135	961W12G5K28HNW9		. . LED, ATT (V3V5D8) (TRUE PN 961W12-G5K28H-NW9)	A-M	1
– 135A	961W12NKB28HNW9		. . LED, ATT (V3V5D8) (TRUE PN 961W12-NKB28H-NW9)	N,P,Q,R	1
– 140	9326207-503		. SWITCH CAP ASSY, READING LIGHT	A-M	1
– 140A	9326207-505		. SWITCH CAP ASSY, READING LIGHT	N,P,Q,R	1
			ATTACHING PARTS		
145	MS24625-21		. SCREW		1
150	NAS1149DN616K		. WASHER		1
			* * *		
155	9326207-9		. . ROCKER	A-M	1
– 155A	9326207-13		. . ROCKER	N,P,Q,R	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D 160	9326207-7		. . CAP, LIGHT SWITCH	A-M	1
– 160A	9326207-11		. . CAP, LIGHT SWITCH	N,P,Q,R	1
165	9326207-5		. BASE, ROCKER		1
170	9326725-501		. PCB ASSY, SWITCH (READING LIGHT)		1
175	104479-7		. . CONTACT, SOCKET (V3V5D8)		4
180	K12ABK15N		. . SWITCH, KEY (V71468)		2
185	9326715-1		. . PCB ARTWORK		1
190	CDEL1014-1		. READING LIGHT	A-M	2
– 190A	CDEL1123-1		. READING LIGHT	N,P,Q,R	2
195	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)		1
200	9326238-5		. BRACKET		1
			ATTACHING PARTS		
205	NAS1096-1-3		. SCREW		2
210	NAS1149DN616K		. WASHER		2
			* * *		
215	9326261-501		. LANYARD ASSY		1
220	3896T1		. . OVAL SLEEVE (V3A054)		2
225	3960T1		. . SNAP, SPRING (V3A054)		1
– 230	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 230A		AR
230A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -230		AR

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D 235	9326752-501		. PCB ASSY (LH SIDE)	A,C,D,F, H,J,L,N, Q	1
– 235A	9326752-502		. PCB ASSY (RH SIDE)	B,E,G,K, M,P,R	1
240	HN3P33-4-1		. NYLATCH, PLUNGER (V83014) (TRUE PN HN3P-33-4-1)		2
245	90130A013		. SPACER (PCB)		2
250	HN3G33-1		. NYLATCH, GROMMET (V83014) (TRUE PN HN3P-33-4-1)		2
255	9326238-3		. BRACKET, PCB (LH SIDE)	A,C,D,F, H,J,L,N, Q	1
– 255A	9326238-4		. BRACKET, PCB (RH SIDE)	B,E,G, K,M,P,R	1
			ATTACHING PARTS		
260	MS24625-19		. SCREW		2
265	NAS1149DN616K		. WASHER		2
			* * *		
270	9326204-5		. BUCKET, LIGHT / GASPER AIR	A-F,J-L, Q,R	1
– 270A	9326211-4		. BUCKET, LIGHT / GASPER AIR	G,M	1
– 270B	9326211-3		. BUCKET, LIGHT / GASPER AIR	H	1
– 270C	H839111-501		. BUCKET ASSY, LIGHT / GASPER	N,P	1
			ATTACHING PARTS		
275	NAS1096-1-5		. SCREW		4
280	NAS1149DN616K		. WASHER		4
			* * *		

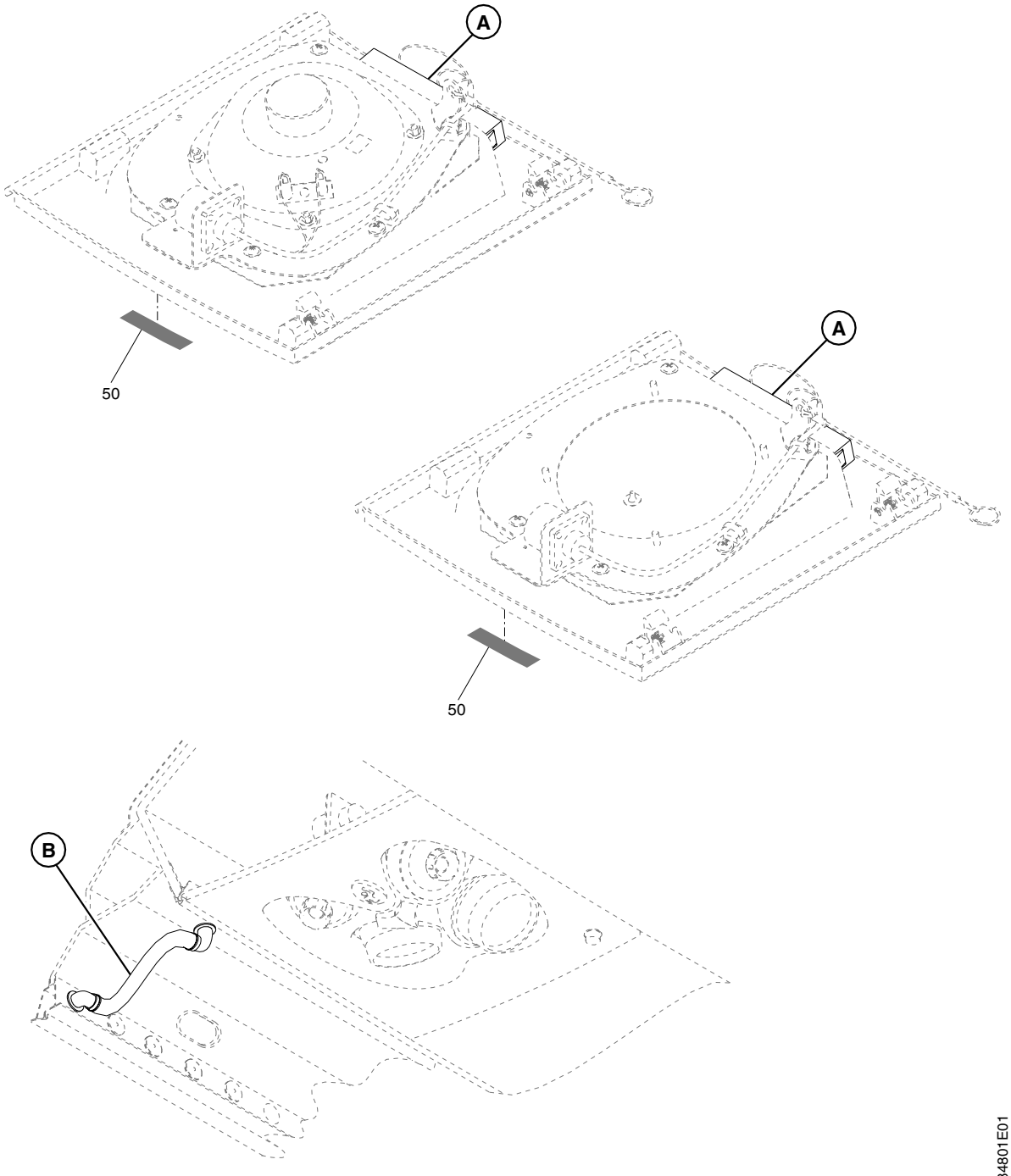
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D 285	CDSP4500-503B		. AIR OUTLET (TRUE PN CDSP4500-503-B) (REFER TO CMM 21-21-12 FOR DET)	A-M	2
– 285A	CDSP4500-503F		. AIR OUTLET (TRUE PN CDSP4500-503-F)	N,P,Q,R	2
290	CDSP4514-501		. CLAMP, PLENUM CAP	A-F,J-L, Q,R	2
– 290A	CDSP4514-501		. CLAMP, PLENUM CAP	G,H,M, N,P	1
295	CDSP4645-1		. CAP, PLENUM	A-F,J-L, Q,R	2
– 295A	CDSP4645-1		. CAP, PLENUM	G,H,M, N,P	1
300	7271022-3		. CATCH, PSU LATCH		3
			ATTACHING PARTS		
– 305	MS20470B3-13		. RIVET		3
			* * *		
310	T025-180-140L		. SPRING, TORSION (V74197)		3
315	CDEX0633-7		. PAD, ANTI-RATTLE		6
320	NAS1096-1-4		. SCREW		2
325	NAS1149DN616K		. WASHER		2
– 330	9NU408986-10		. RING, RETAINING (INCORRECT PN)	G,H	D
– 330A	9NU408985-10		. RING, RETAINING (V0AJJ0) (CORRECT PN) (TRUE PN 9NU 408 985-10)	G,H,M,N	1
– 335	9326239-31		. WASHER, SPACER	G,H,M,N	1
– 340	B805140-3		. O-RING	G,H,M,N	1
– 345	MS3367-7-9		. CABLE TIE	G,H,M,N	1
– 350	9326212-3		. ADAPTER, READING LIGHT	H	1

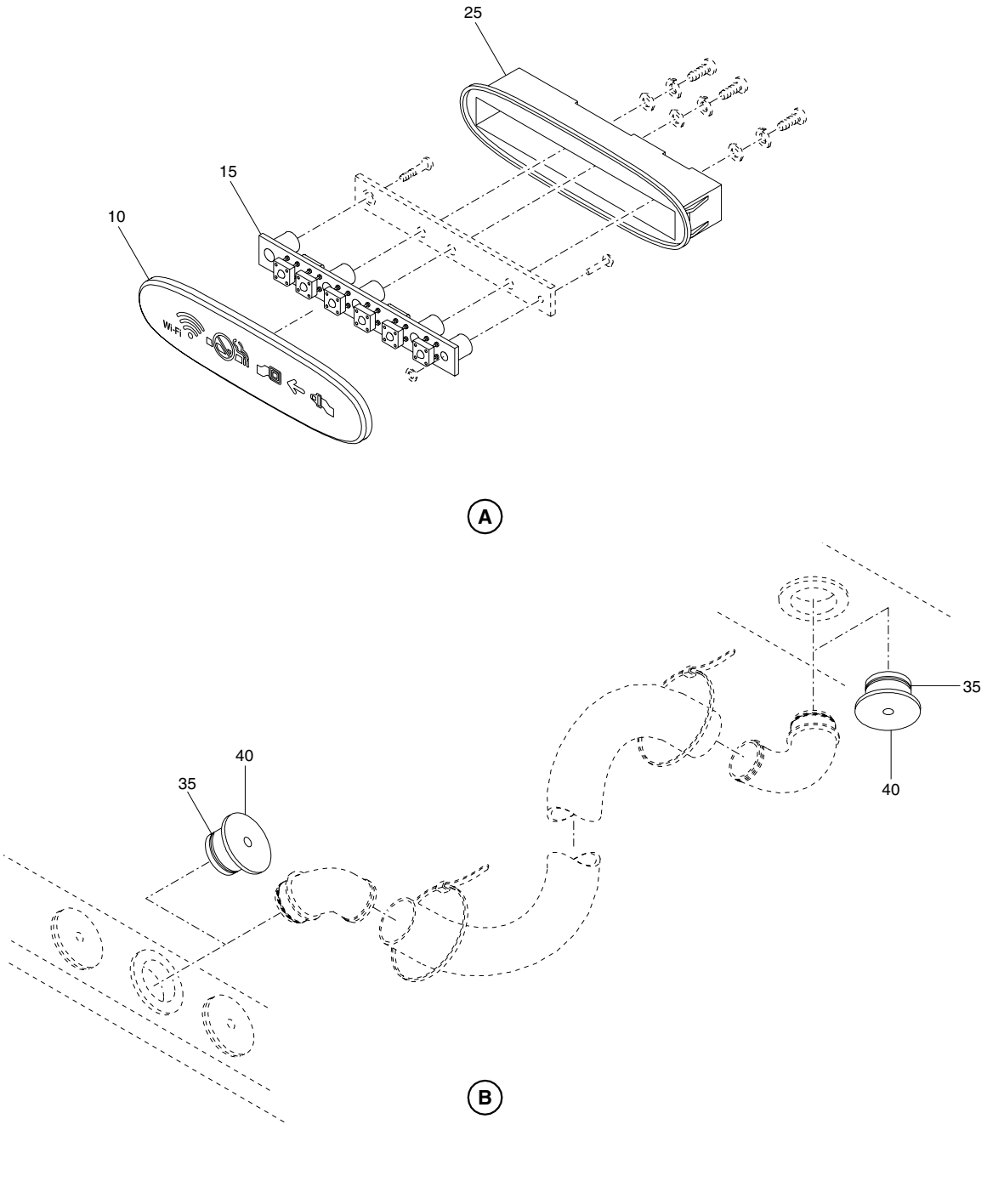
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1D – 355	9326212-7		. ADAPTER, GASPER AIR	H	1
– 360	9326212-8		. ADAPTER, GASPER AIR	G,M	1
– 365	9326112-4		. ADAPTER, READING LIGHT (INCORRECT PN)	G	D
– 365A	9326212-4		. ADAPTER, READING LIGHT (CORRECT PN)	G,M	1
370	9326202-503		. PANEL ASSY, OXYGEN/LIGHT/ GASPER AIR (LH SIDE)	A,C,D,F, H,J,L,N, Q	1
– 370A	9326202-504		. PANEL ASSY, OXYGEN/ LIGHT/ GASPER AIR (RH SIDE)	B,E,G,K, M,P,R	1
– 375	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		6
– 380	9326202-3		. . PANEL, OXYGEN/ LIGHT/ GASPER	A,C,D,F, H,J,L	1
– 380A	9326202-4		. . PANEL, OXYGEN/ LIGHT/ GASPER	B,E,G, K,M	1
– 385	CDEL2009L1		. PLACARD (BONDED) (TRUE PN CDEL2009-L1)	N,P,Q,R	1
– 390	CDEL2009L2		. PLACARD (BONDED) (TRUE PN CDEL2009-L2)	N,P,Q,R	1
– 395	CDEL2009L3		. PLACARD (BONDED) (TRUE PN CDEL2009-L3)	N,P,Q,R	1

– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
(Sheet 1 of 2)
Figure 1E/GRAPHIC 25-28-48-99b-006-A01

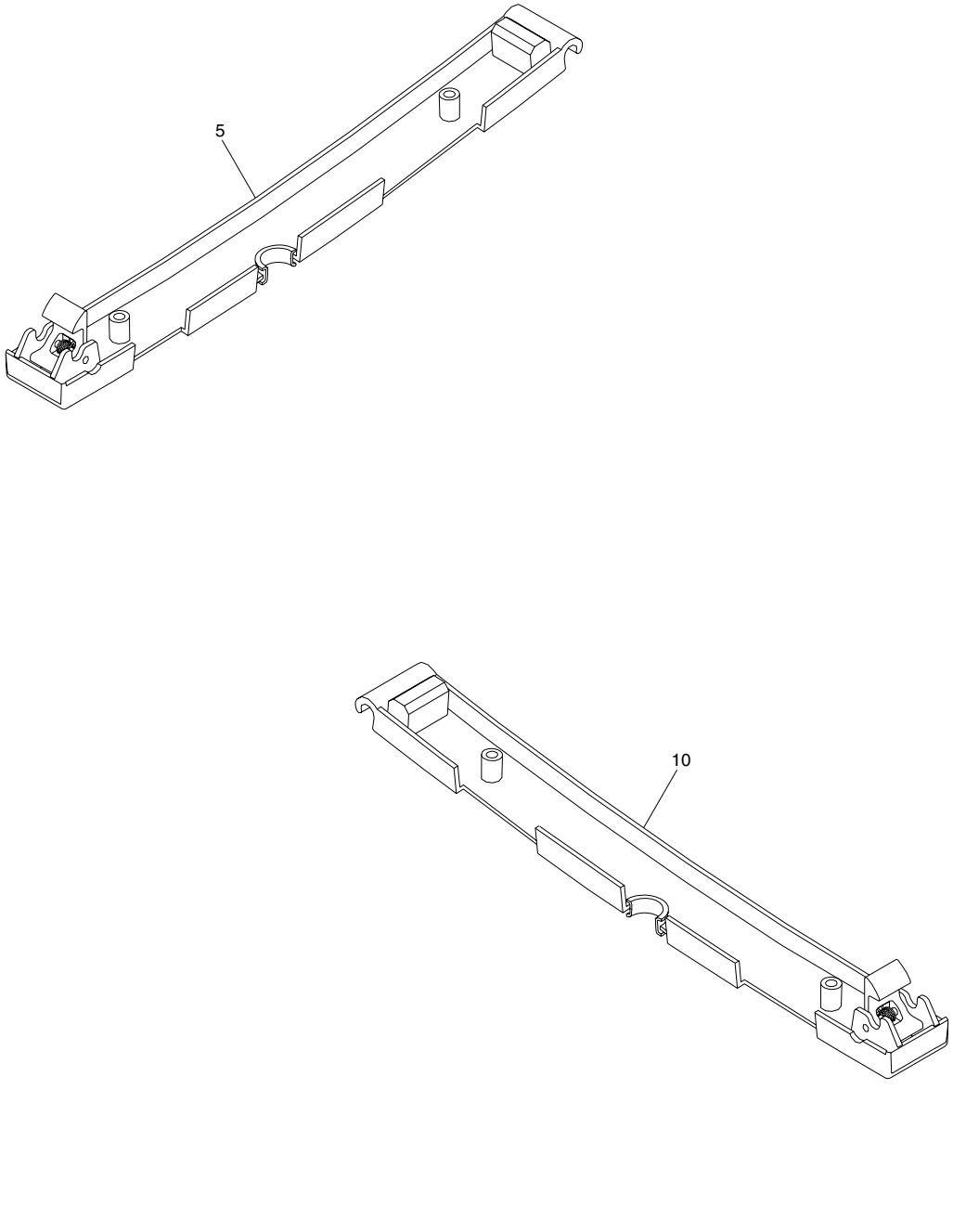


Passenger Service Unit Installation
(Sheet 2 of 2)
Figure 1E/GRAPHIC 25-28-48-99b-006-A01

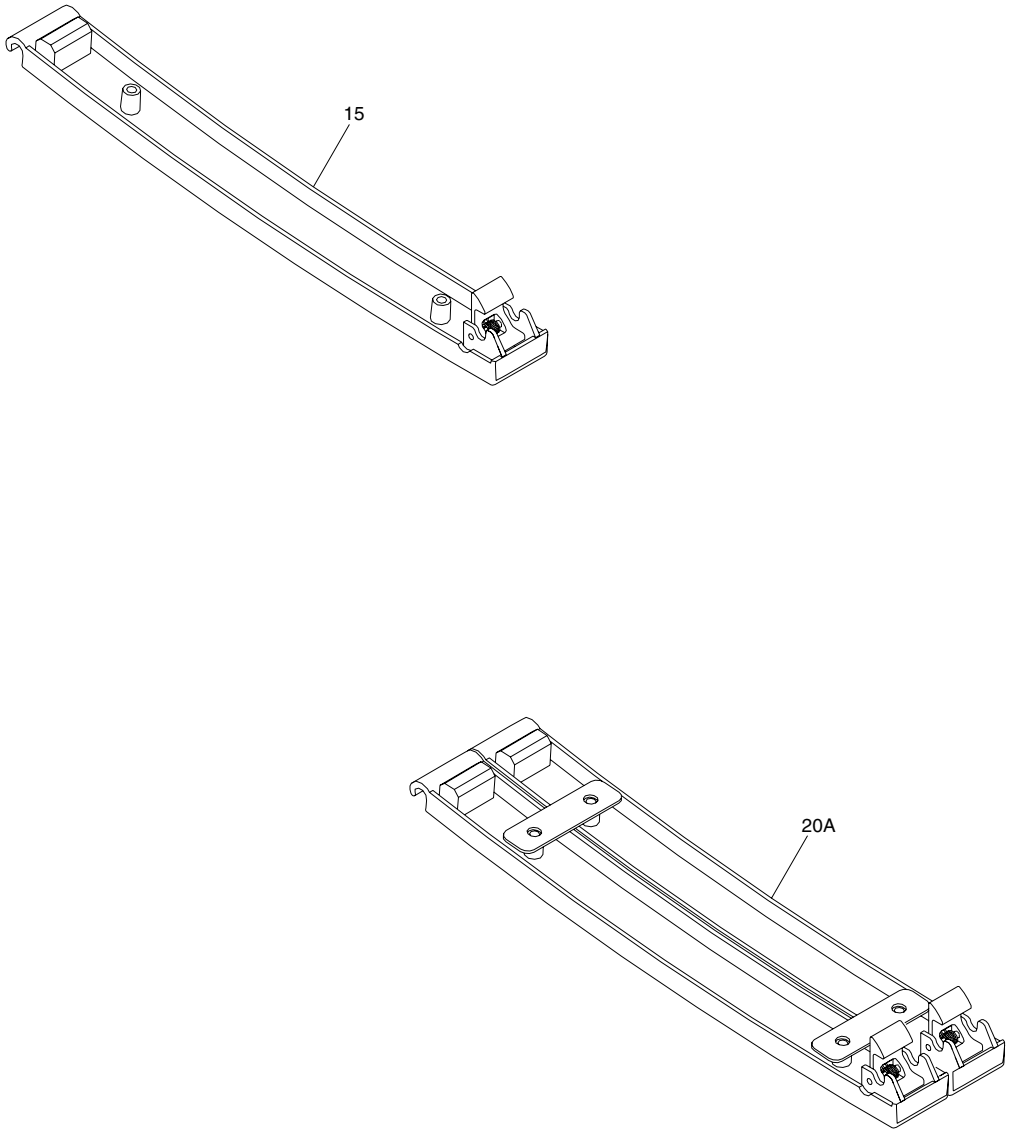
This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1E – 1	H456001-101		PSU INSTL		RF
– 5	6441120-501		. SIGN ASSY, WI-FI/NS/FSB		2
10	6441121-1		. . LENS (BONDED)		1
15	6441112-503		. . PCB ASSY		1
– 20	7271045-3		. . BUMPER (BONDED)		1
25	6441122-501		. . HOUSING ASSY		1
– 30	9326233-501		. PLUG ASSY		2
35	9452K71		. . O-RING (V3A054)		1
40	9326233-1		. . PLUG		1
– 45	9452K71		. O-RING (V3A054)		2
50	CDPL603-5H45600		. PLACARD (BONDED) (TRUE PN CDPL603-5-H456001-101)		2

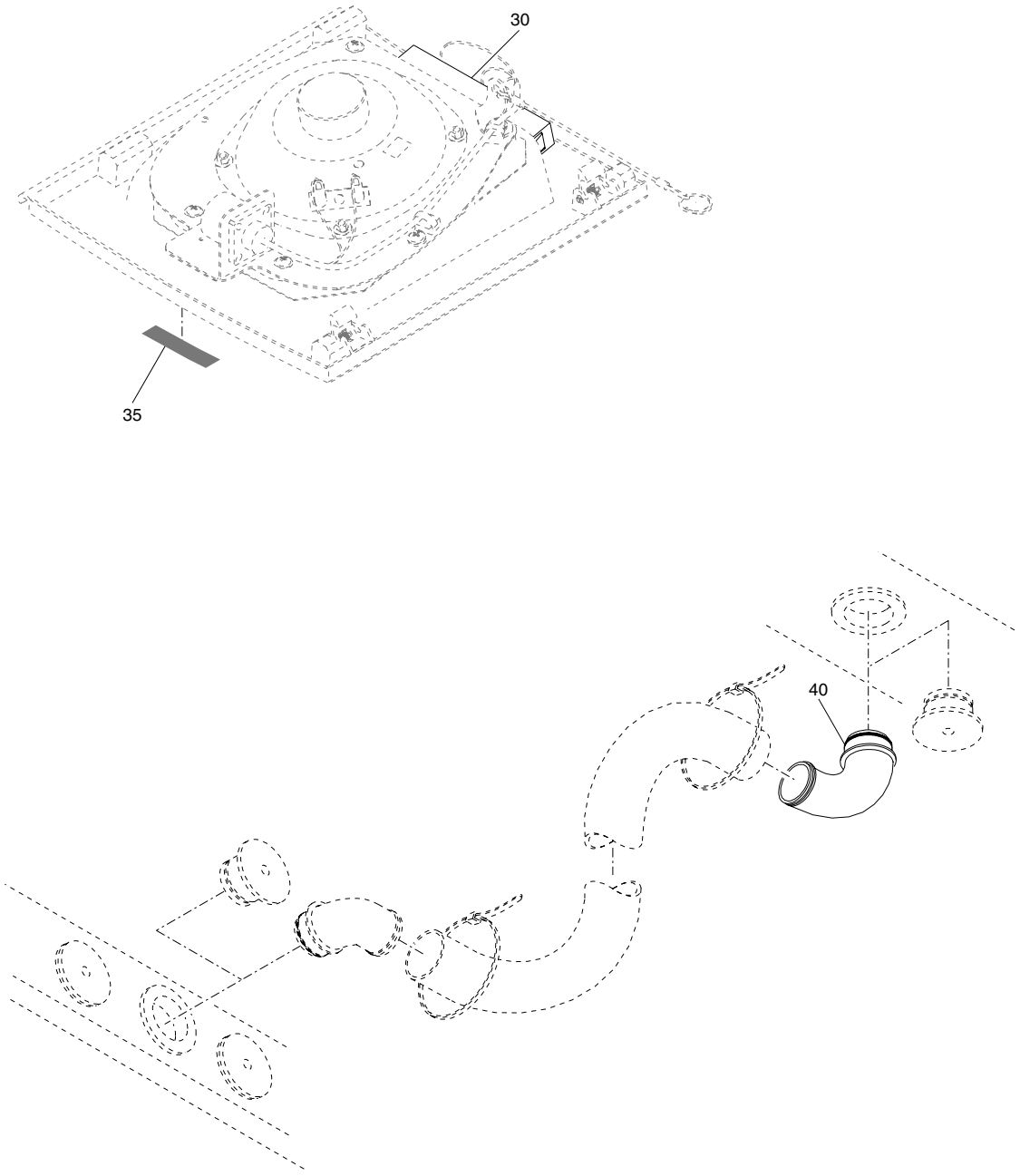
– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
(Sheet 1 of 3)
Figure 1F/GRAPHIC 25-28-48-99b-007-A01



Passenger Service Unit Installation
(Sheet 2 of 3)
Figure 1F/GRAPHIC 25-28-48-99b-007-A01



Passenger Service Unit Installation
(Sheet 3 of 3)
Figure 1F/GRAPHIC 25-28-48-99b-007-A01

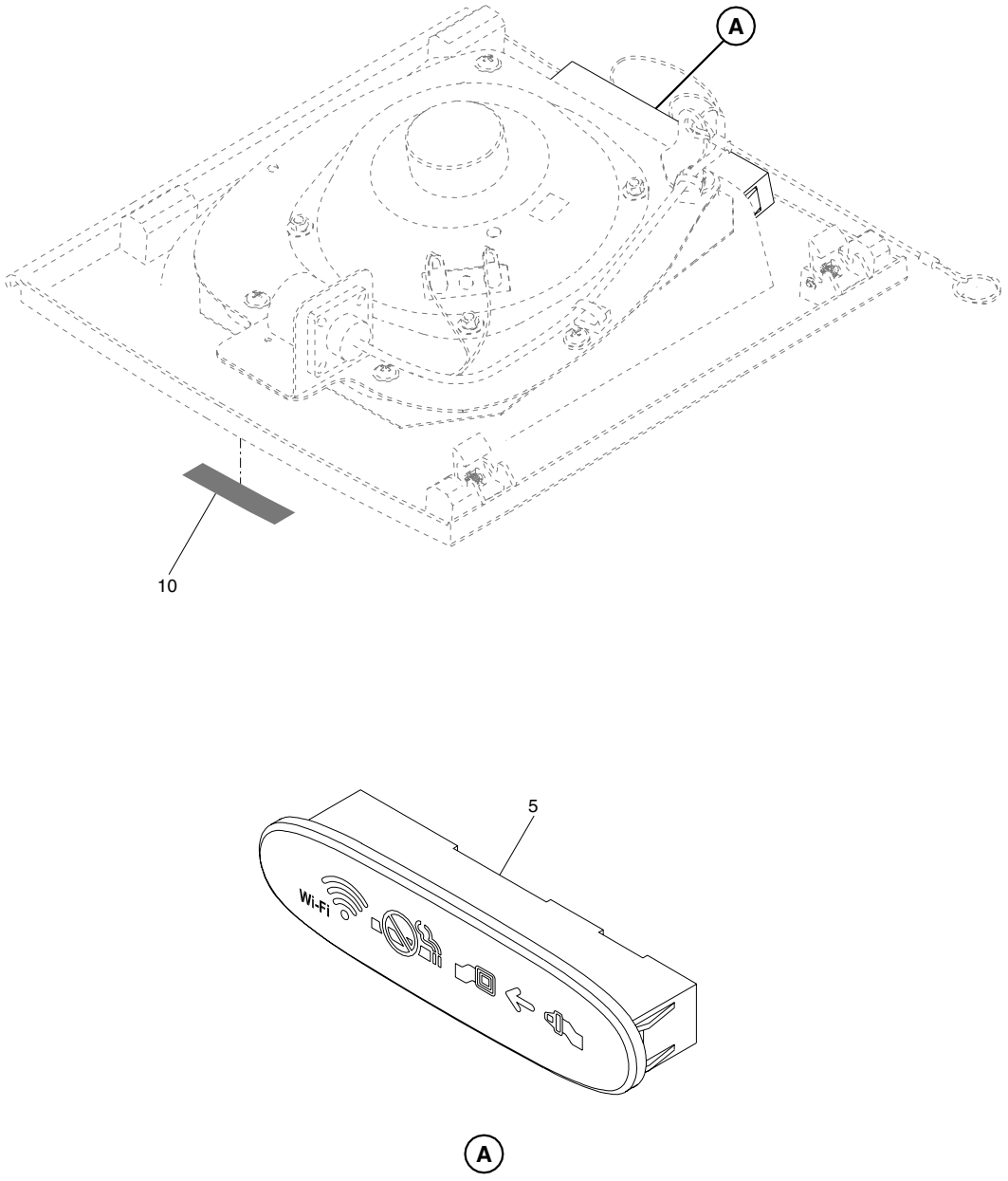
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1F – 1	H416001-101		PSU INSTL	A	RF
– 1A	H416001-103		PSU INSTL	B	RF
– 1B	H416001-105		DELETED	C	D
– 1C	H416001-107		PSU INSTL	D	RF
– 1D	H416001-109		PSU INSTL	E	RF
– 1E	H416001-111		PSU INSTL	F	RF
– 1F	H416001-113		PSU INSTL	G	RF
– 1G	H416001-115		PSU INSTL	H	RF
5	9326125-101		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 13 FOR DET	A,B,F,G	2
10	9326125-102		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 13 FOR DET	A,B,F,G	2
15	9326117-101		. PANEL ASSY, FILLER SEE FIG. 6 FOR DET	H	4
– 15A	9326117-101		. PANEL ASSY, FILLER SEE FIG. 6 FOR DET	E	6
– 20	9326117-103		. DELETED	C	D
20A	9326117-103		. PANEL ASSY, FILLER SEE FIG. 6B FOR DET	E	16
– 25	9326117-105		. DELETED	C	D
30	6441120-501		. SIGN ASSY, WI-FI/NS/FSB	A,B,E-G	42
35	CDPL603-5H41600		. PLACARD (BONDED) (TRUE PN CDPL603-5-H416001-101)	A	42
– 35A	CDPL603-5H41600		. PLACARD (BONDED) (TRUE PN CDPL603-5-H416001-103)	B	42
– 35B	CDPL603-5H41600		. PLACARD (BONDED) (TRUE PN CDPL603-5-H416001-109)	E	42

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1F – 35C	CDPL603-5H41600		. PLACARD (BONDED) (TRUE PN CDPL603-5-H416001-111)	F	42
– 35D	CDPL603-5H41600		. PLACARD (BONDED) (TRUE PN CDPL603-5-H416001-113)	G	42
40	9452K71		. O-RING (V3A054)	A,B,E-G	40
– 40A	9452K71		. O-RING (V3A054)	H	20

– ITEM NOT ILLUSTRATED

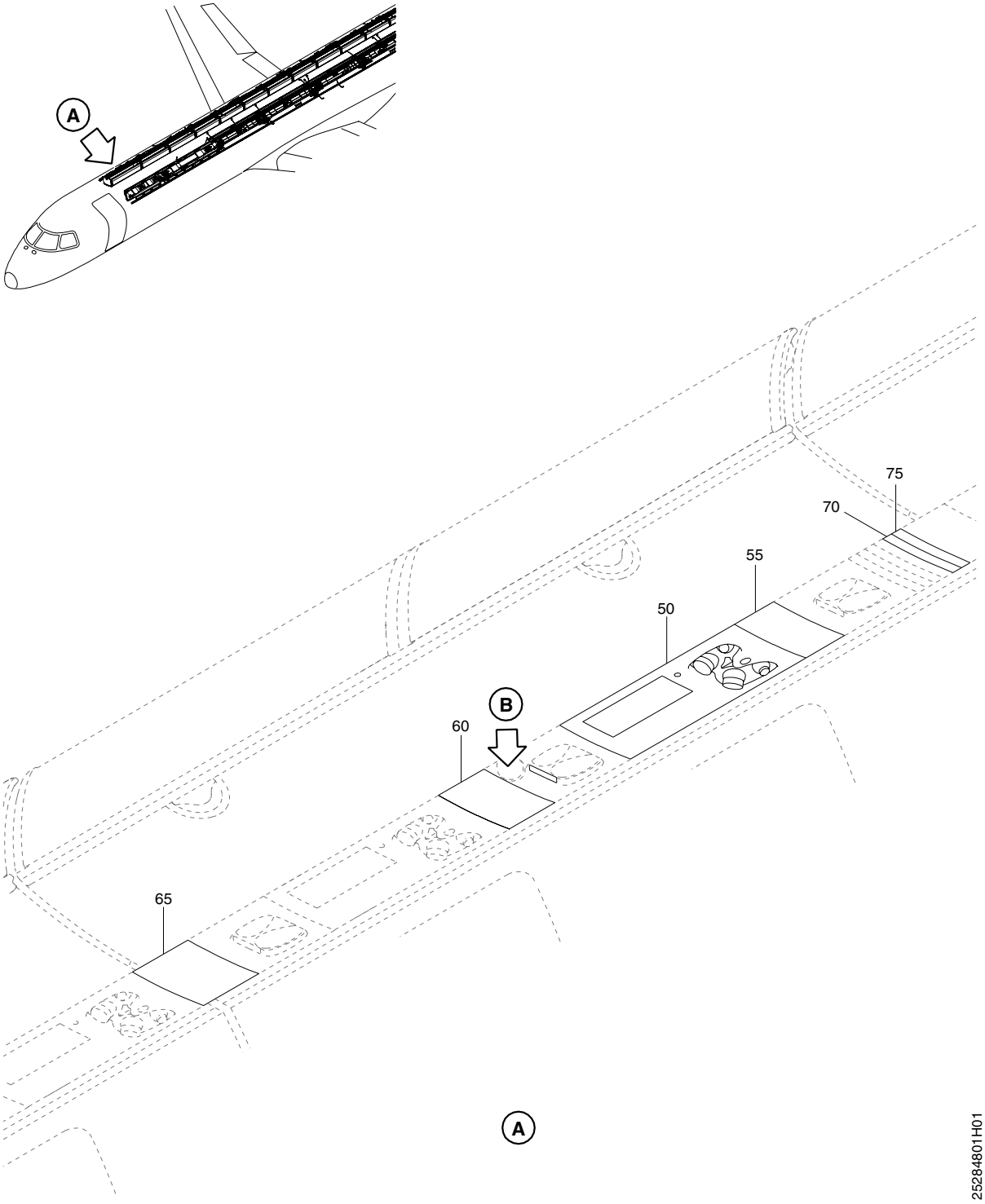
This page intentionally left blank.



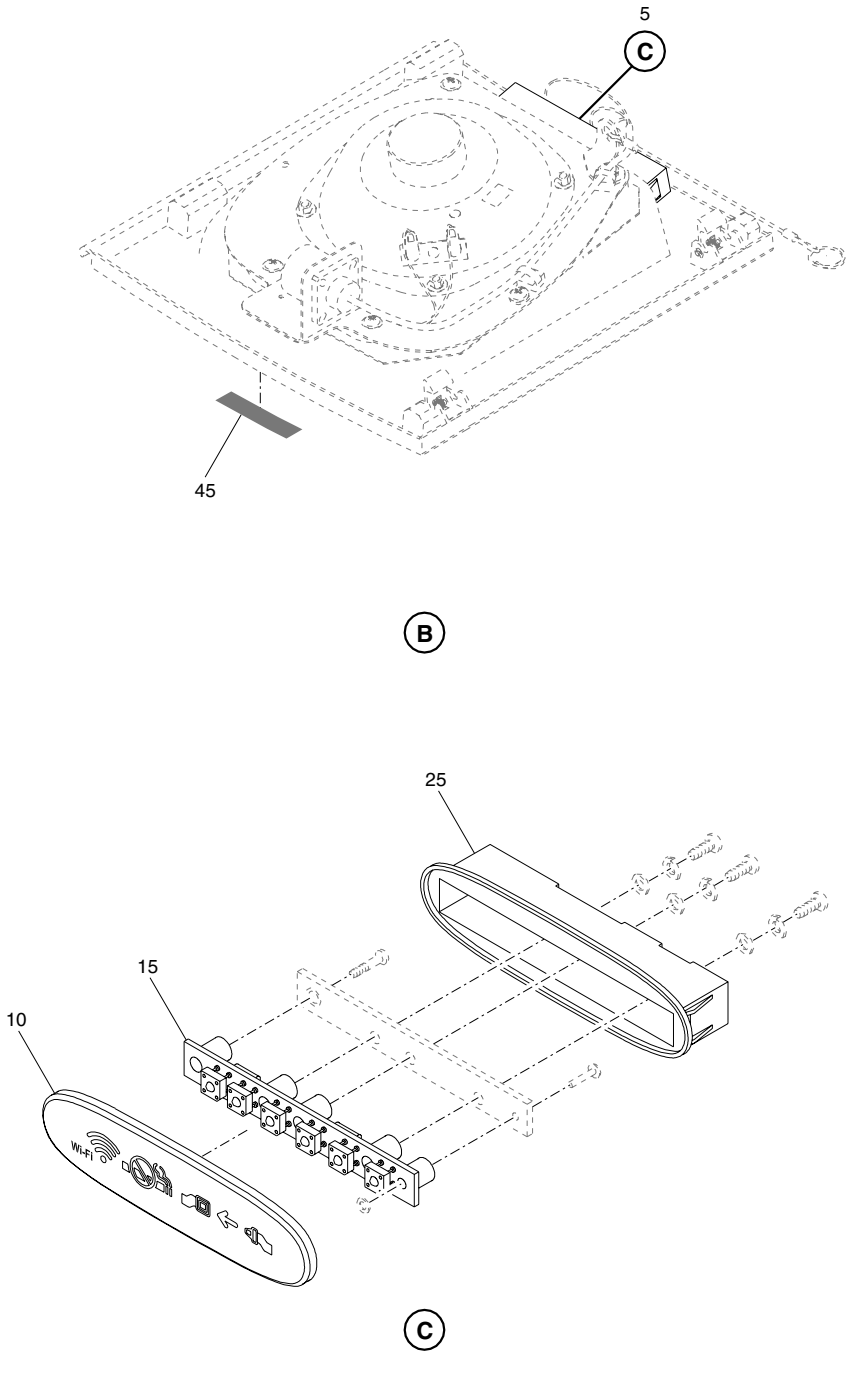
Passenger Service Unit Installation
Figure 1G/GRAPHIC 25-28-48-99b-008-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1G – 1	H417001-101		PSU INSTL		RF
5	6441120-501		. SIGN ASSY, WI-FI/NS/FSB		42
10	CDPL603-5H41700		. PLACARD (BONDED) (TRUE PN CDPL603-5-H417001-101)		42

– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
(Sheet 1 of 2)
Figure 1H/GRAPHIC 25-28-48-99b-009-A01

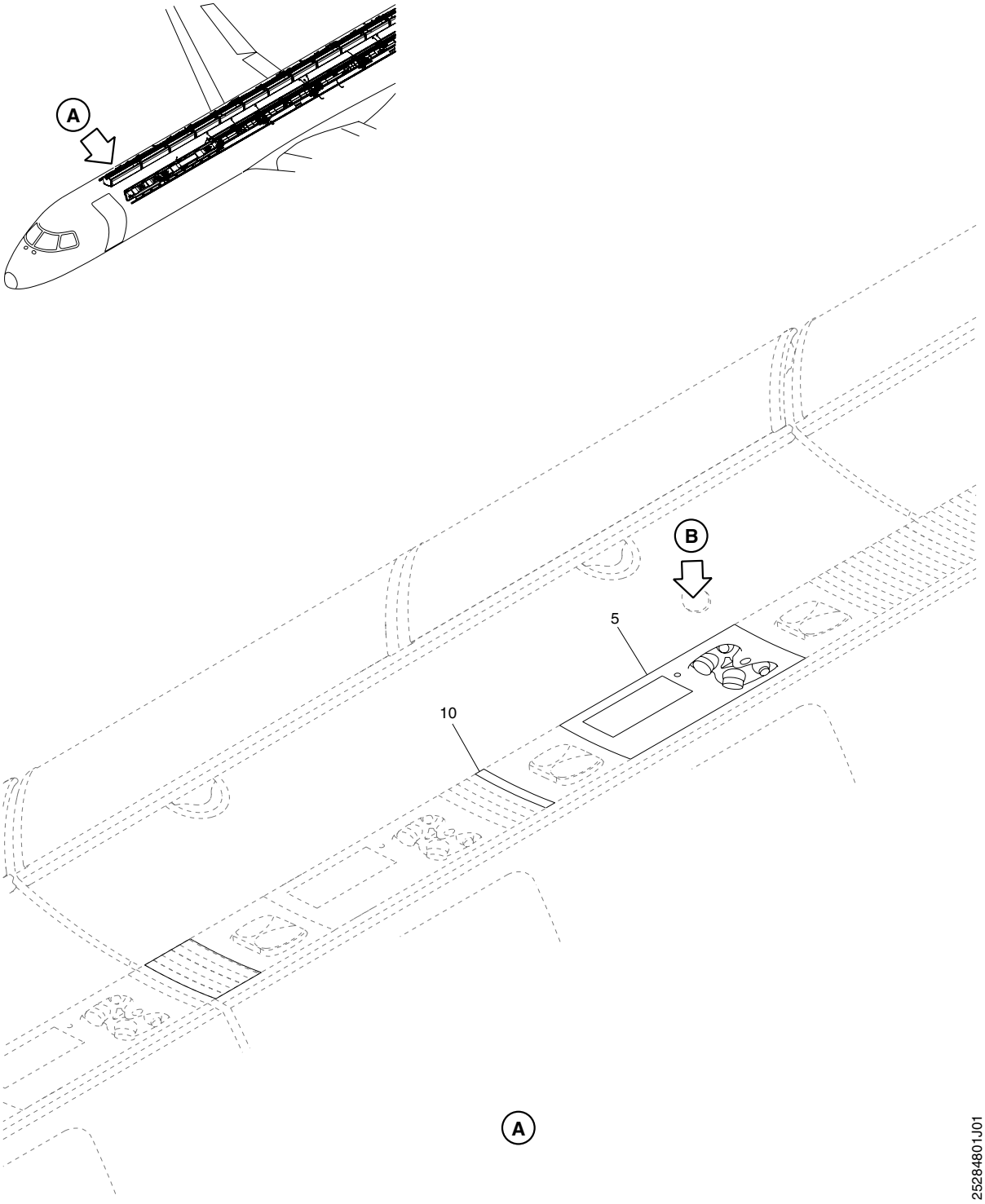


Passenger Service Unit Installation
(Sheet 2 of 2)
Figure 1H/GRAPHIC 25-28-48-99b-009-A01

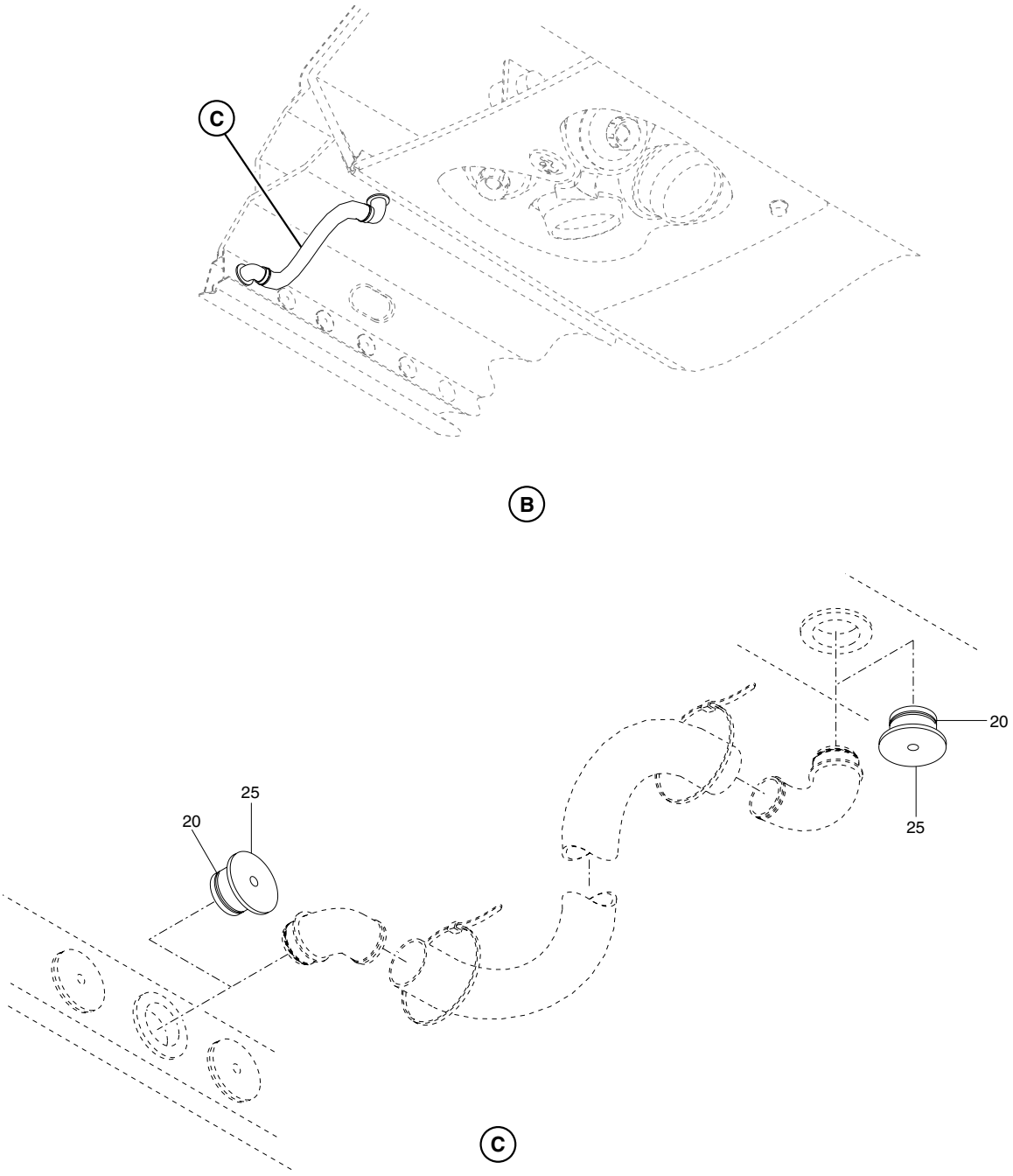
This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1H – 1	H517001-101		PSU INSTL		RF
5	6441120-501		. SIGN ASSY, WI-FI/NS/FSB		38
10	6441121-1		. . LENS (BONDED)		1
15	6441112-503		. . PCB ASSY		1
– 20	7271045-3		. . BUMPER (BONDED)		1
25	6441122-501		. . HOUSING ASSY		1
– 30	BVDSRED02SC		. SEALING CAP (V11139)		2
– 35	BVDSRED04SC		. SEALING CAP (V11139)		2
– 40	9452K71		. O-RING (V3A054)		36
45	CDPL603-5H51700		. PLACARD, MODIFICATION INCORPORATION (BONDED) (TRUE PN CDPL603-5-H517001-101)		38
50	9326110-104		. PSU ASSY, RH SEE FIG. 1A FOR DET		1
55	C678202-111		. PANEL ASSY, FILLER 5" SEE FIG. 6 FOR DET		4
60	C678202-113		. PANEL ASSY, FILLER 7" SEE FIG. 6 FOR DET		2
65	C678202-115		. PANEL ASSY, FILLER 8" SEE FIG. 6 FOR DET		2
70	9326125-101		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 13 FOR DET		2
75	9326125-102		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 13 FOR DET		2

– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
(Sheet 1 of 2)
Figure 1J/GRAPHIC 25-28-48-99b-010-A01

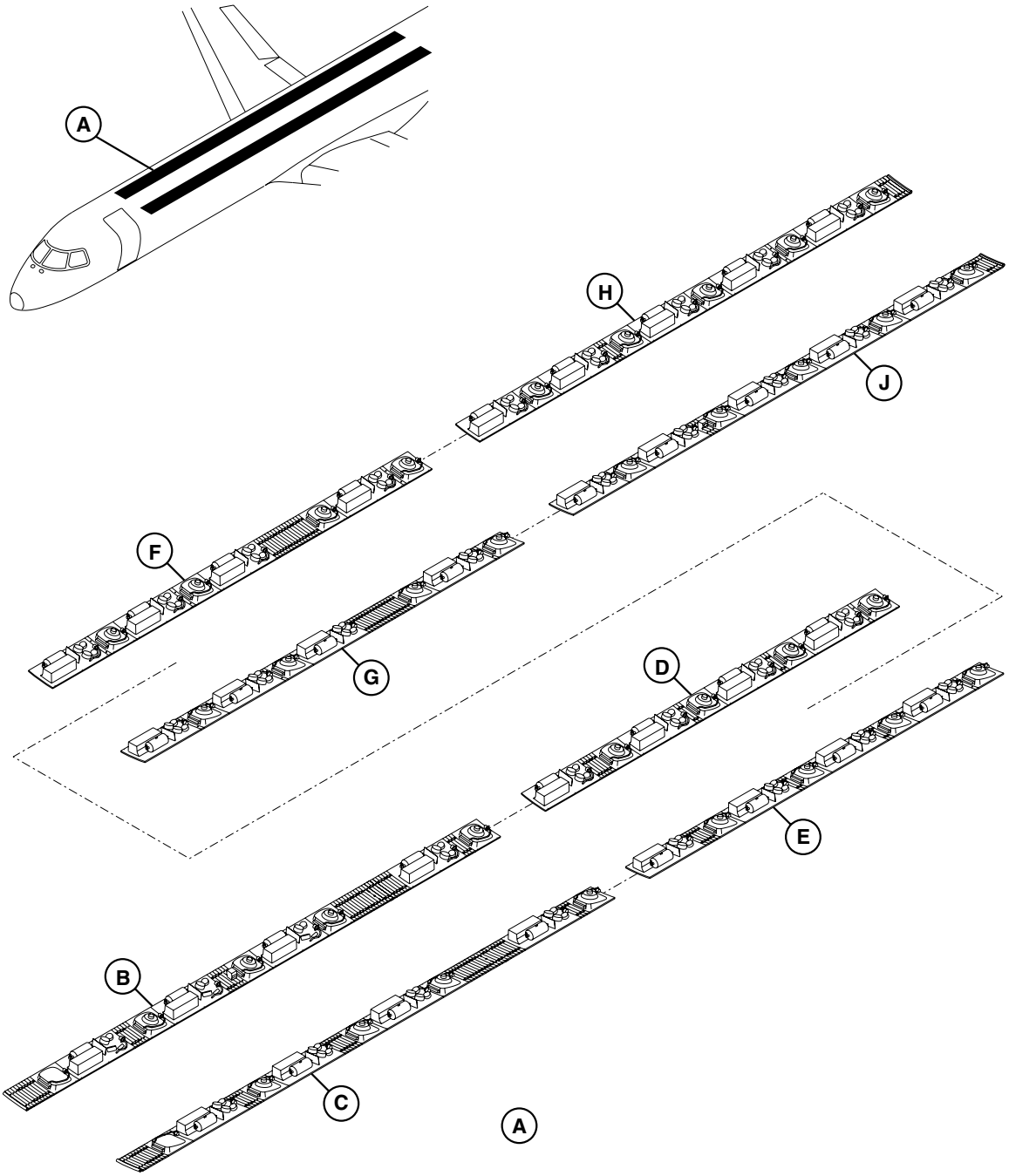


Passenger Service Unit Installation
(Sheet 2 of 2)
Figure 1J/GRAPHIC 25-28-48-99b-010-A01

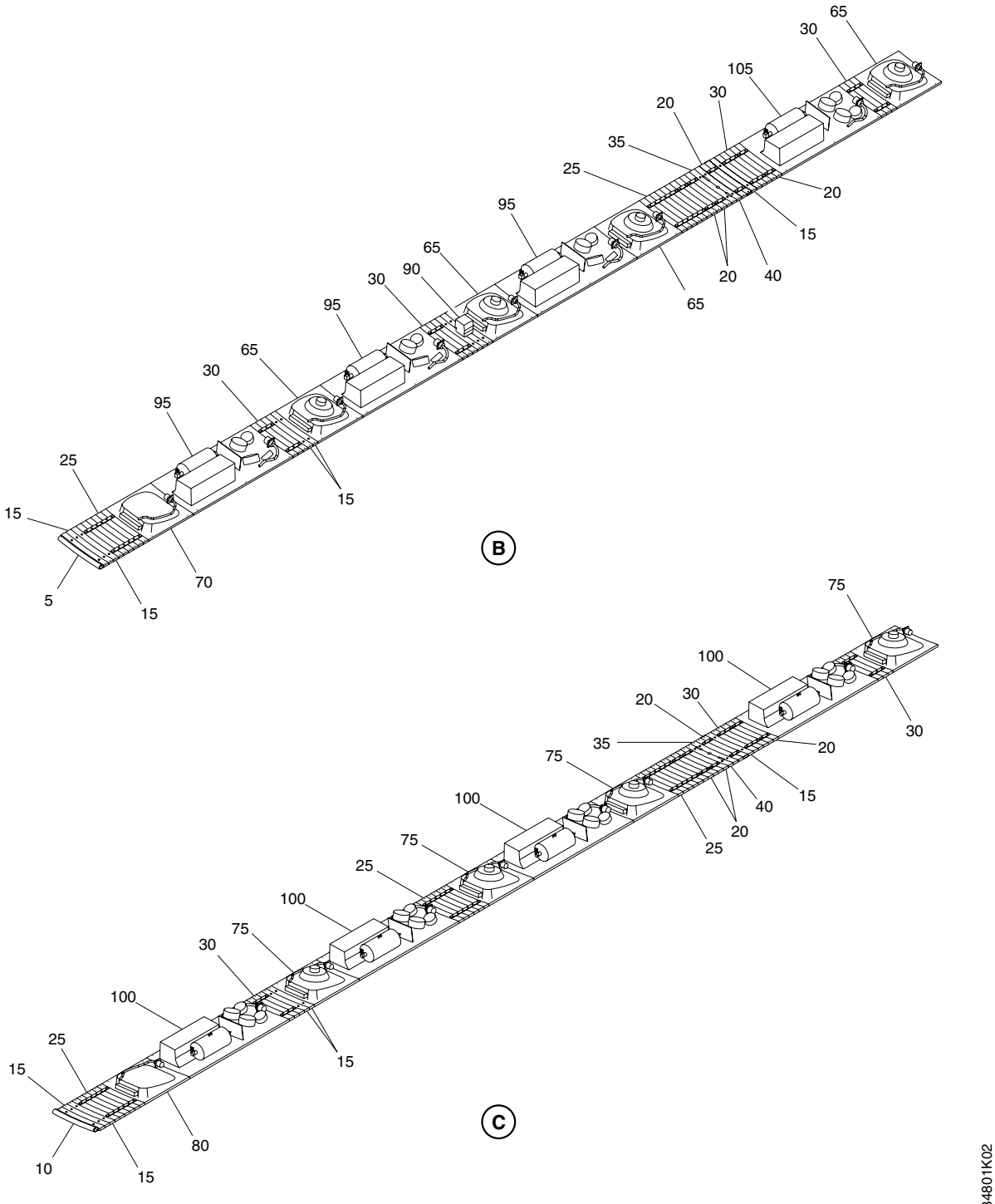
This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1J – 1	J064002-101		PSU INSTL		RF
5	9326110-104		. PSU ASSY, RH SEE FIG. 1A FOR DET		1
10	9326117-101		. PANEL ASSY, FILLER SEE FIG. 6 FOR DET		8
– 15	9326233-501		. PLUG ASSY		22
20	9452K71		. . O-RING (V3A054)		1
25	9326233-1		. . PLUG		1
– 30	9452K71		. O-RING (V3A054)		40
– 35	CDSP5307-100-10		. FOAM (BONDED) (TRUE PN CDSP5307-100-100-054)		AR

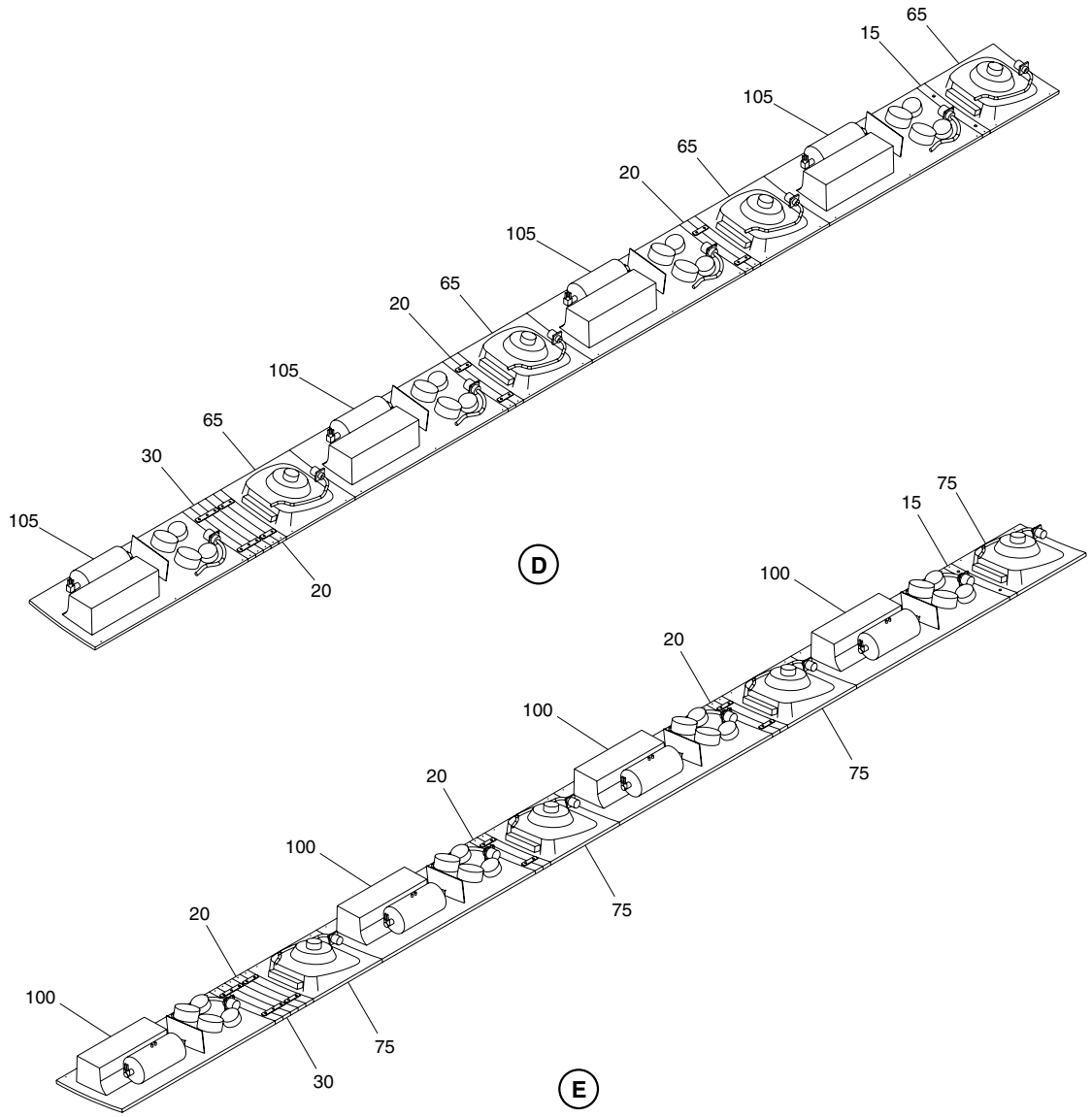
– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
(Sheet 1 of 5)
Figure 1K/GRAPHIC 25-28-48-99B-037-A01

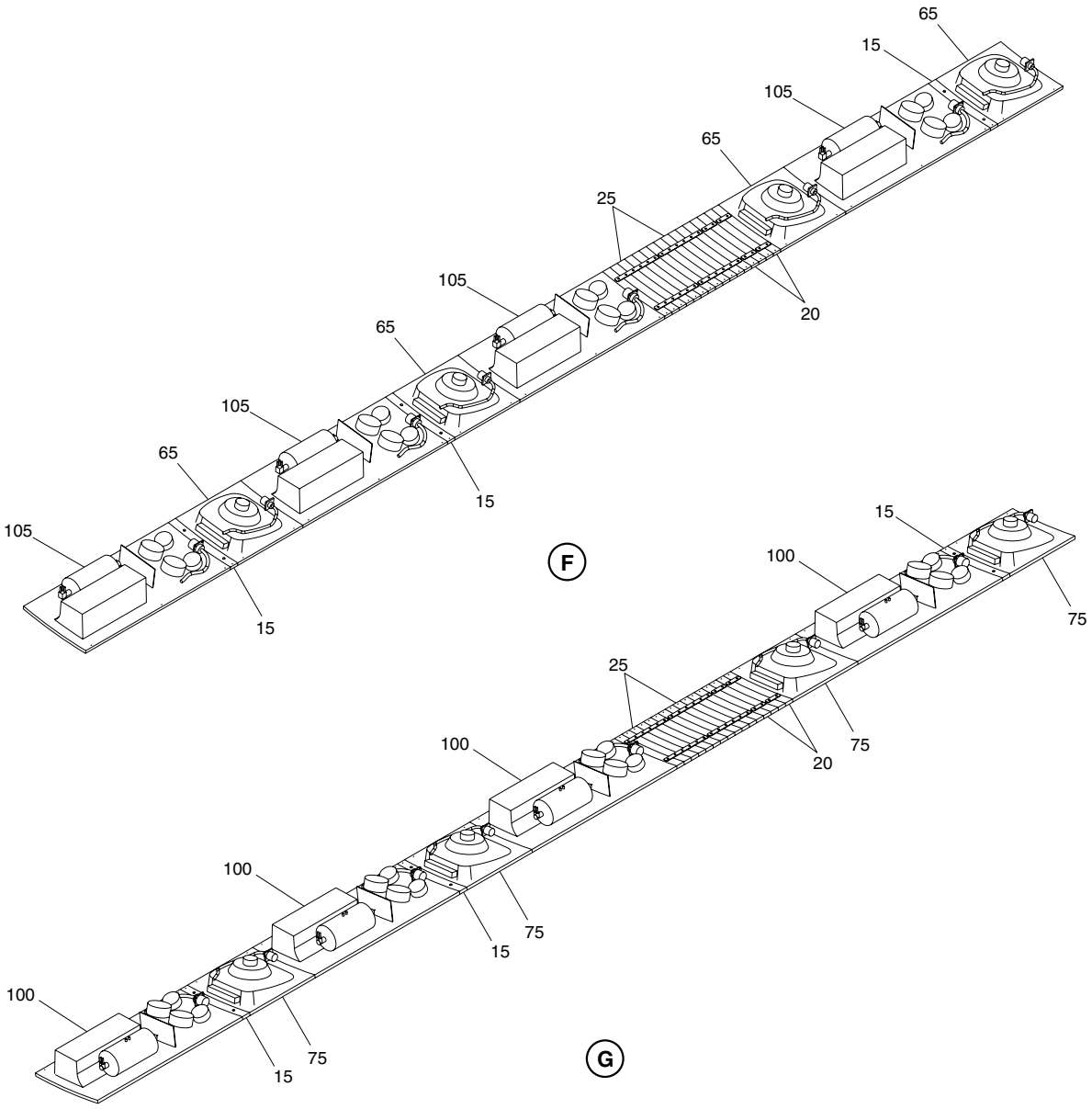


Passenger Service Unit Installation
(Sheet 2 of 5)
Figure 1K/GRAPHIC 25-28-48-99B-037-A01

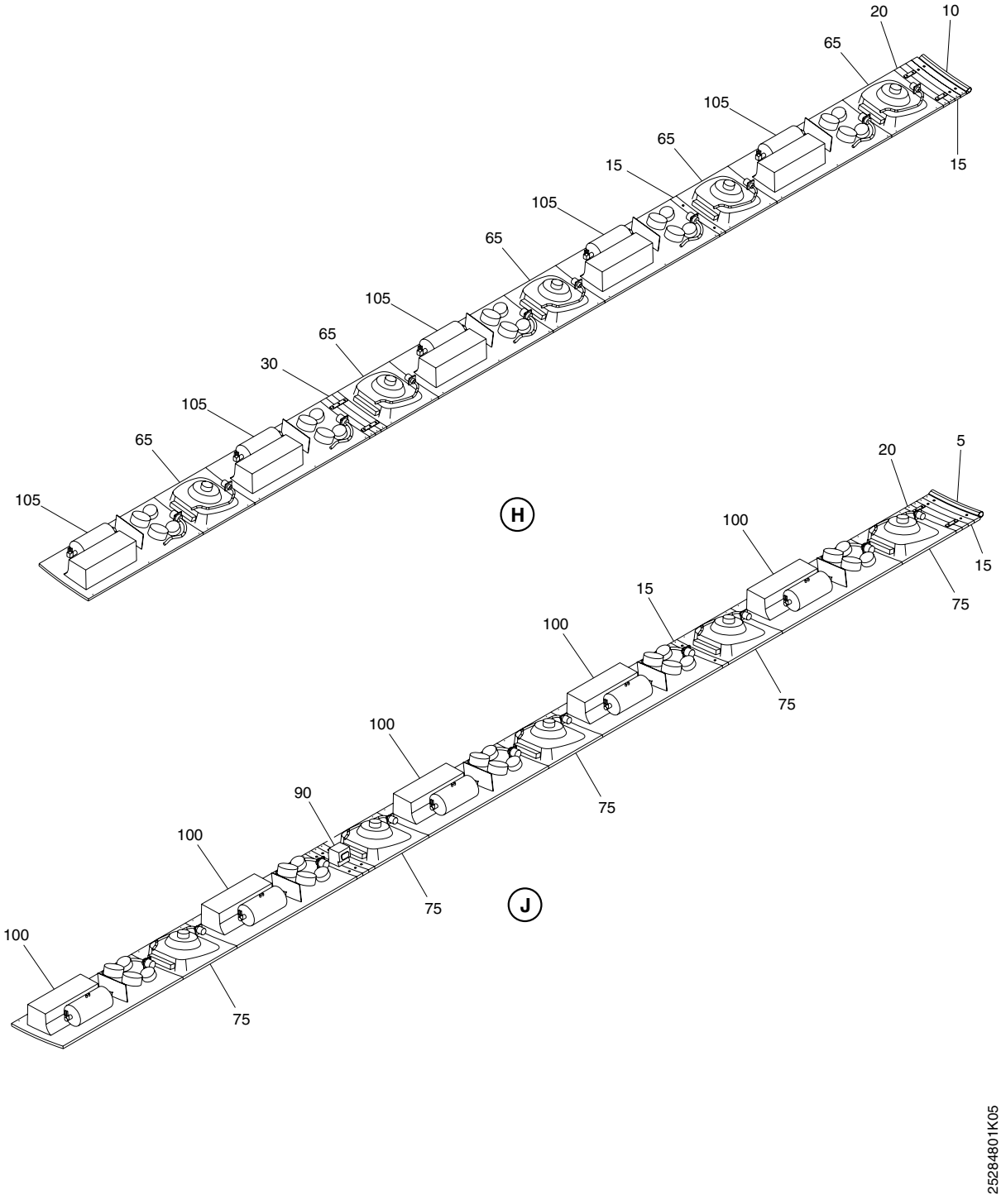


25284801K03

Passenger Service Unit Installation
(Sheet 3 of 5)
Figure 1K/GRAPHIC 25-28-48-99B-037-A01



Passenger Service Unit Installation
(Sheet 4 of 5)
Figure 1K/GRAPHIC 25-28-48-99B-037-A01



Passenger Service Unit Installation
(Sheet 5 of 5)
Figure 1K/GRAPHIC 25-28-48-99B-037-A01

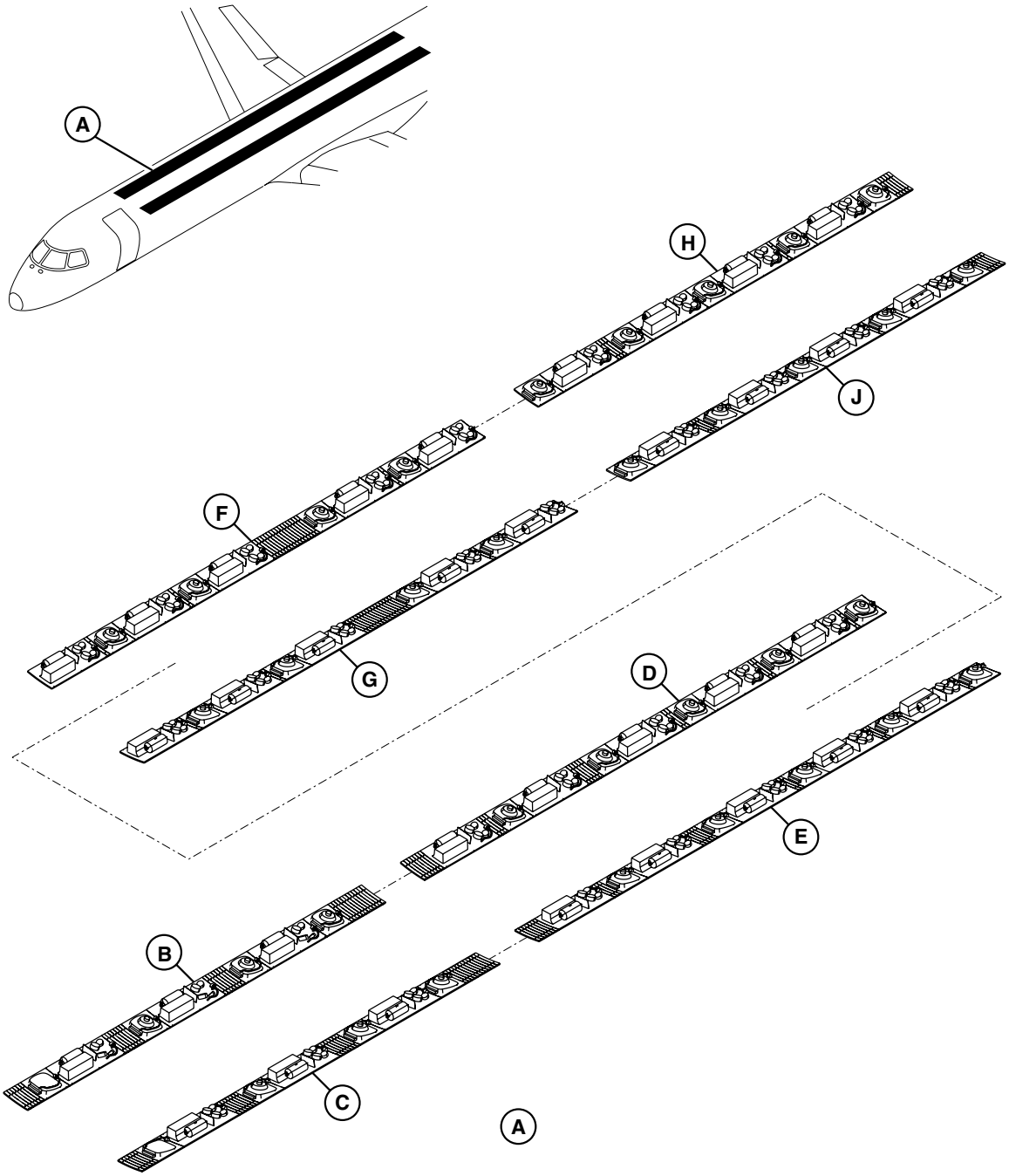
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1K – 1	J708001-101		PSU INSTL		RF
5	3868104-111		. FILLER PANEL ASSY SEE FIG. 6A FOR DET		2
10	3868104-112		. FILLER PANEL ASSY SEE FIG. 6A FOR DET		2
15	9326117-101		. PANEL ASSY, FILLER SEE FIG. 6 FOR DET		22
20	9326117-103		. PANEL ASSY, FILLER SEE FIG. 6B FOR DET		20
25	9326117-107		. PANEL ASSY, FILLER SEE FIG. 6C FOR DET		9
30	9326117-105		. PANEL ASSY, FILLER SEE FIG. 6B FOR DET		10
35	9326125-101		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 13 FOR DET		2
40	9326125-102		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 13 FOR DET		2
– 45	9452K71		. O-RING (V3A054)		40
– 50	9326233-501		. CONNECTOR ASSY, PLUG		22
– 55	9452K71		. . O-RING (V3A054)		1
– 60	9326233-1		. . PLUG		1
65	9326124-108		. PANEL ASSY, RH SPEAKER/NSFSB SEE FIG. 5F FOR DET		17
70	9326124-110		. PANEL ASSY, RH SPEAKER/NSFSB SEE FIG. 5F FOR DET		1
75	9326124-107		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG. 5F FOR DET		17
80	9326124-109		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG. 5F FOR DET		1

– ITEM NOT ILLUSTRATED

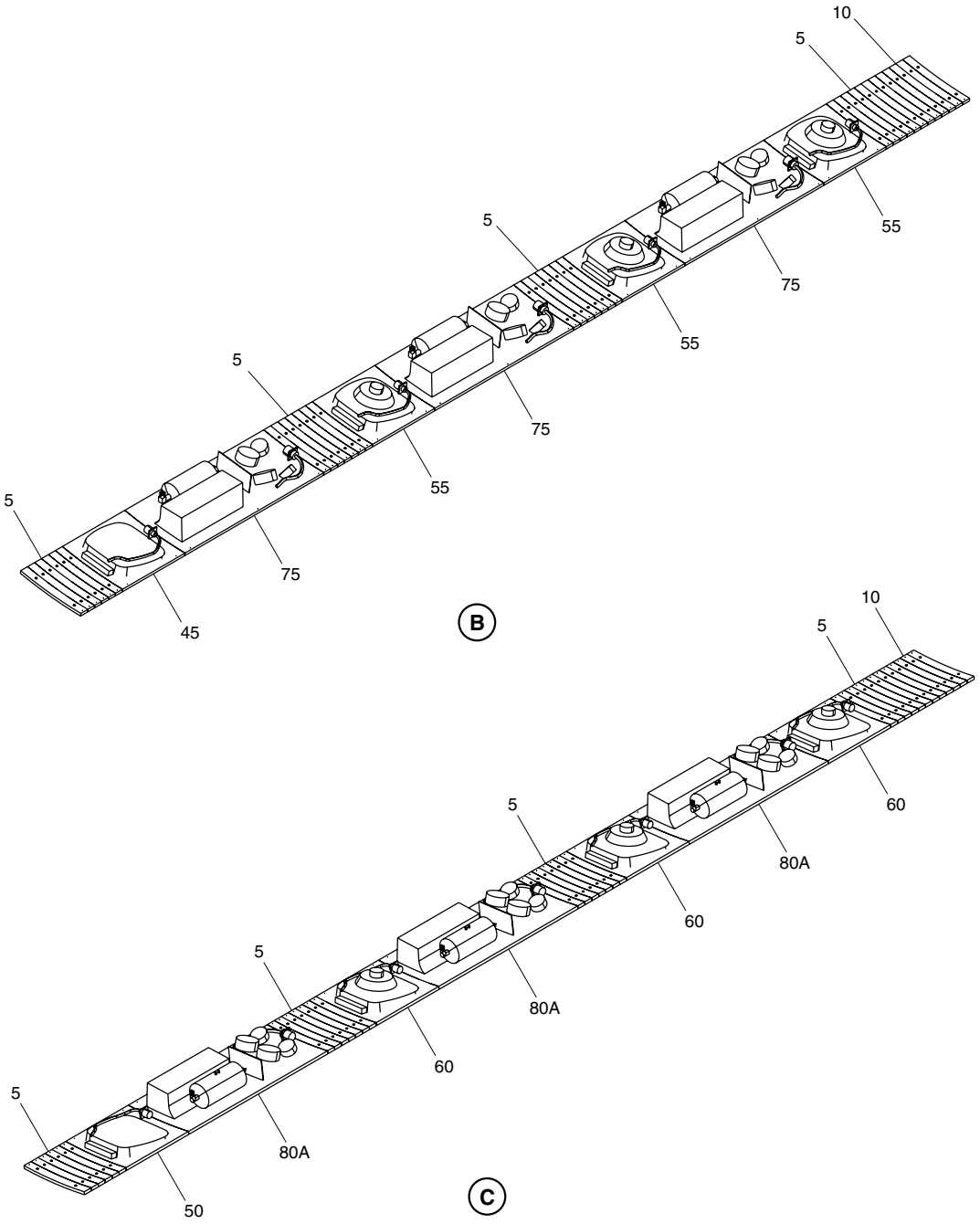
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1K – 85	9326234-507		. CLAMP ASSY, FWD LOAD SEE FIG. 10 FOR DET		6
90	9326123-101		. PANEL ASSY, TEMPERATURE SENSOR SEE FIG. 12 FOR DET		2
95	9326128-102		. PSU ASSY, RH SEE FIG. 1D FOR DET		3
100	9326127-103		. PSU ASSY, LH SEE FIG. 1D FOR DET		17
105	9326127-102		. PSU ASSY, RH SEE FIG. 1D FOR DET		14

– ITEM NOT ILLUSTRATED

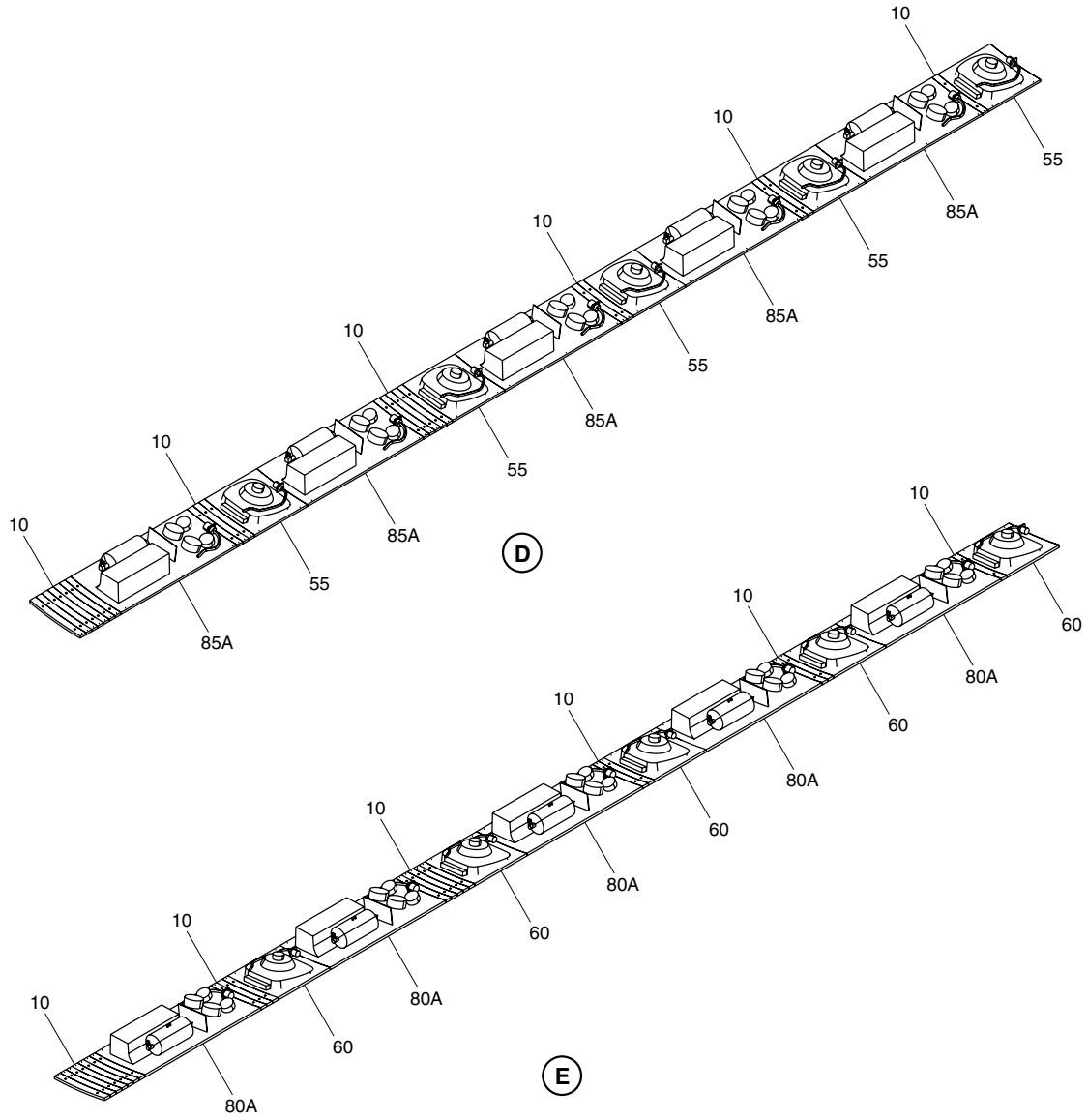
This page intentionally left blank.



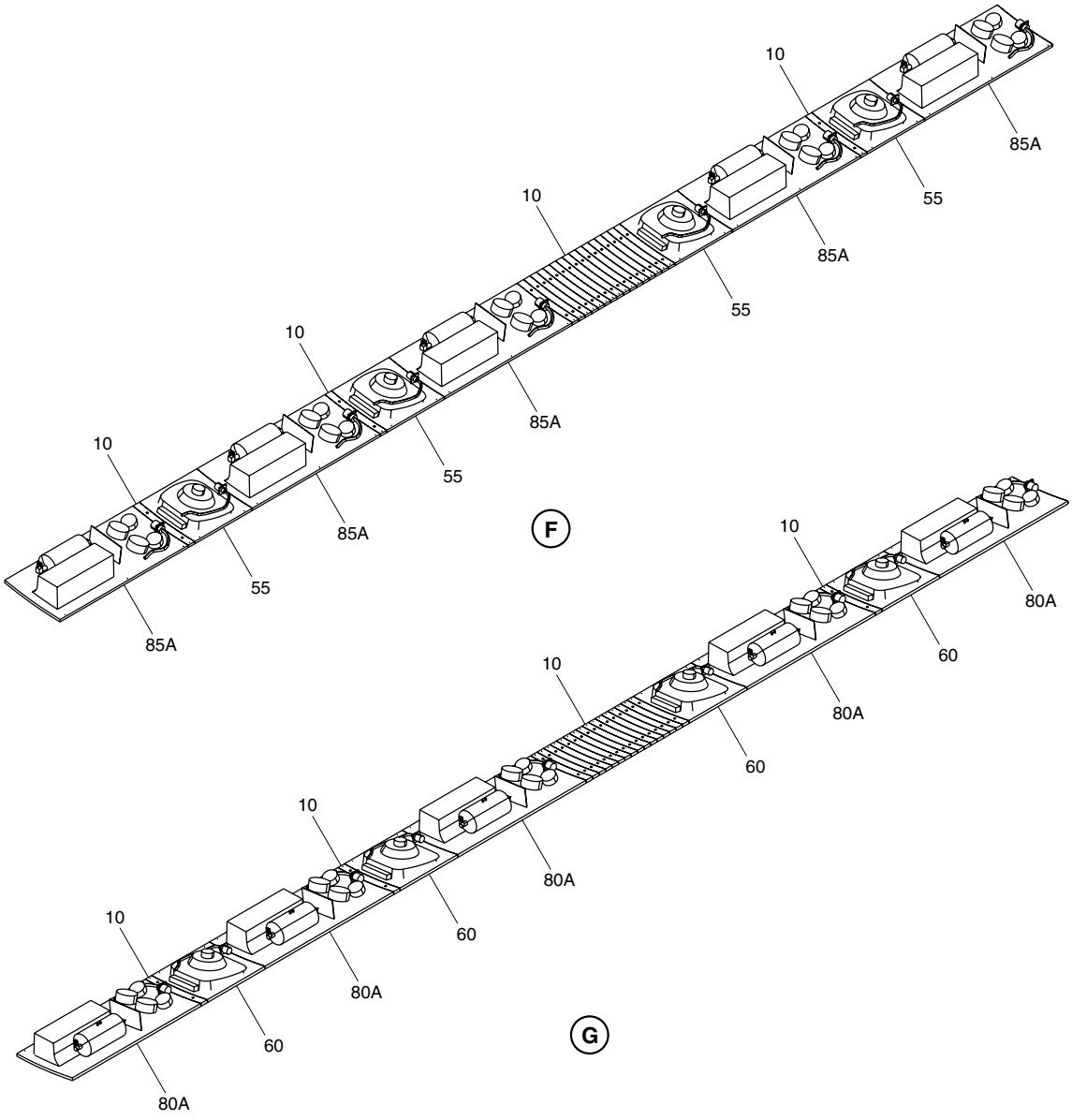
Passenger Service Unit Installation
(Sheet 1 of 5)
Figure 1L/GRAPHIC 25-28-48-99B-038-A01



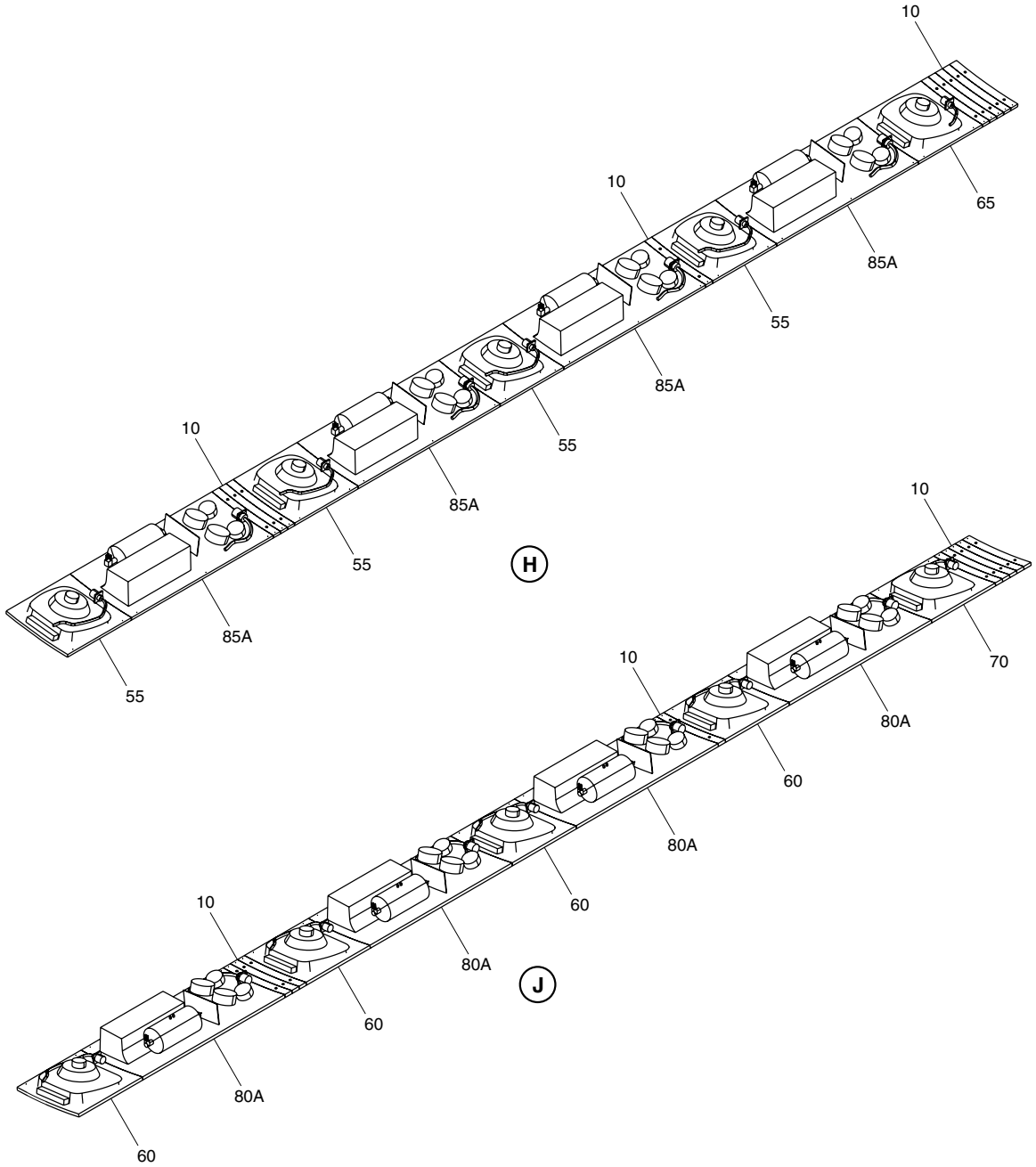
Passenger Service Unit Installation
(Sheet 2 of 5)
Figure 1L/GRAPHIC 25-28-48-99B-038-A01



Passenger Service Unit Installation
(Sheet 3 of 5)
Figure 1L/GRAPHIC 25-28-48-99B-038-A01



Passenger Service Unit Installation
(Sheet 4 of 5)
Figure 1L/GRAPHIC 25-28-48-99B-038-A01



Passenger Service Unit Installation
(Sheet 5 of 5)
Figure 1L/GRAPHIC 25-28-48-99B-038-A01

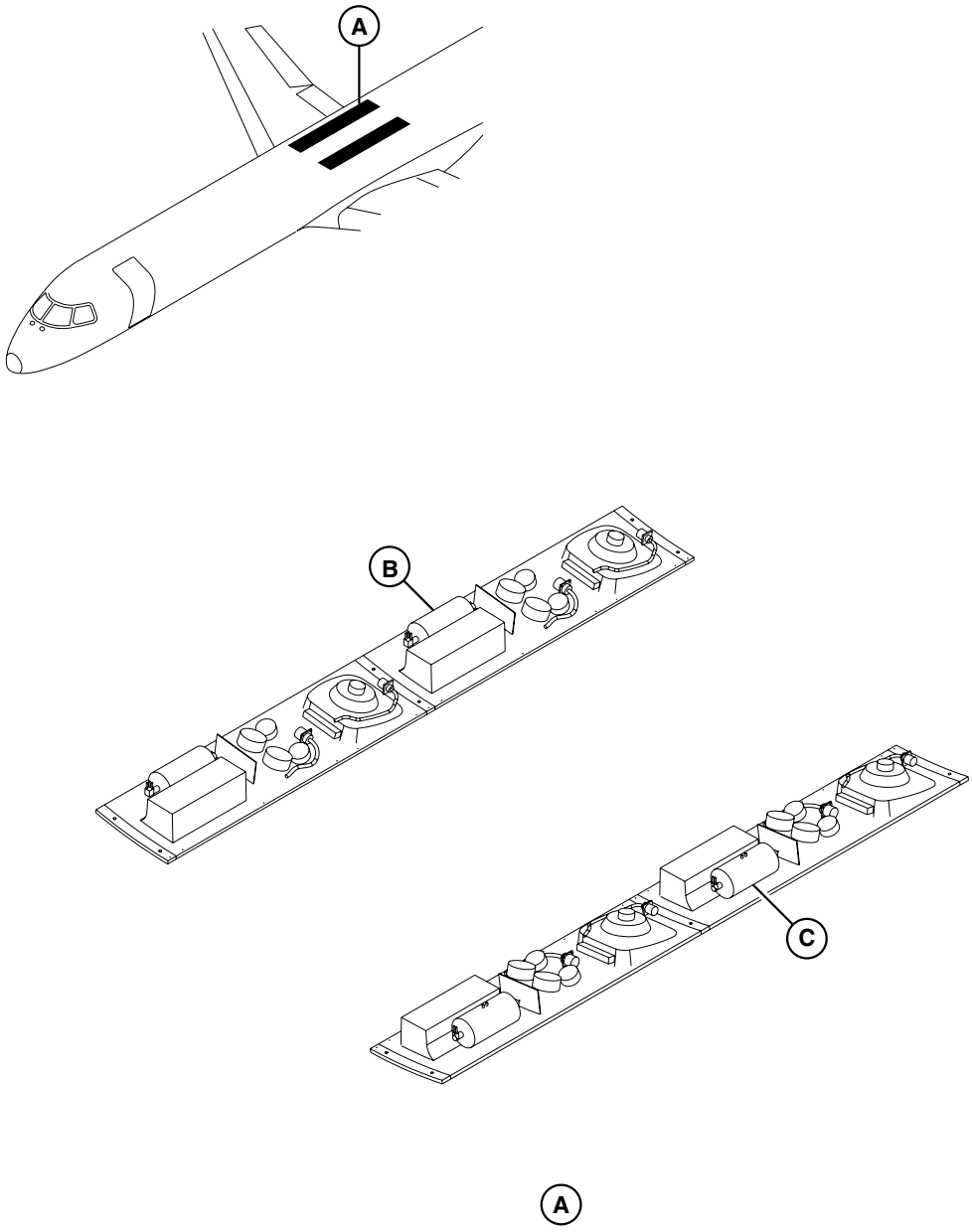
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1L – 1	J744001-101		PSU INSTL	A	RF
– 1A	J744001-103		PSU INSTL SUPSD BY -1B	B	RF
– 1B	J744001-105		PSU INSTL SUPSDS -1A	C	RF
5	9326117-101		. PANEL ASSY, FILLER SEE FIG.6 FOR DET		56
10	9326103-101		. PANEL ASSY, FILLER SEE FIG.6 FOR DET		104
– 15	9452K71		. O-RING (V3A054)		40
– 20	9326233-501		. CONNECTOR ASSY, PLUG	A	2
– 20A	9326233-501		. CONNECTOR ASSY, PLUG	B	2
– 20B	9326233-501		. CONNECTOR ASSY, PLUG	C	2
– 25	9452K71		. . O-RING (V3A054)		1
– 30	9326233-1		. . PLUG		1
– 35	9326234-501		. CLAMP ASSY, FWD LOAD SEE FIG.10 FOR DET		6
– 40	9326235-503		. AIR HOSE ASSY SEE FIG.9 FOR DET	A, C	40
– 40A	9326235-503		. AIR HOSE ASSY SEE FIG.9 FOR DET	B	40
45	9326101-104		. PANEL ASSY, RH SPEAKER/NS/FSB SEE FIG. 5A FOR DET		1
50	9326101-103		. PANEL ASSY, LH SPEAKER/NS/FSB SEE FIG. 5A FOR DET		1
55	9326101-102		. PANEL ASSY, RH SPEAKER/NS/FSB SEE FIG. 5 FOR DET		16
60	9326101-101		. PANEL ASSY, LH SPEAKER/NS/FSB SEE FIG. 5 FOR DET		16

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1L 65	9326101-106		. PANEL ASSY, RH SPEAKER/NS/FSB SEE FIG. 5B FOR DET		1
70	9326101-105		. PANEL ASSY, LH SPEAKER/NS/FSB SEE FIG. 5B FOR DET		1
75	9326110-104		. PSU ASSY, RH SEE FIG.1A FOR DET		3
– 80	9326107-101		. PSU ASSY, LH SEE FIG.1 FOR DET	A	17
80A	9326107-107		. PSU ASSY, LH SEE FIG.1 FOR DET	B, C	17
– 85	9326107-102		. PSU ASSY, RH SEE FIG.1 FOR DET	A	14
85A	9326107-108		. PSU ASSY, RH SEE FIG.1 FOR DET	B, C	14
– 90	FR3001100		. FOAM (BONDED) (TRUE PN FR3001/100)		AR
– 90A	CDSP5307-100-10		. FOAM (BONDED) (TRUE PN CDSP5307-100-100-060) SUPSDS -90		AR

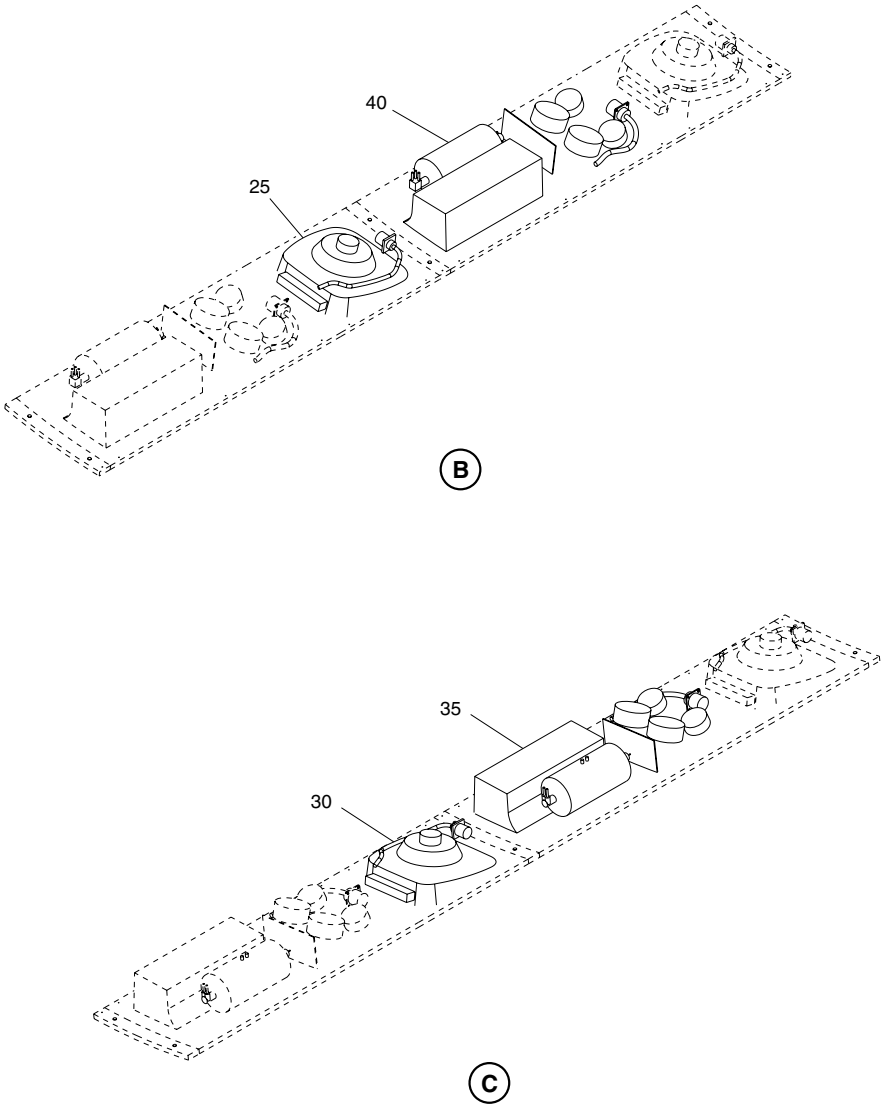
– ITEM NOT ILLUSTRATED

This page intentionally left blank.



25284801M01

Passenger Service Unit Installation
(Sheet 1 of 2)
Figure 1M/GRAPHIC 25-28-48-99B-039-A01



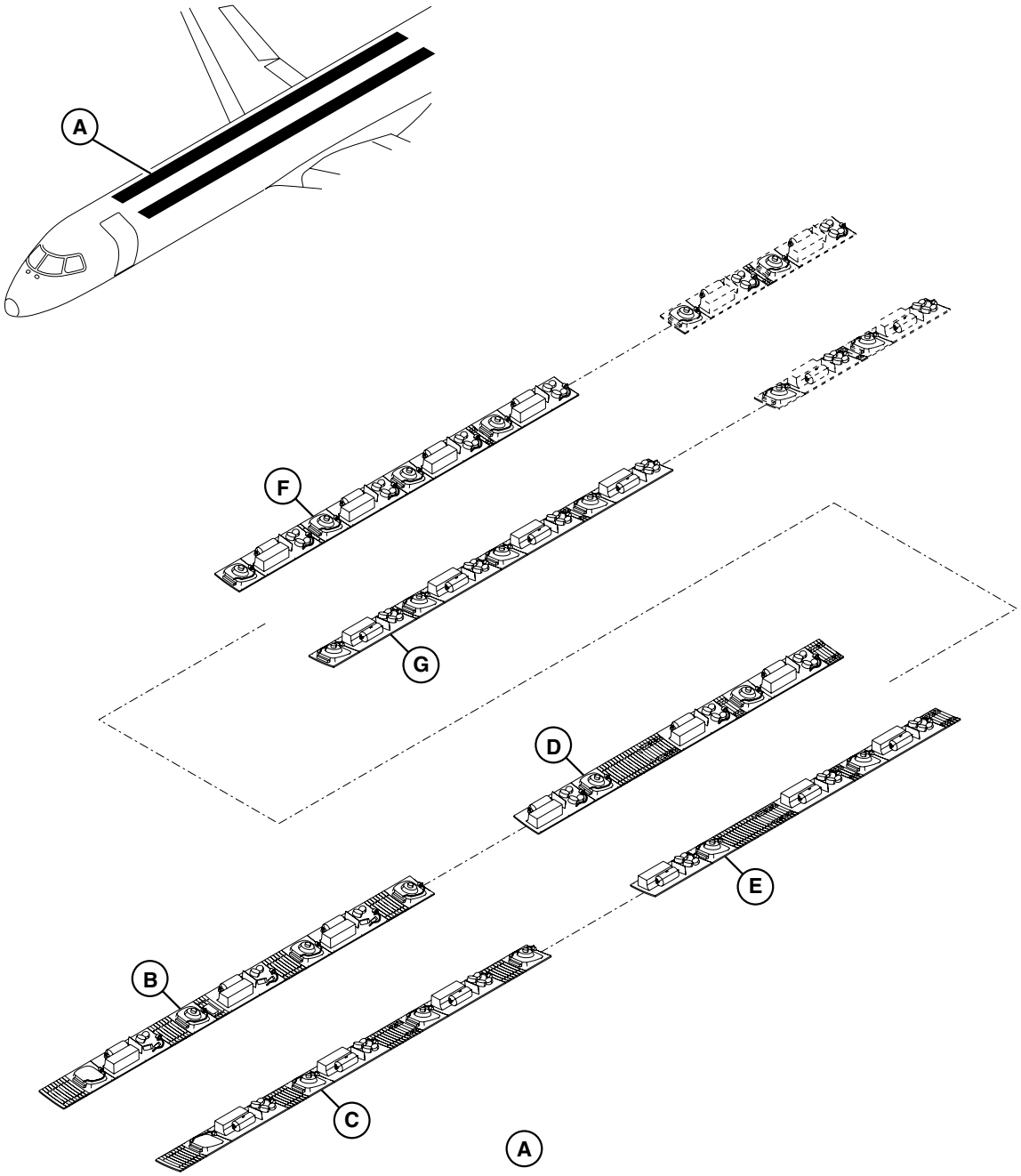
25284801M02

Passenger Service Unit Installation
(Sheet 2 of 2)
Figure 1M/GRAPHIC 25-28-48-99B-039-A01

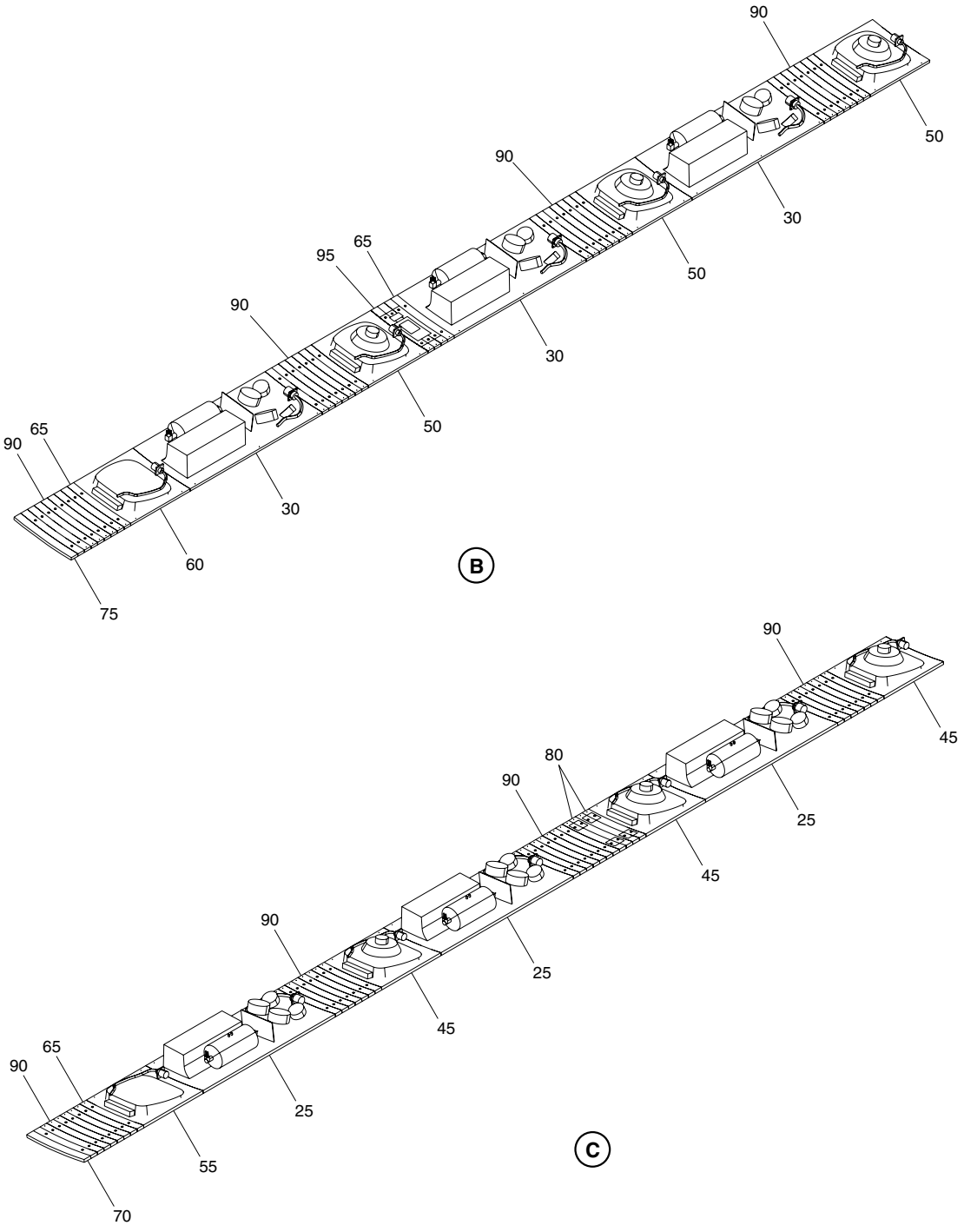
This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1M – 1	K044002-101		PSU INSTL		RF
– 5	9452K71		. O-RING (V3A054)		42
– 10	9326233-501		. CONNECTOR ASSY, PLUG		8
– 15	9452K71		. . O-RING (V3A054)		1
– 20	9326233-1		. . PLUG		1
25	9326124-108		. PANEL ASSY, RH SPEAKER SEE FIG. 5F FOR DET		1
30	9326124-107		. PANEL ASSY, LH SPEAKER SEE FIG. 5F FOR DET		1
35	9326127-101		. PSU ASSY, LH SEE FIG. 1D FOR DET		1
40	9326127-102		. PSU ASSY, RH SEE FIG. 1D FOR DET		1

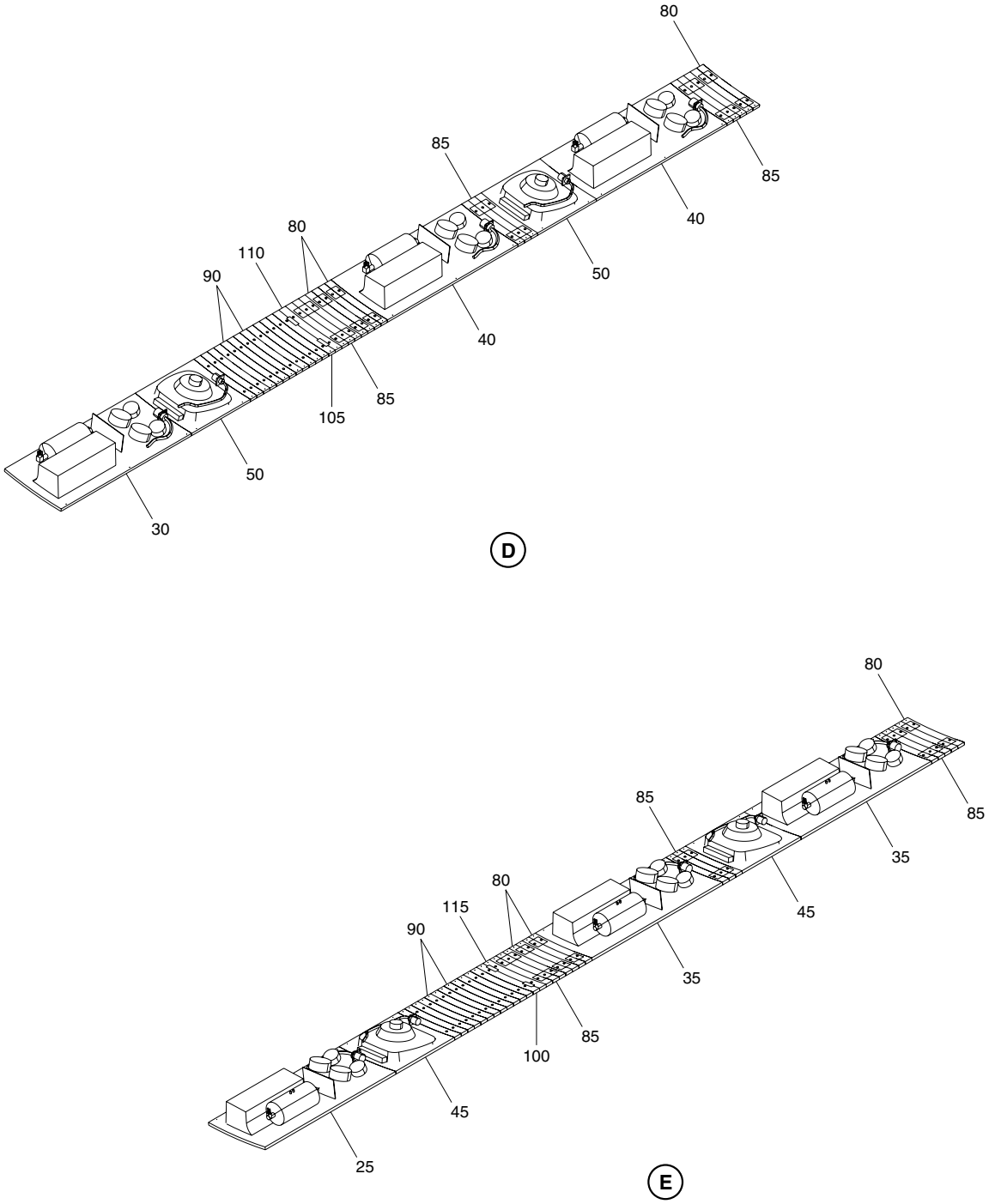
– ITEM NOT ILLUSTRATED



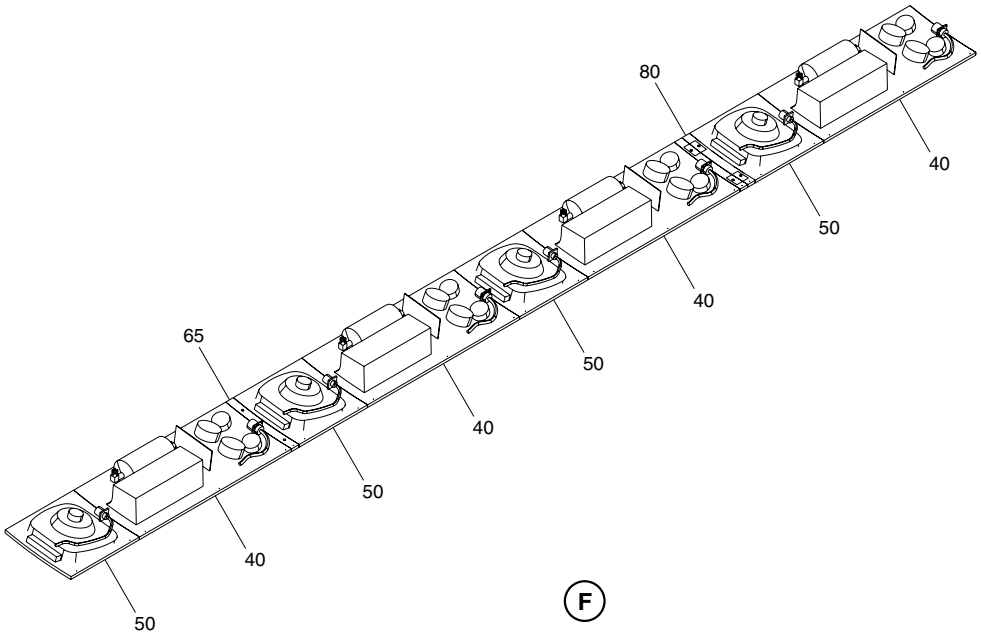
Passenger Service Unit Installation
(Sheet 1 of 4)
Figure 1N/GRAPHIC 25-28-48-99B-040-A01

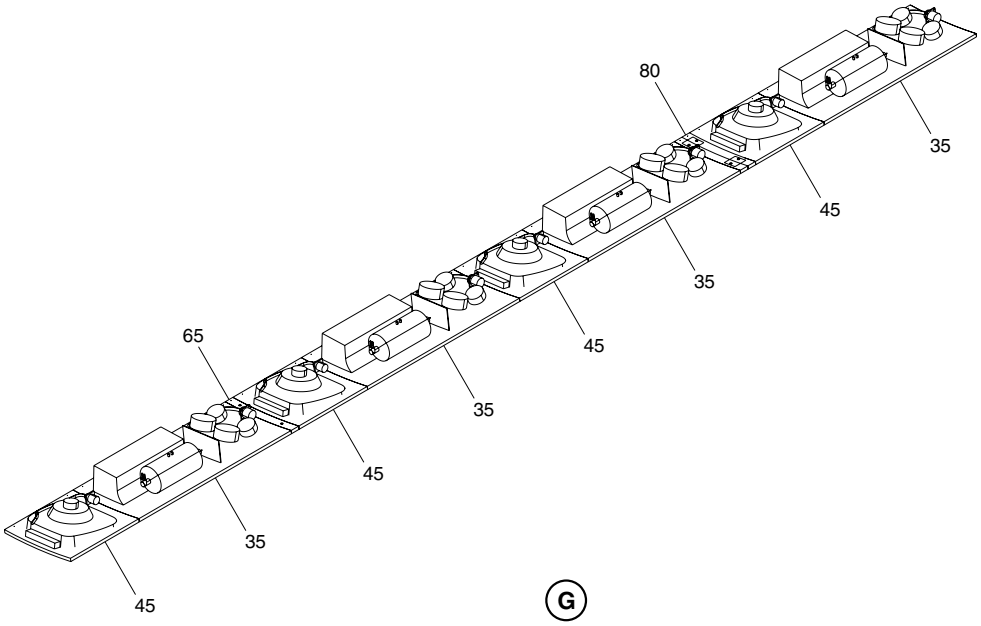


Passenger Service Unit Installation
(Sheet 2 of 4)
Figure 1N/GRAPHIC 25-28-48-99B-040-A01



Passenger Service Unit Installation
(Sheet 3 of 4)
Figure 1N/GRAPHIC 25-28-48-99B-040-A01





25284801N04

Passenger Service Unit Installation
(Sheet 4 of 4)
Figure 1N/GRAPHIC 25-28-48-99B-040-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1N – 1	K044002-103		PSU INSTL		RF
– 5	9452K71		. O-RING (V3A054)		22
– 10	9326233-501		. PLUG ASSY		2
– 15	9452K71		. . O-RING (V3A054)		1
– 20	9326233-1		. . PLUG		1
25	H839103-101		. PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1D FOR DET		4
30	H839103-103		. PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1D FOR DET		4
35	H839105-101		. PSU ASSY, LH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1D FOR DET		6
40	H839105-102		. PSU ASSY, RH (OXY/LIGHT/GASPER) (3 MAN, 13 MINUTES) SEE FIG. 1D FOR DET		6
45	H839120-101		. PANEL ASSY, LH SPEAKER/ NSFSB SEE FIG. 14 FOR DET		9
50	H839120-102		. PANEL ASSY, RH SPEAKER/ NSFSB SEE FIG. 14 FOR DET		9
55	H839120-103		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG. 15 FOR DET		1
60	H839120-104		. PANEL ASSY, RH SPEAKER/NSFSB SEE FIG. 15 FOR DET		1
65	9326117-101		. PANEL ASSY, FILLER SEE FIG. 6 FOR DET		5
70	3868104-111		. PANEL ASSY, FILLER SEE FIG. 6A FOR DET		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1N 75	3868104-112		. PANEL ASSY, FILLER SEE FIG. 6A FOR DET		1
80	9326117-103		. PANEL ASSY, FILLER SEE FIG. 6B FOR DET		10
85	9326117-105		. PANEL ASSY, FILLER SEE FIG. 6B FOR DET		6
90	9326117-107		. PANEL ASSY, FILLER SEE FIG. 6C FOR DET		12
95	9326123-101		. PANEL ASSY, TEMPERATURE SENSOR SEE FIG. 12 FOR DET		1
100	H839107-101		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 16 FOR DET		1
105	H839107-102		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 16 FOR DET		1
110	H839107-103		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 16 FOR DET		1
115	H839107-104		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 16 FOR DET		1

– ITEM NOT ILLUSTRATED

This page intentionally left blank.

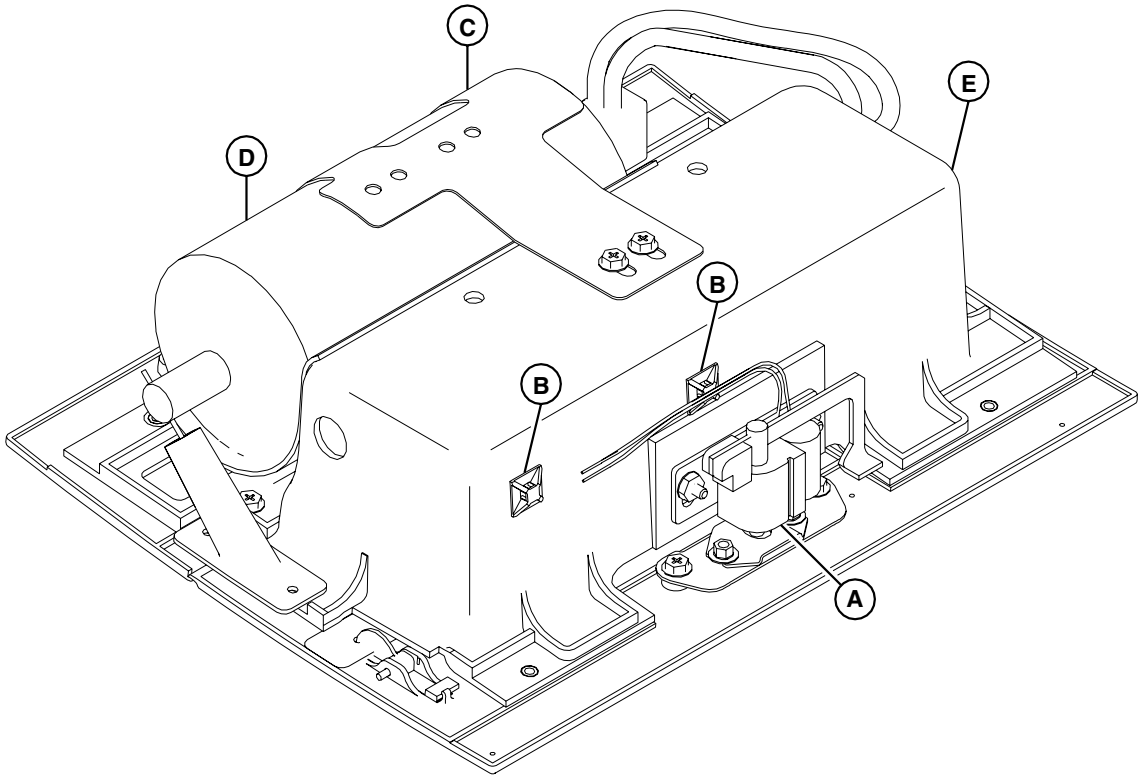
DELETED

2528480201

Wire Harness Assembly - Deleted
Figure 2/GRAPHIC 25-28-48-99b-011-A01

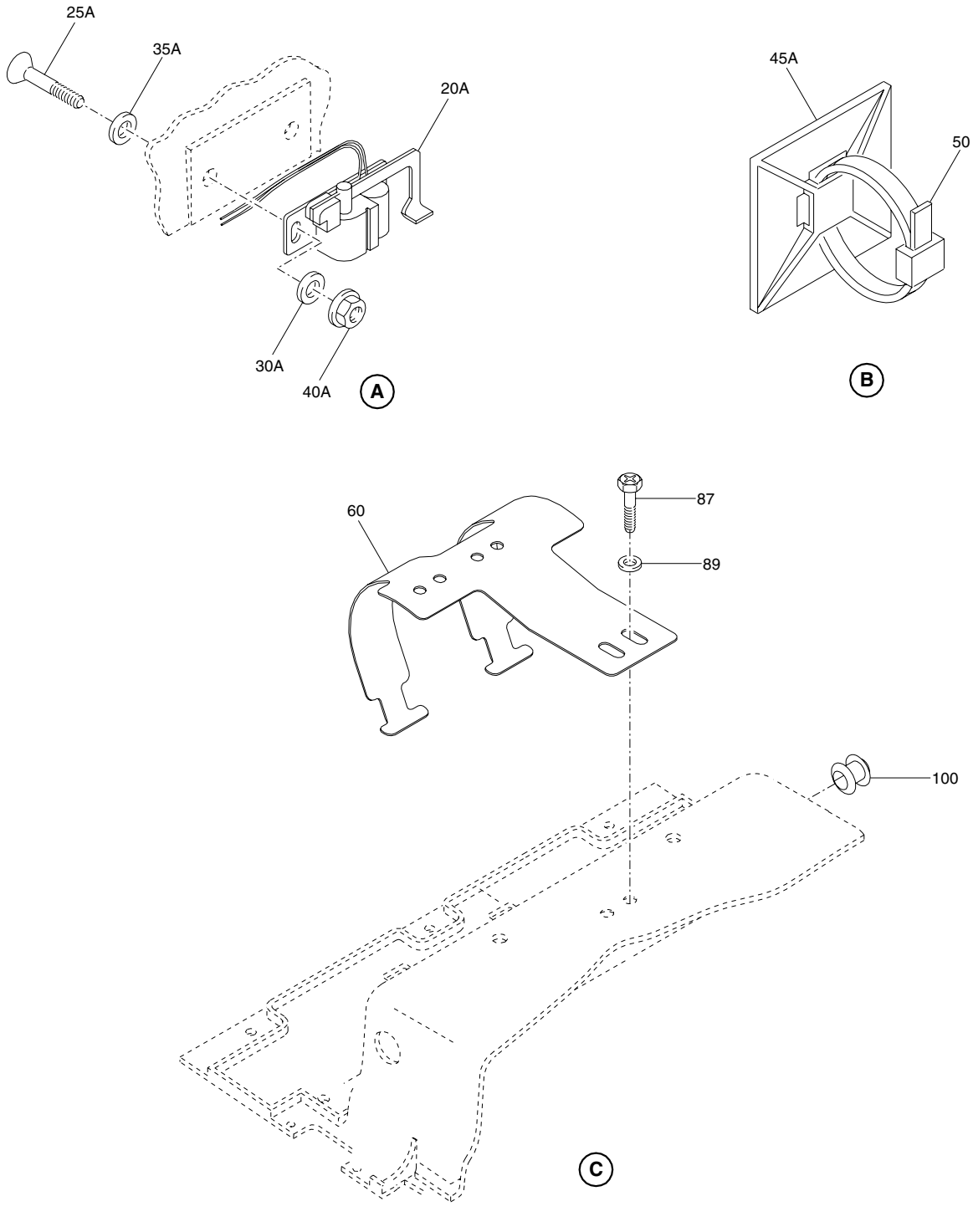
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2 – 1	9326730-501		DELETED		D
– 5	9326730-503		DELETED		D
– 10	BVD00E0412PN		. DELETED		D
– 15	MS3367-4-9		. DELETED		D
– 20	M81714-12-20D2		. DELETED		D
– 25	640903-1		. DELETED		D
– 30	640905-1		. DELETED		D
– 35	1-770849-2		. DELETED		D

– ITEM NOT ILLUSTRATED

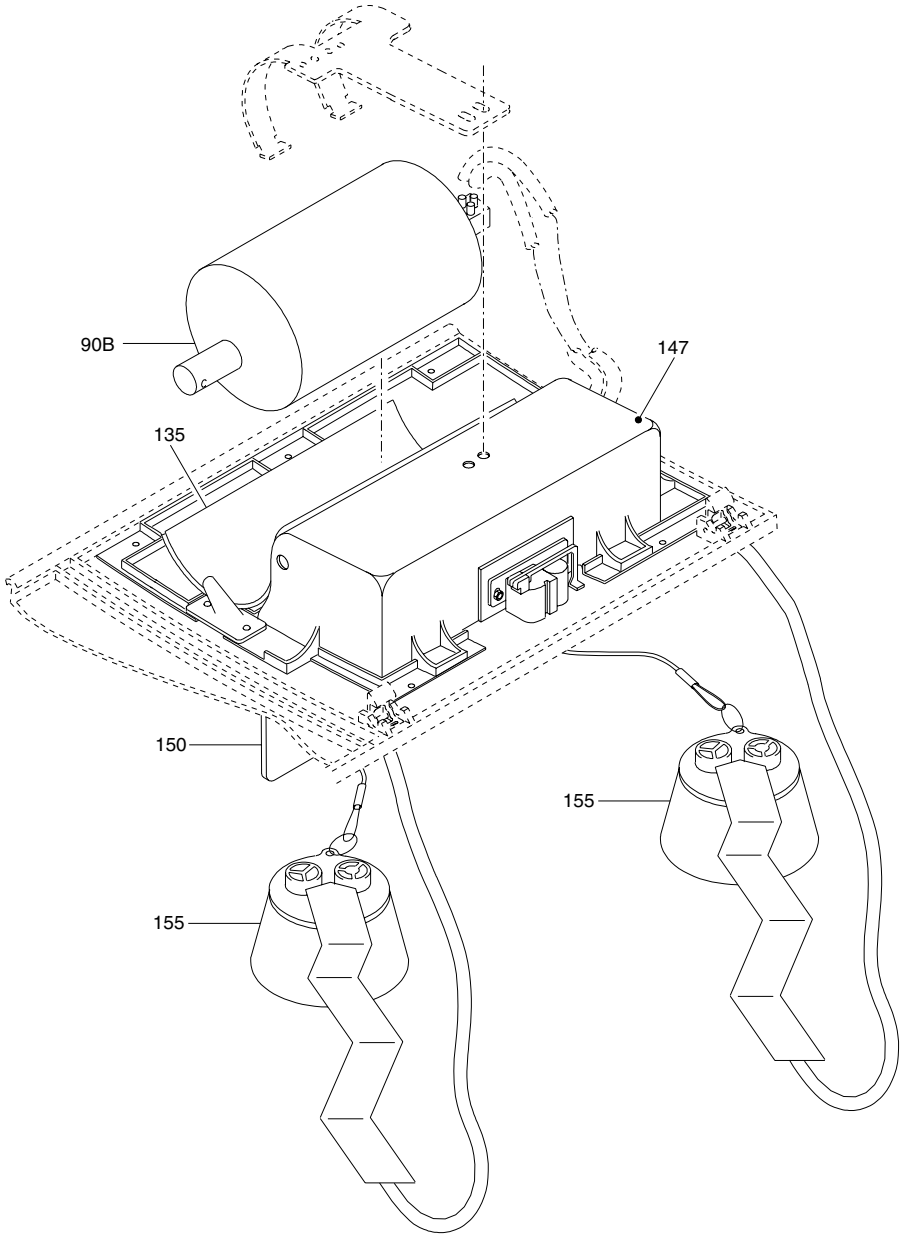


2528480301

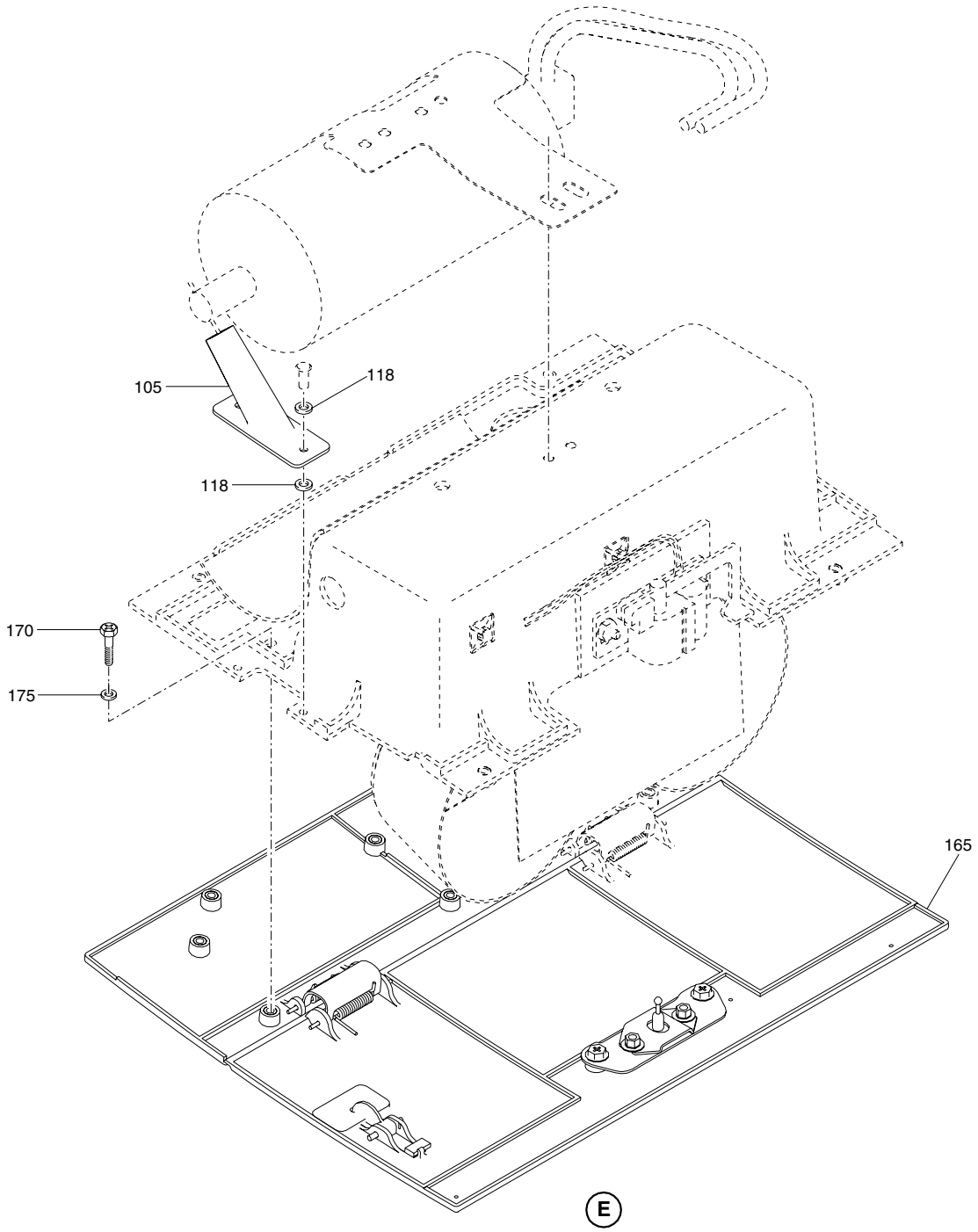
Oxygen Box Assembly
(Sheet 1 of 4)
Figure 3/GRAPHIC 25-28-48-99b-012-A01



Oxygen Box Assembly
(Sheet 2 of 4)
Figure 3/GRAPHIC 25-28-48-99b-012-A01



Oxygen Box Assembly
(Sheet 3 of 4)
Figure 3/GRAPHIC 25-28-48-99b-012-A01



Oxygen Box Assembly
(Sheet 4 of 4)
Figure 3/GRAPHIC 25-28-48-99b-012-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 1	9326105-501		OXYGEN BOX ASSY (2 MAN, 13 MINUTES) SEE FIG. 1 FOR NHA RPLD BY ITEM -1B	A	RF
– 1A	9326105-505		OXYGEN BOX ASSY (2 MAN, 22 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA RPLD BY ITEM -1C	B	RF
– 1B	3868105-501		OXYGEN BOX ASSY (2 MAN, 13 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1D FOR NHA RPLD BY ITEM -1D RPLS ITEM -1	C	RF
– 1C	3868105-505		OXYGEN BOX ASSY (2 MAN, 22 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1B FOR NHA SEE FIG. 1D FOR NHA RPLS ITEM -1A	D	RF
– 1D	3868106-501		OXYGEN BOX ASSY (2 MAN, 13 MINUTES) SEE FIG. 1D FOR NHA RPLS ITEM -1B	E	RF
– 1E	9326105-503		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 1 FOR NHA	F	RF
– 1F	9326105-507		OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1C FOR NHA	G	RF
– 10	9326105-503		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) (MOVED TO ITEM -1E) SEE FIG. 1 FOR NHA		D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 10A	9326105-507		OXYGEN BOX ASSY (3 MAN, 22 MINUTES) (MOVED TO ITEM -1F) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1C FOR NHA		D
– 20	89220-2		. LATCH, OXYGEN DOOR (V09790)	A-B, F,G	1
20A	CDSP4633-5		. LATCH, OXYGEN DOOR	C-E	1
			ATTACHING PARTS		
– 25	NAS514P832-10		. SCREW	A-B, F,G	2
25A	MS24693S29		. SCREW (TRUE PN MS24693-S29)	C-E	2
– 30	NAS1149DN832K		. WASHER	A-B, F,G	2
30A	NAS1149DN632K		. WASHER	C-E	2
– 35	NAS1169C8L		. WASHER	A-B, F,G	2
35A	CD1372-1AL		. WASHER	C-D	2
– 35B	CDSP5801-1AL		. WASHER	E	2
– 40	MS21042L08		. NUT	A-B, F,G	2
40A	MS21042L06		. NUT	C-E	2
			* * *		
– 45	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)	A-B, F,G	2
45A	CDSP4701-1		. MOUNT, CABLE TIE (BONDED)	C-E	2
50	MS3367-4-9		. CABLE TIE		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 55	CD12750B1		. PLACARD (BONDED) (TRUE PN CD1275-'0B1')	A-B, F,G	1
60	9326239-507		. BRACKET ASSY, 2 MAN (LH SIDE)	A,C,E	1
– 63	9326239-511		. BRACKET ASSY, 2 MAN (LH SIDE)	B,D	1
– 65	9326239-509		. BRACKET ASSY, 3 MAN (RH SIDE)	A-B, F,G	1
			ATTACHING PARTS		
– 70	MS24693S48		. SCREW (TRUE PN MS24693-S48)	A-B, F,G	2
– 72	NAS514P832-10		. SCREW	A-B	2
– 75	NAS1149DN832K		. WASHER	A-B, F,G	2
– 80	MS35338-42		. WASHER	A-B, F,G	2
– 85	MS35649-282		. NUT	A-B, F,G	2
87	NAS1096-1-4		. SCREW	C-E	2
89	NAS1149DN632K		. WASHER	C-E	2
			* * *		
– 90	803000-12		. GENERATOR, OXYGEN (V34597) (2 MAN, 13 MINUTES) (LH SIDE)	A,C	1
– 90A	801387-12		. GENERATOR, OXYGEN (V34597) (2 MAN, 22 MINUTES) (LH SIDE)	B,D	1
90B	803000-62		. GENERATOR, OXYGEN (V34597) (2 MAN, 13 MINUTES) (LH SIDE)	E	1

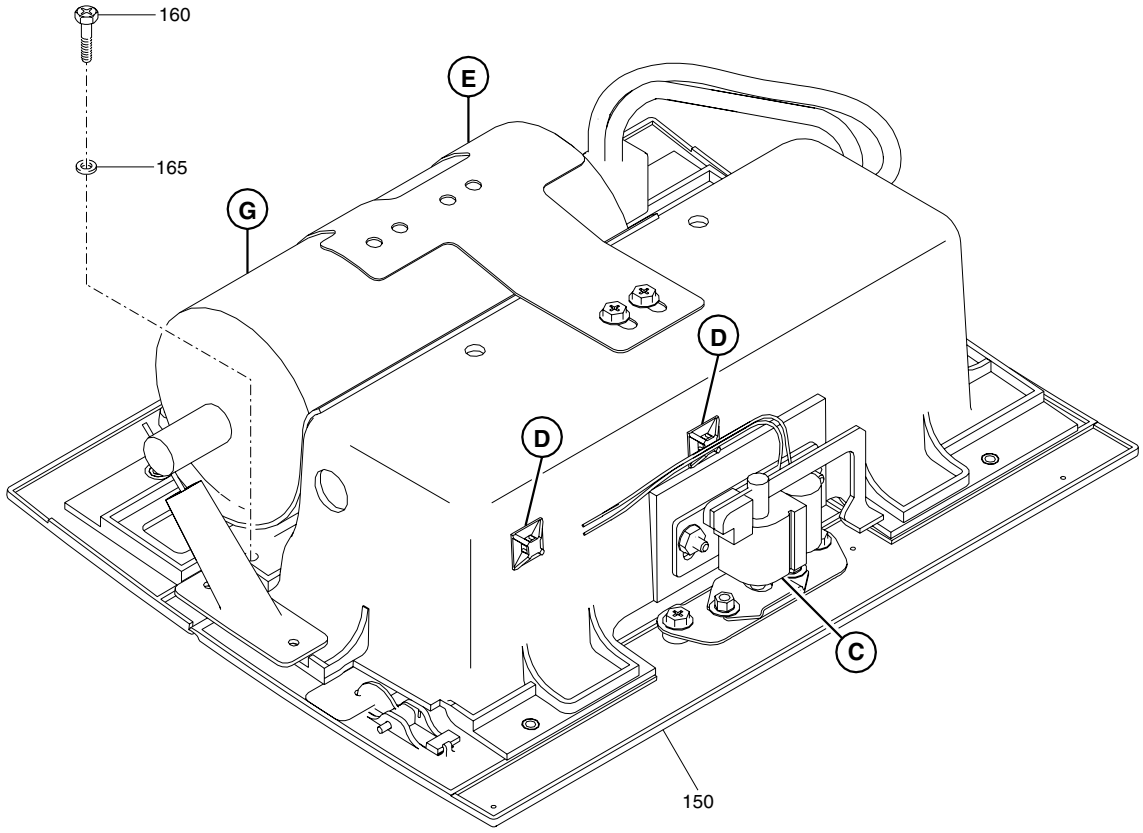
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 95	803000-13		. GENERATOR, OXYGEN (V34597) (3 MAN, 13 MINUTES) (RH SIDE)	F	1
– 95A	801387-13		. GENERATOR, OXYGEN (V34597) (3 MAN, 22 MINUTES) (RH SIDE)	G	1
– 95B	803000-63		. DELETED	A	D
100	9600K19		. GROMMET (V3A054)		1
105	9326210-1		. TUBE, LANYARD		1
			ATTACHING PARTS		
– 110	AD34BS		. RIVET	A-B, F,G	2
– 115	NAS1149DN332K		. WASHER	A-B, F,G	4
– 117	CCR274CS3-04		. RIVET (V05693) (TRUE PN CCR274CS-3-04)	C-E	2
118	NAS1149DN332K		. WASHER	C-E	4
			* * *		
– 120	9326239-23		. BRACKET	A-B, F,G	1
			ATTACHING PARTS		
– 125	AD32BS		. DELETED	A-B	D
– 125A	AD43BS		. RIVET	A-B, F,G	2
– 130	NAS1149DN432K		. WASHER	A-B, F,G	4
			* * *		
135	9326227-1		. SHIELD, HEAT	A,C,E,F	1
– 140	9326227-3		. SHIELD, HEAT	B,D,G	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 145	9326215-1		. BOX, OXYGEN	A-B, F,G	1
147	3868213-501		. BOX ASSY, OXYGEN	C-E	1
150	9326226-501		. BLANKET ASSY, MASK DEPLOYMENT		1
155	289-601-066-1		. OXYGEN MASK, PASSENGER (V53655) (LH SIDE) (SEE CMM 35-22-26 FOR DET)		2
– 160	289-601-066-1		. OXYGEN MASK, PASSENGER (V53655) (RH SIDE) (SEE CMM 35-22-26 FOR DET)	A-B, F,G	3
165	3868105-513		. PANEL ASSY, DOOR / FACE SEE FIG. 4 FOR DET	C-D	1
– 165A	3868106-513		. PANEL ASSY, DOOR / FACE SEE FIG. 4 FOR DET	E	1
			ATTACHING PARTS		
170	NAS1096-1-4		. SCREW	C-E	3
175	NAS1149DN632K		. WASHER	C-E	3
			* * *		

– ITEM NOT ILLUSTRATED

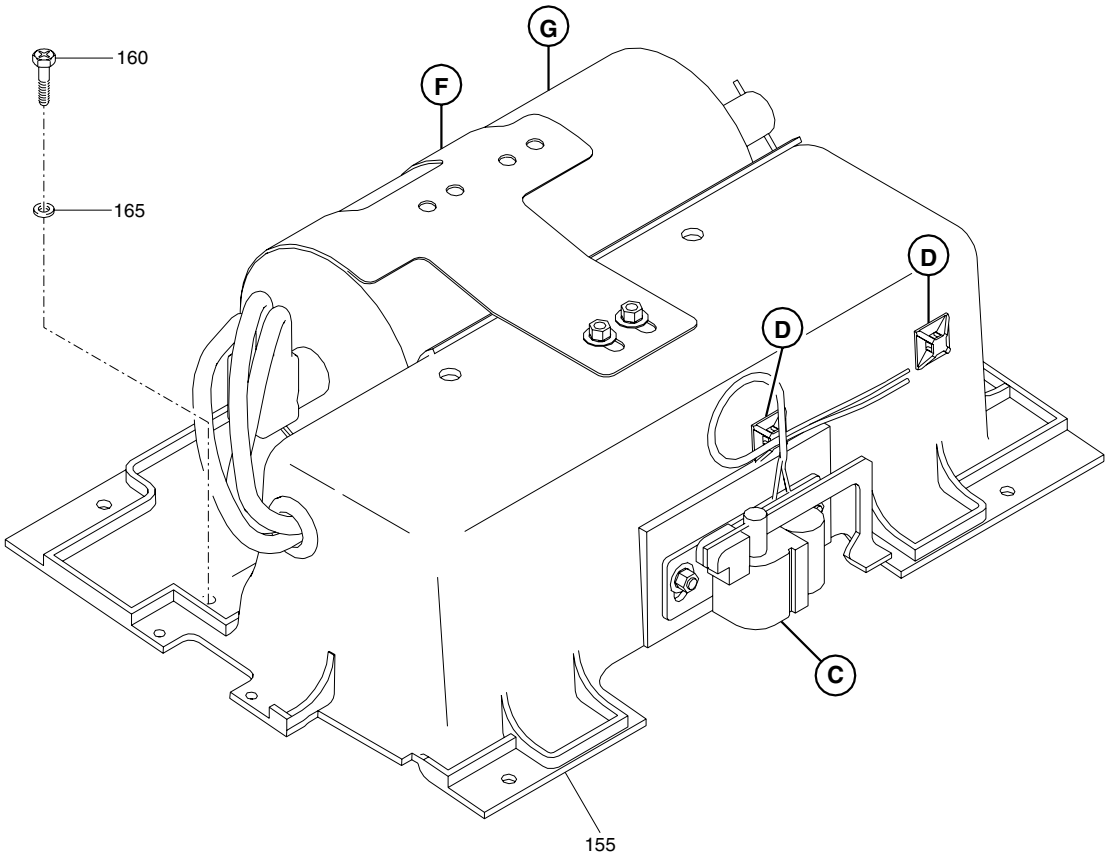


A

ONLY FOR 3868105 – 509/ –511
3868106 – 511

25284803A01

Oxygen Box Assembly
(Sheet 1 of 5)
Figure 3A/GRAPHIC 25-28-48-99b-013-A01

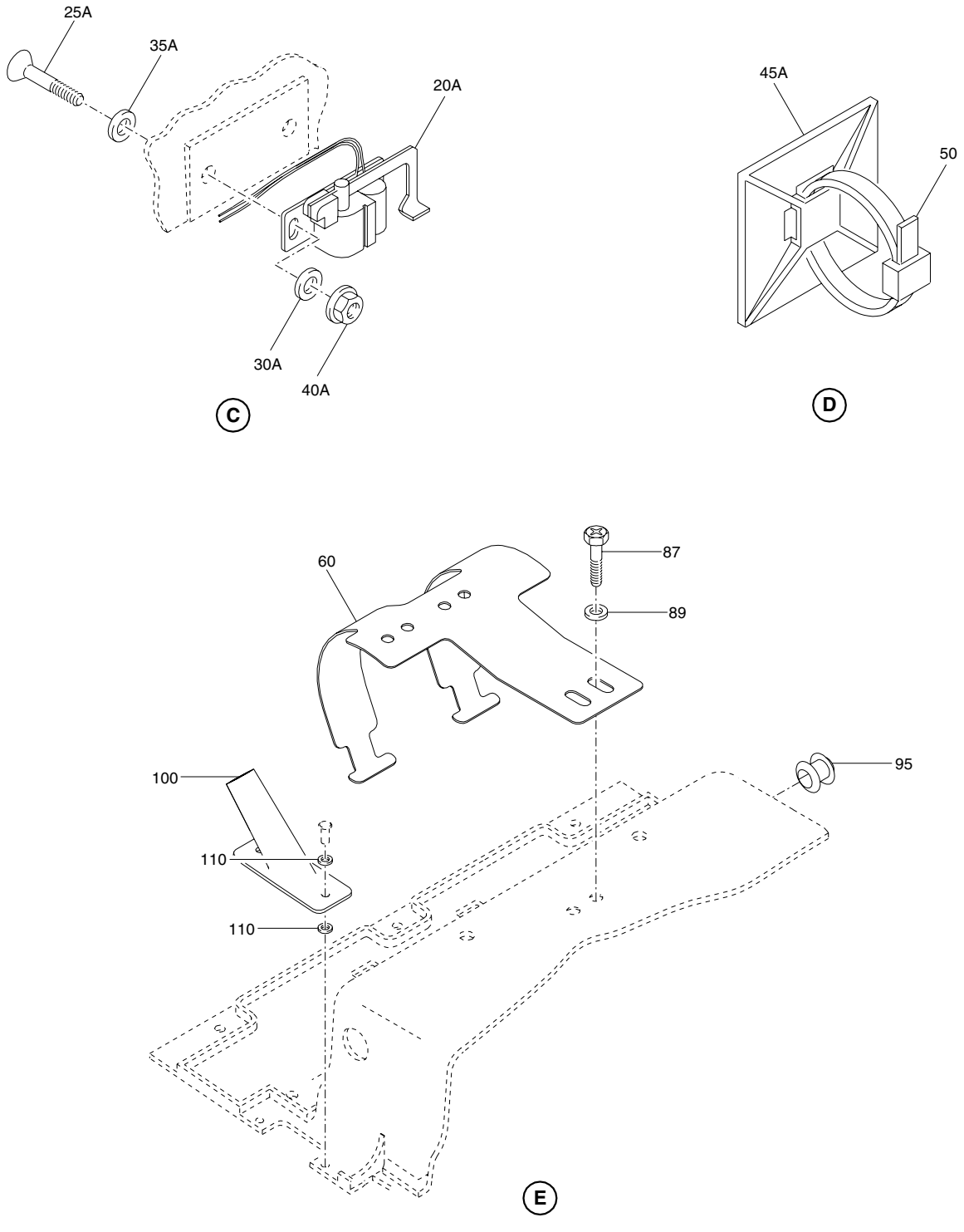


B

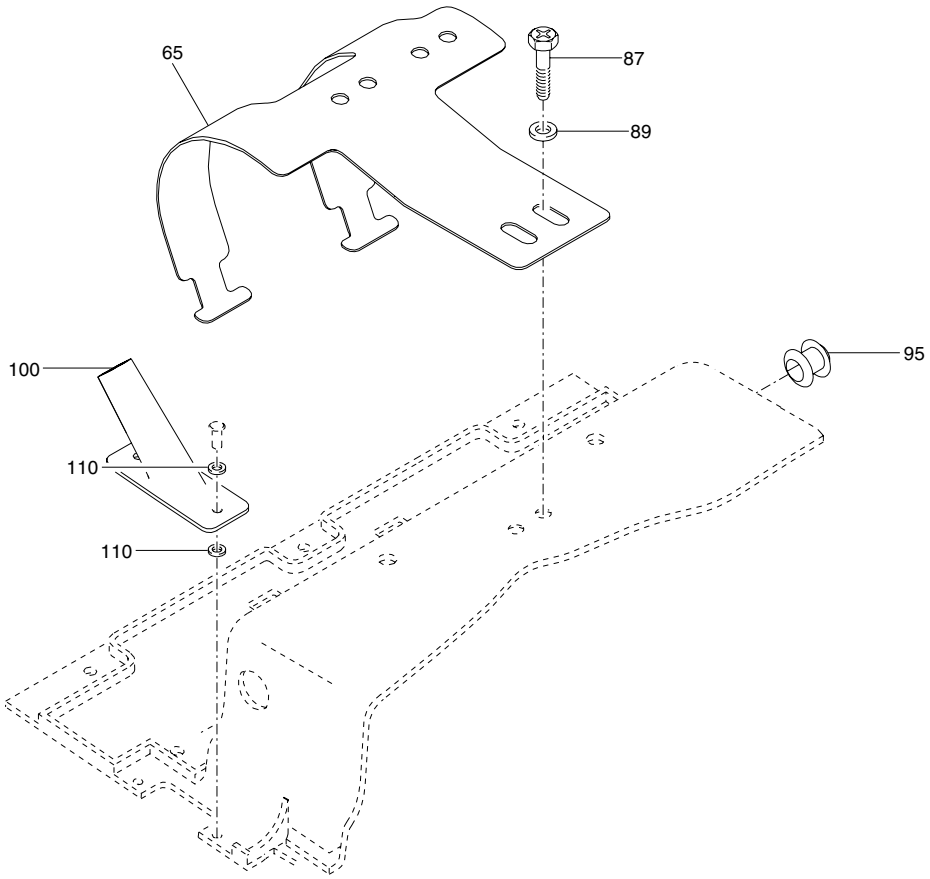
ONLY FOR 3868105 – 503/ –507
3868106 – 503

25284803A02

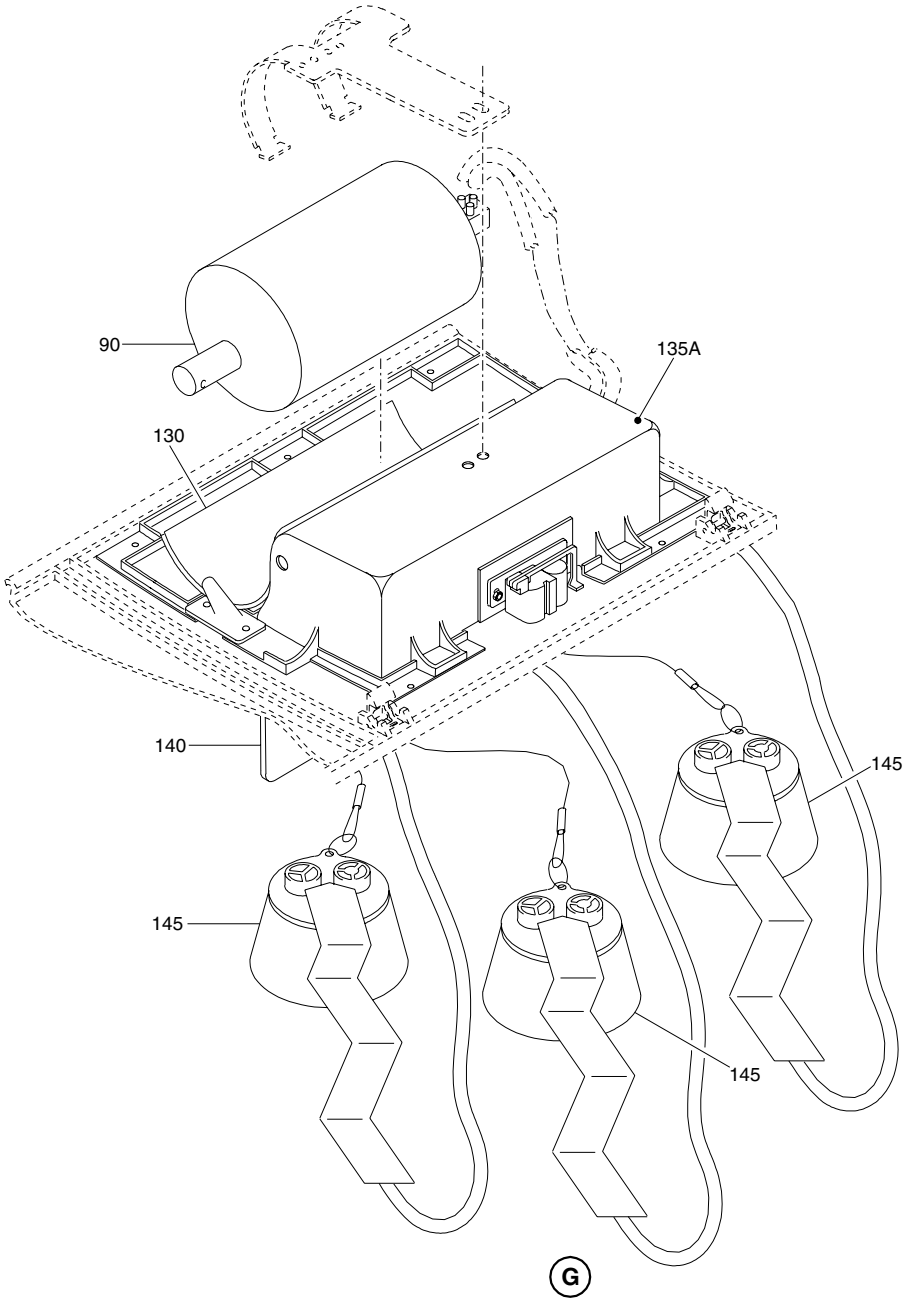
Oxygen Box Assembly
(Sheet 2 of 5)
Figure 3A/GRAPHIC 25-28-48-99b-013-A01



Oxygen Box Assembly
(Sheet 3 of 5)
Figure 3A/GRAPHIC 25-28-48-99b-013-A01



Oxygen Box Assembly
(Sheet 4 of 5)
Figure 3A/GRAPHIC 25-28-48-99b-013-A01



Oxygen Box Assembly
(Sheet 5 of 5)
Figure 3A/GRAPHIC 25-28-48-99b-013-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 1	9326105-517		OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 1 FOR NHA	A	RF
– 1A	9326105-519		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 1 FOR NHA	B	RF
– 1B	3868105-509		OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1C FOR NHA SEE FIG. 1D FOR NHA	C	RF
– 1C	3868105-511		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1D FOR NHA RPLD BY ITEM -1G	D	RF
– 1D	3868105-503		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1D FOR NHA RPLD BY ITEM -1F	E	RF
– 1E	3868105-507		OXYGEN BOX ASSY (3 MAN, 22 MINUTES) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1B FOR NHA SEE FIG. 1C FOR NHA SEE FIG. 1D FOR NHA	F	RF
– 1F	3868106-503		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) SEE FIG. 1D FOR NHA RPLS ITEM -1D	G	RF
– 1G	3868106-511		OXYGEN BOX ASSY (2 MAN, 13 MINUTES) SEE FIG. 1D FOR NHA RPLS ITEM -1C	H	RF

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 10	3868105-503		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) (MOVED TO ITEM -1D) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1D FOR NHA RPLD BY ITEM -10B	E	D
– 10A	3868105-507		OXYGEN BOX ASSY (3 MAN, 22 MINUTES) (MOVED TO ITEM -1E) SEE FIG. 1 FOR NHA SEE FIG. 1A FOR NHA SEE FIG. 1B FOR NHA SEE FIG. 1C FOR NHA SEE FIG. 1D FOR NHA	F	D
– 10B	3868106-503		OXYGEN BOX ASSY (3 MAN, 13 MINUTES) (MOVED TO ITEM -1F) SEE FIG. 1D FOR NHA RPLS ITEM -10	G	D
– 10C	3868106-511		OXYGEN BOX ASSY (2 MAN, 13 MINUTES) (MOVED TO ITEM -1G) SEE FIG. 1D FOR NHA	H	D
– 20	89220-2		. LATCH, OXYGEN DOOR (V09790)	A-B	1
20A	CDSP4633-5		. LATCH, OXYGEN DOOR	C-H	1
			ATTACHING PARTS		
– 25	NAS514P832-10		. SCREW	A-B	2
25A	MS24693S29		. SCREW (TRUE PN MS24693-S29)	C-H	2
– 30	NAS1149DN832K		. WASHER	A-B	2
30A	NAS1149DN632K		. WASHER	C-H	2
– 35	NAS1169C8L		. WASHER	A-B	2
35A	CD1372-1AL		. WASHER	C-F	2
– 35B	CDSP5801-1AL		. WASHER	G,H	2
– 40	MS21042L08		. NUT	A-B	2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A 40A	MS21042L06		. NUT	C-H	2
			* * *		
– 45	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)	A-B	2
45A	CDSP4701-1		. MOUNT, CABLE TIE (BONDED)	C-H	2
50	MS3367-4-9		. CABLE TIE		1
– 55	CD12750B1		. PLACARD (BONDED) (TRUE PN CD 1275-'0B1')	A-B	1
60	9326239-510		. BRACKET ASSY, 3 MAN (LH SIDE)	A-D,H	1
65	9326239-509		. BRACKET ASSY, 3 MAN (RH SIDE)	E-G	1
			ATTACHING PARTS		
– 70	MS24693S48		. SCREW (TRUE PN MS24693-S48)	A-B	2
– 75	NAS1149DN832K		. WASHER	A-B	2
– 80	MS35338-42		. WASHER	A-B	2
– 85	MS35649-282		. NUT	A-B	2
87	NAS1096-1-4		. SCREW	C-H	2
89	NAS1149DN632K		. WASHER	C-H	2
			* * *		
90	801387-13		. GENERATOR, OXYGEN (V34597) (3 MAN, 22 MINUTES)	A,C,F	1
– 92	803000-13		. GENERATOR, OXYGEN (V34597) (3 MAN, 13 MINUTES)	B,D-E	1

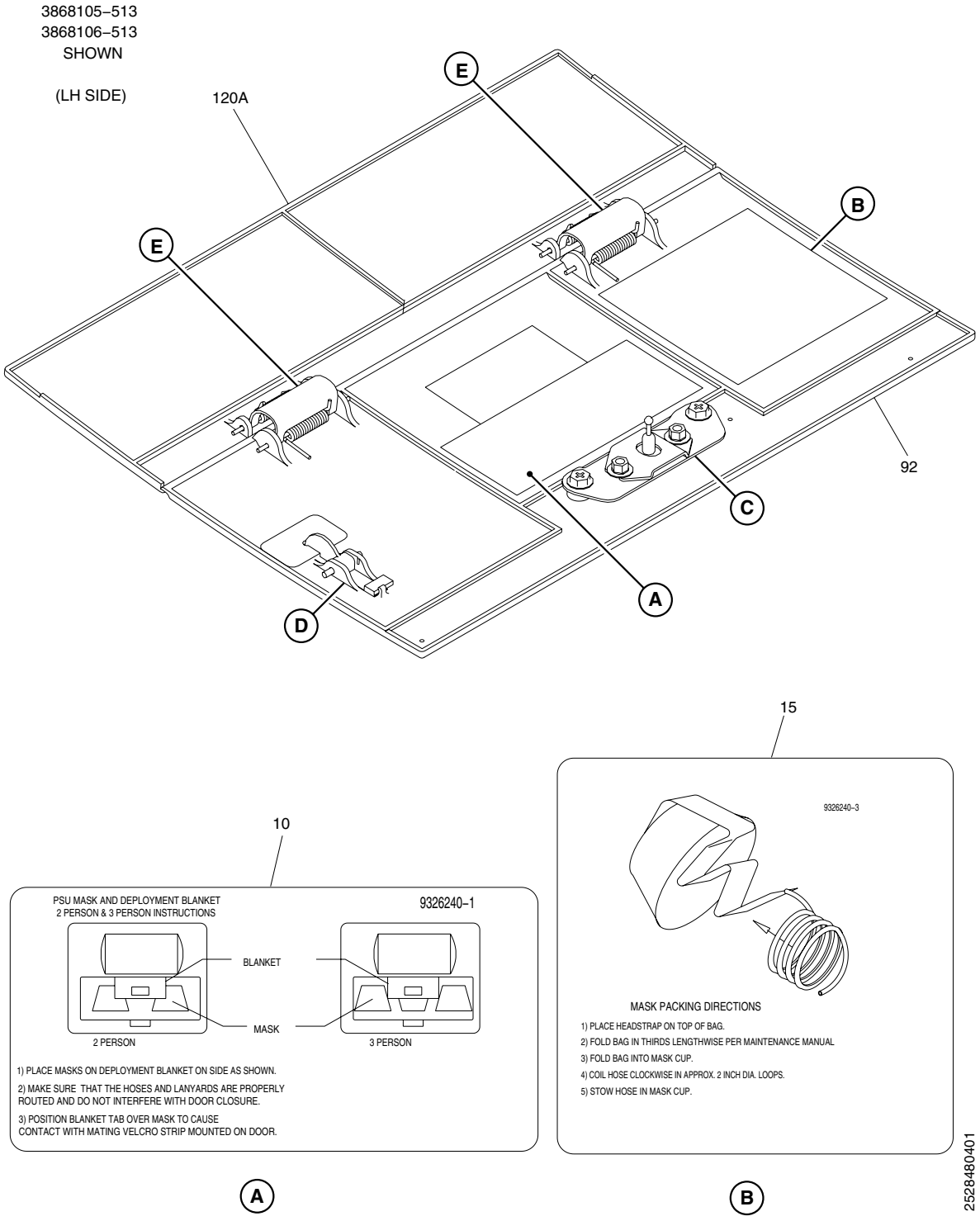
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 92A	803000-63		. GENERATOR, OXYGEN (V34597) (3 MAN, 13 MINUTES)	G-H	1
95	9600K19		. GROMMET (V3A054)		1
100	9326210-1		. TUBE, LANYARD		1
			ATTACHING PARTS		
– 105	AD34BS		. RIVET	A-B	2
– 105A	CCR274CS3-04		. RIVET (V05693) (TRUE PN CCR274CS-3-04)	C-H	2
110	NAS1149DN332K		. WASHER		4
			* * *		
– 115	9326239-23		. BRACKET	A-B	1
			ATTACHING PARTS		
– 120	AD32BS		. DELETED	A-B	D
– 120A	AD43BS		. RIVET	A-B	2
– 125	NAS1149DN432K		. WASHER	A-B	4
			* * *		
130	9326227-3		. SHIELD, HEAT	A,C,F	1
– 130A	9326227-1		. SHIELD, HEAT	B,D,E, G,H	1
– 135	9326215-1		. BOX, OXYGEN	A-B	1
135A	3868213-501		. BOX ASSY, OXYGEN	C-H	1
140	9326226-501		. BLANKET ASSY, MASK DEPLOYMENT		1
145	289-601-066-1		. OXYGEN MASK, PASSENGER (V53655) (SEE CMM 35-22-26 FOR DET)		3
150	3868105-513		. PANEL ASSY, DOOR / FACE SEE FIG. 4 FOR DET	C,D	1

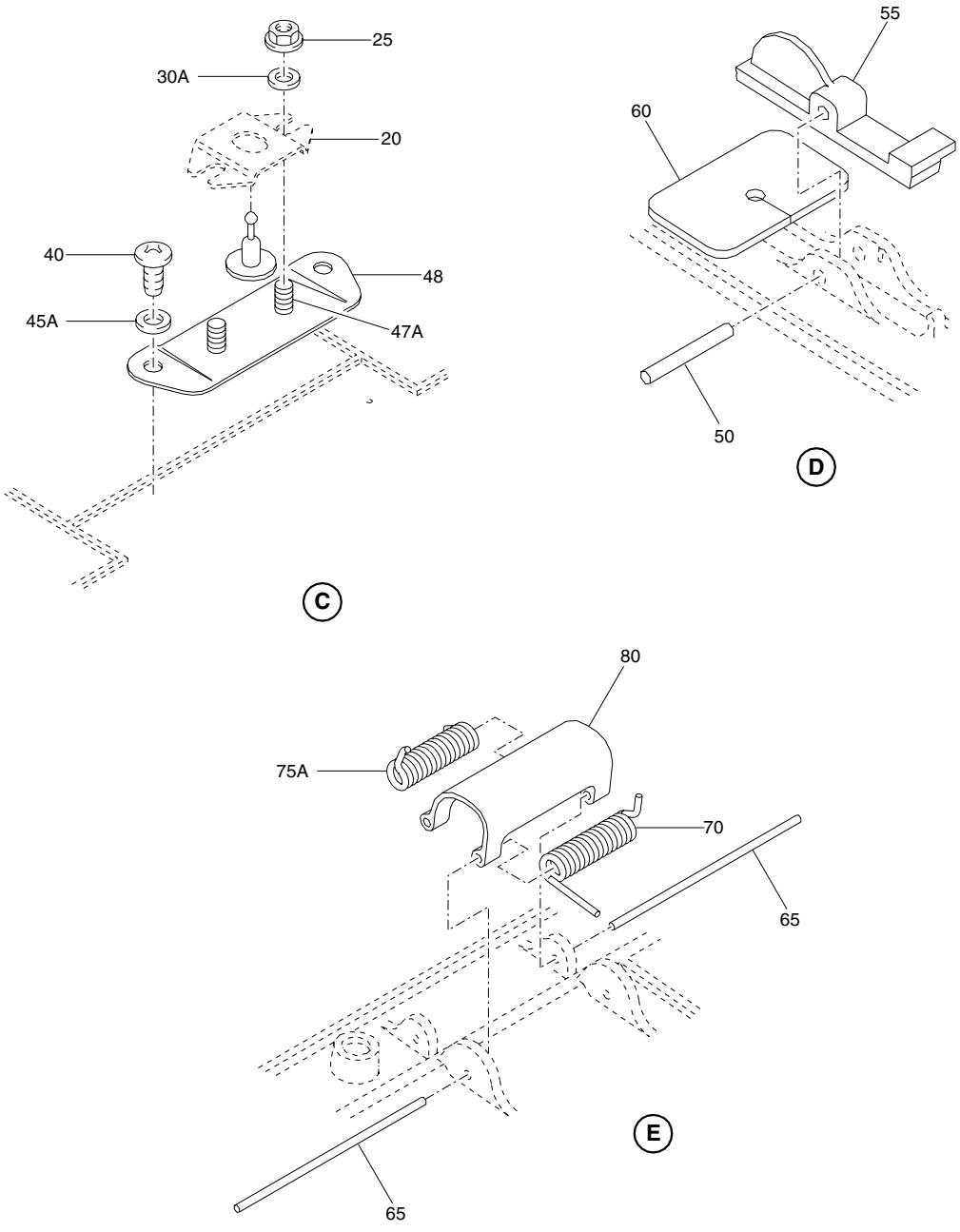
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 150A	3868106-513		. PANEL ASSY, DOOR / FACE SEE FIG. 4 FOR DET	H	1
155	3868105-515		. PANEL ASSY, DOOR / FACE SEE FIG. 4 FOR DET	E,F	1
– 155A	3868106-515		. PANEL ASSY, DOOR / FACE SEE FIG. 4 FOR DET	G	1
			ATTACHING PARTS		
160	NAS1096-1-4		. SCREW	C-H	3
165	NAS1149DN632K		. WASHER	C-H	3
			* * *		

– ITEM NOT ILLUSTRATED



Door/Face Panel Assembly
(Sheet 1 of 2)
Figure 4/GRAPHIC 25-28-48-99b-014-A01



Door/Face Panel Assembly
(Sheet 2 of 2)
Figure 4/GRAPHIC 25-28-48-99b-014-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4 – 1	9326105-513		DELETED	A	D
– 1A	3868105-513		PANEL ASSY, DOOR/FACE (LH SIDE) SEE FIG. 3 FOR NHA SEE FIG. 3A FOR NHA	C	RF
– 1B	3868106-513		PANEL ASSY, DOOR/FACE (LH SIDE) SEE FIG. 3 FOR NHA SEE FIG. 3A FOR NHA	E	RF
– 1C	3868105-515		PANEL ASSY, DOOR/FACE (RH SIDE) SEE FIG. 3A FOR NHA	D	RF
– 1D	3868106-515		PANEL ASSY, DOOR/FACE (RH SIDE) SEE FIG. 3A FOR NHA	F	RF
– 5	9326105-515		DELETED	B	D
– 5A	3868105-515		PANEL ASSY, DOOR/FACE (RH SIDE) (MOVED TO ITEM -1C) SEE FIG. 3A FOR NHA	D	D
– 5B	3868106-515		PANEL ASSY, DOOR/FACE (RH SIDE) (MOVED TO ITEM -1D) SEE FIG. 3A FOR NHA	F	D
10	9326240-1		. PLACARD (BONDED)	C-F	1
15	9326240-3		. PLACARD (BONDED)	C-F	1
20	89220-2		. LATCH, OXYGEN DOOR (V09790)	C-F	RF
25	MS21042L06		. NUT	C-F	2
			ATTACHING PARTS		
– 30	NAS1149DN616K		. DELETED	A-B	D

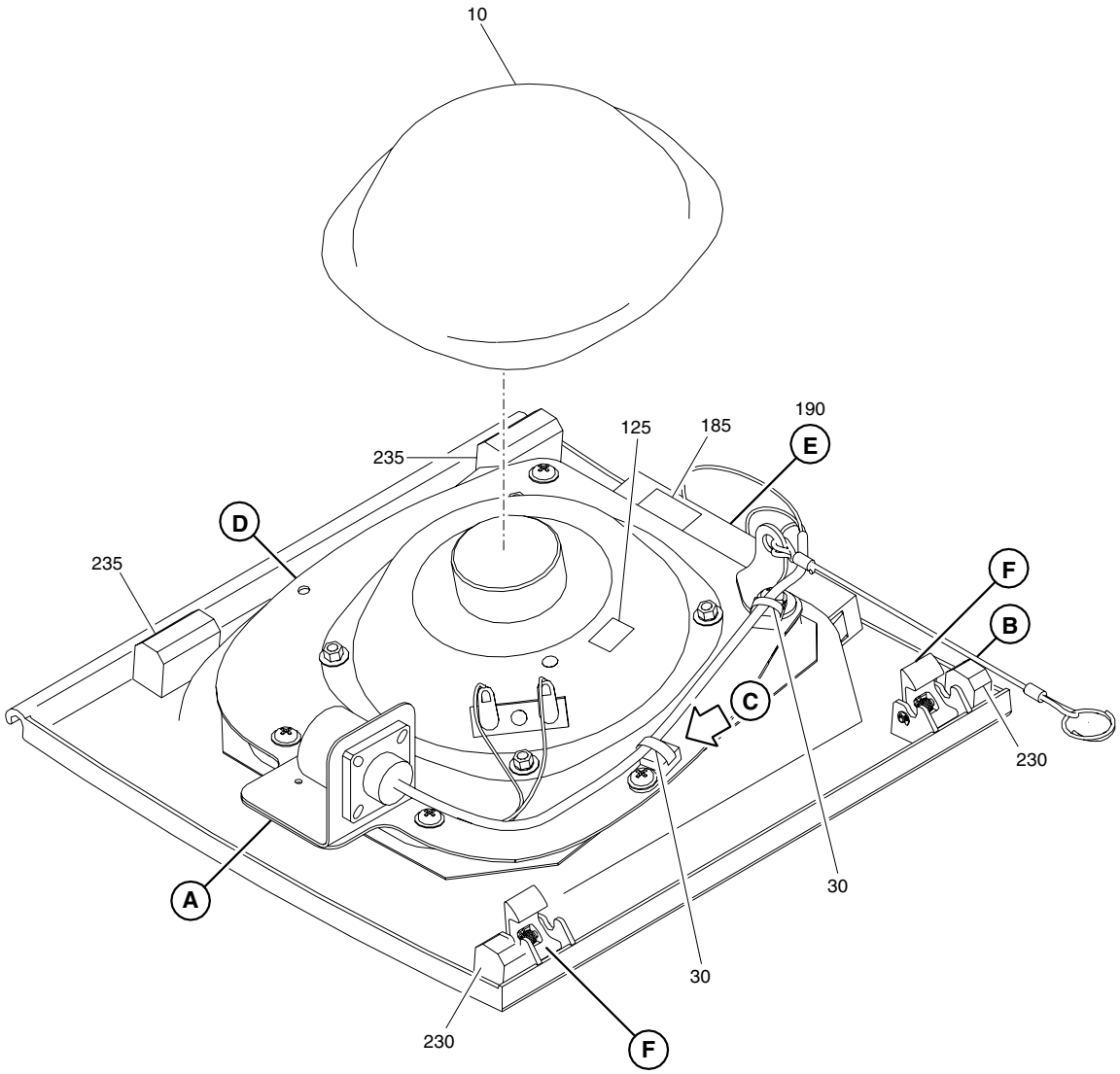
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4 30A	NAS1149DN632K		. WASHER	C-F	2
			* * *		
– 35	9326239-503		. BRACKET ASSY	C-F	1
			ATTACHING PARTS		
40	NAS1096-1-3		. SCREW	C-F	2
– 45	NAS1149DN616K		. DELETED	A-B	D
45A	NAS1149DN632K		. WASHER	C-F	2
			* * *		
– 47	FH632-4		. . STUD (V99489) (TRUE PN FH-632-4) SUPSD BY ITEM 47A	C-F	2
47A	FH632-4ZI		. . STUD (V99489) (TRUE PN FH-632-4ZI) SUPSDS ITEM -47	C-F	2
48	9326239-9		. . BRACKET	C-F	1
50	9326105-3		. PIN, LATCH	C-F	1
55	9326209-501		. LATCH ASSY	C-F	1
60	9326228-1		. SEAL (BONDED)	C-F	1
65	9326105-1		. PIN, HINGE	C-F	4
70	9326244-1		. SPRING, TORSION	C-F	2
– 75	9326244-5		. DELETED	A-B	D
75A	9326244-3		. SPRING, TORSION (FN 10008, 10010 AND SUBSEQUENT SHIPS)	C-F	2
80	9326222-1		. HINGE, DETAIL	C-F	2
– 85	9326105-5		. NYLON TAPE, HOOK (BONDED)	C-F	1
– 90	9326205-505		. DOOR ASSY, OXYGEN MASK (LH SIDE)	C,E	1

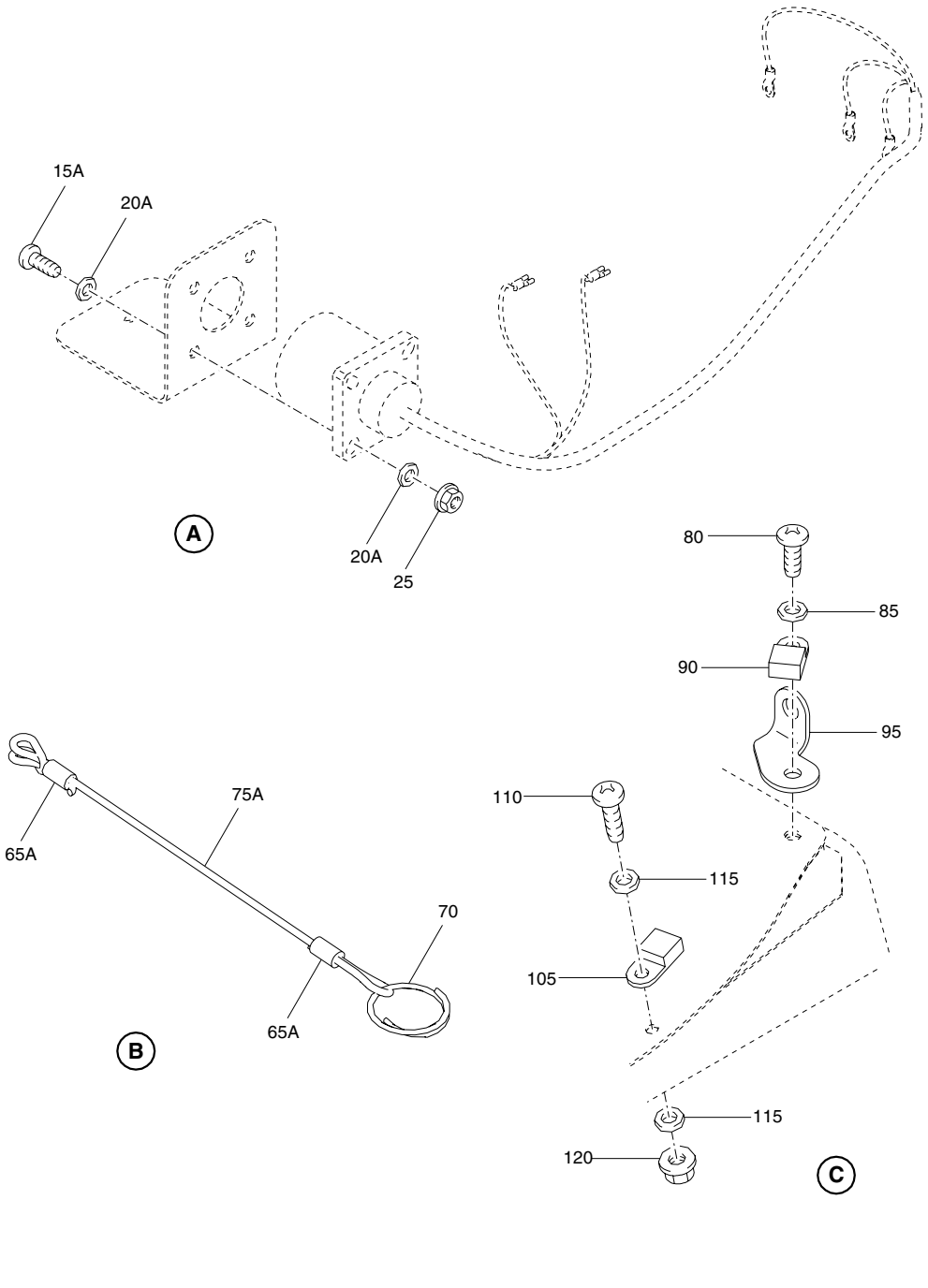
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4 – 91	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	C,E	2
92	9326205-5		. . DOOR PANEL, OXYGEN MASK (LH SIDE)	C,E	1
– 95	9326205-507		. DOOR ASSY, OXYGEN MASK (RH SIDE)	D,F	1
– 100	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	D,F	2
– 102	9326205-5		. . DOOR PANEL, OXYGEN MASK (MOVED TO ITEM 92)	C,E	D
– 103	9326205-7		. . DOOR PANEL, OXYGEN MASK (RH SIDE)	D,F	1
– 105	9326206-501		. DELETED	A-B	D
– 107	9326206-503		. PANEL ASSY, OXYGEN FACE	C-F	1
– 110	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	C-F	5
– 115	6035-06BR150		. . DELETED		D
– 120	9326206-1		. . DELETED	A-B	D
120A	9326206-3		. . PANEL, OXYGEN FACE	C-F	1

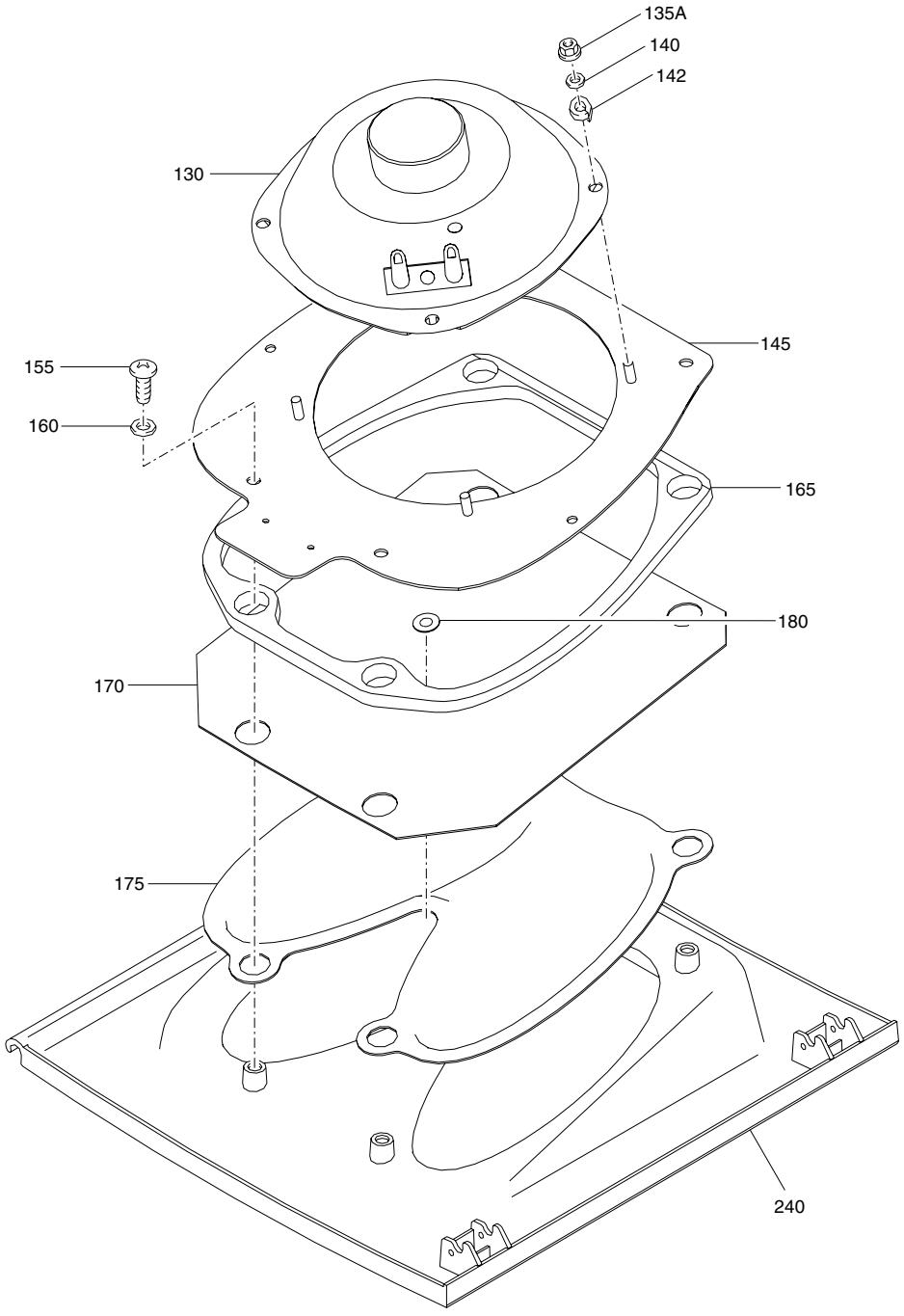
– ITEM NOT ILLUSTRATED



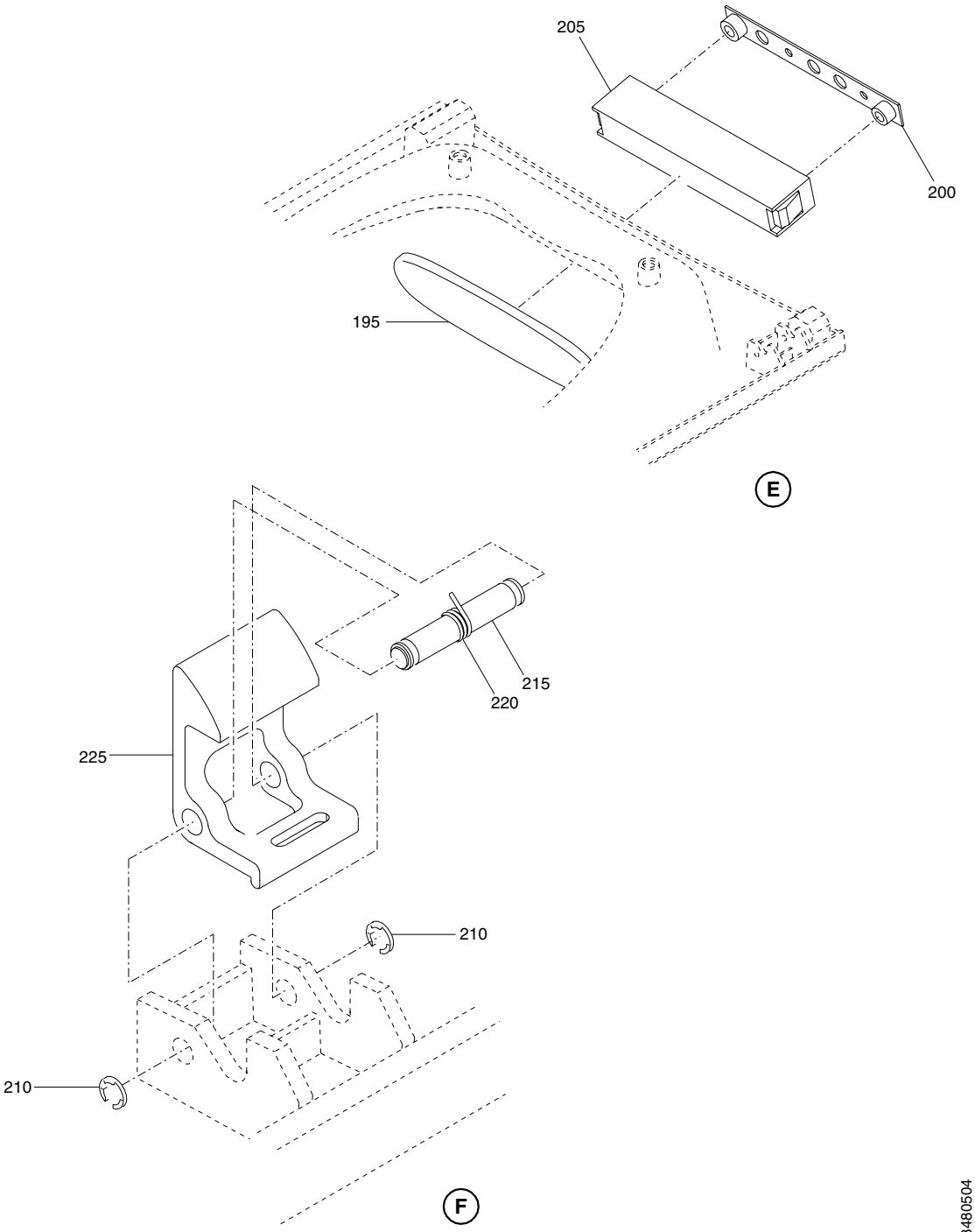
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5/GRAPHIC 25-28-48-99b-015-A01



Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5/GRAPHIC 25-28-48-99b-015-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5/GRAPHIC 25-28-48-99b-015-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5/GRAPHIC 25-28-48-99b-015-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 1	9326101-101		PANEL ASSY, LH SPEAKER/NS/FSB SEE FIG. 1L FOR NHA	A	RF
– 1A	9326101-107		PANEL ASSY, LH SPEAKER/NS/FSB	C	RF
– 1B	9326101-102		PANEL ASSY, RH SPEAKER/NS/FSB SEE FIG. 1L FOR NHA	B	RF
– 1C	9326101-108		PANEL ASSY, RH SPEAKER/NS/FSB	D	RF
– 5	9326101-102		PANEL ASSY, RH SPEAKER/NS/FSB (MOVED TO ITEM -1B)	B	D
– 5A	9326101-108		PANEL ASSY, RH SPEAKER/NS/FSB (MOVED TO ITEM -1C)	D	D
10	7271037-501		. INSULATION ASSY, SPEAKER (BONDED)		1
– 10A	7272037-501		. INSULATION ASSY, SPEAKER (BONDED) (ALT PN TO ITEM 10)		1
– 15	NAS1801-04-5		. SCREW SUPSD BY ITEM 15A		4
15A	NAS1801-04-6		. SCREW SUPSDS ITEM -15		4
– 20	NAS620-6L		. WASHER SUPSD BY ITEM 20A		8
20A	NAS620-4L		. WASHER SUPSDS ITEM -20		8
25	MS21042L04		. NUT		4
30	MS3367-4-9		. CABLE TIE		2
– 35	9326730-505		. WIRE HARNESS ASSY	A,C	1
– 35A	9326730-507		. WIRE HARNESS ASSY	B,D	1
– 40	9326730-507		. WIRE HARNESS ASSY (MOVED TO ITEM -35A)	B,D	D
– 45	BVD00E0207PN		. . CONNECTOR SUPSD BY ITEM -45A		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 45A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN) SUPSDS ITEM -45		1
– 50	640174-1		. . RECEPTACLE		2
– 55	MS25036-101		. . TERMINAL LINK		3
– 60	9326225-509		. LANYARD ASSY		1
– 65	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 65A		2
65A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -65		2
70	95390A316		. . RING, SPLIT (V3A054)		1
– 75	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 75A		AR
75A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -75		AR
80	NAS1096-1-6		. SCREW		1
85	NAS1149DN616K		. WASHER		1
90	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
95	9326225-3		. BRACKET (LANYARD MOUNT)	A,C	1
– 95A	9326238-1		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM 95)	A,C	1
– 95B	9326225-4		. BRACKET (LANYARD MOUNT)	B	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 95C	9326238-2		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM -95B)	B	1
– 100	9326225-4		. BRACKET (LANYARD MOUNT) (MOVED TO ITEM -95B)	B,D	D
– 100A	9326238-2		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM -100) (MOVED TO ITEM -95C)	B,D	D
105	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
			ATTACHING PARTS		
110	NAS1096-1-5		. SCREW		1
115	NAS1149DN616K		. WASHER		2
120	MS21042L06		. NUT		1
			* * *		
125	CD1275SPK1		. PLACARD (BONDED) (TRUE PN CD 1275-'SPK1')		1
– 125A	RUBBERSTAMP		. PLACARD (BONDED) (TRUE PN RUBBER STAMP) (ALT PN TO ITEM 125)		1
130	SCD130-14-1		. SPEAKER (V30242)	A,B	1
– 130A	SCD130-14-2		. SPEAKER (V30242)	C,D	1
			ATTACHING PARTS		
– 135	MS21042L08		. NUT SUPSD BY ITEM 135A		4
135A	MS35649-282		. NUT SUPSDS ITEM -135		4

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 140	NAS1149FN832P		. WASHER		4
142	MS35338-42		. WASHER		4
			* * *		
145	9326239-501		. BRACKET ASSY	A,C	1
– 145A	9326238-1		. BRACKET (ALT PN TO ITEM 145)	A,C	1
– 145B	9326239-502		. BRACKET ASSY	B,D	1
– 145C	9326238-2		. BRACKET (ALT PN TO ITEM -145B)	B,D	1
– 150	9326239-502		. BRACKET ASSY (MOVED TO ITEM -145B)	B,D	D
– 150A	9326238-2		. BRACKET (ALT PN TO ITEM -150) (MOVED TO ITEM -145C)	B,D	D
			ATTACHING PARTS		
155	NAS1096-1-5		. SCREW		3
160	NAS1149DN616K		. WASHER		3
			* * *		
165	9326224-1		. FOAM, CLOSEOUT		1
170	9326223-1		. CLOTH, SPEAKER		1
175	9326221-1		. GRILL, SPEAKER		1
180	94807A024		. SPEED NUT (V3A054) (PUSH ON)		1
– 180A	C00720-012-4		. SPEED NUT (V78553) (ALT PN TO ITEM 180)		1
185	CD1275SN1		. PLACARD (BONDED) (TRUE PN CD 1275-'SN1')		1

– ITEM NOT ILLUSTRATED

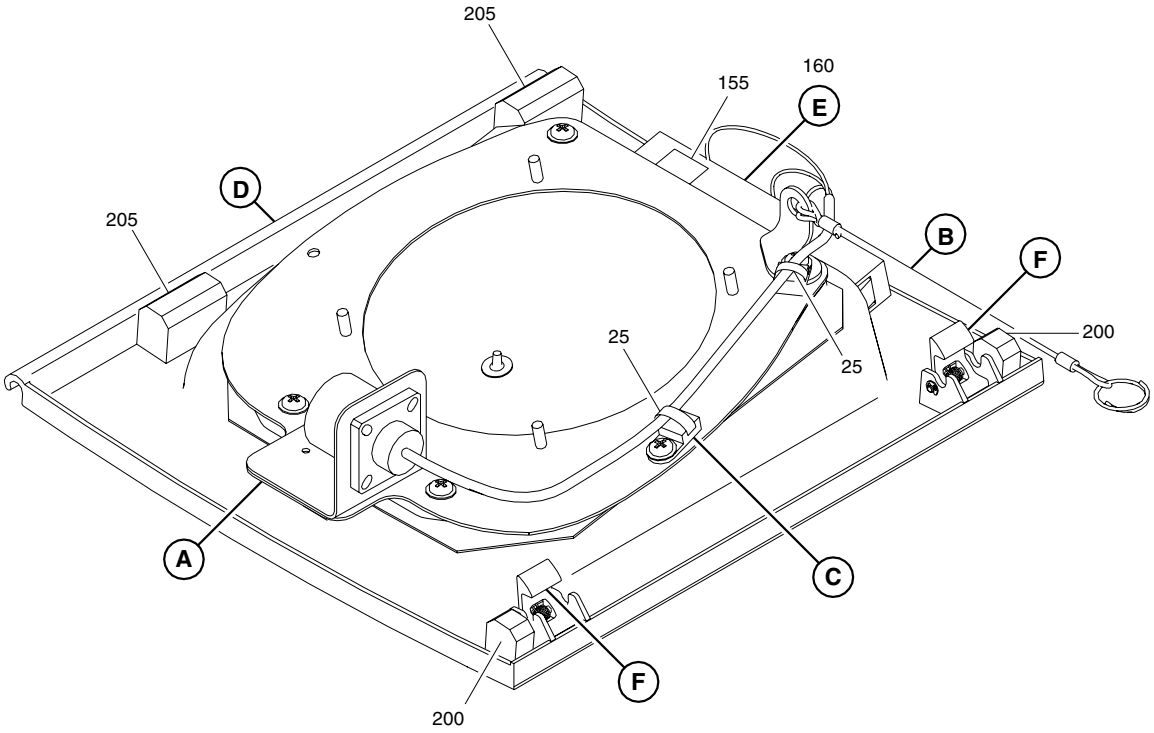
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 185A	RUBBERSTAMP		. PLACARD (BONDED) (TRUE PN RUBBER STAMP) (ALT PN TO ITEM 185)		1
190	6441100-501		. SIGN ASSY, NS/FSB		1
195	6441102-1		. . LENS (BONDED)		1
200	6441106-501		. . PCB ASSY		1
205	6441108-501		. . HOUSING ASSY		1
210	MS16633-4009		. RING, RETAINING		4
215	7271023-1		. PIN, PSU LATCH		2
– 215A	MS20470B3-13		. PIN (ALT PN TO ITEM 215)		2
220	T025-180-140L		. SPRING, TORSION (V74197)		2
225	7271022-1		. LATCH		2
– 225A	7271022-3		. CATCH, PSU LATCH (ALT PN TO ITEM 225)		2
230	9326101-1		. PAD (BONDED)		2
– 230A	9326115-1		. BUMPER (BONDED) (ALT PN TO ITEM 230)		2
235	9326101-3		. PAD (BONDED)		2
– 235A	9326115-1		. BUMPER (BONDED) (ALT PN TO ITEM 235)		2
240	9326201-501		. PANEL ASSY	A,C	1
– 240A	9326201-502		. PANEL ASSY	B,D	1
– 241	6035-06BR150		. . DELETED (INC BY MISTAKE)	A,C	D

– ITEM NOT ILLUSTRATED

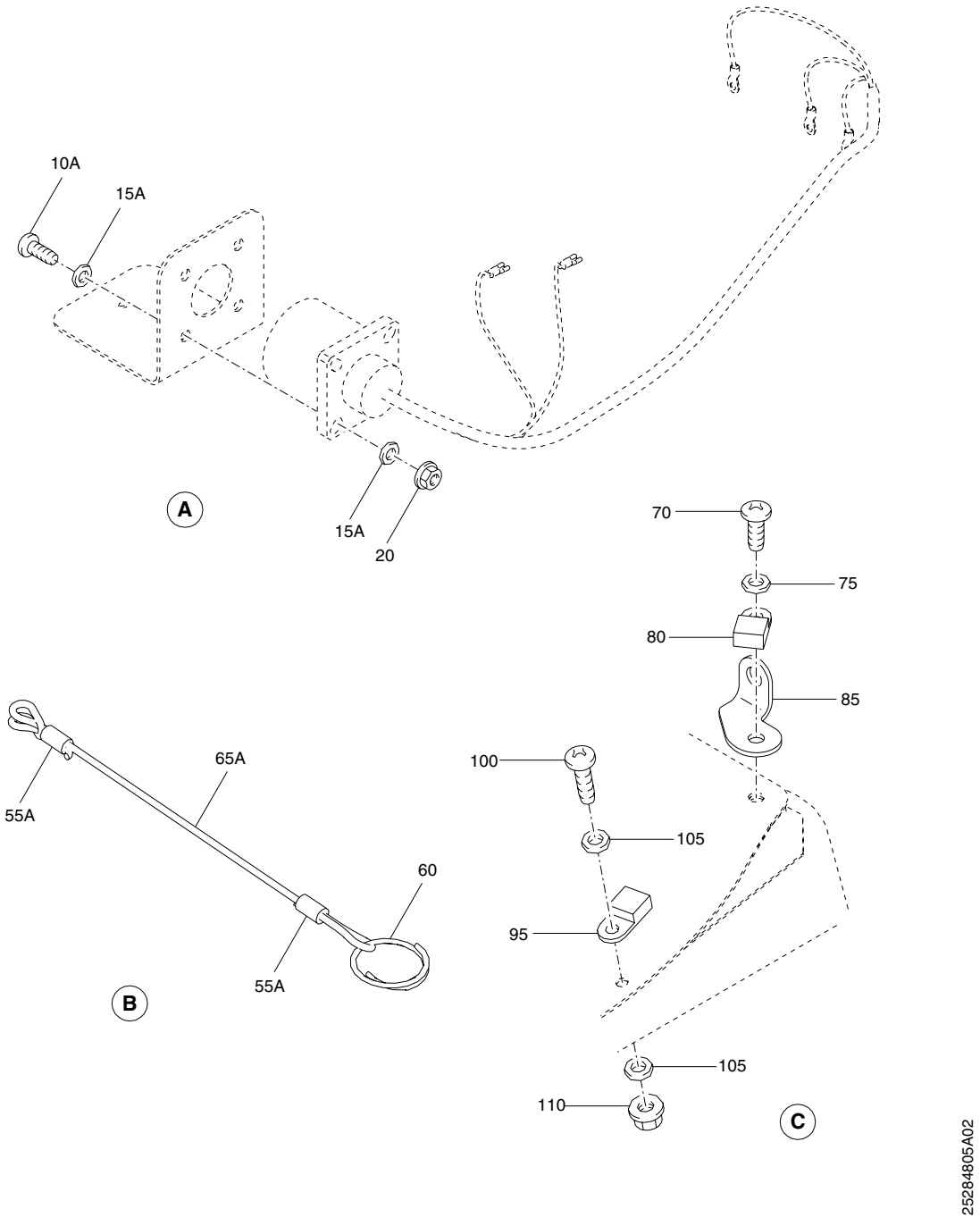
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 242	9326201-1		. . DELETED (INC BY MISTAKE)	A,C	D
– 245	9326201-502		. PANEL ASSY (MOVED TO ITEM -240A)	B,D	D
– 250	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 255	9326201-1		. . PANEL	A,C	1
– 255A	9326201-2		. . PANEL	B,D	1
– 260	9326201-2		. . PANEL (MOVED TO ITEM -255A)	B,D	D

– ITEM NOT ILLUSTRATED

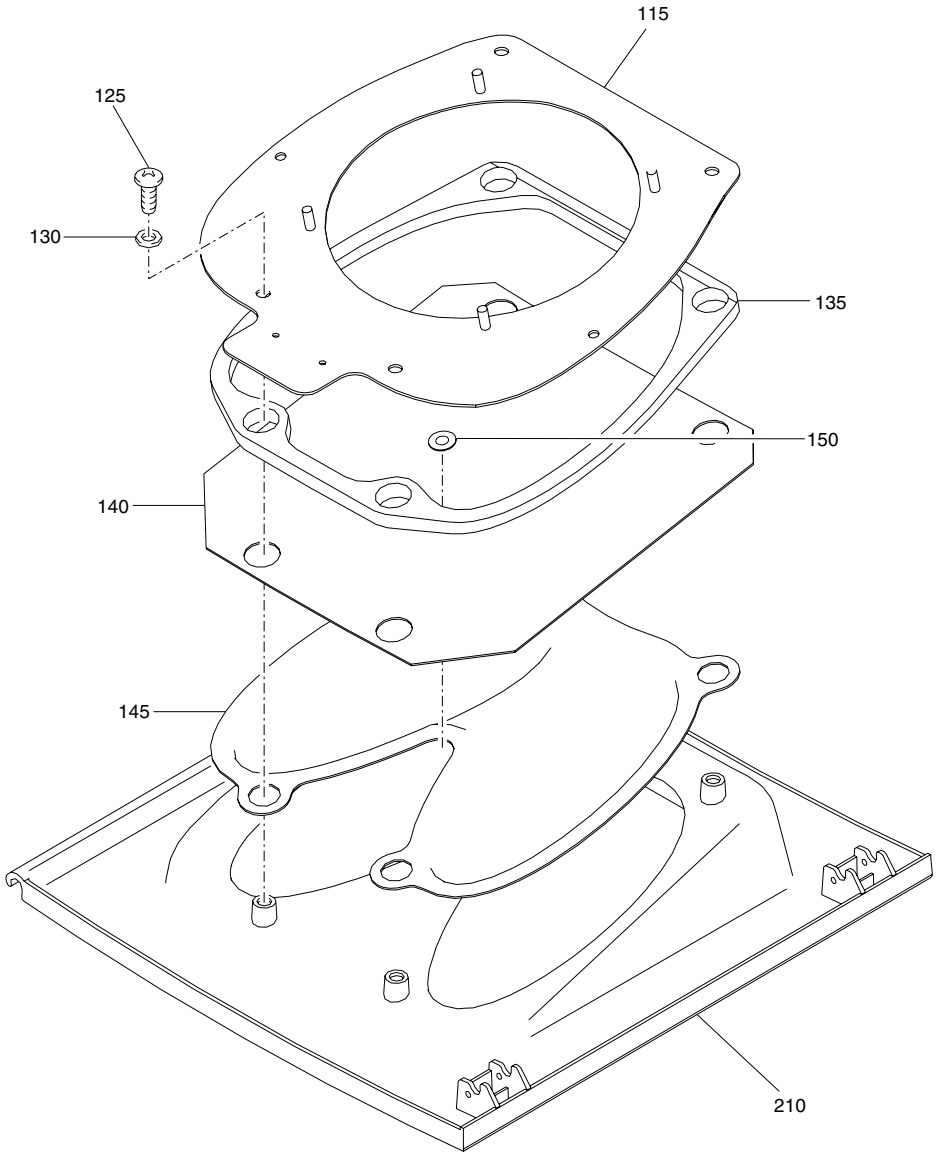
This page intentionally left blank.



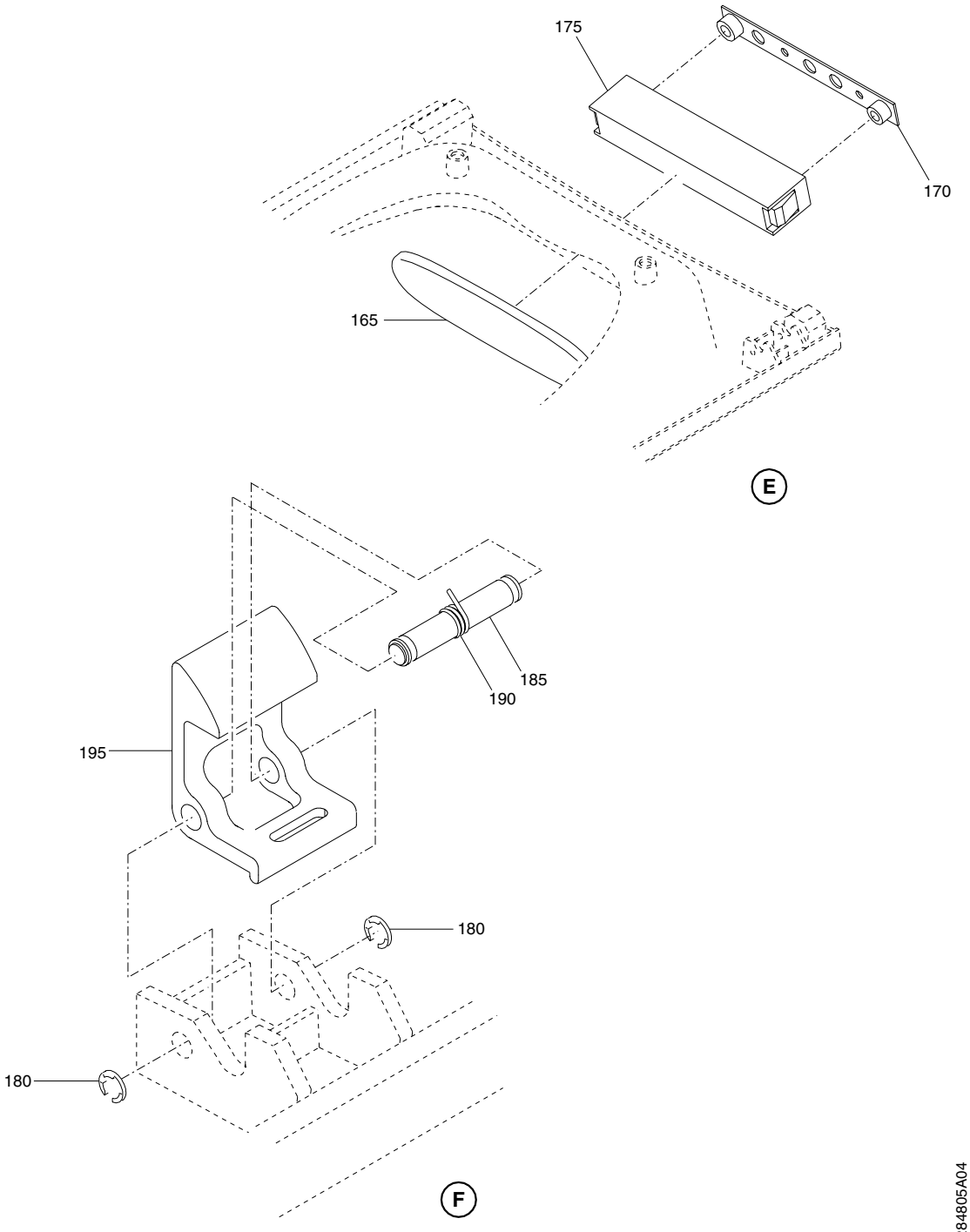
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5A/GRAPHIC 25-28-48-99b-016-A01



Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5A/GRAPHIC 25-28-48-99b-016-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5A/GRAPHIC 25-28-48-99b-016-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5A/GRAPHIC 25-28-48-99b-016-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5A – 1	9326101-103		PANEL ASSY, LH SPEAKER/NS/FSB (W/O SPEAKER) SEE FIG. 1L FOR NHA	A	RF
– 1A	9326101-104		PANEL ASSY, RH SPEAKER/NS/FSB (W/O SPEAKER) SEE FIG. 1L FOR NHA	B	RF
– 5	9326101-104		PANEL ASSY, RH SPEAKER/NS/FSB (W/O SPEAKER) (MOVED TO ITEM -1A)	B	D
– 10	NAS1801-04-5		. SCREW SUPSD BY ITEM 10A		4
10A	NAS1801-04-6		. SCREW SUPSDS ITEM -10		4
– 15	NAS620-6L		. WASHER SUPSD BY ITEM 15A		8
15A	NAS620-4L		. WASHER SUPSDS ITEM -15		8
20	MS21042L04		. NUT		4
25	MS3367-4-9		. CABLE TIE		2
– 30	9326730-509		. WIRE HARNESS ASSY	A	1
– 30A	9326730-511		. WIRE HARNESS ASSY	B	1
– 35	9326730-511		. WIRE HARNESS ASSY (MOVED TO ITEM -35A)	B	D
– 40	BVD00E0207PN		. . CONNECTOR SUPSD BY ITEM -40A		1
– 40A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN) SUPSDS ITEM -40		1
– 45	MS25036-101		. . TERMINAL LINK		3
– 50	9326225-509		. LANYARD ASSY		1
– 55	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 55A		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5A 55A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -55		2
60	95390A316		. . RING, SPLIT (V3A054)		1
– 65	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 65A		AR
65A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -65		AR
70	NAS1096-1-6		. SCREW		1
75	NAS1149DN616K		. WASHER		1
80	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
85	9326225-3		. BRACKET (LANYARD MOUNT)	A	1
– 85A	9326238-1		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM 85)	A	1
– 85B	9326225-4		. BRACKET (LANYARD MOUNT)	B	1
– 85C	9326238-2		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM -85B)	B	1
– 90	9326225-4		. BRACKET (LANYARD MOUNT) (MOVED TO ITEM -85B)	B	D
– 90A	9326238-2		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM -90) (MOVED TO ITEM -85C)	B	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5A 95	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
			ATTACHING PARTS		
100	NAS1096-1-5		. SCREW		1
105	NAS1149DN616K		. WASHER		2
110	MS21042L06		. NUT		1
			* * *		
115	9326239-501		. BRACKET ASSY	A	1
– 115A	9326238-1		. BRACKET (ALT PN TO ITEM 115)	A	1
– 115B	9326239-502		. BRACKET ASSY	B	1
– 115C	9326238-2		. BRACKET (ALT PN TO ITEM -115B)	B	1
– 120	9326239-502		. BRACKET ASSY (MOVED TO ITEM -115B)	B	D
– 120A	9326238-2		. BRACKET (ALT PN TO ITEM -120) (MOVED TO ITEM -115C)	B	D
			ATTACHING PARTS		
125	NAS1096-1-5		. SCREW		3
130	NAS1149DN616K		. WASHER		3
			* * *		
135	9326224-1		. FOAM, CLOSEOUT		1
140	9326223-1		. CLOTH, SPEAKER		1
145	9326221-1		. GRILL, SPEAKER		1
150	94807A024		. SPEED NUT (V3A054) (PUSH ON)		1

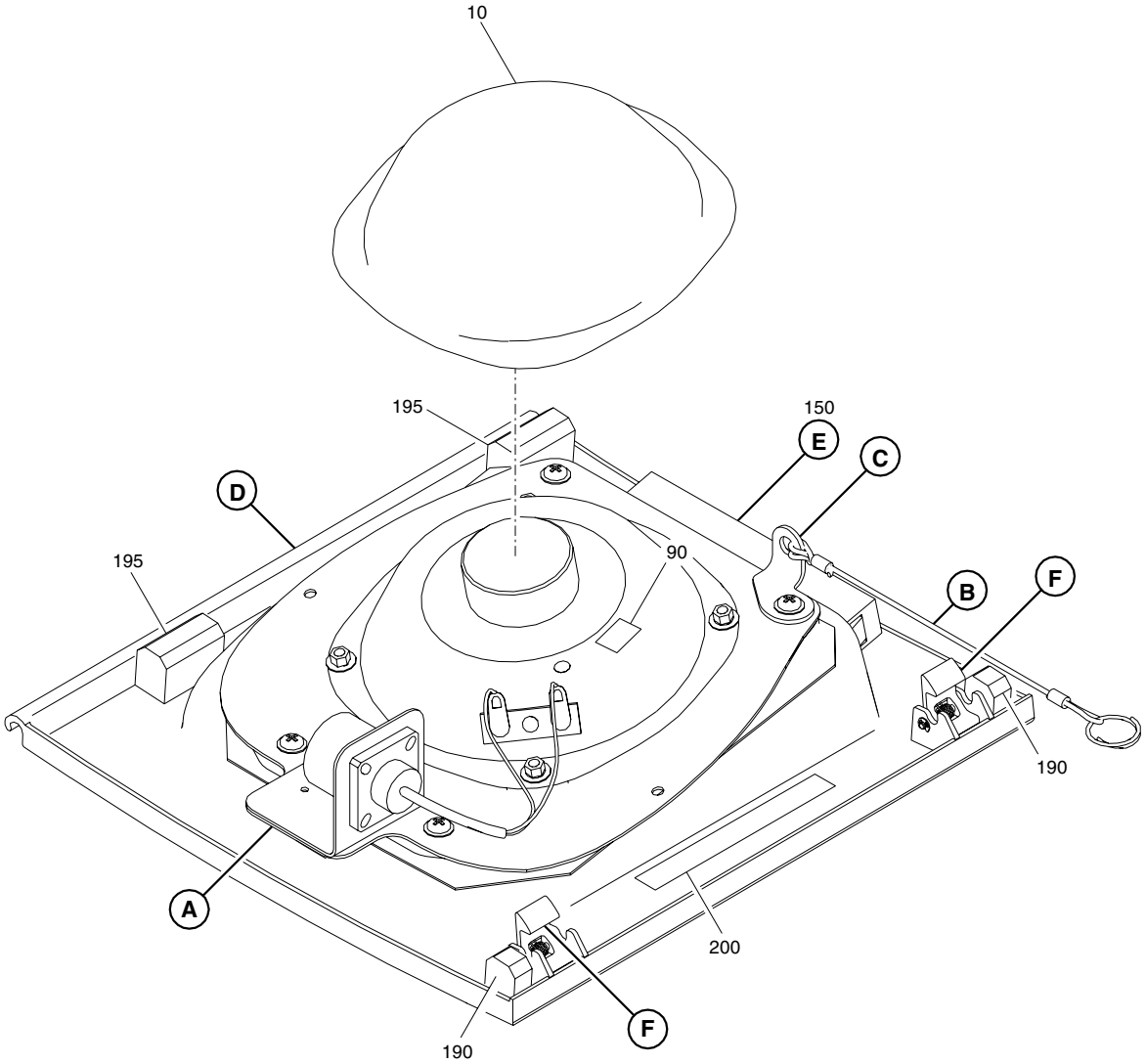
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5A – 150A	C00720-012-4		. SPEED NUT (V78553) (ALT PN TO ITEM 150)		1
155	CD1275SN1		. PLACARD (BONDED) (TRUE PN CD 1275-'SN1')		1
– 155A	RUBBERSTAMP		. PLACARD (BONDED) (ALT PN TO ITEM 155)		1
160	6441100-501		. SIGN ASSY, NS/FSB		1
165	6441102-1		. . LENS (BONDED)		1
170	6441106-501		. . PCB ASSY		1
175	6441108-501		. . HOUSING ASSY		1
180	MS16633-4009		. RING, RETAINING		4
185	7271023-1		. PIN, PSU LATCH		2
– 185A	MS20470B3-13		. PIN (ALT PN TO ITEM 185)		2
190	T025-180-140L		. SPRING, TORSION (V74197)		2
195	7271022-1		. LATCH		2
– 195A	7271022-3		. CATCH, PSU LATCH (ALT PN TO ITEM 195)		2
200	9326101-1		. PAD (BONDED)		2
– 200A	9326115-1		. BUMPER (BONDED) (ALT PN TO ITEM 200)		2
205	9326101-3		. PAD (BONDED)		2
– 205A	9326115-1		. BUMPER (BONDED) (ALT PN TO ITEM 205)		2
210	9326201-501		. PANEL ASSY	A	1

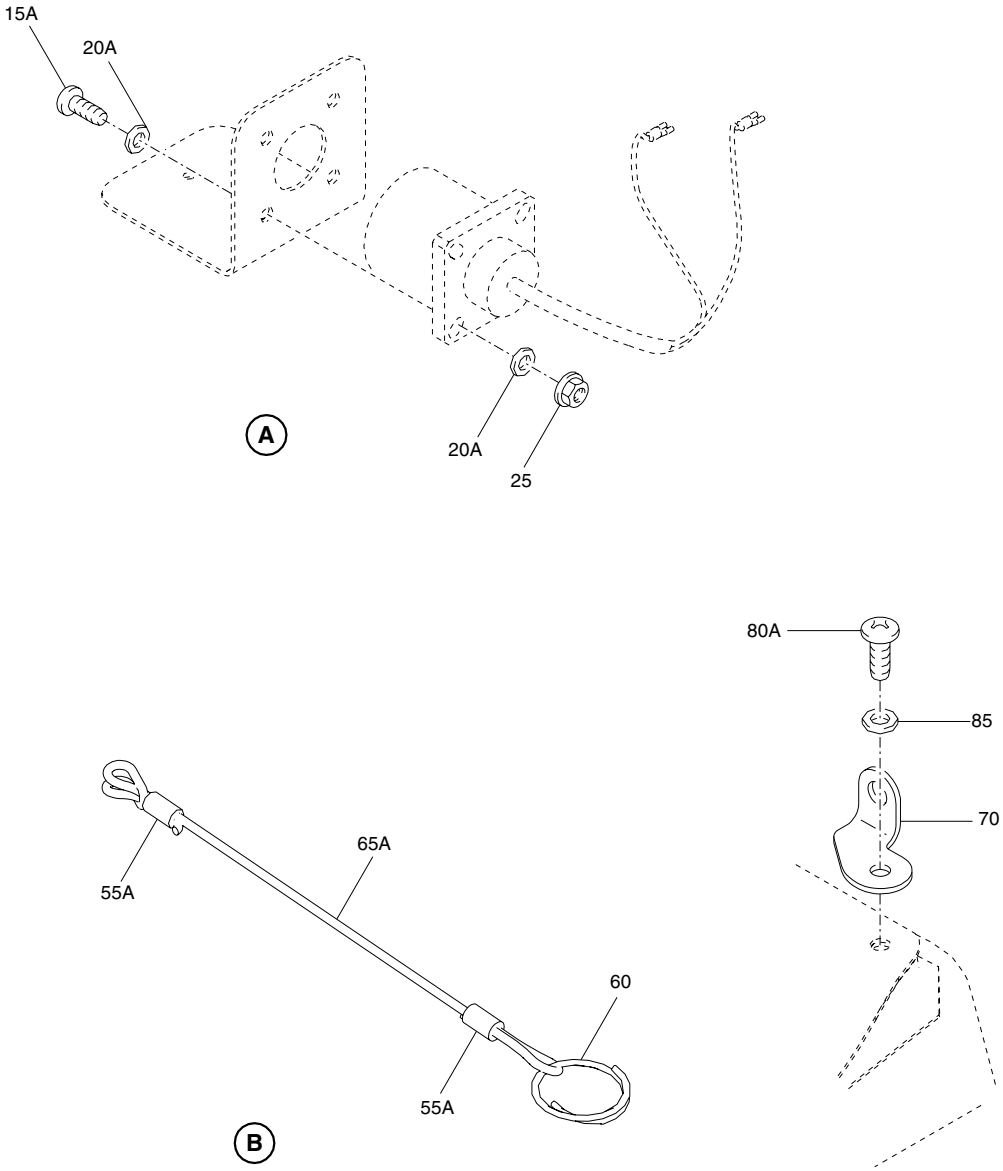
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5A – 210A	9326201-502		. PANEL ASSY	B	1
– 211	6035-06BR150		. . DELETED (INC BY MISTAKE)	A	D
– 212	9326201-1		. . DELETED (INC BY MISTAKE)	A	D
– 215	9326201-502		. PANEL ASSY (MOVED TO ITEM -210A)	B	D
– 220	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 225	9326201-1		. . PANEL	A	1
– 225A	9326201-2		. . PANEL	B	1
– 230	9326201-2		. . PANEL (MOVED TO ITEM -225A)	B	D

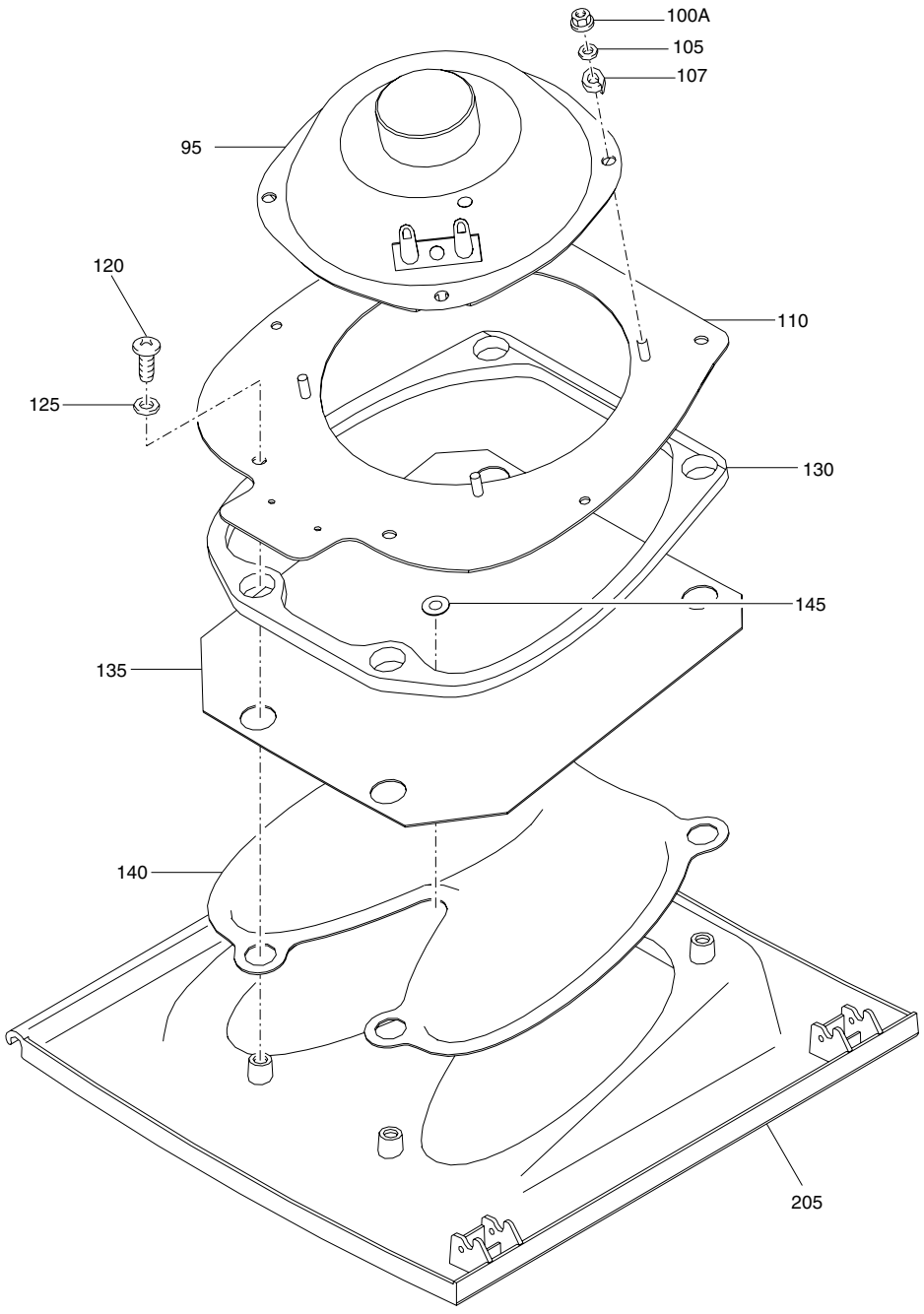
– ITEM NOT ILLUSTRATED



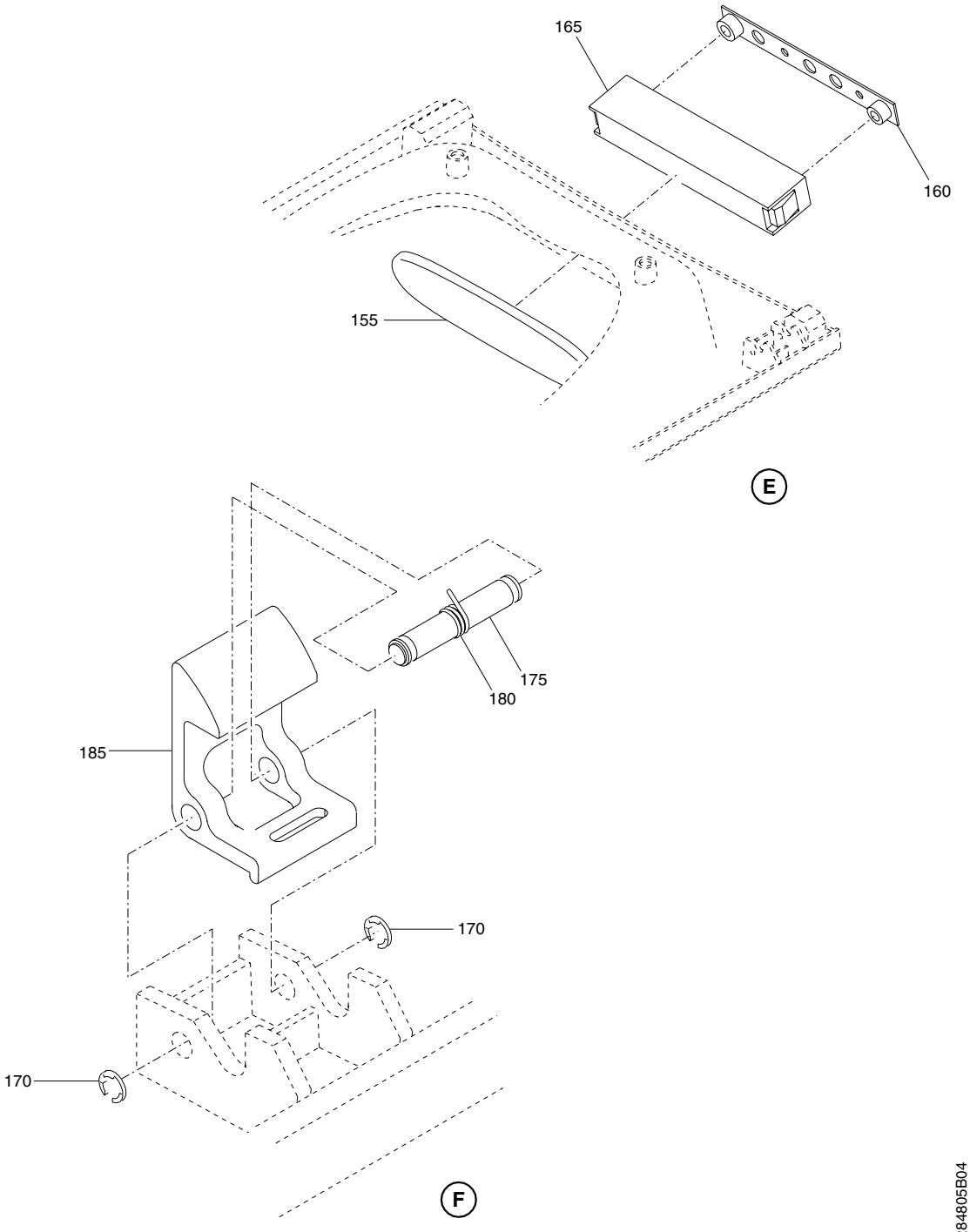
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5B/GRAPHIC 25-28-48-99b-017-A01



Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5B/GRAPHIC 25-28-48-99b-017-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5B/GRAPHIC 25-28-48-99b-017-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5B/GRAPHIC 25-28-48-99b-017-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5B – 1	9326101-105		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP NS/FSB) SEE FIG. 1L FOR NHA	A	RF
– 1A	9326101-109		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP NS/FSB)	C	RF
– 1B	9326101-106		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) SEE FIG. 1L FOR NHA	B	RF
– 1C	9326101-110		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB)	D	RF
– 5	9326101-106		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) (MOVED TO ITEM -1B)	B	D
– 5A	9326101-110		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) (MOVED TO ITEM -1C)	D	D
10	7271037-501		. INSULATION ASSY, SPEAKER (BONDED)		1
– 10A	7272037-501		. INSULATION ASSY, SPEAKER (BONDED) (ALT PN TO ITEM 10)		1
– 15	NAS1801-04-5		. SCREW SUPSD BY ITEM 15A		4
15A	NAS1801-04-6		. SCREW SUPSDS ITEM -15		4
– 20	NAS620-6L		. WASHER SUPSD BY ITEM 20A		8
20A	NAS620-4L		. WASHER SUPSDS ITEM -20		8
25	MS21042L04		. NUT		4
– 30	9326730-513		. WIRE HARNESS ASSY	A,C	1
– 30A	9326730-515		. WIRE HARNESS ASSY	B,D	1
– 35	9326730-515		. WIRE HARNESS ASSY (MOVED TO ITEM -30A)	B,D	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5B – 40	BVD00E0207PN		. . CONNECTOR SUPSD BY ITEM -40A		1
– 40A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN) SUPSDS ITEM -40		1
– 45	640174-1		. . RECEPTACLE		2
– 50	9326225-509		. LANYARD ASSY		1
– 55	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 55A		2
55A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -55		2
60	95390A316		. . RING, SPLIT (V3A054)		1
– 65	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 65A		AR
65A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -65		AR
70	9326225-3		. BRACKET (LANYARD MOUNT)	A,C	1
– 70A	9326238-1		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM 70)	A-C	1
– 70B	9326225-4		. BRACKET (LANYARD MOUNT)	B,D	1
– 70C	9326238-2		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM -70B)	B,D	1
– 75	9326225-4		. BRACKET (LANYARD MOUNT) (MOVED TO ITEM -70B)	B,D	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5B – 75A	9326238-2		. BRACKET (LANYARD MOUNT) (ALT PN TO ITEM 75) (MOVED TO ITEM -70C)	B,D	D
			ATTACHING PARTS		
– 80	NAS1096-1-6		. SCREW SUPSD BY ITEM 80A		1
80A	NAS1096-1-5		. SCREW SUPSDS ITEM -80		1
85	NAS1149DN616K		. WASHER		1
			* * *		
90	CD1275SPK1		. PLACARD (BONDED) (TRUE PN CD 1275-'SPK1')		1
– 90A	RUBBERSTAMP		. PLACARD (BONDED) (ALT PN TO ITEM 90)		1
95	SCD130-14-1		. SPEAKER (V30242)	A,B	1
– 95A	SCD130-14-2		. SPEAKER (V30242)	C,D	1
			ATTACHING PARTS		
– 100	MS21042L08		. NUT SUPSD BY ITEM 100A		4
100A	MS35649-282		. NUT SUPSDS ITEM -100		4
105	NAS1149FN832P		. WASHER		4
107	MS35338-42		. WASHER		4
			* * *		
110	9326239-501		. BRACKET ASSY	A,C	1
– 110A	9326239-1		. DELETED	A,C	D
– 110B	9326238-1		. BRACKET (ALT PN TO ITEM 110)	A,C	1

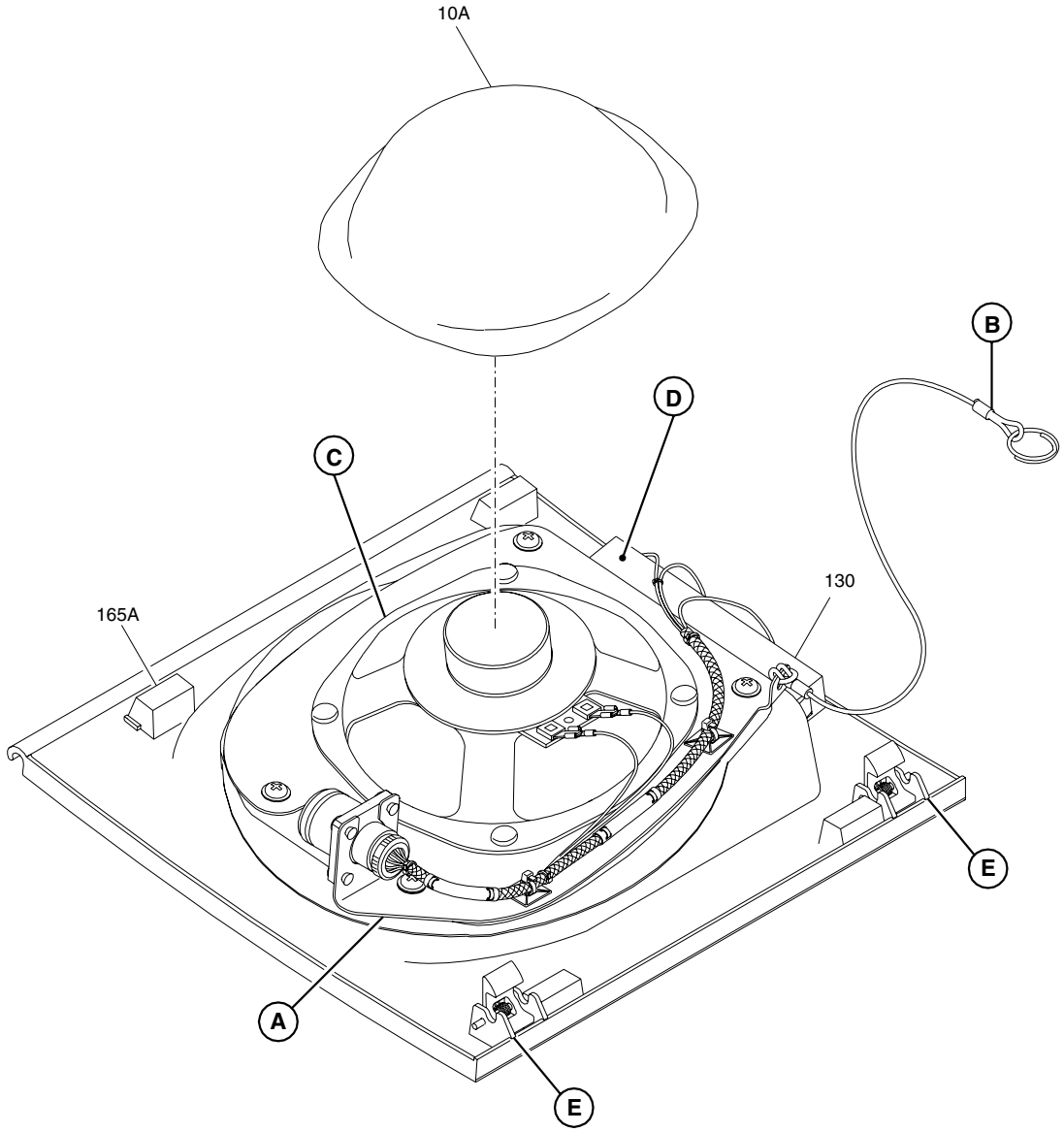
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5B – 110C	9326239-502		. BRACKET ASSY	B,D	1
– 110D	9326238-2		. BRACKET (ALT PN TO ITEM -110C)	B,D	1
– 115	9326239-502		. BRACKET ASSY (MOVED TO ITEM -110C)	B,D	D
– 115A	9326238-2		. BRACKET (ALT PN TO ITEM -115) (MOVED TO ITEM -110D)	B,D	D
			ATTACHING PARTS		
120	NAS1096-1-5		. SCREW		3
125	NAS1149DN616K		. WASHER		3
			* * *		
130	9326224-1		. FOAM, CLOSEOUT		1
135	9326223-1		. CLOTH, SPEAKER		1
140	9326221-1		. GRILL, SPEAKER		1
145	94807A024		. SPEED NUT (V3A054) (PUSH ON)		1
– 145A	C00720-012-4		. SPEED NUT (V78553) (ALT PN TO ITEM 145)		1
150	6441100-501		. SIGN ASSY, NS/FSB		1
155	6441102-1		. . LENS (BONDED)		1
160	6441106-501		. . PCB ASSY		1
165	6441108-501		. . HOUSING ASSY		1
170	MS16633-4009		. RING, RETAINING		4
175	7271023-1		. PIN, PSU LATCH		2
– 175A	MS20470B3-13		. PIN (ALT PN TO ITEM 175)		2
180	T025-180-140L		. SPRING, TORSION (V74197)		2

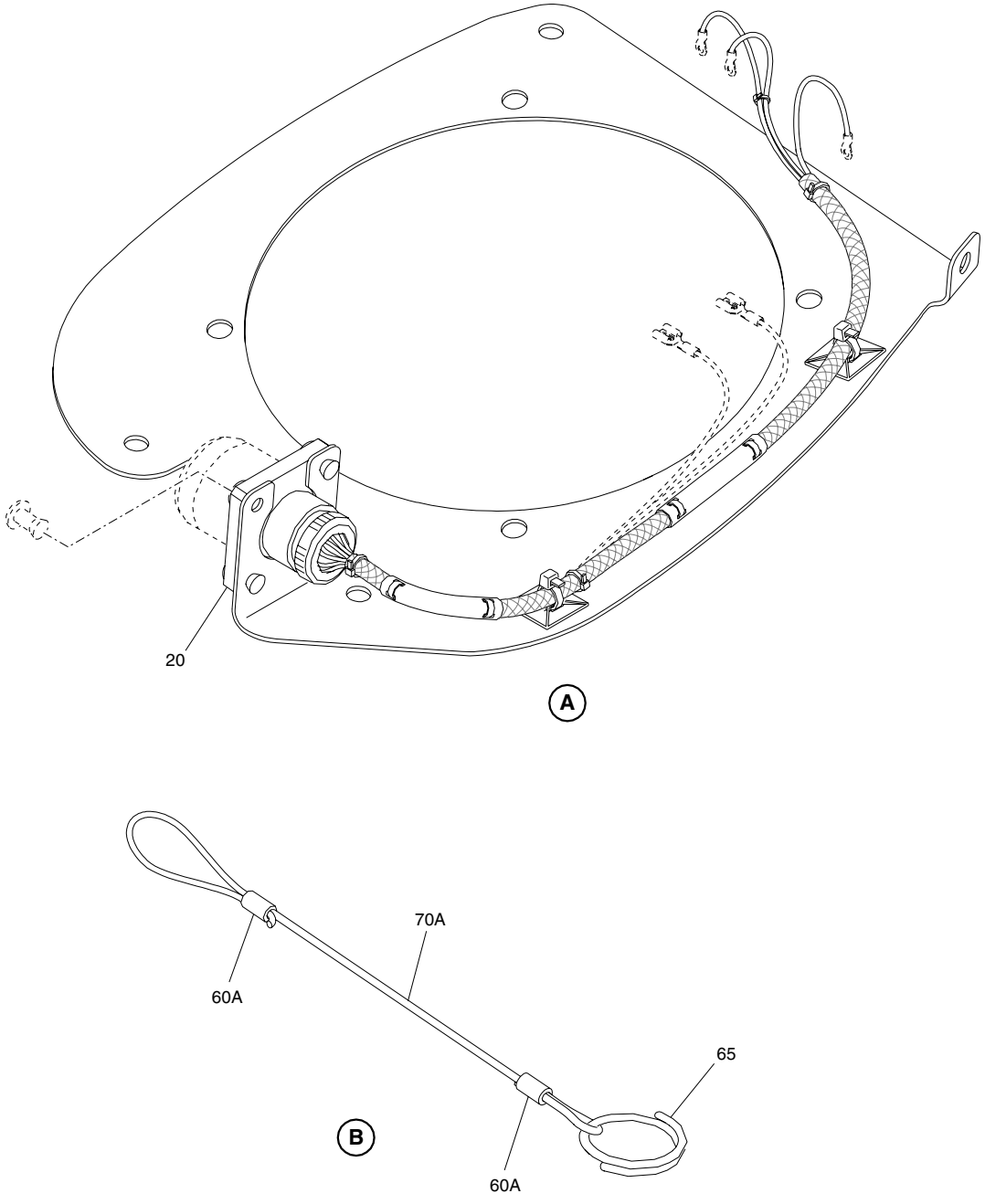
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5B 185	7271022-1		. LATCH		2
– 185A	7271022-3		. CATCH, PSU LATCH (ALT PN TO ITEM 185)		2
190	9326101-1		. PAD (BONDED)		2
– 190A	9326115-1		. BUMPER (BONDED) (ALT PN TO ITEM 190)		2
195	9326101-3		. PAD (BONDED)		2
– 195A	9326115-1		. BUMPER (BONDED) (ALT PN TO ITEM 195)		2
200	9326735-1		. PLACARD (BONDED)		1
205	9326201-501		. PANEL ASSY	A,C	1
– 205A	9326201-502		. PANEL ASSY	B,D	1
– 210	9326201-502		. PANEL ASSY (MOVED TO ITEM -205A)	B,D	D
– 215	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 217	9326201-1		. . PANEL	A,C	1
– 217A	9326201-2		. . PANEL	B,D	1
– 218	9326201-2		. . PANEL (MOVED TO ITEM -217A)	B,D	D
– 220	MS3367-4-9		. DELETED		D
– 225	MS16633-4009		. DELETED		D

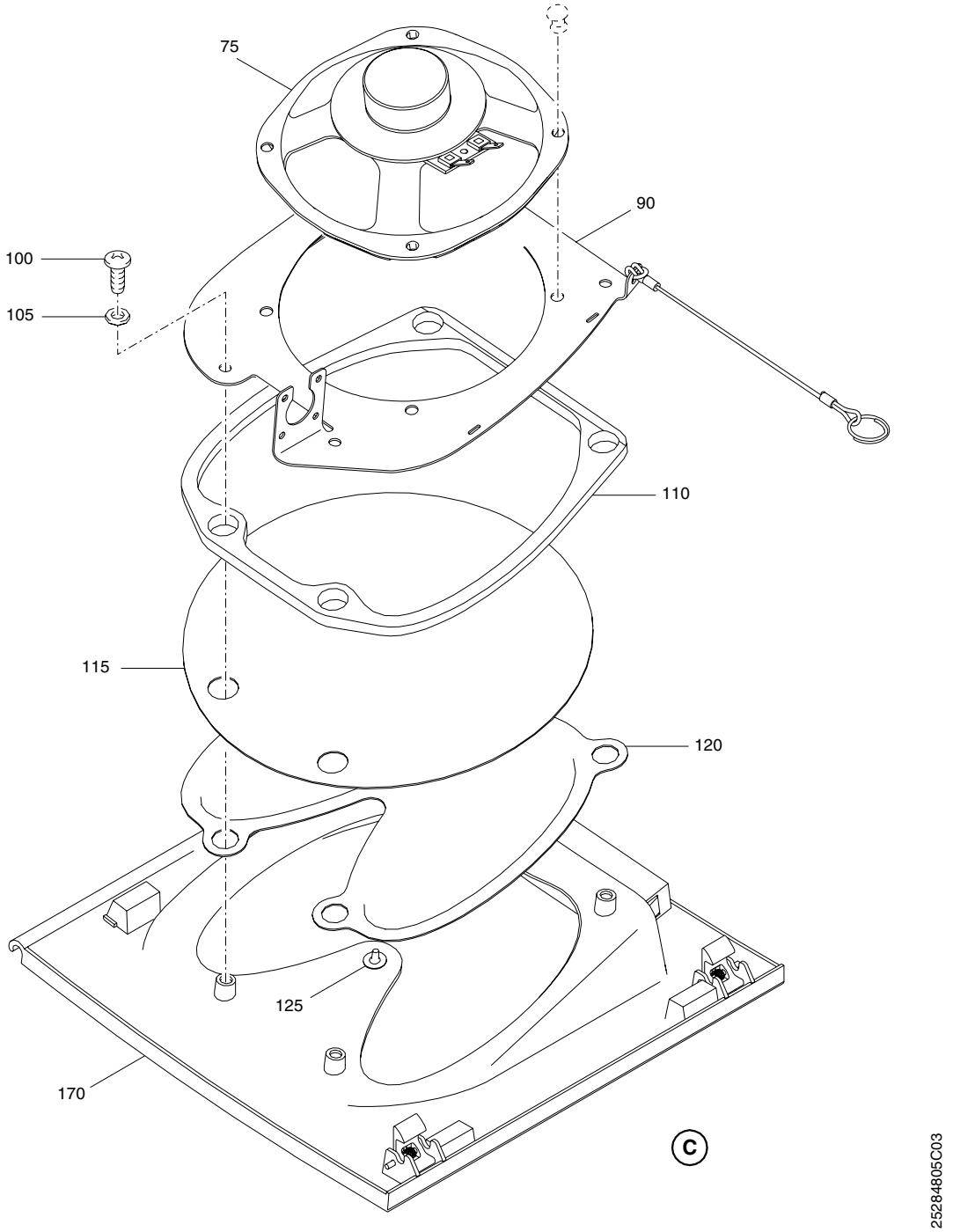
– ITEM NOT ILLUSTRATED



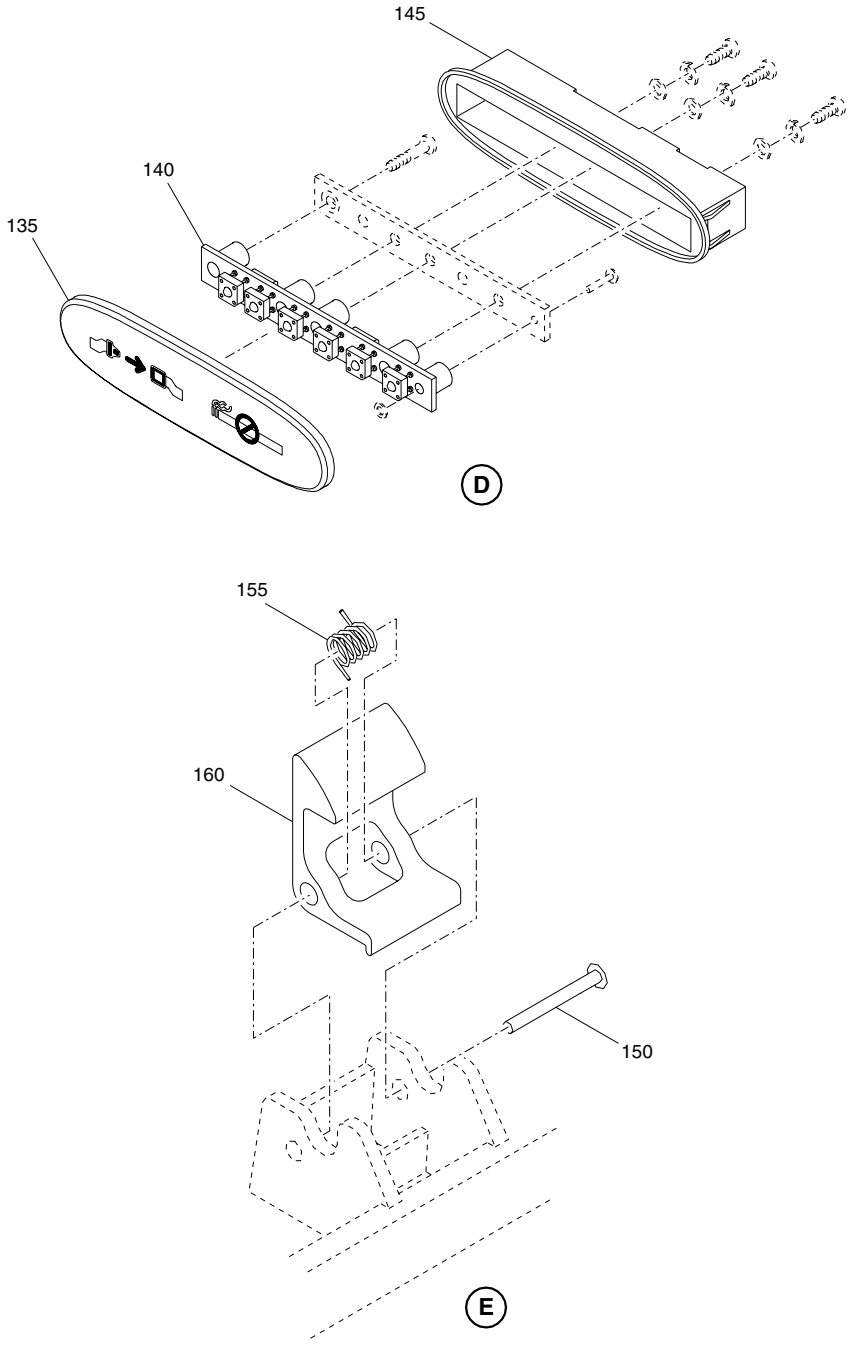
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5C/GRAPHIC 25-28-48-99b-018-A01



Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5C/GRAPHIC 25-28-48-99b-018-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5C/GRAPHIC 25-28-48-99b-018-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5C/GRAPHIC 25-28-48-99b-018-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C – 1	9326116-101		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSD BY ITEM -1B	A	RF
– 1A	9326116-107		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSD BY ITEM -1C	B	RF
– 1B	9326116-121		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSDS ITEM -1	C	RF
– 1C	9326116-127		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSDS ITEM -1A	D	RF
– 1D	9326116-111		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSD BY ITEM -1F	E	RF
– 1E	9326116-117		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSD BY ITEM -1G	F	RF
– 1F	9326116-131		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSDS ITEM -1D	G	RF
– 1G	9326116-137		PANEL ASSY, LH SPEAKER/ NS/FSB SUPSDS ITEM -1E	H	RF
– 1H	9326116-102		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSD BY ITEM -1K	J	RF
– 1J	9326116-108		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSD BY ITEM -1L	K	RF
– 1K	9326116-122		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSDS ITEM -1H	L	RF
– 1L	9326116-128		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSDS ITEM -1J	M	RF
– 1M	9326116-112		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSD BY ITEM -1P	N	RF
– 1N	9326116-118		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSD BY ITEM -1Q	P	RF
– 1P	9326116-132		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSDS ITEM -1M	Q	RF
– 1Q	9326116-138		PANEL ASSY, RH SPEAKER/ NS/FSB SUPSDS ITEM -1N	R	RF
– 1R	9326130-101		PANEL ASSY, LH SPEAKER/WI-FI/NS/FSB	S	RF

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C – 1S	9326130-102		PANEL ASSY, RH SPEAKER/WI-FI/NS/FSB	T	RF
– 1T	9326130-103		PANEL ASSY, LH SPEAKER/WI-FI/NS/FSB	U	RF
– 1U	9326130-104		PANEL ASSY, RH SPEAKER/WI-FI/NS/FSB	V	RF
– 1V	9326130-105		PANEL ASSY, LH SPEAKER/WI-FI/NS/FSB	W	RF
– 1W	9326130-106		PANEL ASSY, RH SPEAKER/WI-FI/NS/FSB	X	RF
– 5	9326116-102		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1H) SUPSD BY ITEM -5B	J	D
– 5A	9326116-108		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1J) SUPSD BY ITEM -5C	K	D
– 5B	9326116-122		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1K) SUPSDS ITEM -5	L	D
– 5C	9326116-128		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1L) SUPSDS ITEM -5A	M	D
– 5D	9326116-112		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1M) SUPSD BY ITEM -5F	N	D
– 5E	9326116-118		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1N) SUPSD BY ITEM -5G	P	D
– 5F	9326116-132		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1P) SUPSDS ITEM -5D	Q	D
– 5G	9326116-138		PANEL ASSY, RH SPEAKER/ NS/FSB (MOVED TO ITEM -1Q) SUPSDS ITEM -5E	R	D
– 10	7271037-501		. INSULATION ASSY, SPEAKER (BONDED) SUPSD BY ITEM 10A	A,B,E,F, J,K,N,P	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C 10A	7272037-501		. INSULATION ASSY, SPEAKER (BONDED) SUPSDS ITEM -10	A-T,W,X	1
– 10B	7272037-501		. DELETED		D
– 15	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
20	170-45514-001		. PAD, CONNECTOR		1
– 25	MS3367-4-9		. CABLE TIE	A-V	2
– 30	9326730-505		. WIRE HARNESS ASSY	A-H,S	1
– 30A	9326730-507		. WIRE HARNESS ASSY	J-R,T	1
– 30B	9326730-509		. WIRE HARNESS ASSY	U	1
– 30C	9326730-511		. WIRE HARNESS ASSY	V	1
– 30D	9326730-513		. WIRE HARNESS ASSY	W	1
– 30E	9326730-515		. WIRE HARNESS ASSY	X	1
– 35	9326730-507		. WIRE HARNESS ASSY (MOVED TO ITEM -30A)	J-R	D
– 40	BVD00E0207PN		. . CONNECTOR SUPSD BY ITEM -40A		1
– 40A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN) SUPSDS ITEM -40		1
– 45	640174-1		. . RECEPTACLE	A-T,W,X	D
– 50	MS25036-101		. . TERMINAL LINK	A-T,X	D
– 55	9326225-511		. LANYARD ASSY	A-R	1
– 55A	9326261-501		. LANYARD ASSY	S-X	1
– 60	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 60A	A-R	2
60A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -60	A-R	2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C – 60B	3896T1		. . OVAL SLEEVE (V3A054)	S-X	2
65	86805T34		. . RING, SPLIT (V3A054)	A-R	1
– 65A	3960T1		. . SNAP, SPRING (V3A054)	S-X	1
– 70	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 70A	A-R	AR
70A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -70		AR
75	SCD130-14-1		. SPEAKER (V30242)	A,C,E,G J,L,N,Q, S,T,W,X	1
– 75A	SCD130-14-2		. SPEAKER (V30242)	B,D,F,H, K,M,P,R	1
– 80	SCD130-14-2		. SPEAKER (V30242) (MOVED TO ITEM -75A)	B,D,F,H, K,M,P,R	D
			ATTACHING PARTS		
– 85	SRV0-5095		. RIVET, SNAP (V6B3V9)	A-T,W,X	4
			* * *		
90	9326238-1		. BRACKET	A-H,S, U,W	1
– 90A	9326238-2		. BRACKET	J-R,T, V,X	1
– 95	9326238-2		. BRACKET (MOVED TO ITEM -90A)	J-R	D
			ATTACHING PARTS		
100	NAS1096-1-5		. SCREW		4
105	NAS1149DN616K		. WASHER		4
			* * *		

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C 110	9326224-1		. FOAM, CLOSEOUT		1
115	9326223-1		. CLOTH, SPEAKER		1
120	9326221-1		. GRILL, SPEAKER	A-R	1
– 120A	9326221-3		. GRILL, SPEAKER	S,T	1
125	94807A024		. SPEED NUT (V3A054) (PUSH ON)	A-R	1
– 125A	C13000-012-4		. SPEED NUT (V78553) (ALT PN TO ITEM 125)	A-R	1
– 125B	C13000-012-4		. SPEED NUT (V78553)	S-X	1
130	6441100-501		. SIGN ASSY, NS/FSB	A-D, J-M	1
– 130A	6441109-501		. SIGN ASSY, EDFSB	E-H,N-R	1
– 130B	6441120-501		. SIGN ASSY, WI-FI/NS/FSB	S-X	1
– 133	6441109-501		. SIGN ASSY, EDFSB (MOVED TO ITEM -130A)	E-H,N-R	D
135	6441102-1		. . LENS (BONDED)	A-D, J-M	1
– 135A	6441114-1		. . LENS (BONDED)	E-H,N-R	1
– 135B	6441121-1		. . LENS (BONDED)	S-X	1
– 137	6441114-1		. . LENS (BONDED) (MOVED TO ITEM -135A)	E-H,N-R	D
140	6441106-501		. . PCB ASSY	A-D, J-M	1
– 140A	6441112-501		. . PCB ASSY	E-H,N-R	1
– 140B	6441112-503		. . PCB ASSY	S-X	1
– 142	6441112-501		. . PCB ASSY (MOVED TO ITEM -140A)	E-H,N-R	D

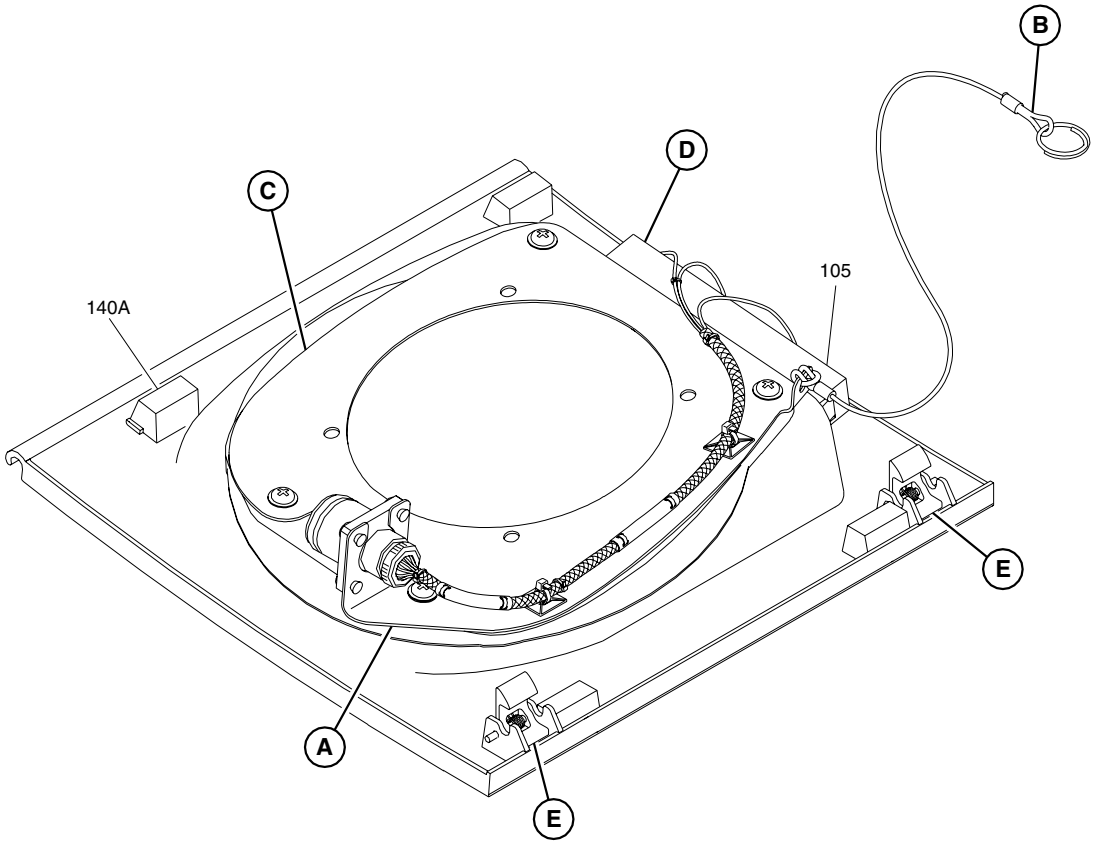
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C – 143	7271045-3		. . BUMPER (BONDED)	S-X	1
145	6441108-501		. . HOUSING ASSY	A-D, J-M	1
– 145A	6441115-501		. . HOUSING ASSY	E-H,N-R	1
– 145B	6441122-501		. . HOUSING ASSY	S-X	1
– 147	6441115-501		. . HOUSING ASSY (MOVED TO ITEM -145A)	E-H,N-R	D
150	MS20470B3-13		. PIN		2
155	T025-180-140L		. SPRING, TORSION (V74197)		2
160	7271022-3		. CATCH, PSU LATCH		2
– 165	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM 165A	A-R	4
165A	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -165		4
– 165B	CDEX0307-7		. DELETED	A-R	D
– 168	9326735-1		. PLACARD (BONDED)	W,X	1
170	9326201-501		. PANEL ASSY	A-H,S, U,W	1
– 170A	9326201-502		. PANEL ASSY	J-R,T, V,X	1
– 171	6035-06BR150		. . DELETED (INC BY MISTAKE)	A-H	D
– 172	9326201-1		. . DELETED (INC BY MISTAKE)	A-H	D
– 175	9326201-502		. PANEL ASSY (MOVED TO ITEM -170A)	J-R	D
– 180	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 185	9326201-1		. . PANEL	A-H,S, U,W	1

– ITEM NOT ILLUSTRATED

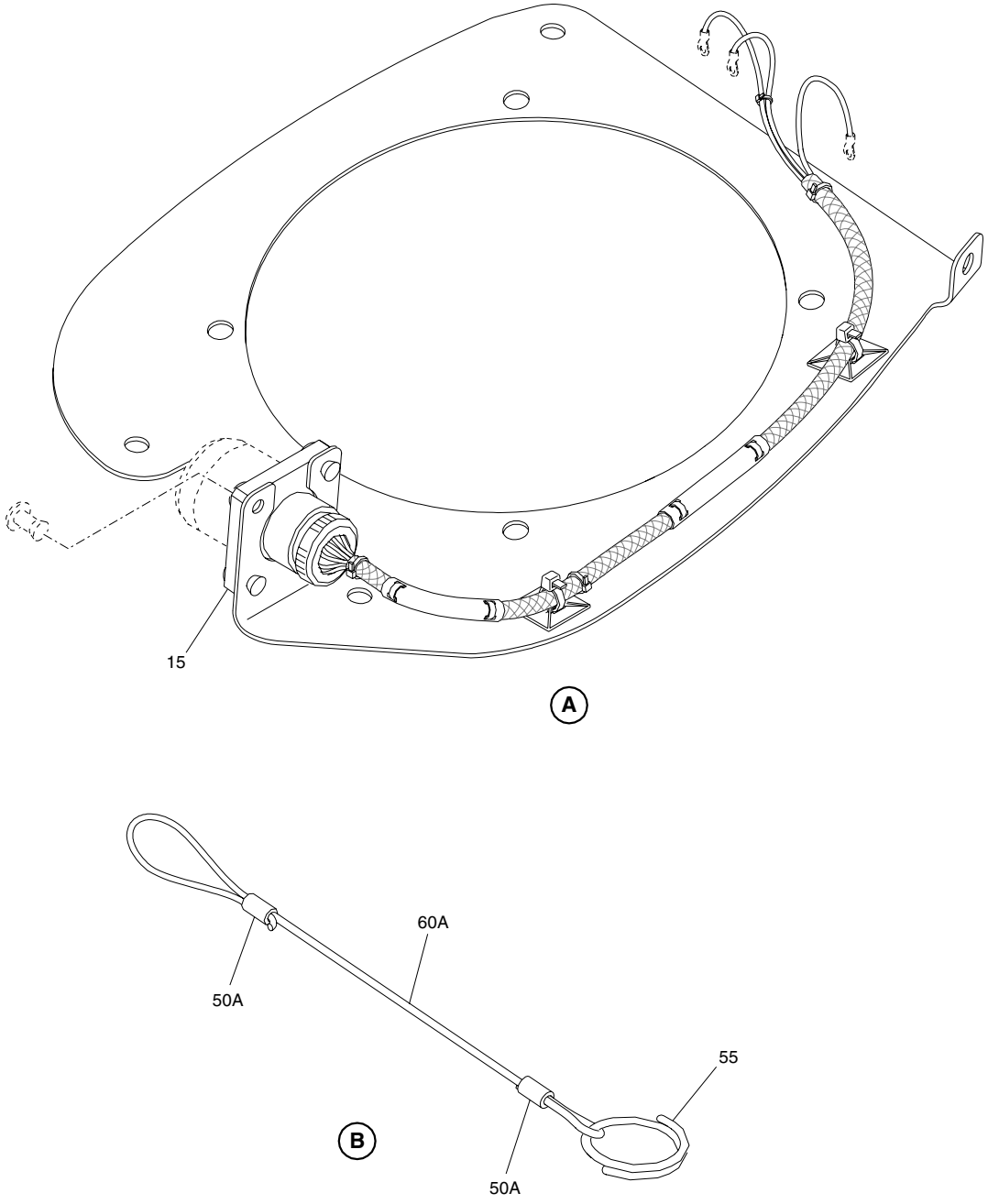
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5C – 185A	9326201-2		. . PANEL	J-R,T, V,X	1
– 190	9326201-2		. . PANEL (MOVED TO ITEM -185A)	J-R	D

– ITEM NOT ILLUSTRATED

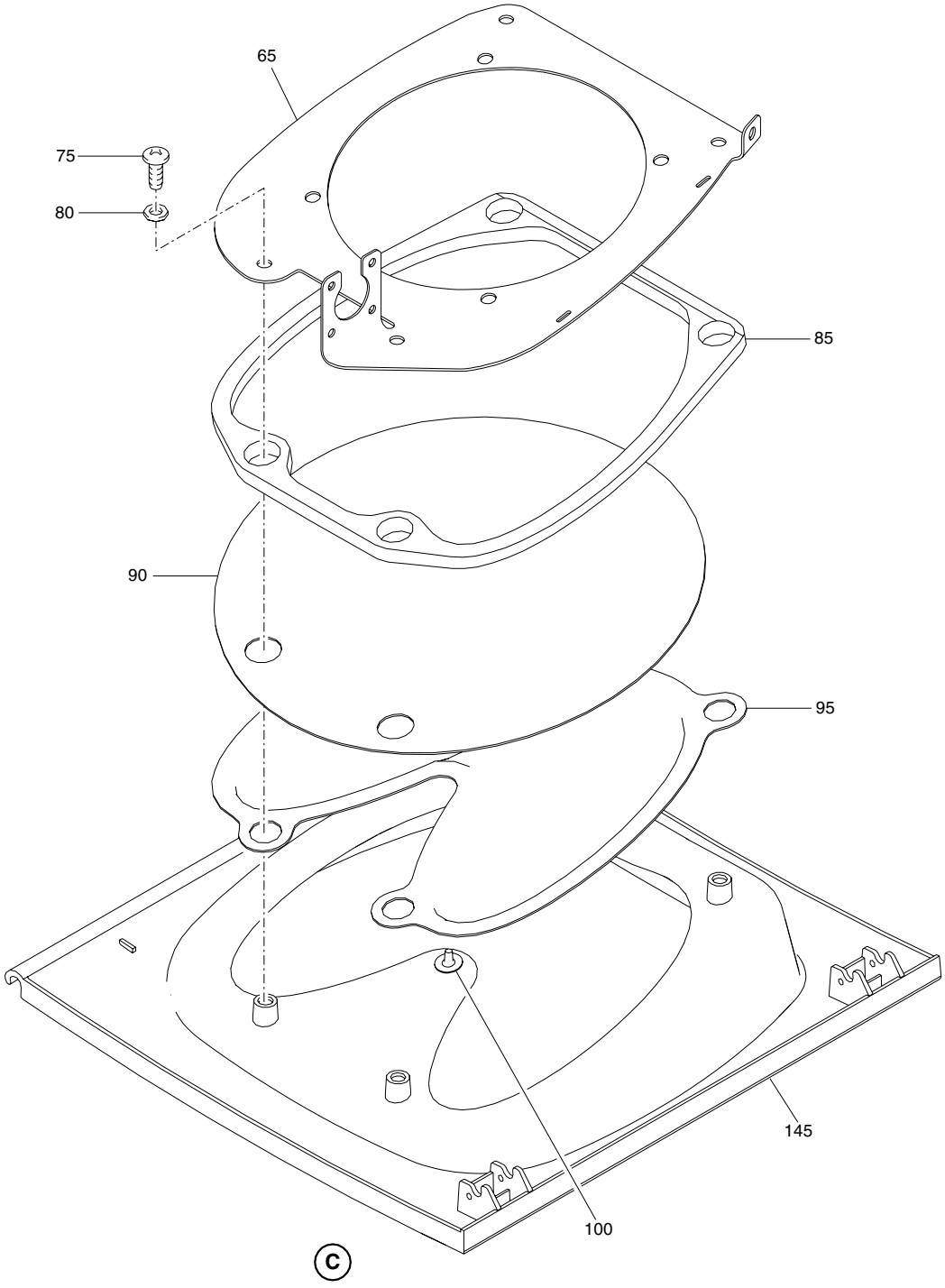


25284805D01

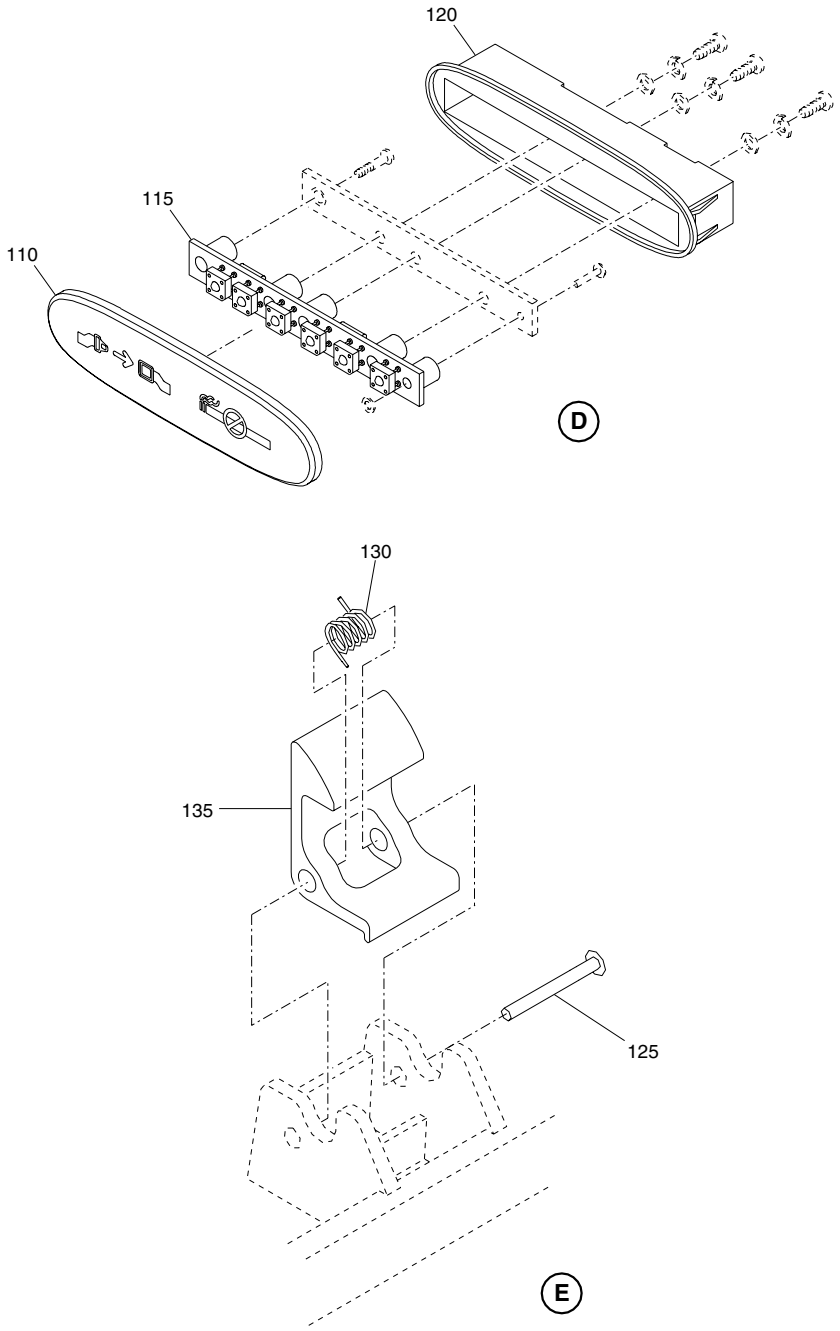
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5D/GRAPHIC 25-28-48-99b-019-A01



Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5D/GRAPHIC 25-28-48-99b-019-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5D/GRAPHIC 25-28-48-99b-019-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5D/GRAPHIC 25-28-48-99b-019-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5D – 1	9326116-103		PANEL ASSY, LH SPEAKER/NS/FSB (W/O SPEAKER)	A	RF
– 1A	9326116-113		PANEL ASSY, LH SPEAKER/NS/FSB (W/O SPEAKER)	C	RF
– 1B	9326116-104		PANEL ASSY, RH SPEAKER/NS/FSB (W/O SPEAKER)	B	RF
– 1C	9326116-114		PANEL ASSY, RH SPEAKER/NS/FSB (W/O SPEAKER)	D	RF
– 5	9326116-104		PANEL ASSY, RH SPEAKER/NS/FSB (W/O SPEAKER) (MOVED TO ITEM -1B)	B	D
– 5A	9326116-114		PANEL ASSY, RH SPEAKER/NS/FSB (W/O SPEAKER) (MOVED TO ITEM -1C)	D	D
– 10	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
15	170-45514-001		. PAD, CONNECTOR		1
– 20	MS3367-4-9		. CABLE TIE		2
– 25	9326730-509		. WIRE HARNESS ASSY	A,C	1
– 25A	9326730-511		. WIRE HARNESS ASSY	B,D	1
– 30	9326730-511		. WIRE HARNESS ASSY (MOVED TO ITEM -25A)	B,D	D
– 35	BVD00E0207PN		. . CONNECTOR		1
– 45A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) SUPSD BY ITEM -35A		1
– 40	MS25036-101		. . DELETED (V77820) (TRUE PN D38999/20JB99PN) SUPSDS ITEM -35		D
– 45	9326225-511		. LANYARD ASSY		1
– 50	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 50A		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5D 50A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -50		2
55	86805T34		. . RING, SPLIT (V3A054)		1
– 60	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 60A		AR
60A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -60		AR
65	9326238-1		. BRACKET	A,C	1
– 65A	9326238-2		. BRACKET	B,D	1
– 70	9326238-2		. BRACKET (MOVED TO ITEM -65A)	B,D	D
			ATTACHING PARTS		
75	NAS1096-1-5		. SCREW		4
80	NAS1149DN616K		. WASHER		4
			* * *		
85	9326224-1		. FOAM, CLOSEOUT		1
90	9326223-1		. CLOTH, SPEAKER		1
95	9326221-1		. GRILL, SPEAKER		1
100	94807A024		. SPEED NUT (V3A054) (PUSH ON)		1
– 100A	C13000-012-4		. SPEED NUT (V78553) (ALT PN TO ITEM 100)		1
105	6441100-501		. SIGN ASSY, NS/FSB	A,B	1
– 105A	6441109-501		. SIGN ASSY, EDFSB	C,D	1
– 107	6441109-501		. SIGN ASSY, EDFSB (MOVED TO ITEM -105A)	C,D	D

– ITEM NOT ILLUSTRATED

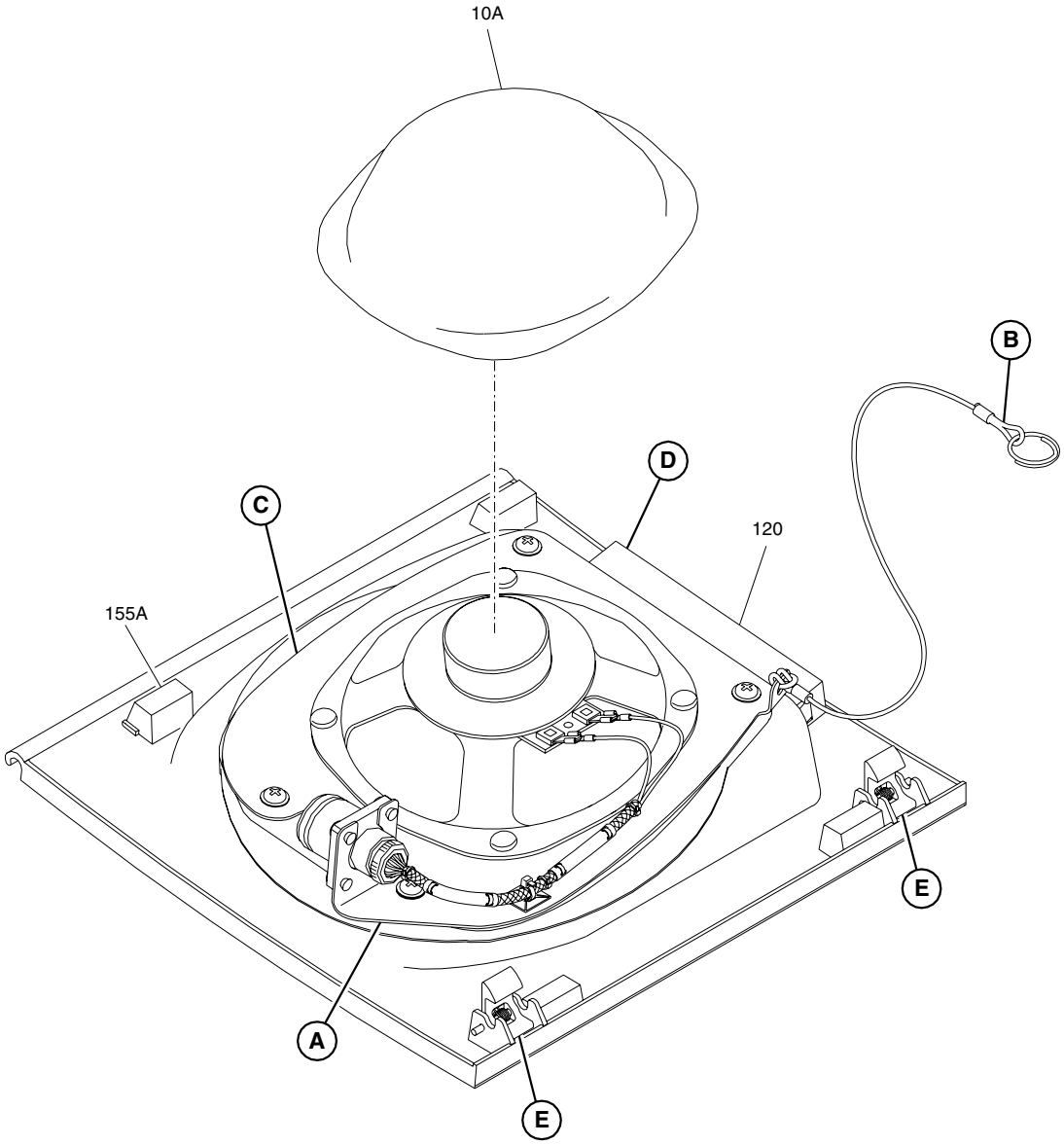
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5D 110	6441102-1		. . LENS (BONDED)	A,B	1
– 110A	6441114-1		. . LENS (BONDED)	C,D	1
– 112	6441114-1		. . LENS (BONDED) (MOVED TO ITEM -110A)	C,D	D
115	6441106-501		. . PCB ASSY	A,B	1
– 115A	6441112-501		. . PCB ASSY	C,D	1
– 117	6441112-501		. . PCB ASSY (MOVED TO ITEM -115A)	C,D	D
120	6441108-501		. . HOUSING ASSY	A,B	1
– 120A	6441115-501		. . HOUSING ASSY	C,D	1
– 123	6441115-501		. . HOUSING ASSY (MOVED TO ITEM -120A)	C,D	D
125	MS20470B3-13		. PIN		2
130	T025-180-140L		. SPRING, TORSION (V74197)		2
135	7271022-3		. CATCH, PSU LATCH		2
– 140	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM 140A		4
140A	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -140		4
– 140B	CDEX0307-7		. DELETED		D
145	9326201-501		. PANEL ASSY	A,C	1
– 145A	9326201-502		. PANEL ASSY	B,D	1
– 146	6035-06BR150		. . DELETED (INC BY MISTAKE)	A,C	D
– 147	9326201-1		. . DELETED (INC BY MISTAKE)	A,C	D
– 150	9326201-502		. PANEL ASSY (MOVED TO ITEM -145A)	B,D	D

– ITEM NOT ILLUSTRATED

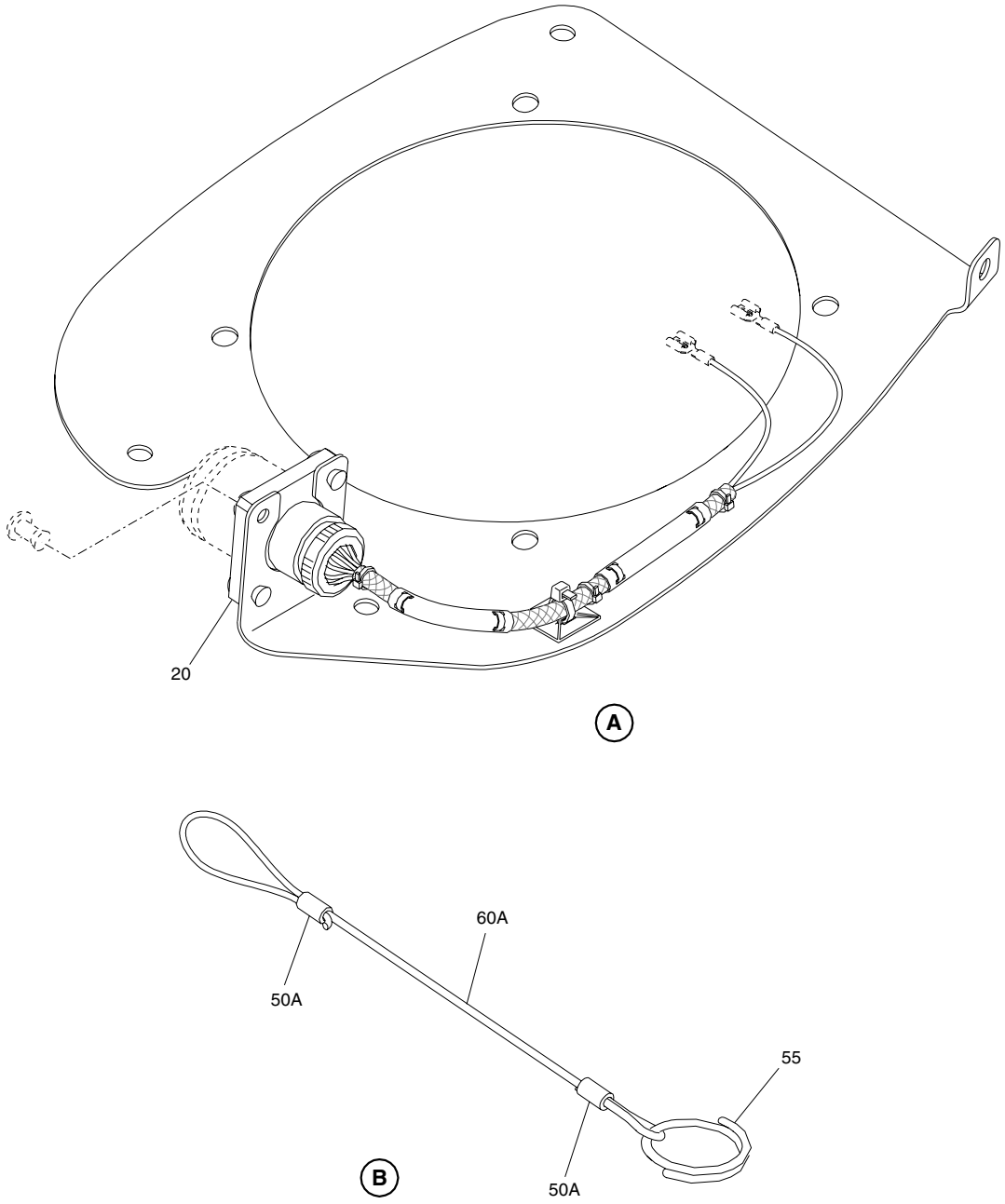
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5D – 155	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 160	9326201-1		. . PANEL	A,C	1
– 160A	9326201-2		. . PANEL	B,D	1
– 165	9326201-2		. . PANEL (MOVED TO ITEM -160A)	B,D	D

– ITEM NOT ILLUSTRATED

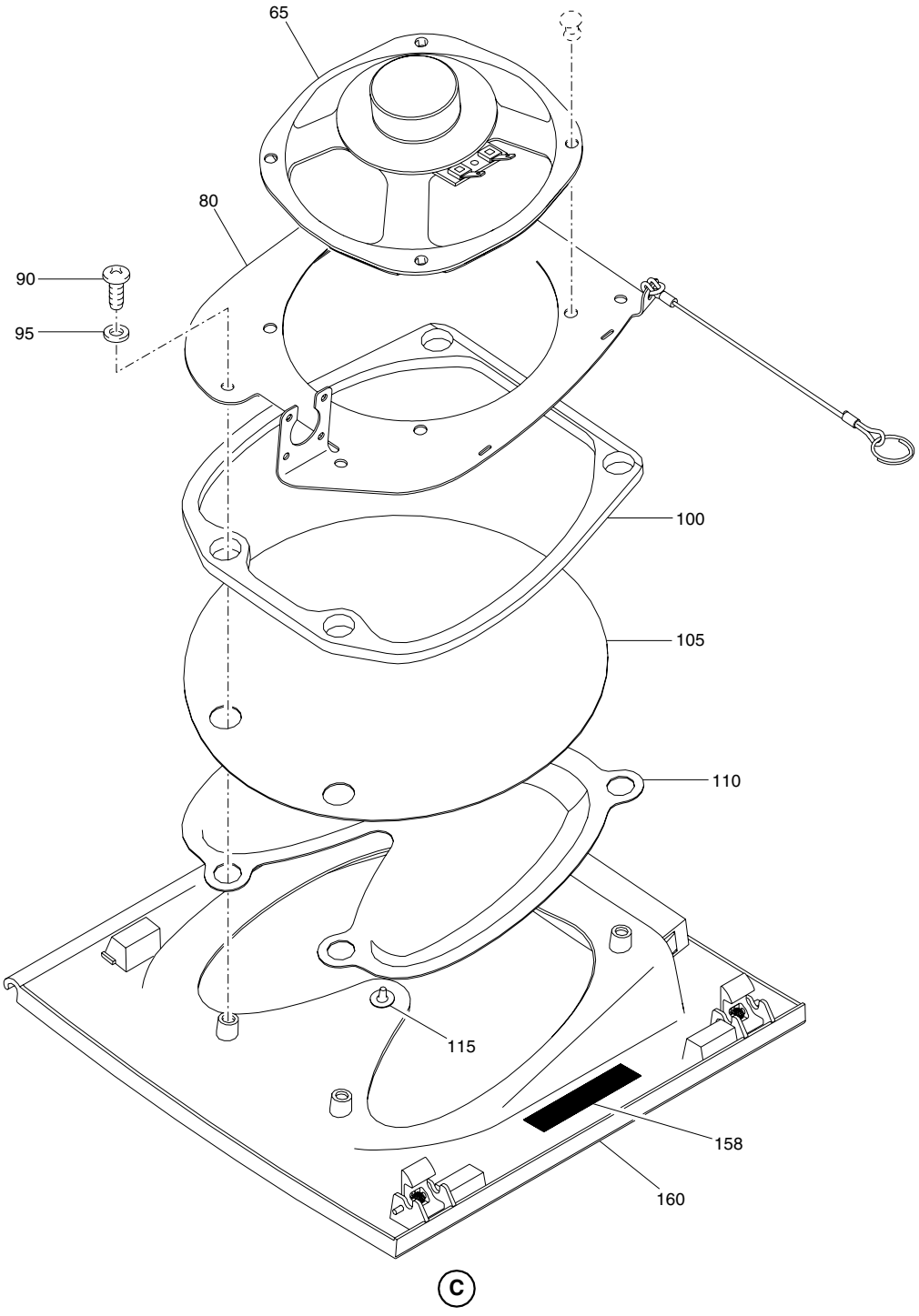
This page intentionally left blank.



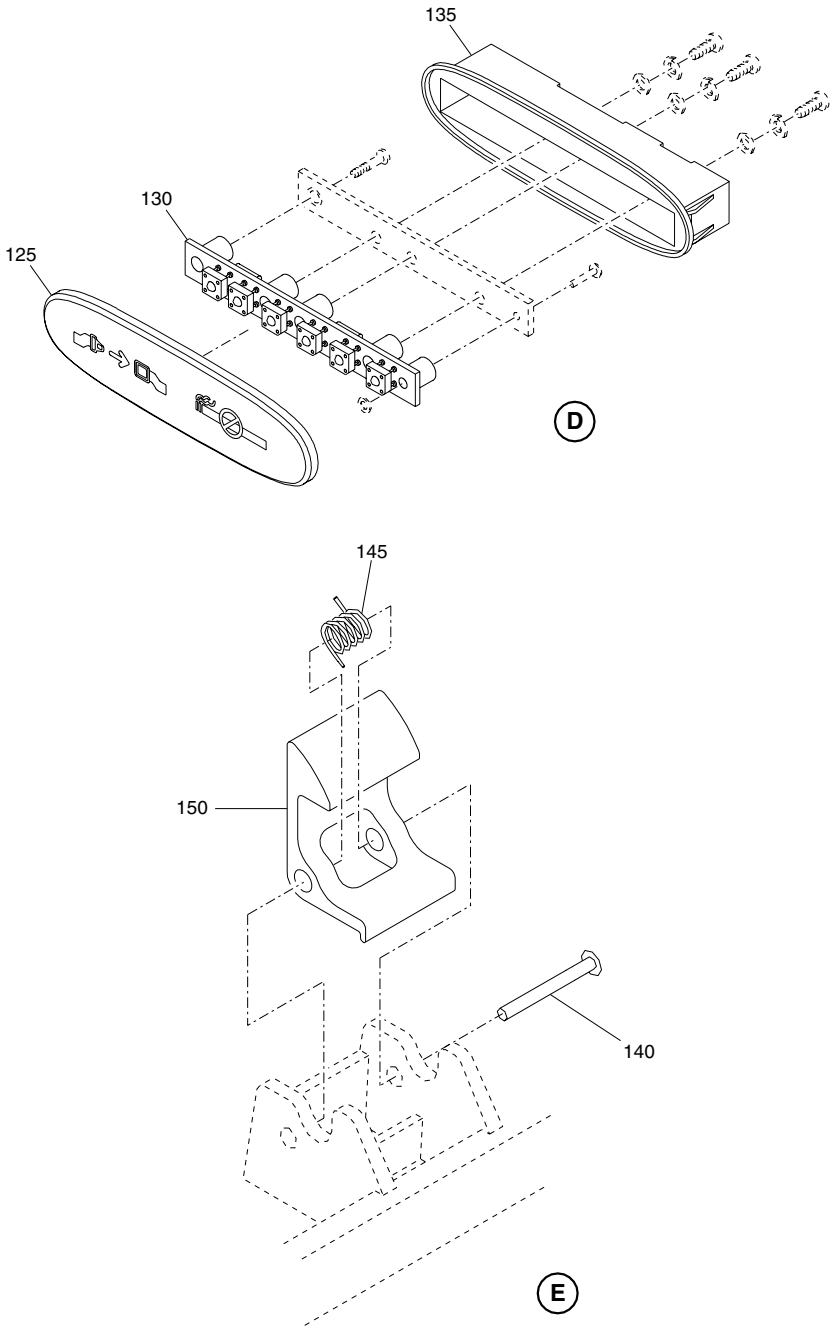
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5E/GRAPHIC 25-28-48-99b-020-A01



Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5E/GRAPHIC 25-28-48-99b-020-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5E/GRAPHIC 25-28-48-99b-020-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5E/GRAPHIC 25-28-48-99b-020-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5E – 1	9326116-105		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSD BY ITEM -1B	A	RF
– 1A	9326116-109		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSD BY ITEM -1C	B	RF
– 1B	9326116-125		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSDS ITEM -1	C	RF
– 1C	9326116-129		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSDS ITEM -1A	D	RF
– 1D	9326116-115		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSD BY ITEM -1F	E	RF
– 1E	9326116-119		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSD BY ITEM -1G	F	RF
– 1F	9326116-135		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSDS ITEM -1D	G	RF
– 1G	9326116-139		PANEL ASSY, LH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSDS ITEM -1E	H	RF
– 1H	9326116-106		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSD BY ITEM -1K	J	RF
– 1J	9326116-110		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSD BY ITEM -1L	K	RF
– 1K	9326116-126		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSDS ITEM -1H	L	RF
– 1L	9326116-130		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) SUPSDS ITEM -1J	M	RF

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5E – 1M	9326116-116		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSD BY ITEM -1P	N	RF
– 1N	9326116-120		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSD BY ITEM -1Q	P	RF
– 1P	9326116-136		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSDS ITEM -1M	Q	RF
– 1Q	9326116-140		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) SUPSDS ITEM -1N	R	RF
– 5	9326116-106		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) (MOVED TO ITEM -1H) SUPSD BY ITEM -5B	J	D
– 5A	9326116-110		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) (MOVED TO ITEM -1J) SUPSD BY ITEM -5C	K	D
– 5B	9326116-126		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) (MOVED TO ITEM -1K) SUPSDS ITEM -5	L	D
– 5C	9326116-130		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP NS/FSB) (MOVED TO ITEM -1L) SUPSDS ITEM -5A	M	D
– 5D	9326116-116		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) (MOVED TO ITEM -1M) SUPSD BY ITEM -5F	N	D
– 5E	9326116-120		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) (MOVED TO ITEM -1N) SUPSD BY ITEM -5G	P	D
– 5F	9326116-136		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) (MOVED TO ITEM -1P) SUPSDS ITEM -5D	Q	D

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5E – 5G	9326116-140		PANEL ASSY, RH SPEAKER/NS/FSB (NON-OP EDFSB) (MOVED TO ITEM -1Q) SUPSDS ITEM -5E	R	D
– 10	7271037-501		. INSULATION ASSY, SPEAKER (BONDED) SUPSD BY ITEM 10A	A,B,E,F, J,K,N,P	1
10A	7272037-501		. INSULATION ASSY, SPEAKER (BONDED) SUPSDS ITEM -10		1
– 15	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
20	170-45514-001		. PAD, CONNECTOR		1
– 25	9326730-513		. WIRE HARNESS ASSY	A-H	1
– 25A	9326730-515		. WIRE HARNESS ASSY	J-R	1
– 30	9326730-515		. WIRE HARNESS ASSY (MOVED TO ITEM -25A)	J-R	D
– 35	BVD00E0207PN		. . CONNECTOR SUPSD BY ITEM -35A		1
– 35A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN) SUPSDS ITEM -35		1
– 40	640174-1		. . RECEPTACLE		2
– 45	9326225-511		. LANYARD ASSY		1
– 50	3896T1		. . OVAL SLEEVE (V3A054) SUPSD BY ITEM 50A		2
50A	SL1-2		. . SLEEVE, OVAL (V0KZA1) SUPSDS ITEM -50		2
55	86805T34		. . RING, SPLIT (V3A054)		1
– 60	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 60A		AR

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5E 60A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -60		AR
65	SCD130-14-1		. SPEAKER (V30242)	A,C,E,G, J,L,N,Q	1
– 65A	SCD130-14-2		. SPEAKER (V30242)	B,D,F,H, K,M,P,R	1
– 70	SCD130-14-2		. SPEAKER (V30242) (MOVED TO ITEM -65A)	B,D,F,H, K,M,P,R	D
			ATTACHING PARTS		
– 75	SRV0-5095		. RIVET, SNAP (V6B3V9)		4
			* * *		
80	9326238-1		. BRACKET	A-H	1
– 80A	9326238-2		. BRACKET	J-R	1
– 85	9326238-2		. BRACKET (MOVED TO ITEM -80A)	J-R	D
			ATTACHING PARTS		
90	NAS1096-1-5		. SCREW		4
95	NAS1149DN616K		. WASHER		4
			* * *		
100	9326224-1		. FOAM, CLOSEOUT		1
105	9326223-1		. CLOTH, SPEAKER		1
110	9326221-1		. GRILL, SPEAKER		1
115	94807A024		. SPEED NUT (V3A054) (PUSH ON)		1
– 115A	C13000-012-4		. SPEED NUT (V78553) (ALT PN TO ITEM 115)		1
120	6441100-501		. SIGN ASSY, NS/FSB	A-D, J-M	1

– ITEM NOT ILLUSTRATED

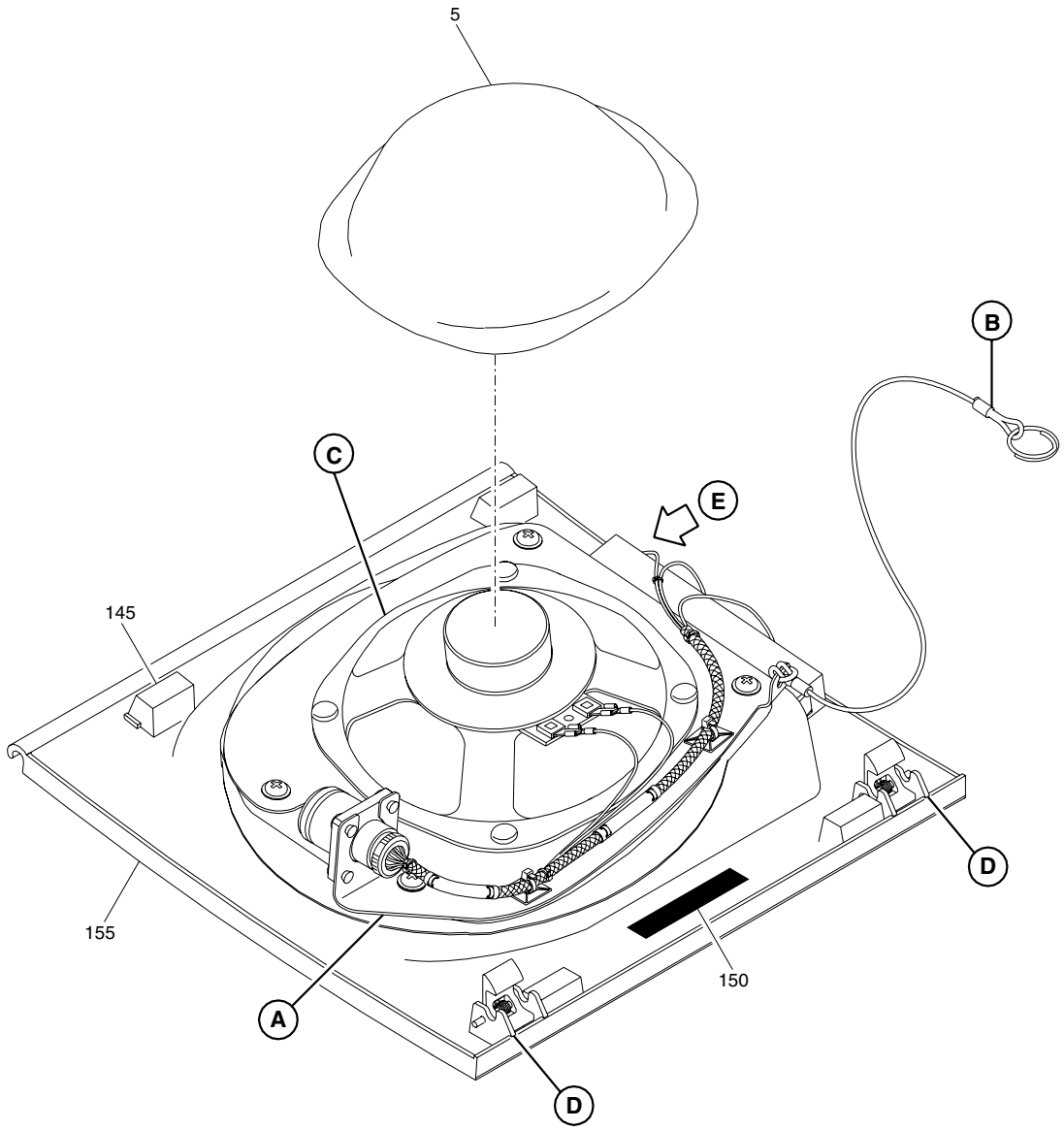
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5E – 120A	6441109-501		. SIGN ASSY, EDFSB	E-H,N-R	1
– 123	6441109-501		. SIGN ASSY, EDFSB (MOVED TO ITEM -120A)	E-H,N-R	D
125	6441102-1		. . LENS (BONDED)	A-D, J-M	1
– 125A	6441114-1		. . LENS (BONDED)	E-H,N-R	1
– 127	6441114-1		. . LENS (BONDED) (MOVED TO ITEM -125A)	E-H,N-R	D
130	6441106-501		. . PCB ASSY	A-D, J-M	1
– 130A	6441112-501		. . PCB ASSY	E-H,N-R	1
– 132	6441112-501		. . PCB ASSY (MOVED TO ITEM -130A)	E-H,N-R	D
135	6441108-501		. . HOUSING ASSY	A-D, J-M	1
– 135A	6441115-501		. . HOUSING ASSY	E-H,N-R	1
– 137	6441115-501		. . HOUSING ASSY (MOVED TO ITEM -135A)	E-H,N-R	D
140	MS20470B3-13		. PIN		2
145	T025-180-140L		. SPRING, TORSION (V74197)		2
150	7271022-3		. CATCH, PSU LATCH		2
– 155	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM 155A		4
155A	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -155		4
– 155B	CDEX0307-7		. DELETED		D
158	9326735-1		. PLACARD (BONDED)		1
160	9326201-501		. PANEL ASSY	A-H	1
– 160A	9326201-502		. PANEL ASSY	J-R	1

– ITEM NOT ILLUSTRATED

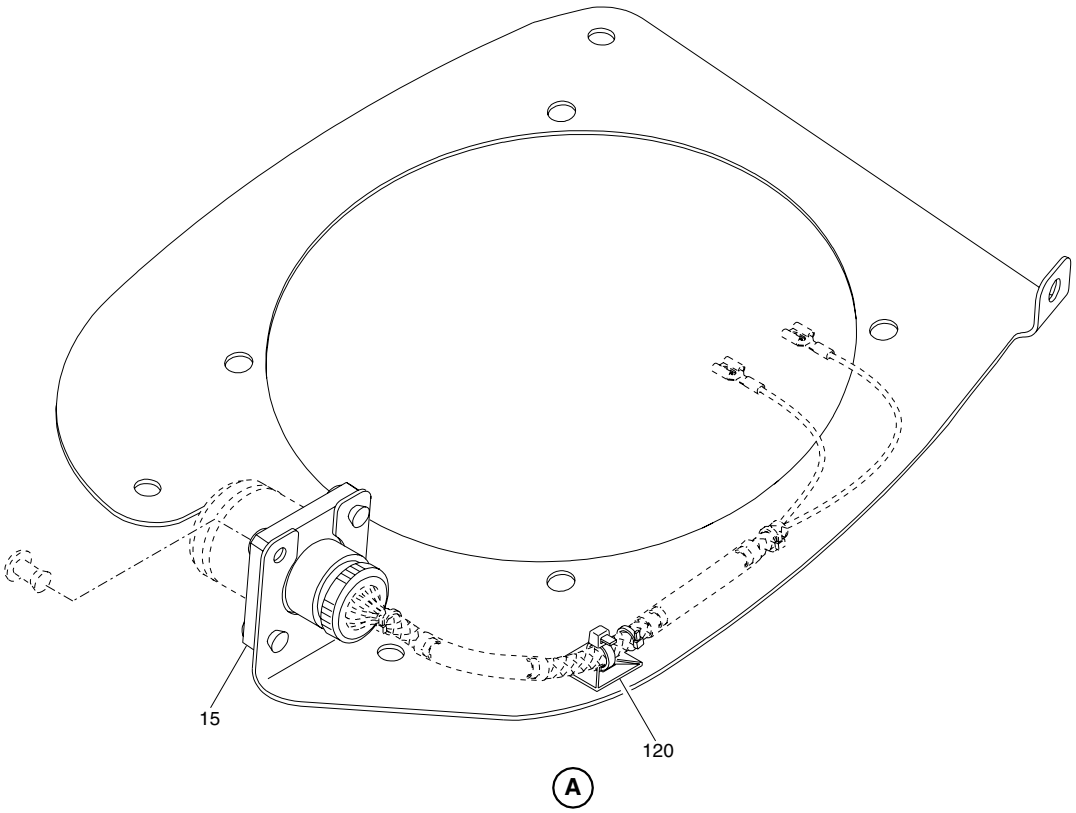
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5E – 161	6035-06BR150		. . DELETED (INC BY MISTAKE)	A-H	D
– 162	9326201-1		. . DELETED (INC BY MISTAKE)	A-H	D
– 165	9326201-502		. PANEL ASSY (MOVED TO ITEM -160A)	J-R	D
– 170	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)	J-R	4
– 172	9326201-1		. . PANEL	A-H	1
– 172A	9326201-2		. . PANEL	J-R	1
– 173	9326201-2		. . PANEL (MOVED TO ITEM -172A)	J-R	D
– 175	9326735-1		. PLACARD (BONDED) (MOVED TO ITEM 158)		D

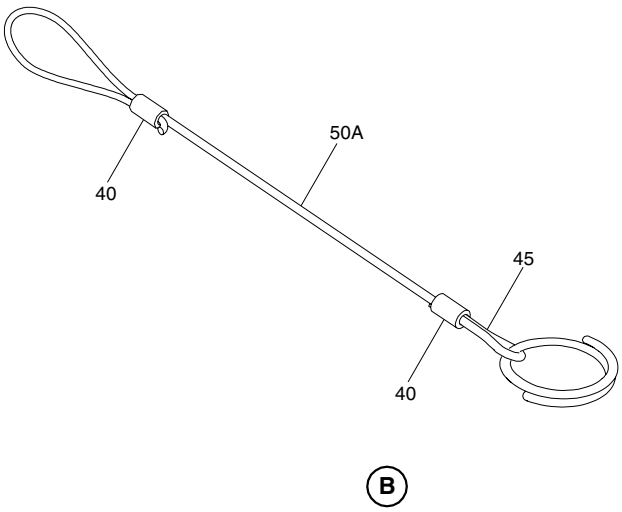
– ITEM NOT ILLUSTRATED

This page intentionally left blank.



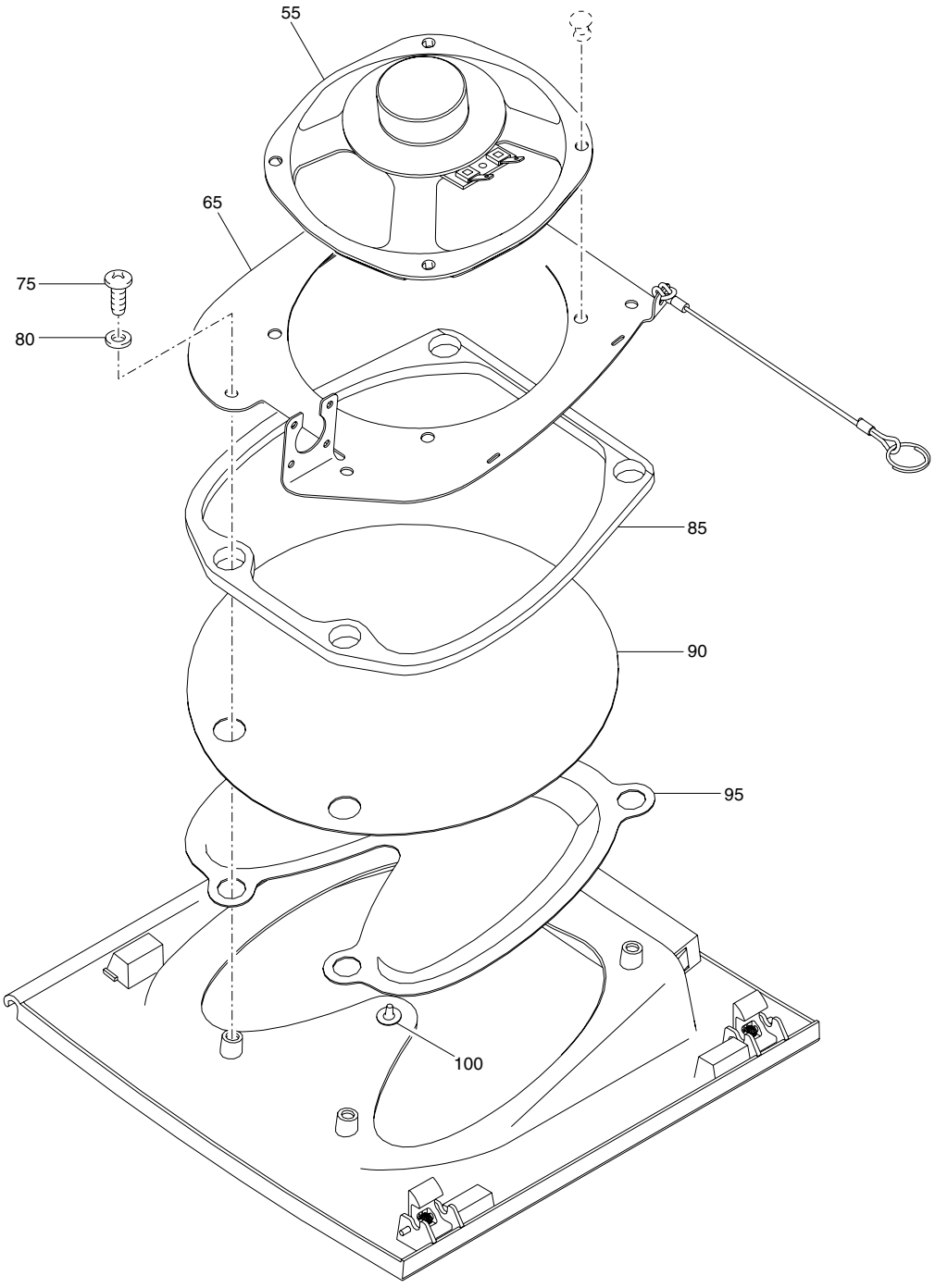
Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5F/GRAPHIC 25-28-48-99b-021-A01



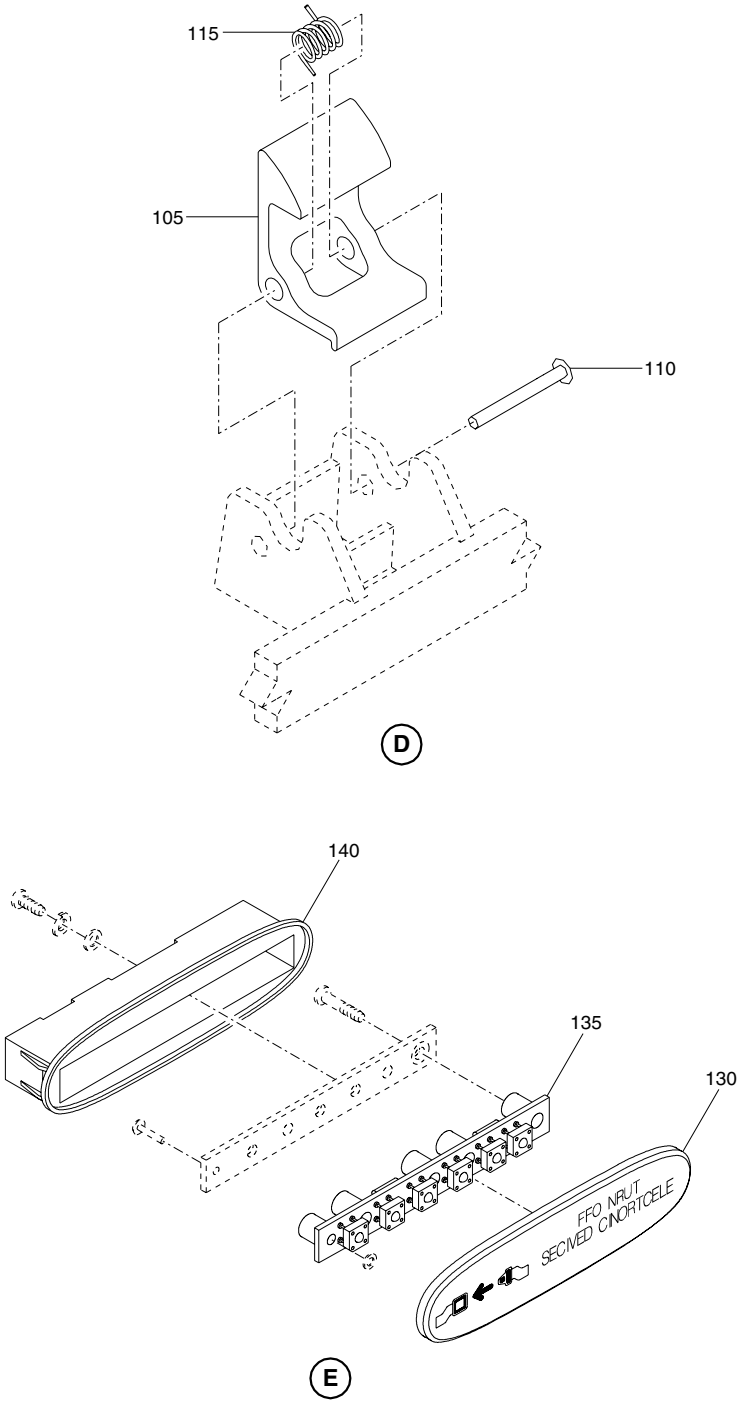


25284805F02

Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5F/GRAPHIC 25-28-48-99b-021-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5F/GRAPHIC 25-28-48-99b-021-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5F/GRAPHIC 25-28-48-99b-021-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5F – 1	9326124-101		PANEL ASSY, LH SPEAKER/NSFSB	A	RF
– 1A	9326124-106		PANEL ASSY, RH SPEAKER/NSFSB (NON-OP EDFSB)	B	RF
– 1B	9326124-107		PANEL ASSY, LH SPEAKER/NSFSB SEE FIG.1M FOR NHA	C	RF
– 1C	9326124-108		PANEL ASSY, RH SPEAKER/NSFSB SEE FIG.1M FOR NHA	D	RF
– 1D	9326124-109		PANEL ASSY, LH SPEAKER/NSFSB (W/O SPEAKER)	E	RF
– 1E	9326124-110		PANEL ASSY, RH SPEAKER/NSFSB (W/O SPEAKER)	F	RF
– 1F	9326124-111		PANEL ASSY, LH SPEAKER/NSFSB (NON-OP NSFSB)	G	RF
– 1G	9326124-112		PANEL ASSY, RH SPEAKER/NSFSB (NON-OP NSFSB)	H	RF
– 1H	9326124-103		PANEL ASSY, LH SPEAKER/NSFSB	I	RF
– 1I	9326124-104		PANEL ASSY, RH SPEAKER/NSFSB	J	RF
– 1J	9326124-102		PANEL ASSY, RH SPEAKER/NSFSB	K	RF
– 1K	9326124-105		PANEL ASSY, LH SPEAKER/NSFSB	L	RF
5	7272037-501		. INSULATION ASSY, SPEAKER (BONDED)	A-D, G,H, K, L	1
– 10	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
15	170-45514-001		. PAD, CONNECTOR		1
– 20	9326730-505		. WIRE HARNESS ASSY	A,C	1
– 20A	9326730-515		. WIRE HARNESS ASSY	B,H	1
– 20B	9326730-507		. WIRE HARNESS ASSY	D, K	1
– 20C	9326730-509		. WIRE HARNESS ASSY	E, I	1
– 20D	9326730-511		. WIRE HARNESS ASSY	F, J	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5F – 20E	9326730-513		. WIRE HARNESS ASSY	G, L	1
– 25	BVD00E0207PN		. . CONNECTOR SUPSD BY -25A		1
– 25A	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN) SUPSDS -25		1
– 30	640174-1		. . RECEPTACLE		2
– 35	9326261-501		. LANYARD ASSY	A-D, G, H, K, L	1
40	3896T1		. . OVAL SLEEVE (V3A054)		2
45	3960T1		. . SNAP, SPRING (V3A054)		1
– 50	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY 50A		1
50A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS -50		1
55	SCD130-14-1		. SPEAKER (V30242)	A-D, G,H, K, L	1
			ATTACHING PARTS		
– 60	SRV0-5095		. RIVET, SNAP (V6B3V9)	A-D, G,H, K, L	4
			* * *		
65	9326238-1		. BRACKET	A,C,E,G, I, L	1
– 65A	9326238-2		. BRACKET	B,D,F,H, J, K	1
– 70	9326238-2		. BRACKET (MOVED TO ITEM -65A)	B,D,F,H, J, K	D

– ITEM NOT ILLUSTRATED

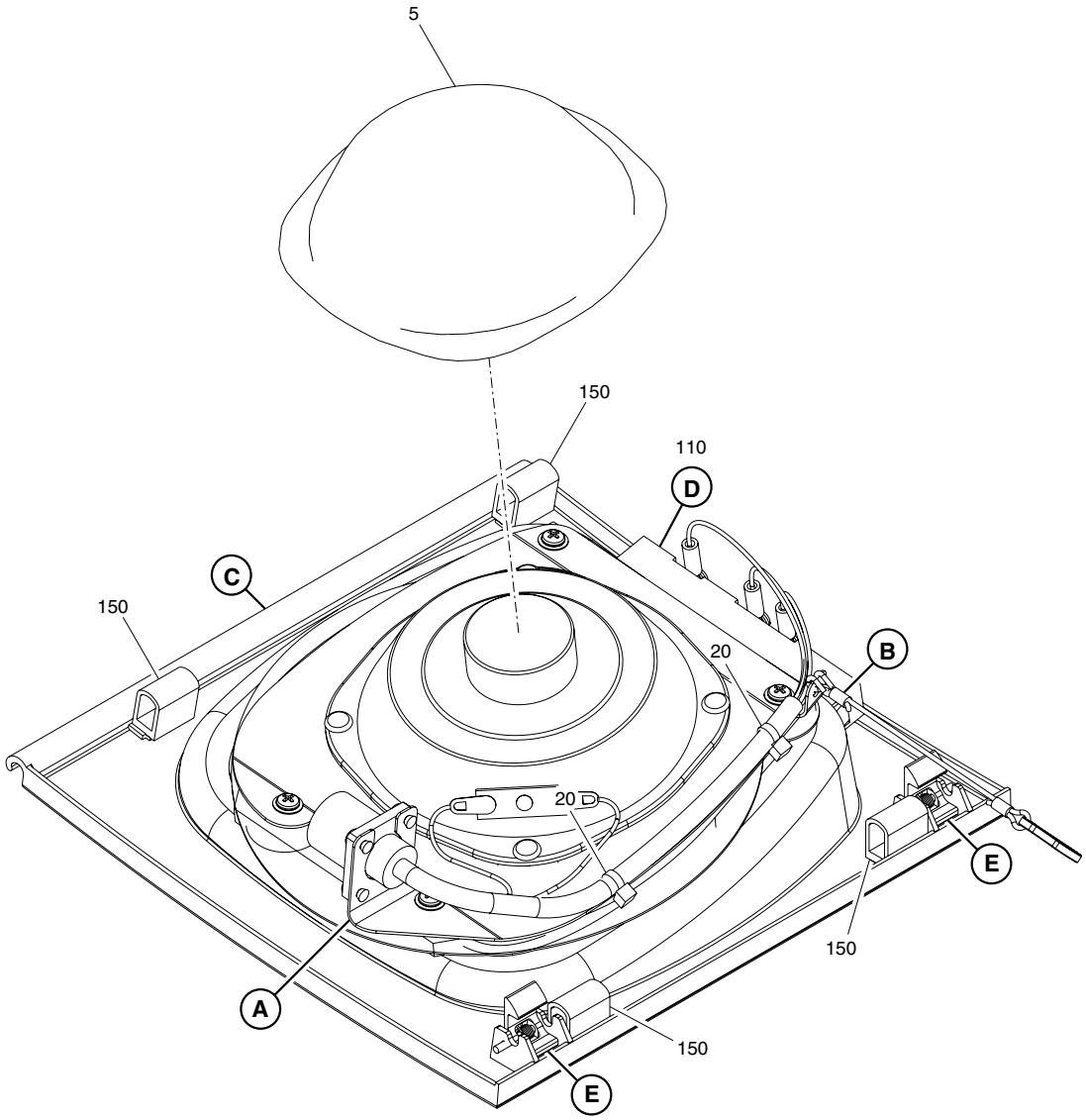
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5F			ATTACHING PARTS		
75	NAS1096-1-5		. SCREW		4
80	NAS1149DN616K		. WASHER		4
			* * *		
85	9326224-1		. FOAM, CLOSEOUT		1
90	9326223-1		. CLOTH, SPEAKER		1
95	9326221-3		. GRILL, SPEAKER		1
100	C13000-012-4		. SPEED NUT (V78553) (PUSH ON)		1
105	7271022-3		. CATCH, PSU LATCH		2
110	MS20470B3-13		. PIN		2
115	T025-180-140L		. SPRING, TORSION (V74197)		2
120	MS3367-4-9		. CABLE TIE	A,C-F	2
– 125	6441109-501		. SIGN ASSY, EDFSB	A,B, I-L	1
– 125A	6441100-501		. SIGN ASSY, NSFSB	C-J	1
130	6441114-1		. . LENS (BONDED)	A,B, K, L	1
– 130A	6441102-1		. . LENS (BONDED)	C-J	1
135	6441112-501		. . PCB ASSY	A,B, K, L	1
– 135A	6441106-501		. . PCB ASSY	C-J	1
140	6441115-501		. . HOUSING ASSY	A,B, K, L	1
– 140A	6441108-501		. . HOUSING ASSY	C-J	1
145	CDEX0633-7		. PAD, ANTI-RATTLE		4
150	9326735-1		. PLACARD (BONDED)	B,G,H, K	1

– ITEM NOT ILLUSTRATED

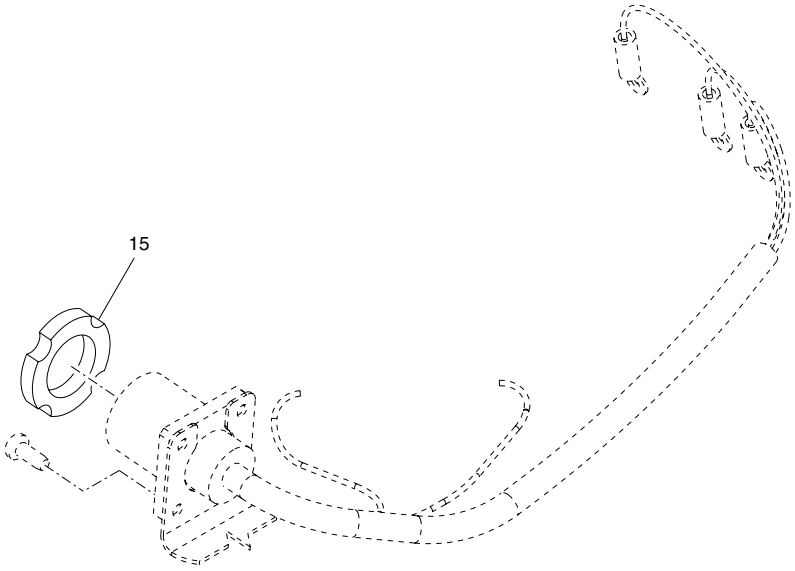
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5F 155	9326201-501		. PANEL ASSY	A,C,E,G, I, J, L	1
– 155A	9326201-502		. PANEL ASSY	B,D,F,H, K	1
– 160	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 165	9326201-1		. . PANEL	A,C,E,G, I, L	1
– 165A	9326201-2		. . PANEL	B,D,F,H, J, K	1
– 170	9326201-2		. . PANEL (MOVED TO ITEM -165A)	B,D,F,H, J, K	D

– ITEM NOT ILLUSTRATED

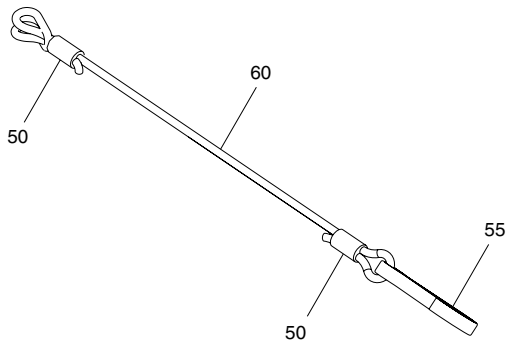
This page intentionally left blank.



Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5G/GRAPHIC 25-28-48-99b-041-A01



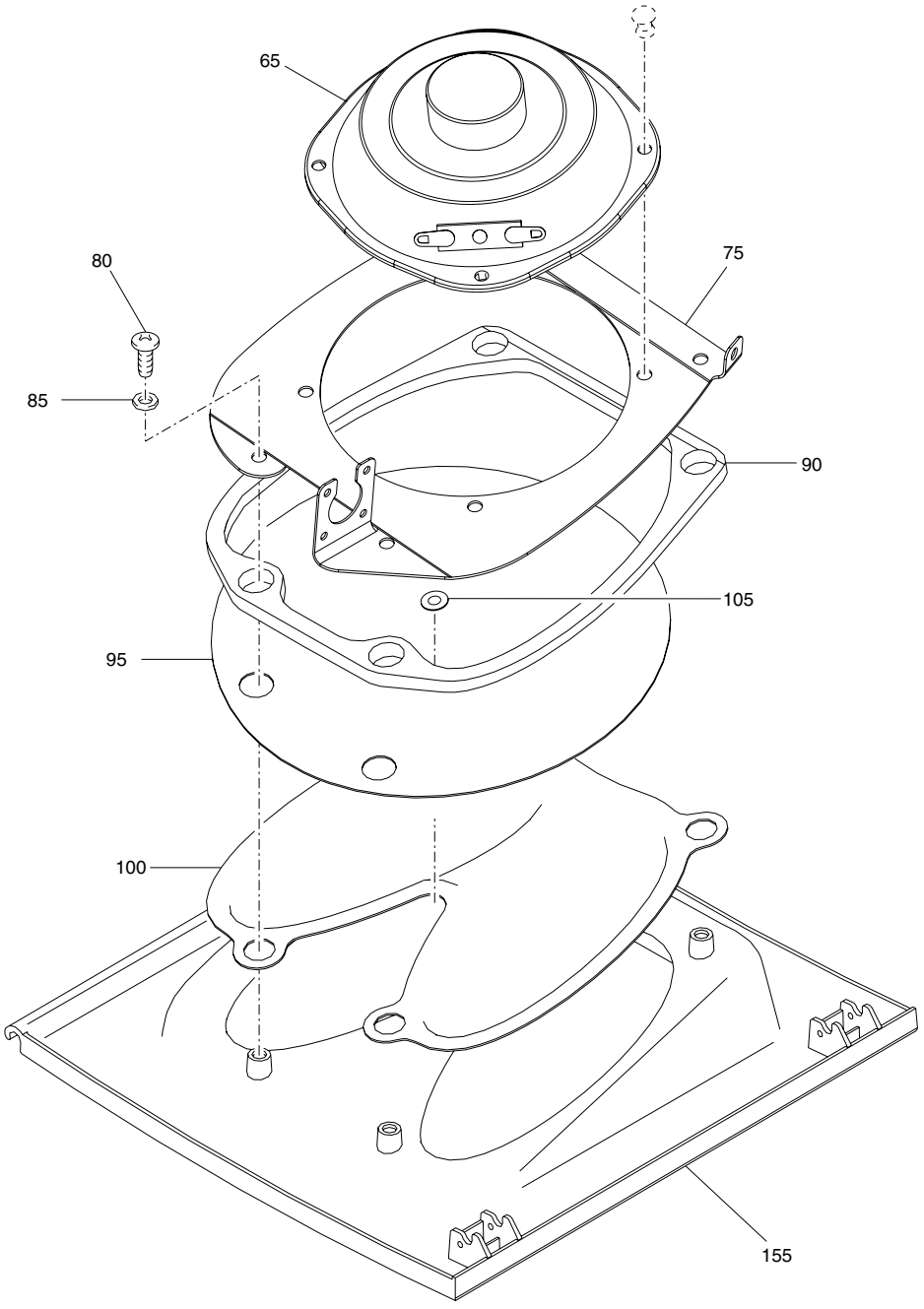
A



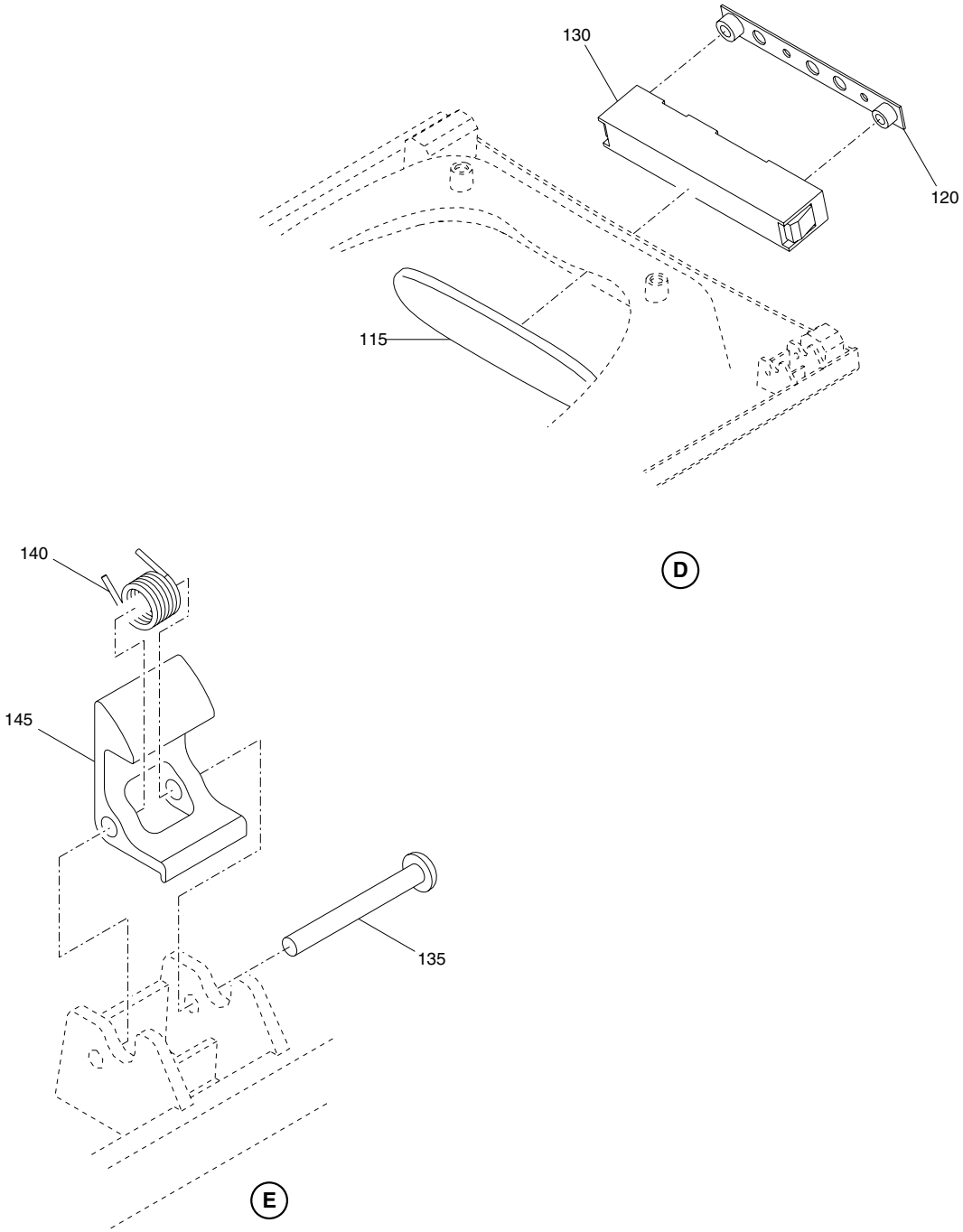
B

25284805G02

Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5G/GRAPHIC 25-28-48-99b-041-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5G/GRAPHIC 25-28-48-99b-041-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5G/GRAPHIC 25-28-48-99b-041-A01

This page intentionally left blank.

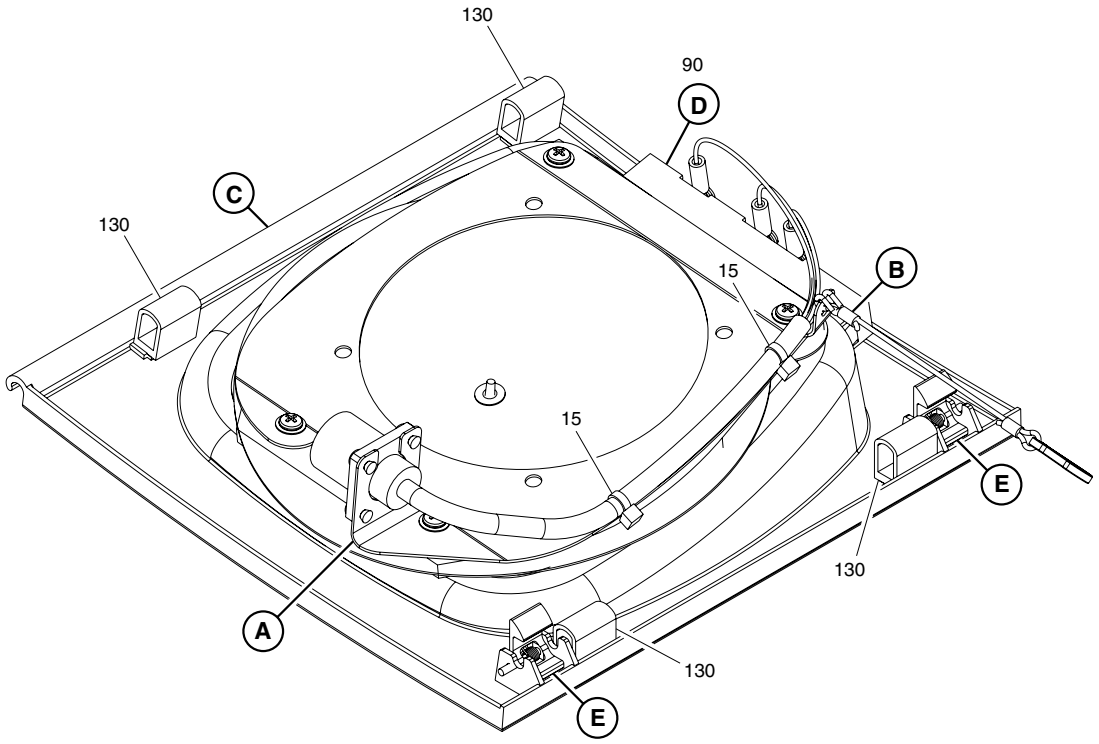
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5G – 1	H839120-101		PANEL ASSY, LH SPEAKER/ NSFSB SEE FIG. 1N FOR NHA	A	RF
– 1A	H839120-102		PANEL ASSY, RH SPEAKER/ NSFSB SEE FIG. 1N FOR NHA	B	RF
5	7272037-501		. INSULATION ASSY, SPEAKER (BONDED)		1
– 10	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
15	170-45514-001		. PAD, CONNECTOR		1
20	MS3367-4-9		. CABLE TIE		2
– 25	9326730-505		. WIRE HARNESS ASSY	A	1
– 25A	9326730-507		. WIRE HARNESS ASSY	B	1
– 30	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN)		1
– 35	640174-1		. . RECEPTACLE		2
– 40	MS25036-101		. . TERMINAL LINK		3
– 45	9326261-501		. LANYARD ASSY		1
50	3896T1		. . OVAL SLEEVE (V3A054)		2
55	3960T1		. . SNAP, SPRING (V3A054)		1
60	DC042		. . LANYARD, DACRON ROPE (V55175)		AR
65	SCD130-14-1		. SPEAKER (V30242)		1
			ATTACHING PARTS		
– 70	SRV0-5095		. RIVET, SNAP (V6B3V9)		4
			* * *		
75	9326238-1		. BRACKET	A	1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5G – 75A	9326238-2		. BRACKET	B	1
			ATTACHING PARTS		
80	NAS1096-1-5		. SCREW		4
85	NAS1149DN616K		. WASHER		4
			* * *		
90	9326224-1		. FOAM, CLOSEOUT		1
95	9326223-1		. CLOTH, SPEAKER		1
100	9326221-3		. GRILL, SPEAKER		1
105	C13000-012-4		. SPEED NUT (V78553)		1
110	6441124-501		. SIGN ASSY, NSFSB		1
115	6441125-1		. . LENS (BONDED)		1
120	6441106-505		. . PLATE ASSY, PCB/BACKING		1
– 125	7271045-3		. . BUMPER, RUBBER (BONDED)		1
130	6441126-501		. . HOUSING ASSY		1
135	MS20470B3-13		. PIN		2
140	T025-180-140L		. SPRING, TORSION (V74197)		2
145	7271022-3		. CATCH, PSU LATCH		2
150	CDEX0633-7		. PAD, ANTI-RATTLE		4
155	9326201-501		. PANEL ASSY	A	1
– 155A	9326201-502		. PANEL ASSY	B	1
– 160	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 165	9326201-1		. . PANEL	A	1
– 165A	9326201-2		. . PANEL	B	1

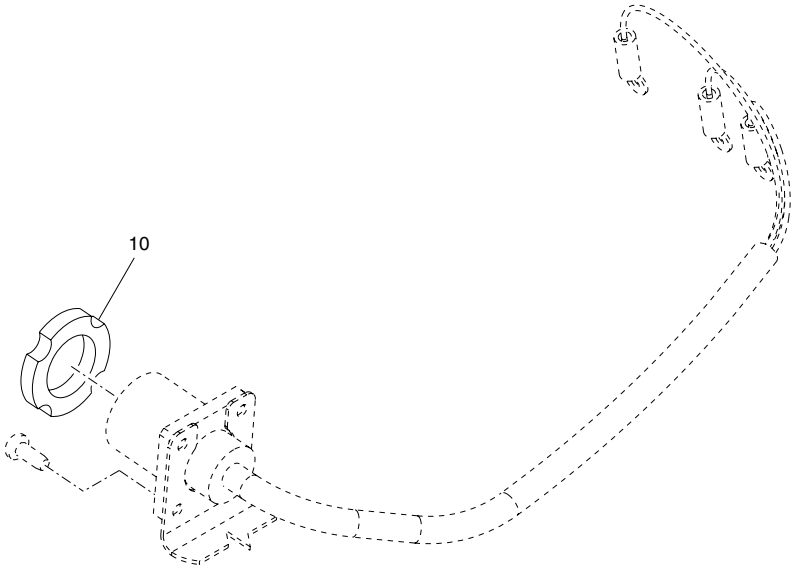
– ITEM NOT ILLUSTRATED

This page intentionally left blank.

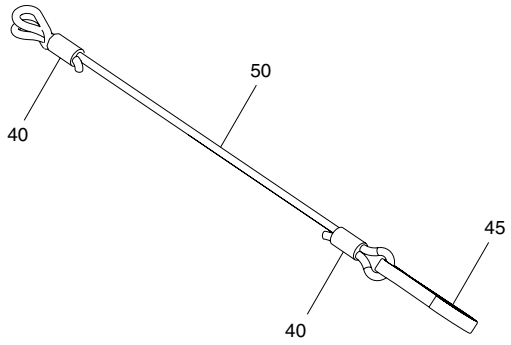


25284805H01

Speaker/NS/FSB Panel Assembly
(Sheet 1 of 4)
Figure 5H/GRAPHIC 25-28-48-99b-036-A01



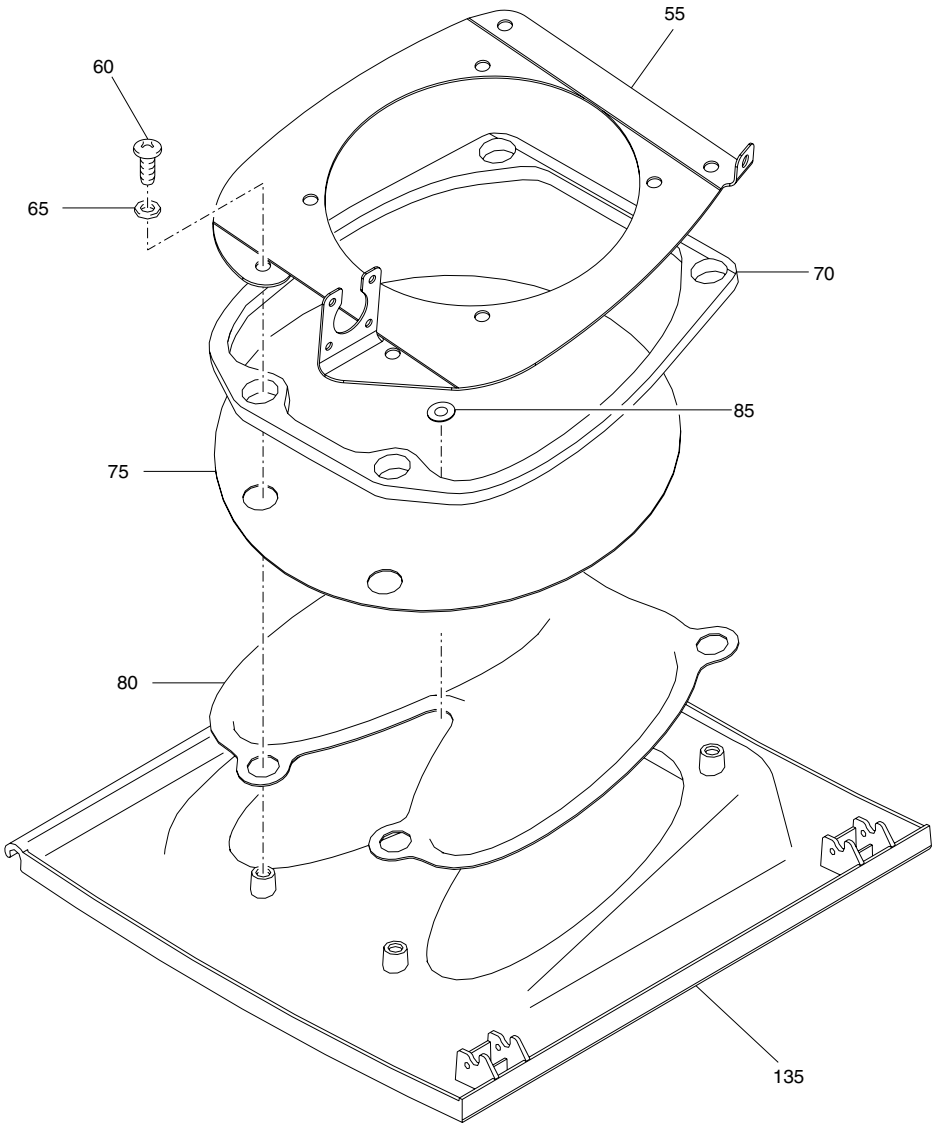
A



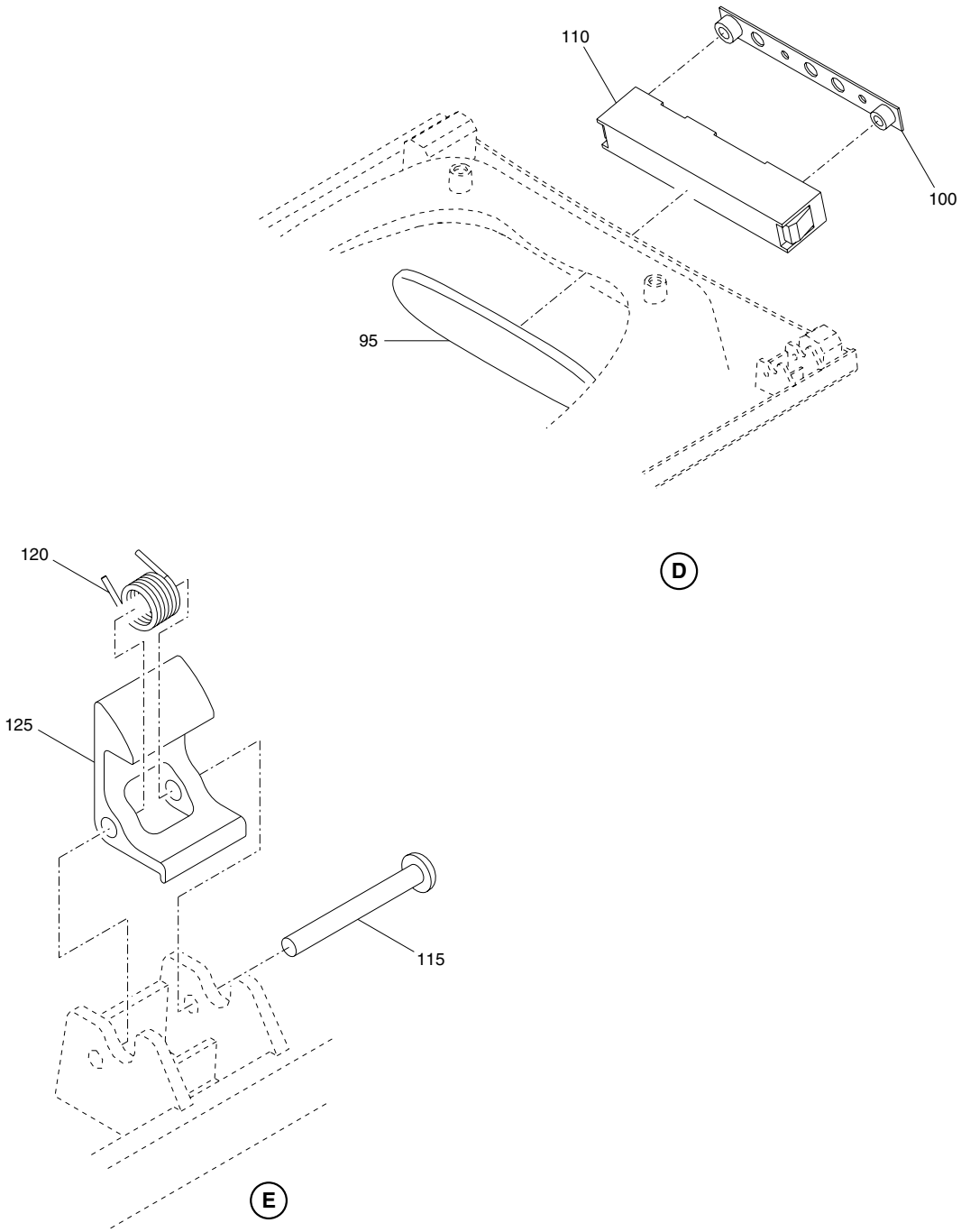
B

25284805H02

Speaker/NS/FSB Panel Assembly
(Sheet 2 of 4)
Figure 5H/GRAPHIC 25-28-48-99b-036-A01



Speaker/NS/FSB Panel Assembly
(Sheet 3 of 4)
Figure 5H/GRAPHIC 25-28-48-99b-036-A01



Speaker/NS/FSB Panel Assembly
(Sheet 4 of 4)
Figure 5H/GRAPHIC 25-28-48-99b-036-A01

This page intentionally left blank.

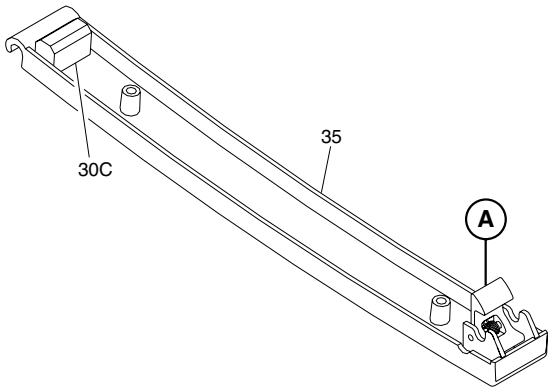
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5H – 1	H839120-103		PANEL ASSY, LH SPEAKER/NSFSB SEE FIG. 1N FOR NHA	A	RF
– 1A	H839120-104		PANEL ASSY, RH SPEAKER/NSFSB SEE FIG. 1N FOR NHA	B	RF
– 5	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
10	170-45514-001		. GASKET		1
15	MS3367-4-9		. CABLE TIE		2
– 20	9326730-509		. WIRE HARNESS ASSY	A	1
– 20A	9326730-511		. WIRE HARNESS ASSY	B	1
– 25	D3899920JB99PN		. . CONNECTOR, RECEPTACLE (V77820) (TRUE PN D38999/20JB99PN)		1
– 30	MS25036-101		. . TERMINAL LINK		3
– 35	9326261-501		. LANYARD ASSY		1
40	3896T1		. . OVAL SLEEVE (V3A054)		2
45	3960T1		. . SNAP, SPRING (V3A054)		1
50	DC042		. . LANYARD, DACRON ROPE (V55175)		AR
55	9326238-1		. BRACKET	A	1
– 55A	9326238-2		. BRACKET	B	1
			ATTACHING PARTS		
60	NAS1096-1-5		. SCREW		4
65	NAS1149DN616K		. WASHER		4
			* * *		
70	9326224-1		. FOAM, CLOSEOUT		1
75	9326223-1		. CLOTH, SPEAKER		1

– ITEM NOT ILLUSTRATED

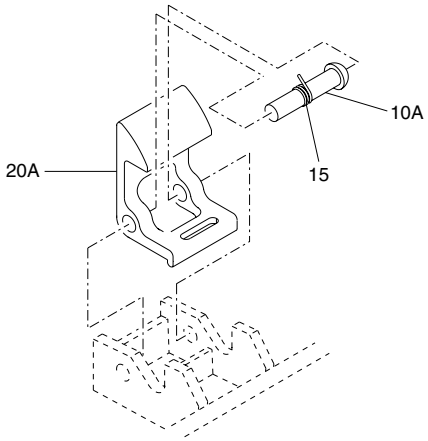
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5H 80	9326221-3		. GRILL, SPEAKER		1
85	C00720-012-4		. SPEED NUT (V78553)		1
90	6441124-501		. SIGN ASSY		1
95	6441125-1		. . LENS (BONDED)		1
100	6441106-505		. . PLATE ASSY, PCB/BACKING		1
– 105	7271045-3		. . BUMPER, RUBBER (BONDED)		1
110	6441126-501		. . HOUSING ASSY		1
115	MS20470B3-13		. PIN		2
120	T025-180-140L		. SPRING, TORSION (V74197)		2
125	7271022-3		. CATCH, PSU LATCH		2
130	CDEX0633-7		. PAD (BONDED)		4
135	9326201-501		. PANEL ASSY	A	1
– 135A	9326201-502		. PANEL ASSY	B	1
– 140	6035-06BR150		. . INSERT (ULTRASONICALLY WELDED)		4
– 145	9326201-1		. . PANEL	A	1
– 145A	9326201-2		. . PANEL	B	1

– ITEM NOT ILLUSTRATED

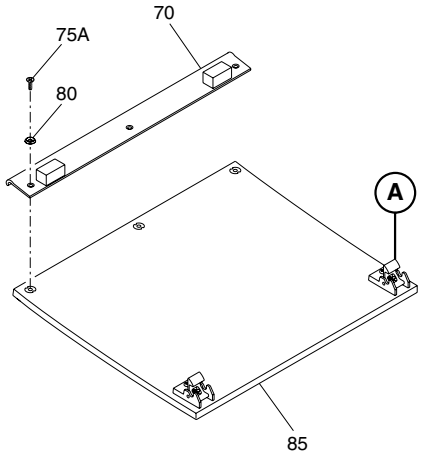
This page intentionally left blank.



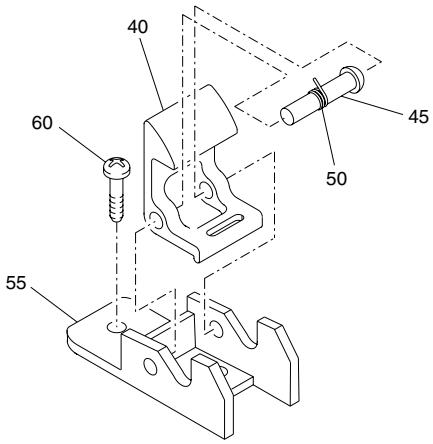
ONLY FOR 9326117–101



(PRE–STC)



ONLY FOR C678202–111/–113/–115



(POST–STC)

2528480601

Filler Panel Assembly
Figure 6/GRAPHIC 25-28-48-99b-022-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 – 1	9326103-101		PANEL ASSY, FILLER SEE FIG. 1L FOR NHA SUPSD BY ITEM -1A	A	RF
– 1A	9326117-101		PANEL ASSY, FILLER SEE FIG. 1F FOR NHA SEE FIG. 1J FOR NHA SEE FIG. 1K FOR NHA SEE FIG. 1L FOR NHA SEE FIG. 1N FOR NHA SUPSDS ITEM -1	B	RF
– 1B	C678202-111		PANEL ASSY, FILLER 5" (POST-STC) SEE FIG. 1H FOR NHA	C	RF
– 1C	C678202-113		PANEL ASSY, FILLER 7" (POST-STC) SEE FIG. 1H FOR NHA	D	RF
– 1D	C678202-115		PANEL ASSY, FILLER 8" (POST-STC) SEE FIG. 1H FOR NHA	E	RF
– 5	MS16633-4009		. RING, RETAINING	A	4
– 10	7271023-1		. PIN, PSU LATCH	A	1
10A	MS20470B3-13		. PIN	A,B	1
– 13	MS20470B3-13		. PIN (MOVED TO ITEM 10A)	B	D
15	T025-180-140L		. SPRING, TORSION (V74197)	A,B	1
– 20	7271022-1		. LATCH (ALT PN 7271022-3) SUPSD BY ITEM 20A	A	1
20A	7271022-3		. CATCH, PSU LATCH (ALT PN 7271022-1) SUPSDS ITEM -20	A,B	1
– 25	9326103-5		. DELETED	A	D
– 30	9326103-1		. PAD, ANTI-RATTLE SUPSD BY ITEM -30A	A	1

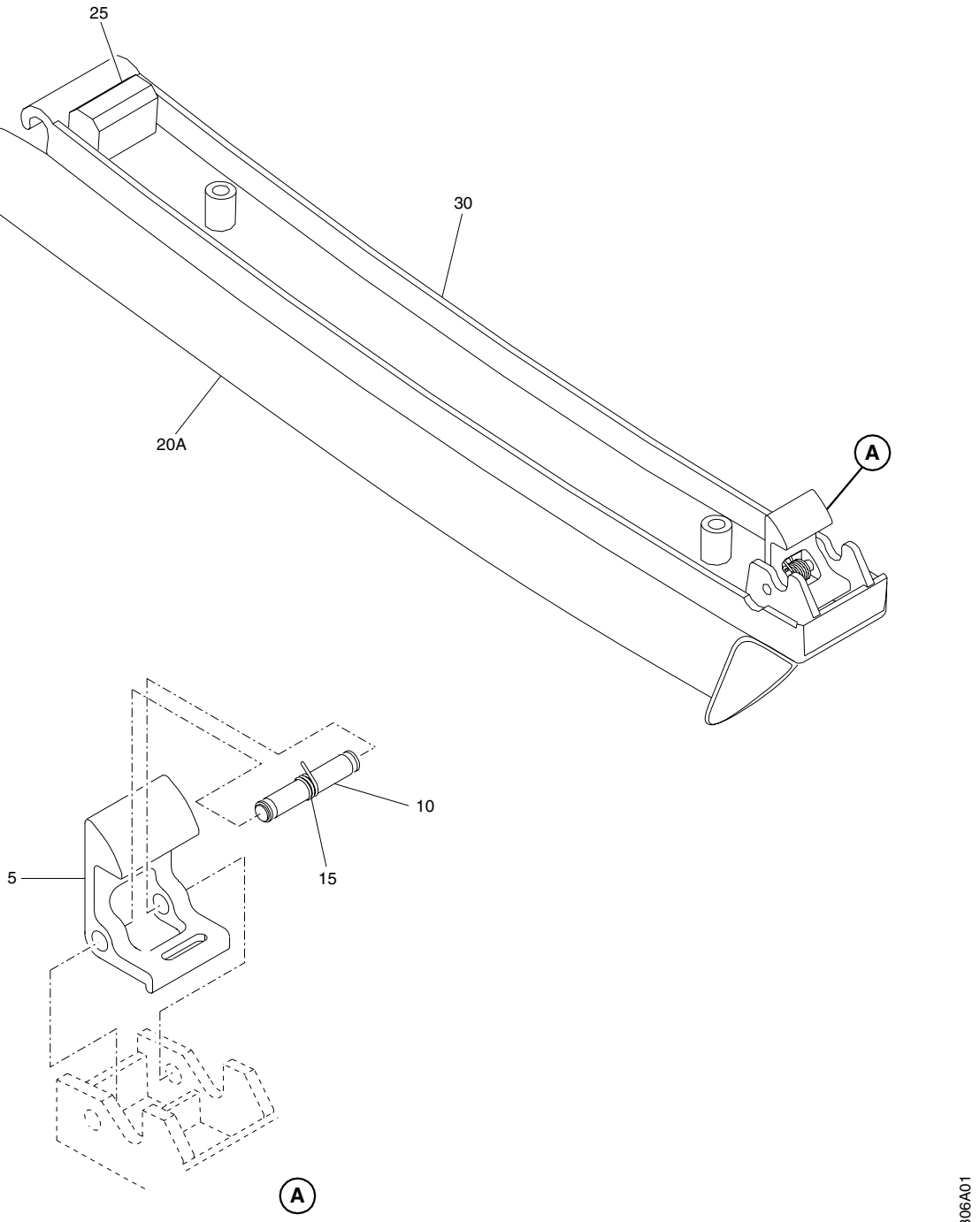
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 – 30A	9326115-1		. PAD, ANTI-RATTLE SUPSD BY ITEM -30B SUPSDS ITEM -30	A,B	1
– 30B	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM 30C SUPSDS ITEM -30A	B	1
30C	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -30B	B	1
35	9326203-1		. PANEL, FILLER	A,B	1
40	7271022-3		. CATCH, PSU LATCH	C-E	2
			ATTACHING PARTS		
45	MS20470B3-13		. PIN	C-E	2
			* * *		
50	T025-180-140L		. SPRING, TORSION (V74197)	C-E	2
55	7271058-5		. LATCH HOUSING, PSU	C-E	2
			ATTACHING PARTS		
60	NAS514P632-3		. SCREW	C-E	4
			* * *		
– 65	C678202-1		. FOAM	C-E	2
70	9326255-7		. HINGE	C	1
– 70A	9326255-9		. HINGE	D	1
– 70B	9326255-11		. HINGE	E	1
			ATTACHING PARTS		
– 75	NAS514P632-3		. SCREW SUPSD BY ITEM 75A	C-E	3
75A	NAS514P632-4		. SCREW SUPSDS ITEM -75	C-E	3
80	CDSP5801-1AL		. WASHER	C-E	3
			* * *		

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 85	C678302-511		. FILLER PANEL ASSY	C	1
– 85A	C678302-513		. FILLER PANEL ASSY	D	1
– 85B	C678302-515		. FILLER PANEL ASSY	E	1

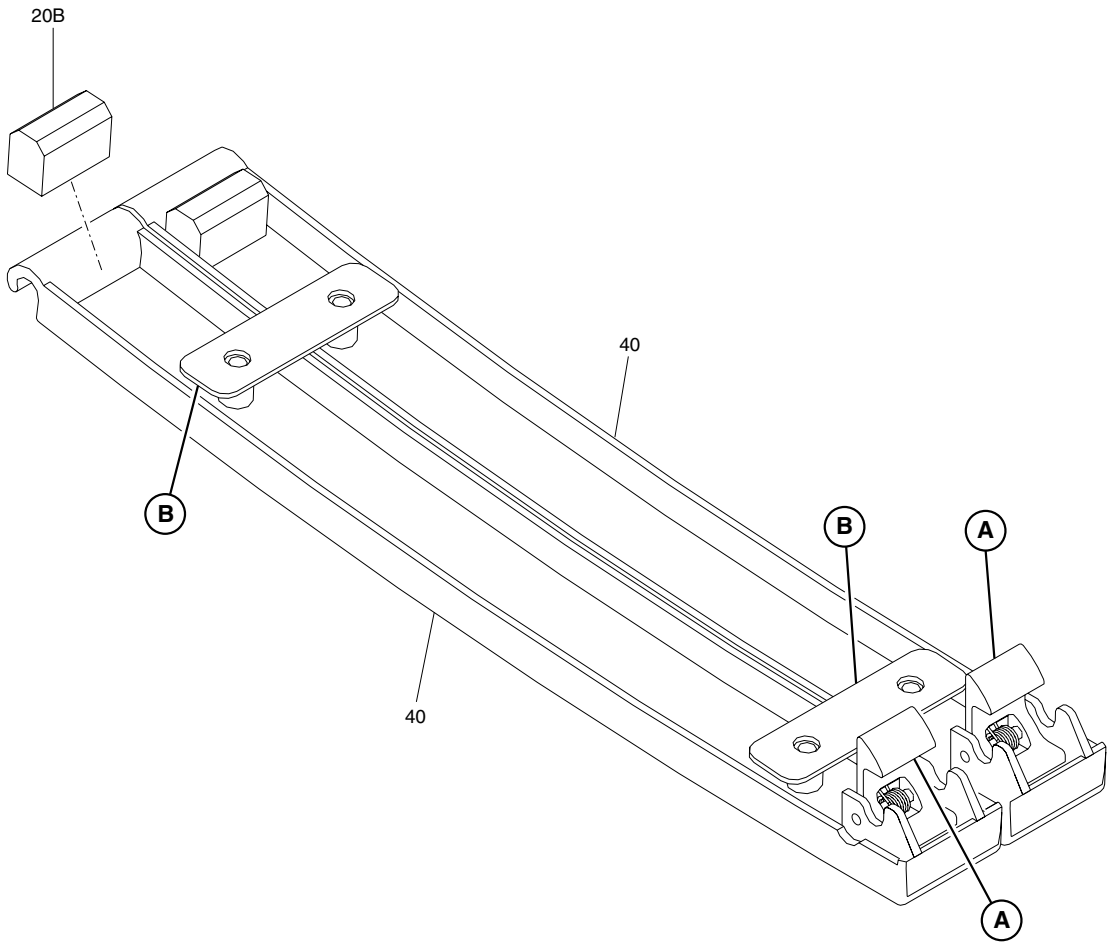
– ITEM NOT ILLUSTRATED



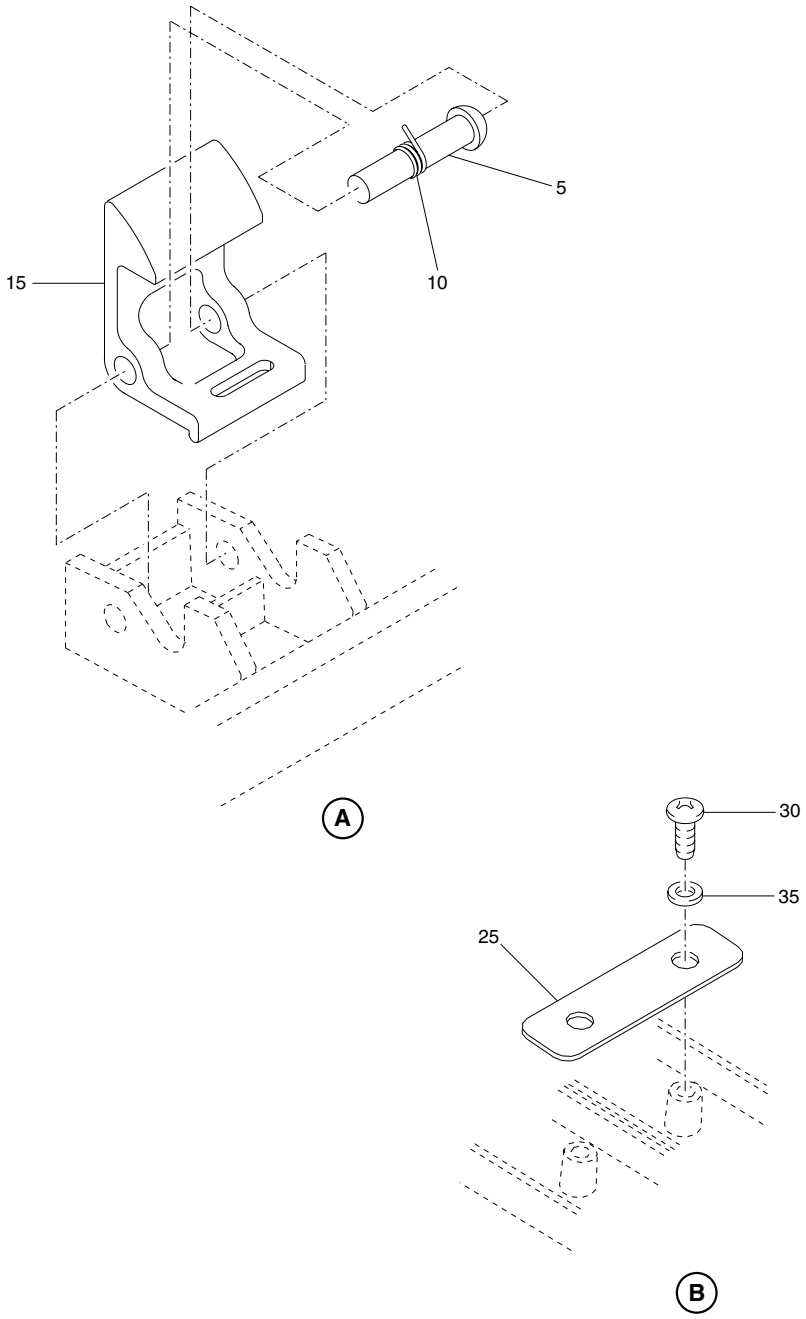
Filler Panel Assembly
Figure 6A/GRAPHIC 25-28-48-99b-023-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A – 1	3868104-111		FILLER PANEL ASSY SEE FIG. 1K FOR NHA SEE FIG. 1N FOR NHA	A	RF
– 1A	3868104-112		FILLER PANEL ASSY SEE FIG. 1K FOR NHA SEE FIG. 1N FOR NHA	B	RF
5	7271022-3		. CATCH, PSU LATCH		1
10	MS20470B3-13		. PIN		1
15	T025-180-140L		. SPRING, TORSION (V74197)		1
– 20	3868127-3		. SEAL SUPSD BY ITEM 20A		1
20A	3868104-3		. SEAL SUPSDS ITEM -20		1
25	CDEX0633-5		. PAD, ANTI-RATTLE		1
30	9326203-1		. PANEL, FILLER		1

– ITEM NOT ILLUSTRATED



Filler Panel Assembly
(Sheet 1 of 2)
Figure 6B/GRAPHIC 25-28-48-99b-024-A01

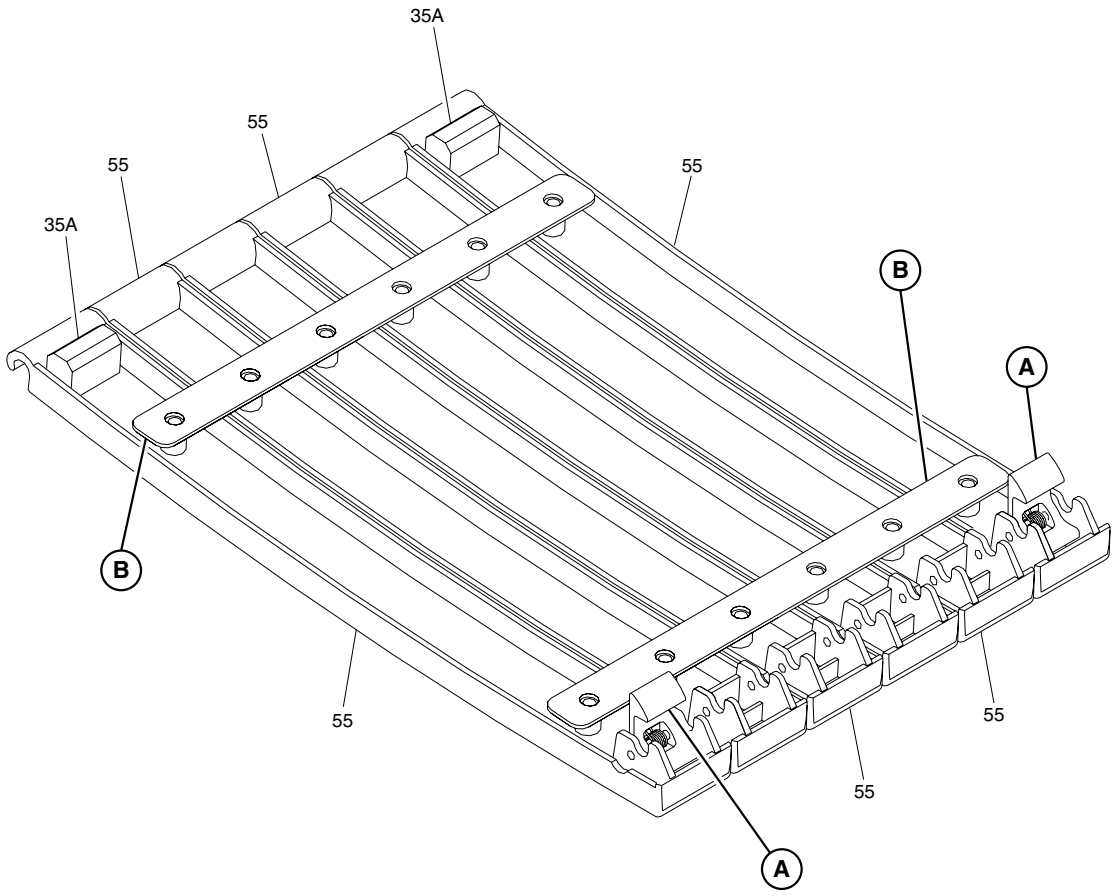


Filler Panel Assembly
(Sheet 2 of 2)
Figure 6B/GRAPHIC 25-28-48-99b-024-A01

This page intentionally left blank.

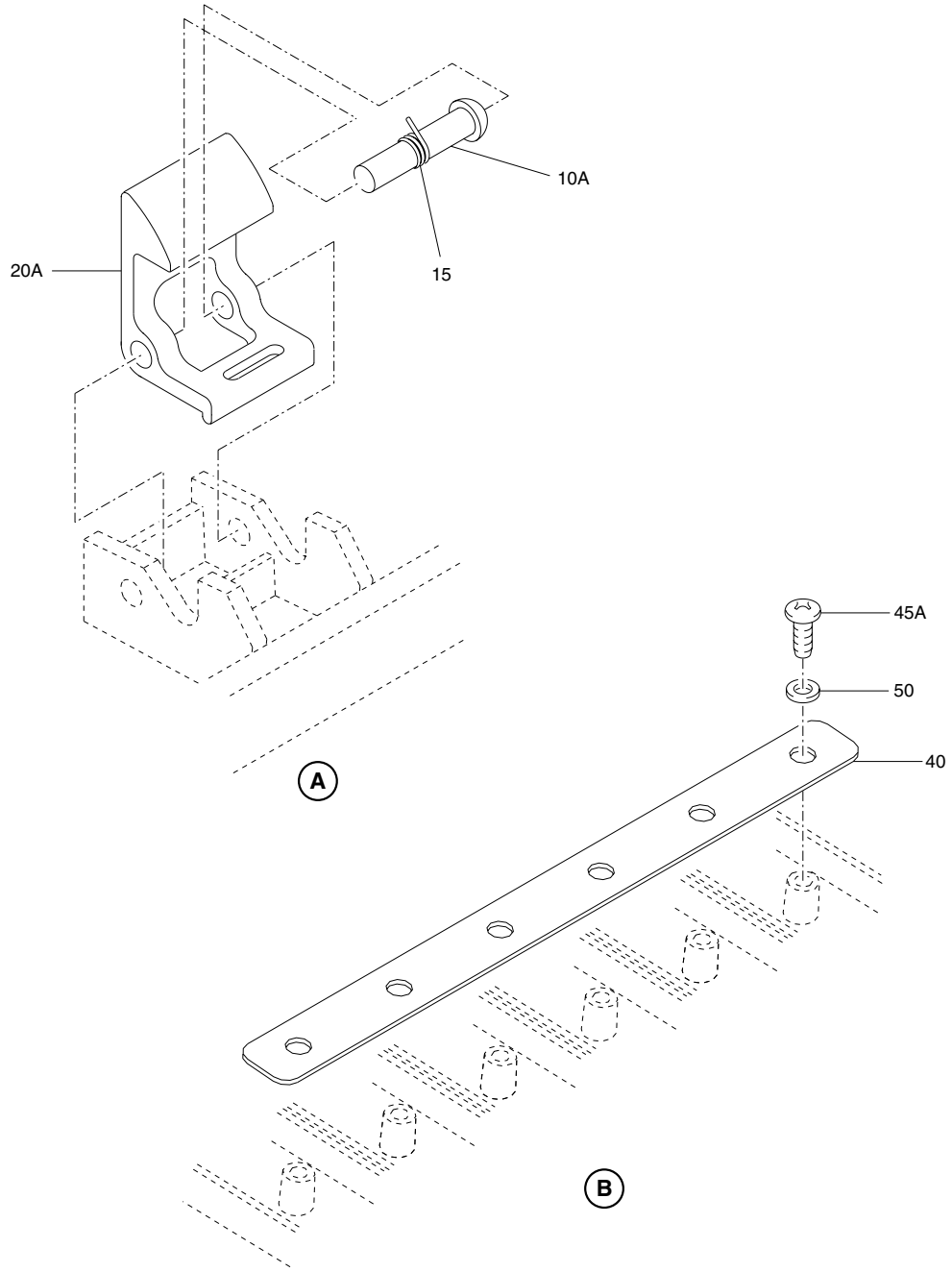
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6B – 1	9326117-103		PANEL ASSY, FILLER SEE FIG. 1F FOR NHA SEE FIG. 1K FOR NHA SEE FIG. 1N FOR NHA	A	RF
– 1A	9326117-105		PANEL ASSY, FILLER SEE FIG. 1K FOR NHA SEE FIG. 1N FOR NHA	B	RF
5	MS20470B3-13		. PIN		2
10	T025-180-140L		. SPRING, TORSION (V74197)		2
15	7271022-3		. CATCH, PSU LATCH (ALT PN 7271022-1)		2
– 20	9326115-1		. PAD, ANTI-RATTLE SUPSD BY ITEM -20A		2
– 20A	CDEX0307-7		. PAD, ANTI-RATTLE SUPSD BY ITEM 20B SUPSDS ITEM -20		2
20B	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -20A		2
25	9326239-11		. BRACKET	A	2
– 25A	9326239-13		. BRACKET	B	2
			ATTACHING PARTS		
30	MS24625-19		. SCREW	A	4
– 30A	MS24625-19		. SCREW	B	6
35	NAS1149DN616K		. WASHER	A	4
– 35A	NAS1149DN616K		. WASHER	B	6
			* * *		
40	9326203-1		. PANEL, FILLER	A	2
– 40A	9326203-1		. PANEL, FILLER	B	3

– ITEM NOT ILLUSTRATED



25284806C01

Filler Panel Assembly
(Sheet 1 of 2)
Figure 6C/GRAPHIC 25-28-48-99b-025-A01



Filler Panel Assembly
(Sheet 2 of 2)
Figure 6C/GRAPHIC 25-28-48-99b-025-A01

This page intentionally left blank.

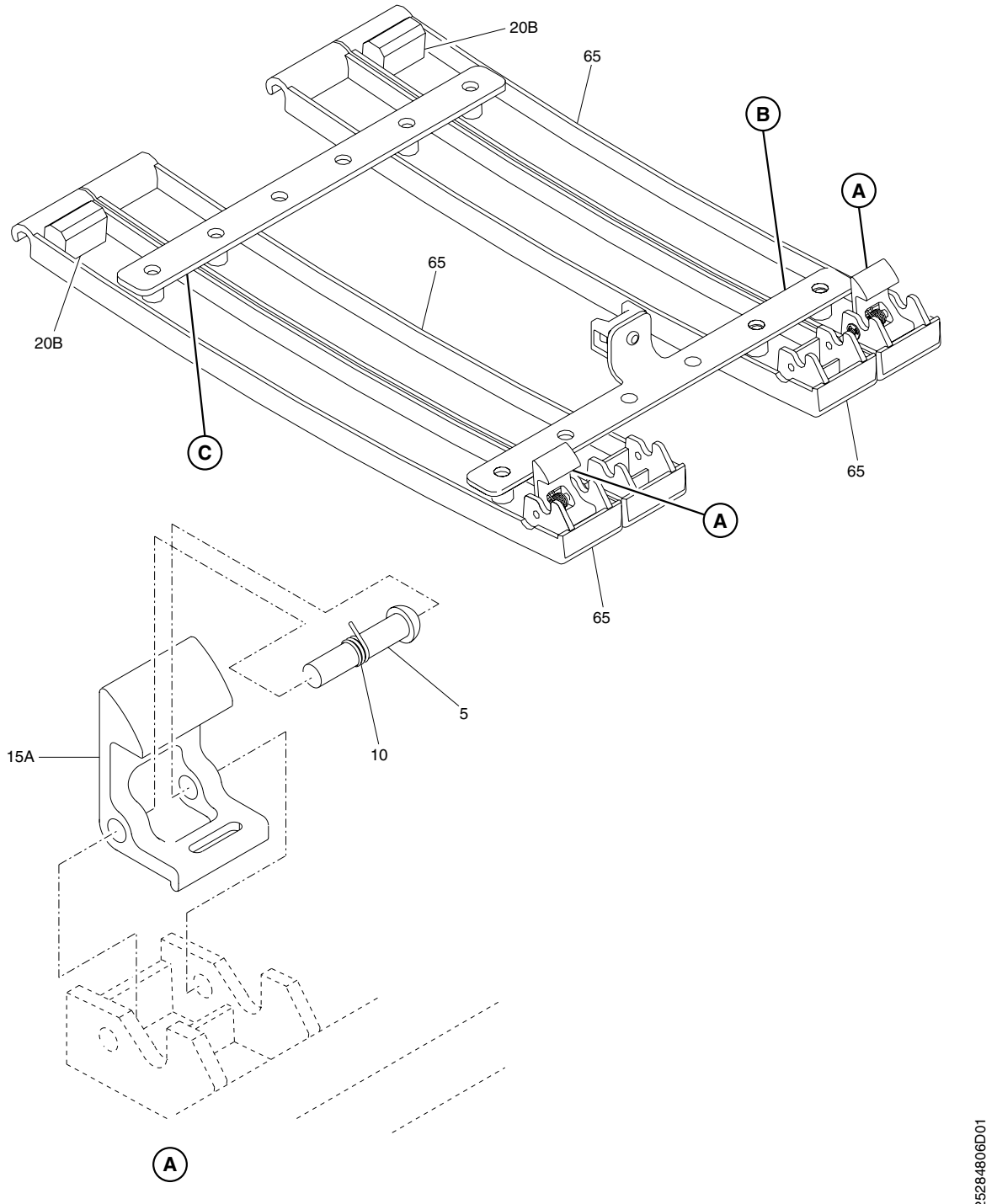
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6C – 1	9326103-107		PANEL ASSY, FILLER SEE FIG. 1N FOR NHA	A	RF
– 1A	9326117-107		PANEL ASSY, FILLER SEE FIG. 1K FOR NHA	B	RF
– 5	MS16633-4009		. RING, RETAINING	A	4
– 10	7271023-1		. PIN, PSU LATCH SUPSD BY ITEM 10A	A	2
10A	MS20470B3-13		. PIN SUPSDS ITEM -10		2
15	T025-180-140L		. SPRING, TORSION (V74197)		2
– 20	7271022-1		. LATCH (ALT PN TO 7271022-3) SUPSD BY ITEM 20A	A	2
20A	7271022-3		. CATCH, PSU LATCH (ALT PN TO 7271022-1) SUPSDS ITEM -20		2
– 25	9326103-3		. DELETED	A	D
– 30	9326103-5		. DELETED	A	D
– 35	9326103-1		. PAD, ANTI-RATTLE SUPSD BY ITEM 35A	A	2
35A	9326115-1		. PAD, ANTI-RATTLE SUPSDS ITEM -35	A	2
– 35B	CDEX0633-7		. PAD, ANTI-RATTLE	B	2
40	9326239-15		. BRACKET		2
			ATTACHING PARTS		
– 45	MS51861-23C		. SCREW SUPSD BY ITEM 45A	A	12
45A	MS51861-24		. SCREW SUPSDS ITEM -45	A	12
– 45B	MS24625-19		. SCREW	B	12

– ITEM NOT ILLUSTRATED

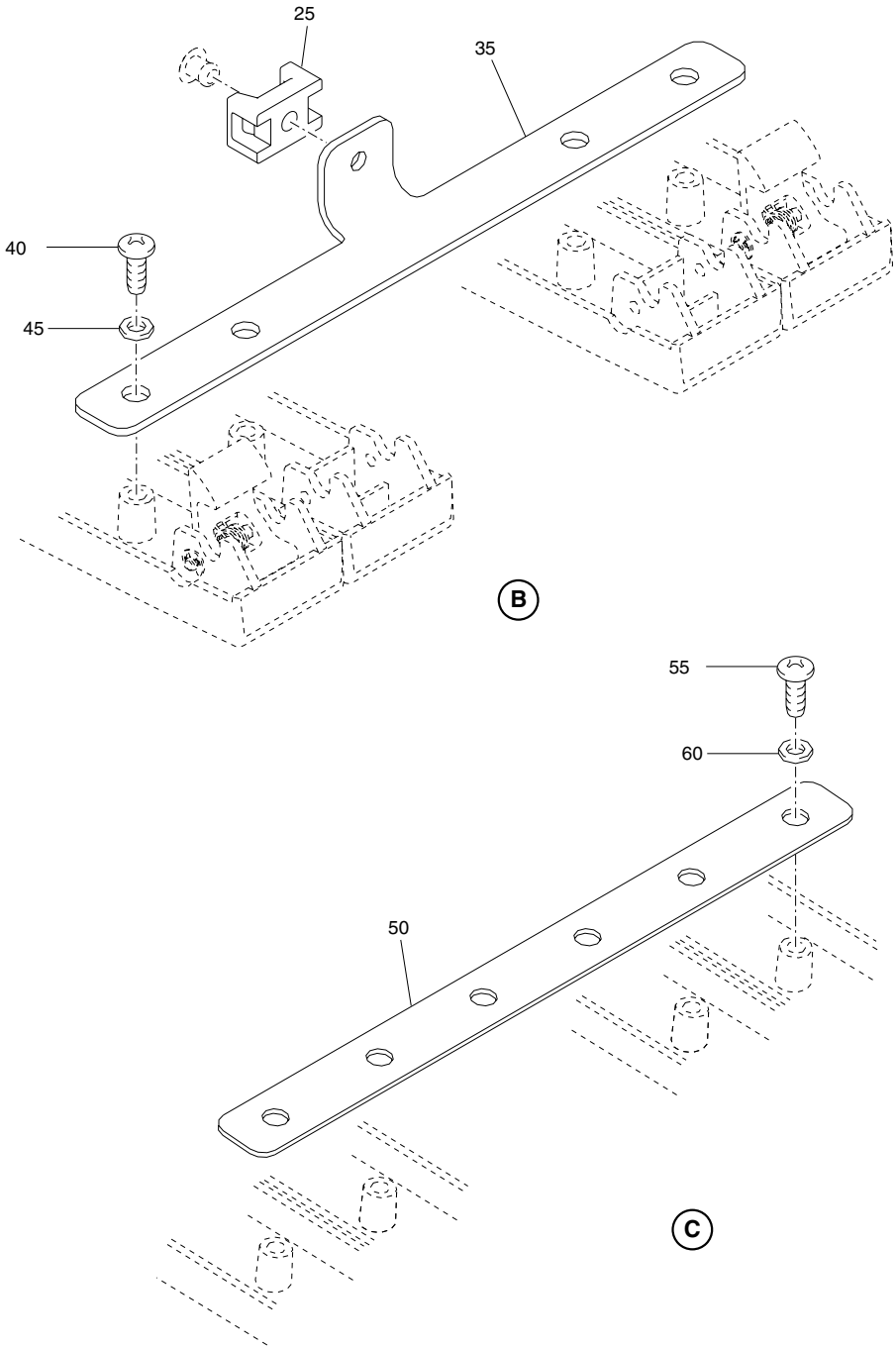
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6C 50	NAS1149DN616K		. WASHER		12
			* * *		
55	9326203-1		. PANEL, FILLER		6

– ITEM NOT ILLUSTRATED

This page intentionally left blank.



Filler Panel Assembly
(Sheet 1 of 2)
Figure 6D/GRAPHIC 25-28-48-99b-026-A01



Filler Panel Assembly
(Sheet 2 of 2)
Figure 6D/GRAPHIC 25-28-48-99b-026-A01

This page intentionally left blank.

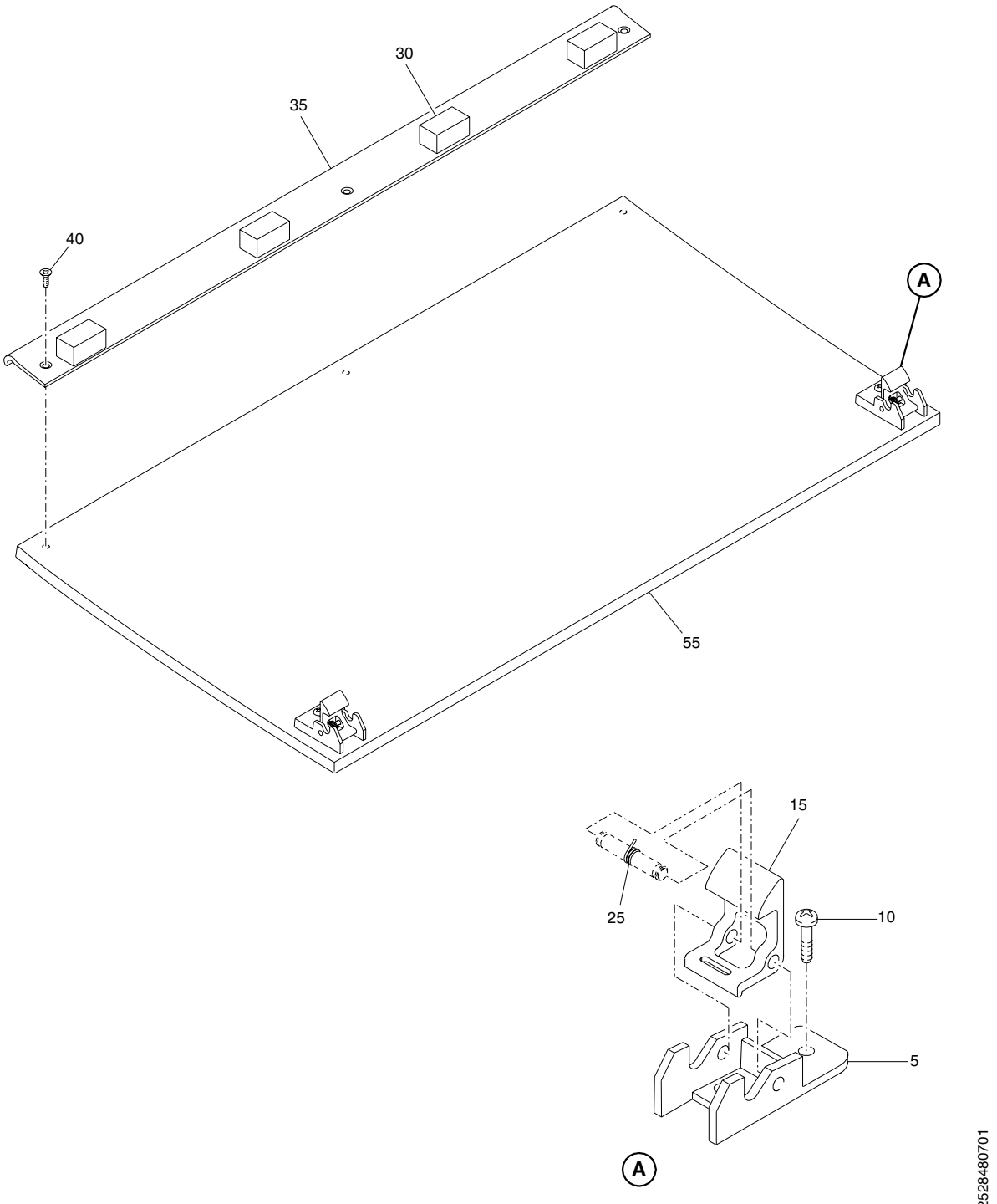
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6D – 1	9326117-109		PANEL ASSY, FILLER		RF
5	MS20470B3-13		. PIN		2
10	T025-180-140L		. SPRING, TORSION (V74197)		2
– 15	7271022-1		. LATCH (ALT PN TO 7271022-3) SUPSD BY ITEM 15A		2
15A	7271022-3		. CATCH, PSU LATCH (ALT PN TO 7271022-1) SUPSDS ITEM -15		2
– 20	9326115-1		. PAD, ANTI-RATTLE SUPSD BY ITEM -20A		2
– 20A	CDEX0307-7		. PAD, ANTI-RATTLE (BONDED) SUPSD BY ITEM 20B SUPSDS ITEM -20		2
20B	CDEX0633-7		. PAD, ANTI-RATTLE SUPSDS ITEM -20A		2
25	TM2S6C		. MOUNT, CABLE TIE (V06383) (TRUE PN TM2S6-C)		1
			ATTACHING PARTS		
– 30	AD43BS		. RIVET		1
			* * *		
35	9326239-29		. BRACKET		1
			ATTACHING PARTS		
40	MS24625-19		. SCREW		4
45	NAS1149DN616K		. WASHER		4
			* * *		
50	9326239-15		. BRACKET		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6D			ATTACHING PARTS		
55	MS24625-19		. SCREW		4
60	NAS1149DN616K		. WASHER		4
			* * *		
65	9326203-1		. PANEL, FILLER		4

– ITEM NOT ILLUSTRATED

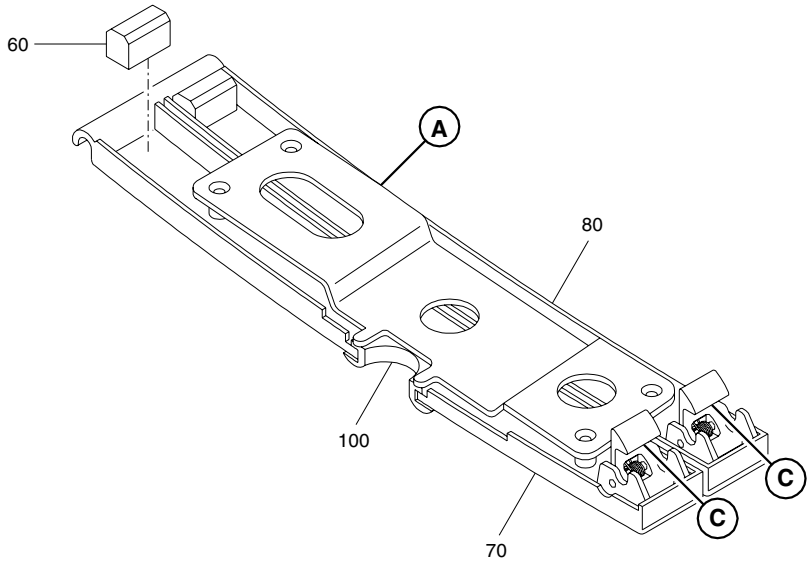
This page intentionally left blank.



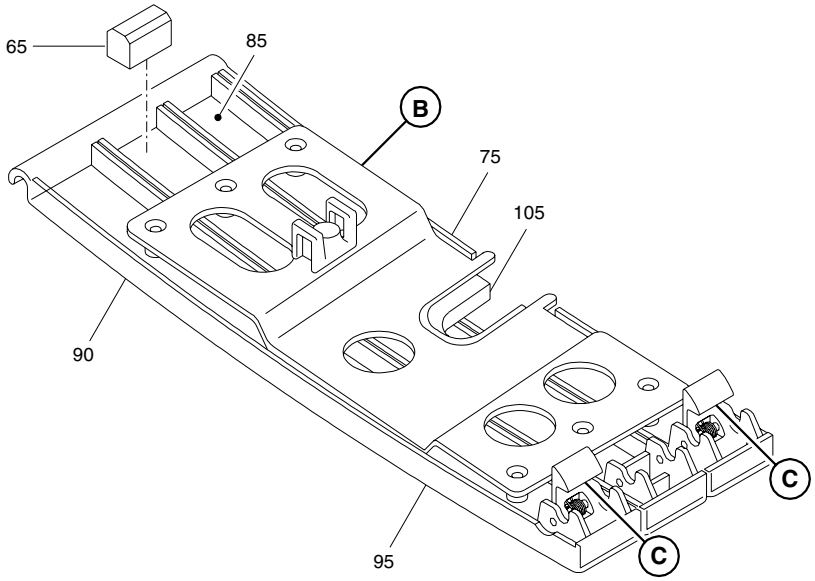
Filler Panel Assembly
Figure 7/GRAPHIC 25-28-48-99b-027-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
7 – 1	9326119-101		FILLER PANEL ASSY		RF
5	7271058-5		. LATCH HOUSING, PSU		2
			ATTACHING PARTS		
10	NAS514P632-3		. SCREW		4
			* * *		
15	7271022-3		. CATCH, PSU LATCH		2
			ATTACHING PARTS		
– 20	MS20470B3-13		. PIN		2
			* * *		
25	T025-180-140L		. SPRING, TORSION (V74197)		2
30	9326119-1		. FOAM		4
35	9326255-1		. HINGE		1
			ATTACHING PARTS		
40	NAS514P632-3		. SCREW		3
			* * *		
– 45	9326250-501		. FILLER PANEL ASSY		1
– 50	CDIN07-06-07		. . INSERT		7
55	9326250-1		. . FILLER PANEL		1
– 60	9326119-99		. . DECOR (INCORRECT PN)		D
– 60A	9326250-99		. . DECOR (BONDED) (CORRECT PN)		AR

– ITEM NOT ILLUSTRATED



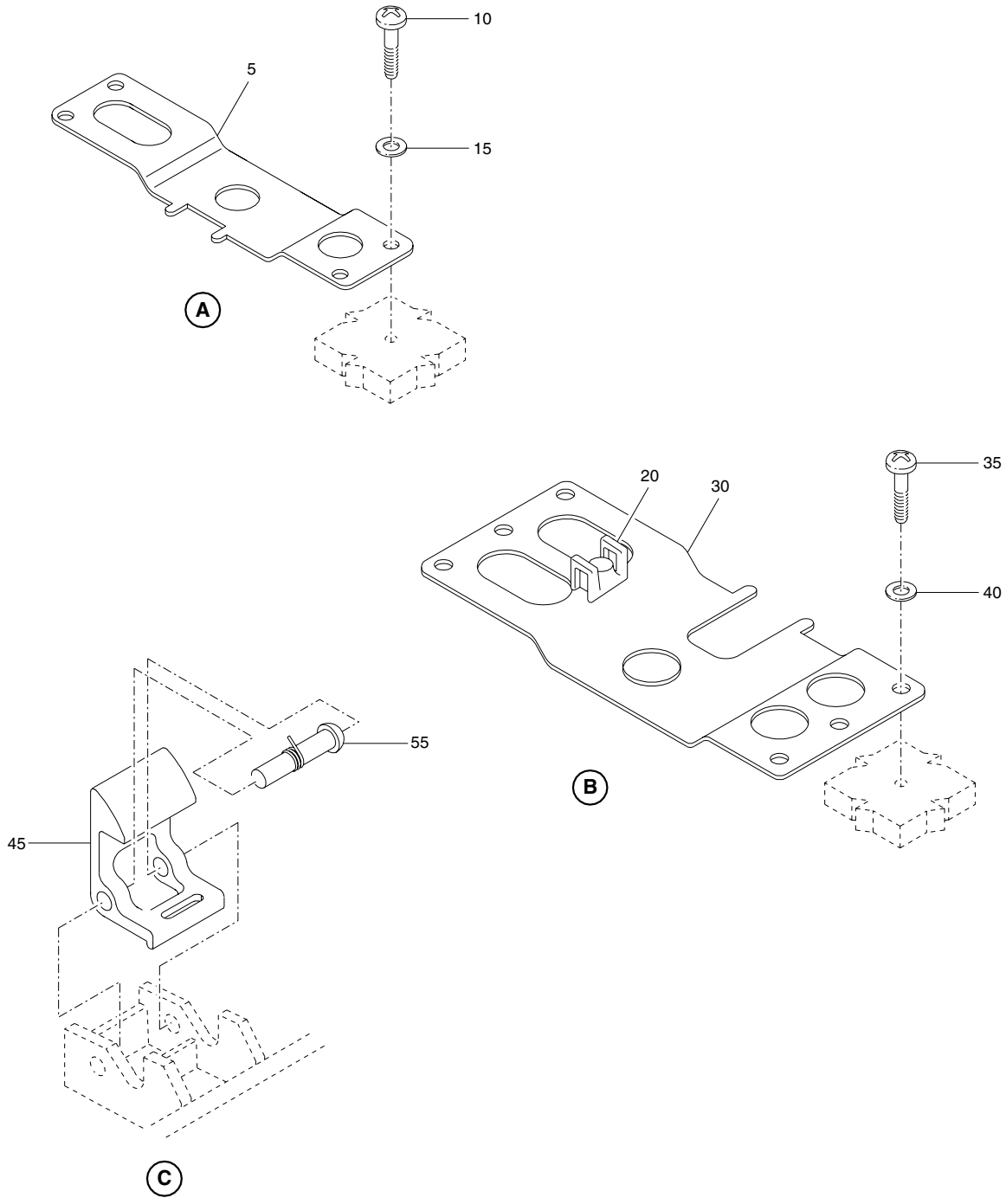
ONLY FOR –101



ONLY FOR –103

25284807A01

Filler Panel Assembly
(Sheet 1 of 2)
Figure 7A/GRAPHIC 25-28-48-99b-028-A01



Filler Panel Assembly
(Sheet 2 of 2)
Figure 7A/GRAPHIC 25-28-48-99b-028-A01

This page intentionally left blank.

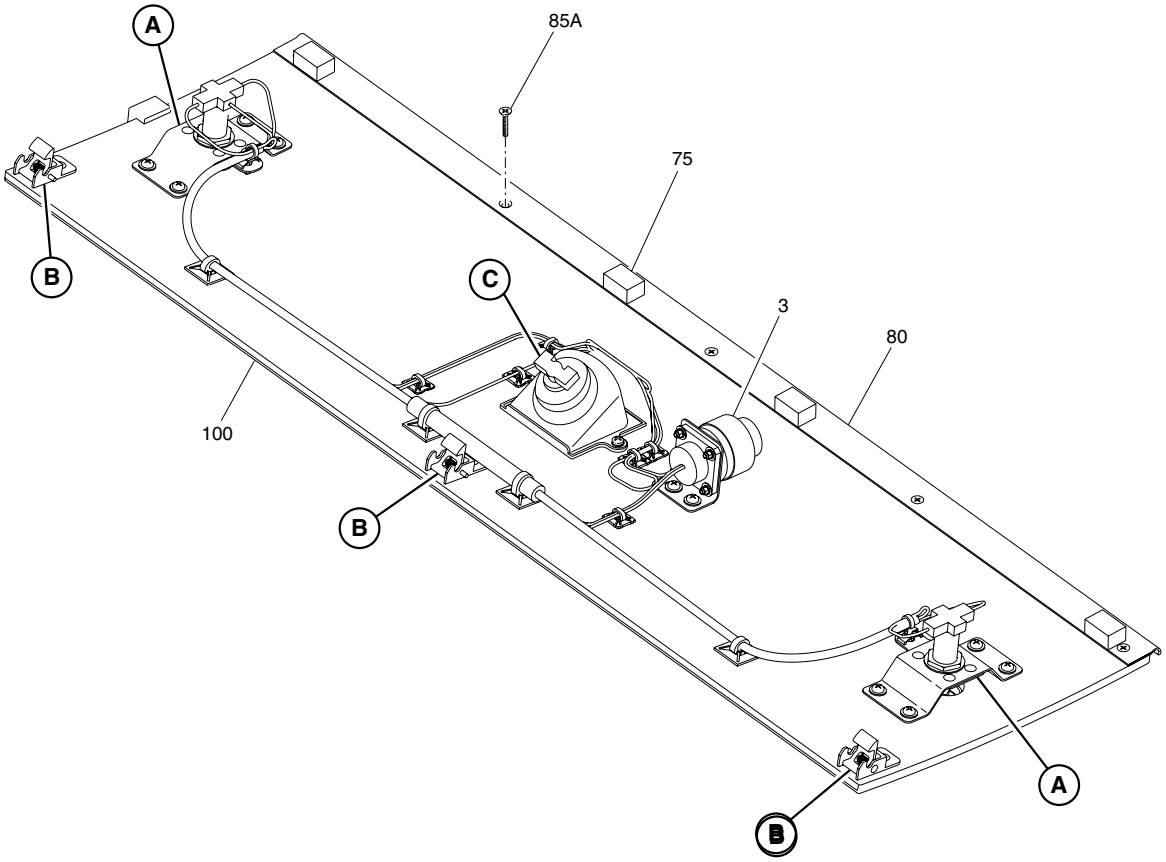
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
7A – 1	9326118-101		FILLER PANEL ASSY	A	RF
– 1A	9326118-103		FILLER PANEL ASSY	B	RF
5	9326238-7		. BRACKET	A	1
			ATTACHING PARTS		
10	MS24625-20		. SCREW	A	4
15	NAS1149DN616K		. WASHER	A	4
			* * *		
20	TM2S6C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TM2S6-C)	B	1
			ATTACHING PARTS		
– 25	AD43BS		. RIVET	B	1
			* * *		
30	9326238-9		. BRACKET	B	1
			ATTACHING PARTS		
35	MS24625-20		. SCREW	B	6
40	NAS1149DN616K		. WASHER	B	6
			* * *		
45	7271022-3		. CATCH, PSU LATCH		2
			ATTACHING PARTS		
– 50	MS20470B3-13		. RIVET		2
			* * *		
55	T025-180-140L		. SPRING, TORSION (V74197)		2
60	CDEX0633-7		. PAD, ANTI-RATTLE	A	2
65	CDEX0633-7		. PAD, ANTI-RATTLE	B	1
70	9326213-1		. FILLER PANEL, END	A	1

– ITEM NOT ILLUSTRATED

FIG. ITEM		PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
7A	75	9326213-2		. FILLER PANEL, END	B	1
	80	9326213-3		. FILLER PANEL, BEZEL TRIM	A	1
	85	9326213-4		. FILLER PANEL, BEZEL TRIM	B	1
	90	9326213-5		. FILLER PANEL, LATCH	B	2
	95	9326213-7		. FILLER PANEL, HINGE	B	1
	100	9326214-1		. BEZEL, SM (BONDED)	A	1
	105	9326214-3		. BEZEL, LG (BONDED)	B	1

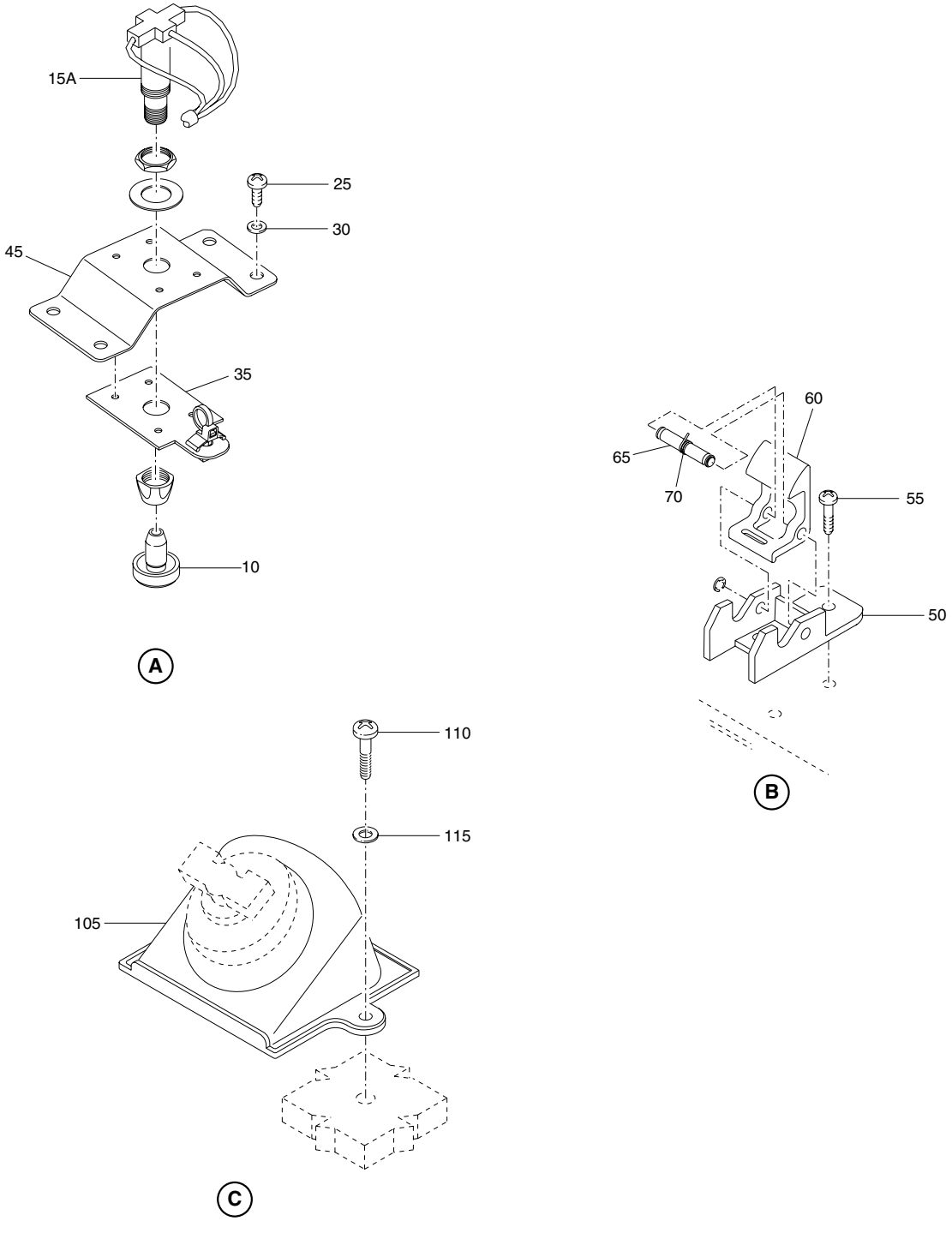
– ITEM NOT ILLUSTRATED

This page intentionally left blank.



2528480801

Filler Panel Assembly
(Sheet 1 of 2)
Figure 8/GRAPHIC 25-28-48-99b-029-A01



Filler Panel Assembly
(Sheet 2 of 2)
Figure 8/GRAPHIC 25-28-48-99b-029-A01

This page intentionally left blank.

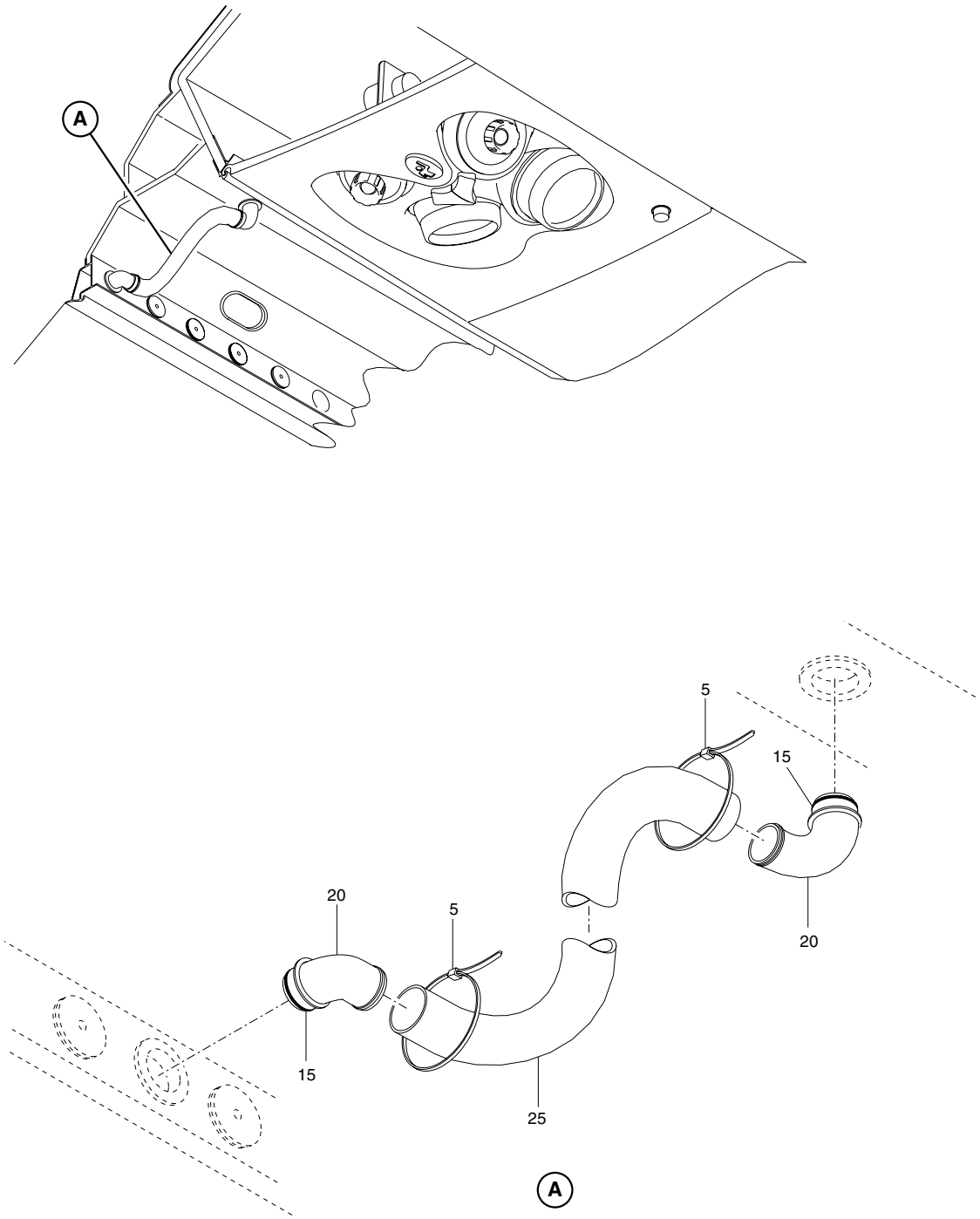
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8 – 1	9326120-101		FILLER PANEL ASSY PRE SB A302001-25-02	A	RF
– 1A	9326120-103		FILLER PANEL ASSY ADDED POST SB A302001-25-02	B	RF
3	A307003-501		. ELECTRICAL INSTL, PSU PANEL SEE FIG. 11 FOR DET		1
– 4	A307003-503		. ELECTRICAL INSTL, PSU PANEL SEE FIG. 11 FOR DET		1
– 5	CDSP4635-503		. SWITCH ASSY		2
10	CDSP4636-3		. . BUTTON, READING LIGHT (GOLD)		1
– 15	SW44324		. . SWITCH, READING LAMP (V07150) (3 WAY) SUPSD BY ITEM 15A		1
15A	SW44122		. . SWITCH, READING LAMP (V07150) (FN 10164 AND SUBSEQUENT) SUPSDS ITEM -15		1
– 20	9326256-501		. BRACKET ASSY		2
			ATTACHING PARTS		
25	MS35206-226		. SCREW		8
30	NAS1149DN632J		. WASHER		8
			* * *		
35	9326256-3		. . BRACKET		1
			ATTACHING PARTS		
– 40	AD42BS		. . RIVET		4
			* * *		
45	9326256-1		. . BRACKET		1
50	7271058-5		. LATCH HOUSING, PSU		3

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8			ATTACHING PARTS		
55	NAS514P632-3		. SCREW		6
			* * *		
60	7271022-3		. CATCH, PSU LATCH		3
			ATTACHING PARTS		
65	MS20470B3-13		. PIN		3
			* * *		
70	T025-180-140L		. SPRING, TORSION (V74197)		3
75	9326120-1		. FOAM		4
80	9326255-3		. HINGE		1
			ATTACHING PARTS		
– 85	MS35206-226		. SCREW SUPSD BY ITEM 85A		5
85A	NAS514P632-3		. SCREW SUPSDS ITEM -85		5
			* * *		
– 90	9326250-503		. FILLER PANEL ASSY	A	1
– 90A	9326250-505		. FILLER PANEL ASSY	B	1
– 95	CDIN07-06-07		. . INSERT		27
100	9326250-3		. . FILLER PANEL		1
105	7271012-9		. LIGHT BUCKET	B	1
			ATTACHING PARTS		
110	MS35206-226		. SCREW	B	2
115	NAS1149DN632J		. WASHER	B	2
			* * *		
– 120	CDPL604-1A30200		. PLACARD (BONDED) (TRUE PN CDPL604-1-A302001-25-02)		1

– ITEM NOT ILLUSTRATED

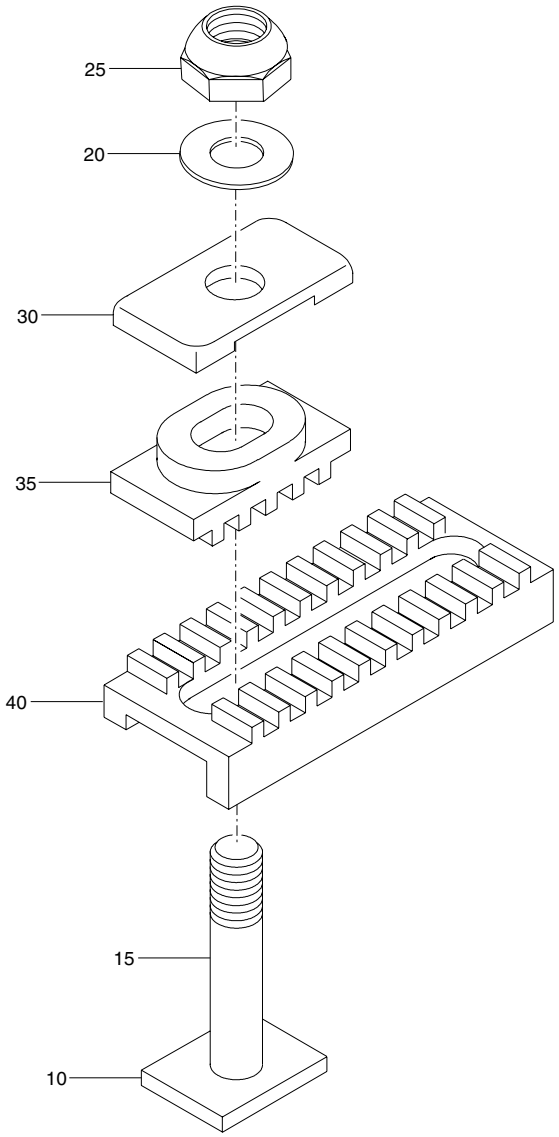
This page intentionally left blank.



Air Hose Assembly
Figure 9/GRAPHIC 25-28-48-99b-030-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
9 – 1	9326235-503		AIR HOSE ASSY SEE FIG. 1L FOR NHA		RF
5	MS3367-4-9		. CABLE TIE		2
– 10	9326232-503		. CONNECTOR ASSY, MALE		2
15	9452K71		. . O-RING (V3A054)		1
20	9326232-3		. . CONNECTOR, MALE		1
25	9326236-3		. AIR HOSE		1

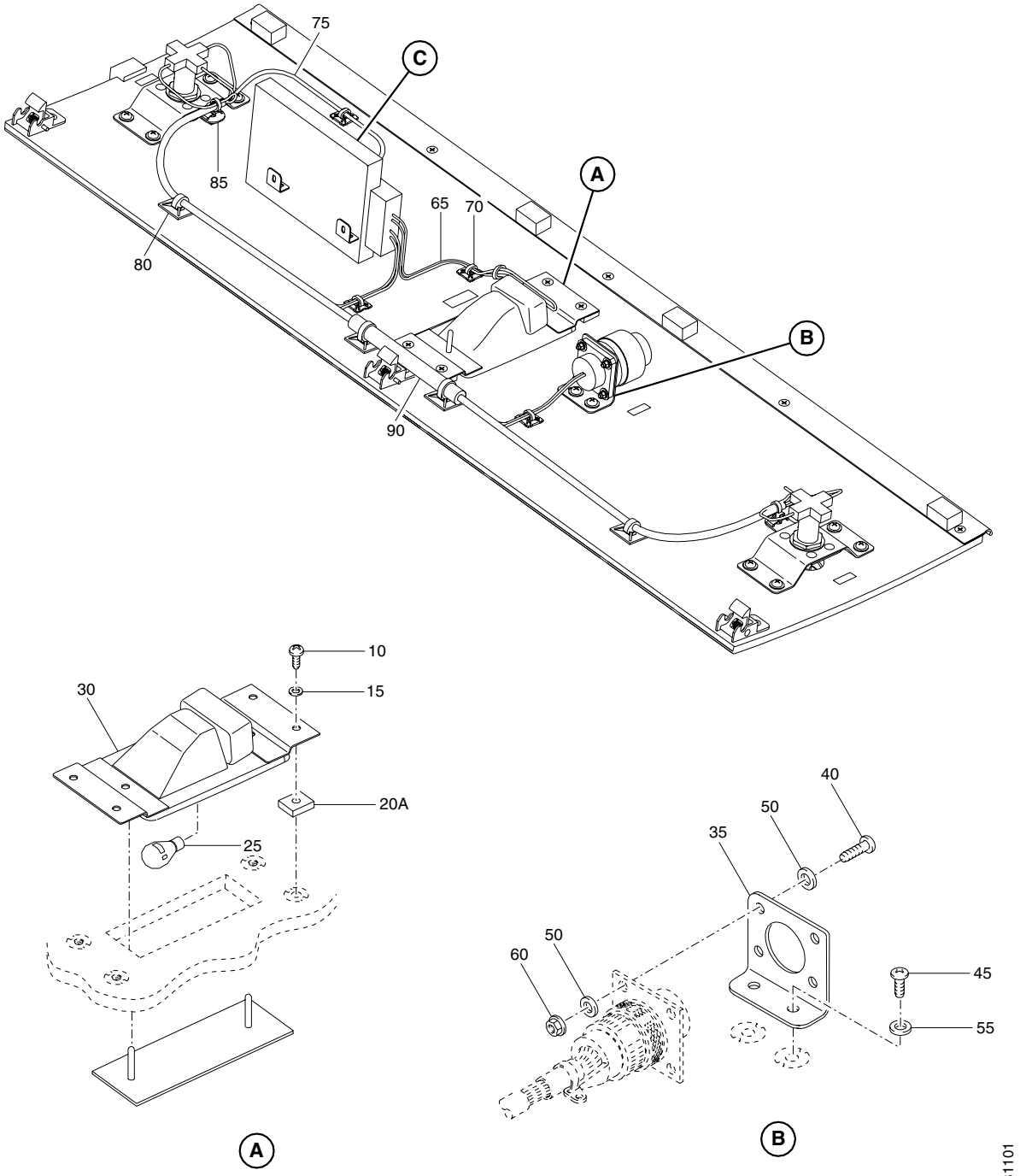
– ITEM NOT ILLUSTRATED



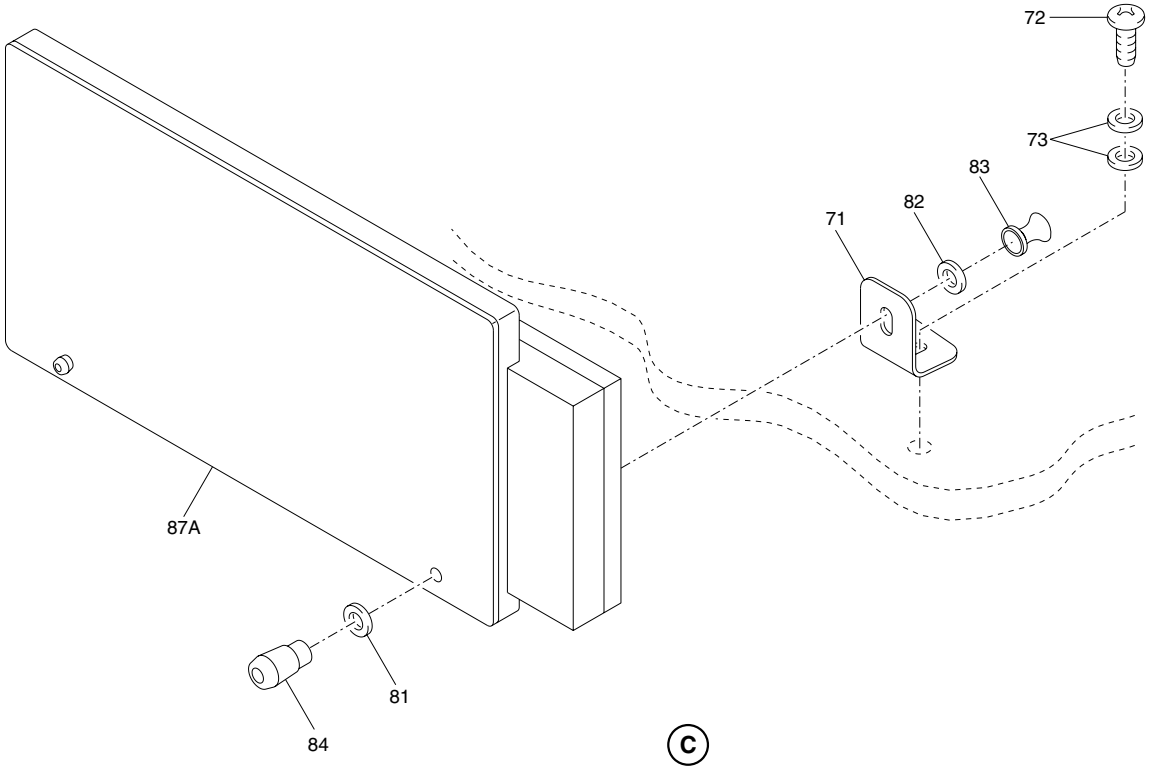
Forward Load Clamp Assembly
Figure 10/GRAPHIC 25-28-48-99b-031-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10 – 1	9326234-507		CLAMP ASSY, FWD LOAD SEE FIG. 1K FOR NHA	A	RF
– 1A	9326234-501		CLAMP ASSY, FWD LOAD SEE FIG. 1L FOR NHA	B	RF
– 1B	9326234-505		CLAMP ASSY, FWD LOAD	C	RF
– 5	9326234-503		. STUD PLATE ASSY		1
10	9326234-7		. . STUD PLATE		1
15	FH832-14		. . STUD (V46384) (TRUE PN FH-832-14)		1
20	NAS1149DN832K		. WASHER		1
25	MS21083D08		. NUT (TRUE PN MS21083-D08)		1
30	9326234-13		. CLAMP BLOCK, UPR	A	1
– 30A	9326234-5		. CLAMP BLOCK, UPR	B	1
– 30B	9326234-17		. CLAMP BLOCK, UPR	C	1
35	9326234-11		. CLAMP BLOCK, LWR	A	1
– 35A	9326234-3		. CLAMP BLOCK, LWR	B	1
– 35B	9326234-15		. CLAMP BLOCK, LWR	C	1
40	9326234-9		. LOAD BLOCK	A,C	1
– 40A	9326234-1		. LOAD BLOCK	B	1

– ITEM NOT ILLUSTRATED



Passenger Service Unit Panel Electrical Installation
(Sheet 1 of 2)
Figure 11/GRAPHIC 25-28-48-99b-032-A01



2528481102

Passenger Service Unit Panel Electrical Installation
(Sheet 2 of 2)
Figure 11/GRAPHIC 25-28-48-99b-032-A01

This page intentionally left blank.

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 – 1	A307003-501		ELECTRICAL INSTL, PSU PANEL SEE FIG. 8 FOR NHA	A	RF
– 1A	A307003-503		ELECTRICAL INSTL, PSU PANEL SEE FIG. 8 FOR NHA	B	RF
– 5	CDEL1013-501		. TABLE LAMP ASSY	A	1
– 5A	CDSP4641-501		. TABLE LAMP ASSY	B	1
			ATTACHING PARTS		
10	MS35206-228		. SCREW	A	4
15	NAS1149FN632P		. WASHER	A	4
			* * *		
– 20	NAS42DD6-8		. SPACER SUPSD BY ITEM 20A	A	4
20A	NAS42DD6-8FC		. SPACER SUPSDS ITEM -20	A	4
25	1309		. . LAMP	A	1
30	BC1-0020-002		. . LIGHT, CABIN EMER (V17023)	A	1
35	9327432-1		. BRACKET, CONNECTOR		1
			ATTACHING PARTS		
40	MS35206-215		. SCREW		4
45	MS35206-226		. SCREW		2
50	NAS1149FN416P		. WASHER		8
55	NAS1149FN632P		. WASHER		2
60	MS21042-04		. NUT, LOCK		4
			* * *		
65	MS3367-4-9		. CABLE TIE		5
70	CDSP4701-1		. MOUNT, CABLE TIE (BONDED)		4

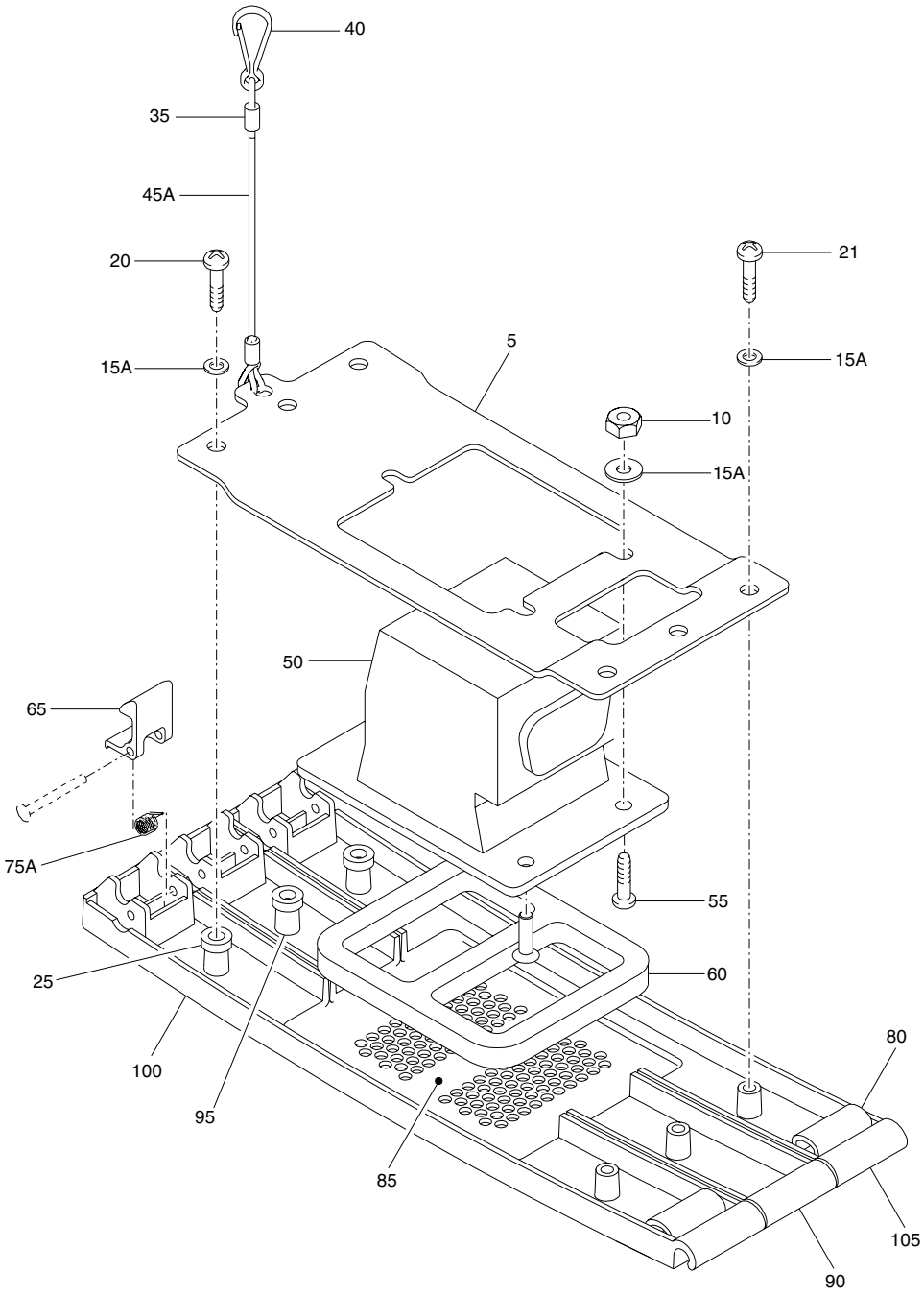
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 71	3863102-27		. BRACKET (FN 10164 AND SUBSEQUENT)		2
			ATTACHING PARTS		
72	MS35206-227		. SCREW		2
73	NAS1149FN632P		. WASHER		4
			* * *		
75	MS3367-5-9		. CABLE TIE		4
80	ABMMD		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN ABMM-D)		4
81	NAS1149D0332J		. WASHER (FN 10164 AND SUBSEQUENT)		2
82	90130A013		. WASHER (FN 10164 AND SUBSEQUENT)		2
83	HN3G33-1		. RIVET (V83014) (FN 10164 AND SUBSEQUENT) (TRUE PN HN3G-33-1)		2
84	HN3P4-1		. RIVET (V83014) (FN 10164 AND SUBSEQUENT) (TRUE PN HN3P-4-1)		2
– 84A	RCGH25		. RACK CARD GUIDE (V6B3V9) (FN 10164 AND SUBSEQUENT) (TRUE PN RCGH-25) (MOVED TO ITEM -87)		D
– 84B	9326752-501		. CIRCUIT BOARD ASSY (FN 10164 AND SUBSEQUENT) (MOVED TO ITEM 87B)		D
85	PLWP1MC		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN PLWP1M-C)		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 – 87	RCGH25		. RACK CARD GUIDE (V6B3V9) (FN 10164 AND SUBSEQUENT) (TRUE PN RCGH-25)		1
87A	9326752-501		. CIRCUIT BOARD ASSY (FN 10164 AND SUBSEQUENT)		1
90	A307003-1		. CORREGATED TUBING (MFD PN CLT25N-C630)		1
– 95	A307103-501		. WIRE HARNESS ASSY	A	1
– 95A	A307103-503		. WIRE HARNESS ASSY	B	1
– 100	MS25036-148		. . DELETED	A	D
– 105	BVD00E0412PN		. . DELETED		D
– 110	MS27488-20		. . DELETED		D
– 115	MS27488-16		. . DELETED		D
– 120	61048-1		. . DELETED		D

– ITEM NOT ILLUSTRATED



Temperature Sensor Panel Assembly
Figure 12/GRAPHIC 25-28-48-99b-033-A01

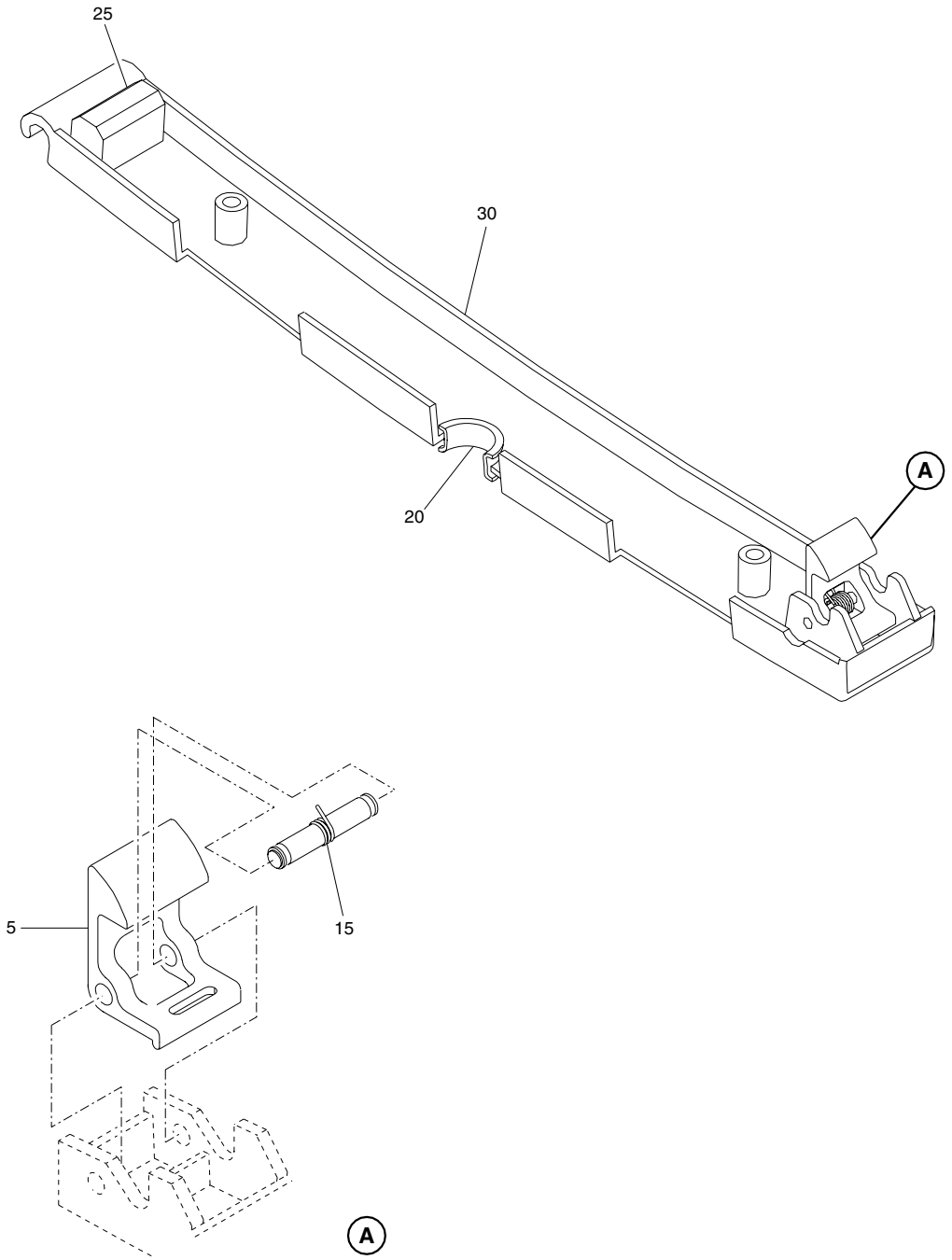
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
12 – 1	9326123-101		PANEL ASSY, TEMPERATURE SENSOR SEE FIG. 1K FOR NHA SEE FIG. 1N FOR NHA		RF
5	9326257-1		. BRACKET, SUPPORT		1
			ATTACHING PARTS		
10	MS21083D06		. NUT (TRUE PN MS21083-D06)		3
– 15	NAS11490N632K		. WASHER (INCORRECT PN)		D
15A	NAS1149DN632K		. WASHER (CORRECT PN)		9
20	MS24625-19		. SCREW		3
21	MS24625-20		. SCREW		3
			* * *		
25	NAS42DD5-6FC		. SPACER		3
– 30	9326261-501		. LANYARD ASSY		1
35	3896T1		. . OVAL SLEEVE (V3A054)		2
40	3960T1		. . SNAP, SPRING (V3A054)		1
– 45	8936T42		. . LANYARD, POLYESTER ROPE (V3A054) SUPSD BY ITEM 45A		1
45A	DC042		. . LANYARD, DACRON ROPE (V55175) SUPSDS ITEM -45		1
50	GG436-2041-3		. SENSOR, TEMP (VDA378)		1
			ATTACHING PARTS		
55	NAS514P632-8		. SCREW		3
			* * *		

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
12 60	9326260-1		. FOAM, SEAL		1
65	7271022-3		. CATCH, PSU LATCH		2
			ATTACHING PARTS		
– 70	MS2047083-13		. RIVET (INCORRECT PN)		D
– 70A	MS20470B3-13		. RIVET (CORRECT PN)		2
			* * *		
– 75	T025-180-14L		. SPRING, TORSION (INCORRECT PN)		D
75A	T025-180-140L		. SPRING, TORSION (V74197) (CORRECT PN)		2
80	CDEX0633-7		. PAD, ANTI-RATTLE		2
85	9326258-1		. AIR GRILL ASSY		1
90	9326259-5		. TEMP SENSOR PANEL, OUTBD (BONDED)		1
95	9326259-3		. TEMP SENSOR PANEL, INBD (BONDED)		1
100	9326259-2		. TEMP SENSOR PANEL, PART B (BONDED)		1
105	9326259-1		. TEMP SENSOR PANEL, PART A (BONDED)		1

– ITEM NOT ILLUSTRATED

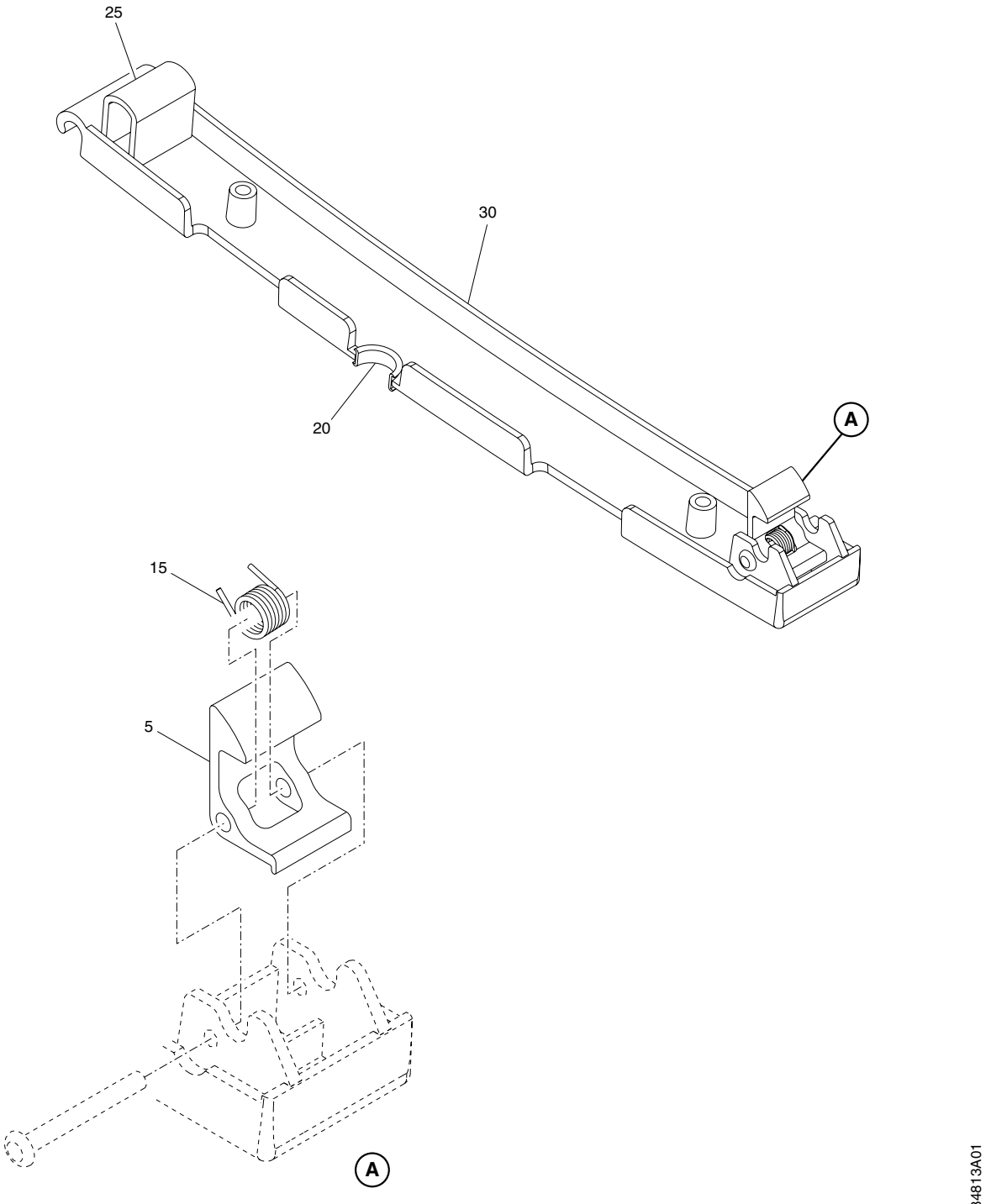
This page intentionally left blank.



Class Divider Filler Panel Assembly
Figure 13/GRAPHIC 25-28-48-99b-034-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
13 – 1	9326125-101		FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 1F FOR NHA SEE FIG. 1H FOR NHA SEE FIG. 1K FOR NHA	A	RF
– 1A	9326125-102		FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 1F FOR NHA SEE FIG. 1H FOR NHA SEE FIG. 1K FOR NHA	B	RF
5	7271022-3		. CATCH, PSU LATCH		1
			ATTACHING PARTS		
– 10	MS20470B3-13		. RIVET		1
			* * *		
15	T025-180-140L		. SPRING, TORSION (V74197)		1
20	9326125-3		. GROMMET (BONDED)		1
25	CDEX0633-7		. PAD, ANTI-RATTLE		1
30	9323125-1		. CLASS DIVIDER PANEL	A	1
– 30A	9323125-2		. CLASS DIVIDER PANEL	B	1
– 35	9323125-2		. CLASS DIVIDER PANEL (MOVED TO ITEM -30A)	B	D

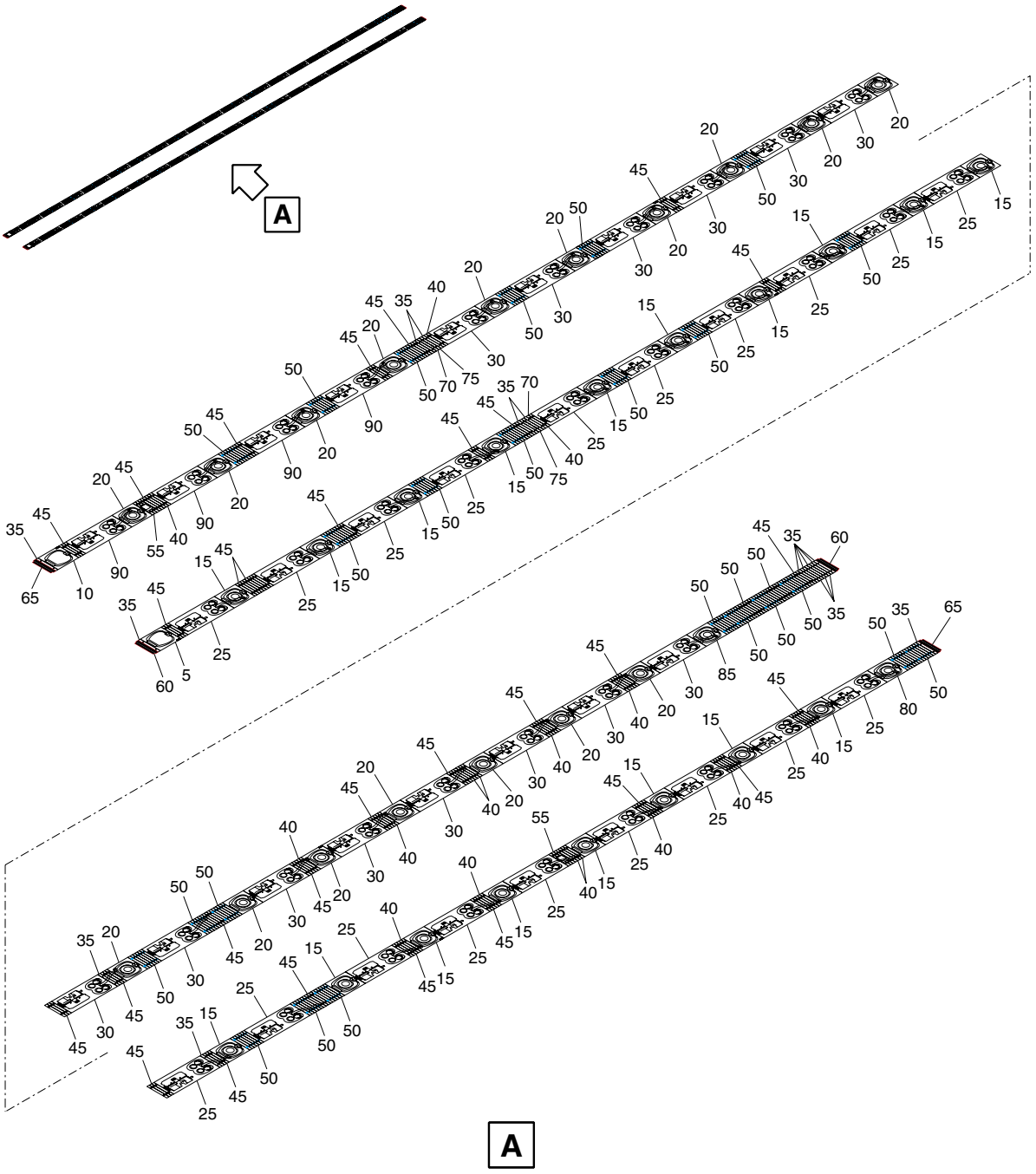
– ITEM NOT ILLUSTRATED



Class Divider Filler Panel Assembly
Figure 13A/GRAPHIC 25-28-48-99b-043-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
13A – 1	H839107-101		FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 1N FOR NHA	A	RF
– 1A	H839107-102		FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 1N FOR NHA	B	RF
– 1B	H839107-103		FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 1N FOR NHA	C	RF
– 1C	H839107-104		FILLER PANEL ASSY, CLASS DIVIDER SEE FIG. 1N FOR NHA	D	RF
5	7271022-3		. CATCH, PSU LATCH		1
			ATTACHING PARTS		
– 10	MS20470B3-13		. RIVET		1
			* * *		
15	T025-180-140L		. SPRING, TORSION (V74197)		1
20	9326125-3		. GROMMET (BONDED)		1
25	CDEX0633-7		. PAD, ANTI-RATTLE		1
30	H839112-1		. CLASS DIVIDER PANEL	A	1
– 30A	H839112-2		. CLASS DIVIDER PANEL	B	1
– 30B	H839112-3		. CLASS DIVIDER PANEL	C	1
– 30C	H839112-4		. CLASS DIVIDER PANEL	D	1

– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
Figure 14/GRAPHIC 25-28-48-99B-041-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14 – 1	H416001-117		PSU INSTL		RF
5	9326124-103		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG.5F FOR DET		1
10	9326124-104		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG.5F FOR DET		1
15	9326124-101		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG.5F FOR DET		19
20	9326124-102		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG.5F FOR DET		19
25	9326121-101		. PSU ASSY, LH SEE FIG.1D FOR DET		20
30	9326121-102		. PSU ASSY, RH SEE FIG.1D FOR DET		16
35	9326117-101		. PANEL ASSY, FILLER SEE FIG.6 FOR DET		12
40	9326117-103		. PANEL ASSY, FILLER SEE FIG.6B FOR DET		10
45	9326117-105		. PANEL ASSY, FILLER SEE FIG.6B FOR DET		18
50	9326117-107		. PANEL ASSY, FILLER SEE FIG.6C FOR DET		20
55	9326123-101		. PANEL ASSY, TEMPERATURE SENSOR SEE FIG.12 FOR DET		2
60	3868104-111		. PANEL ASSY, FILLER SEE FIG.6A FOR DET		2
65	3868104-112		. PANEL ASSY, FILLER SEE FIG.6A FOR DET		2
70	9326125-101		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG.13 FOR DET		2
75	9326125-102		. FILLER PANEL ASSY, CLASS DIVIDER SEE FIG.13 FOR DET		2

– ITEM NOT ILLUSTRATED

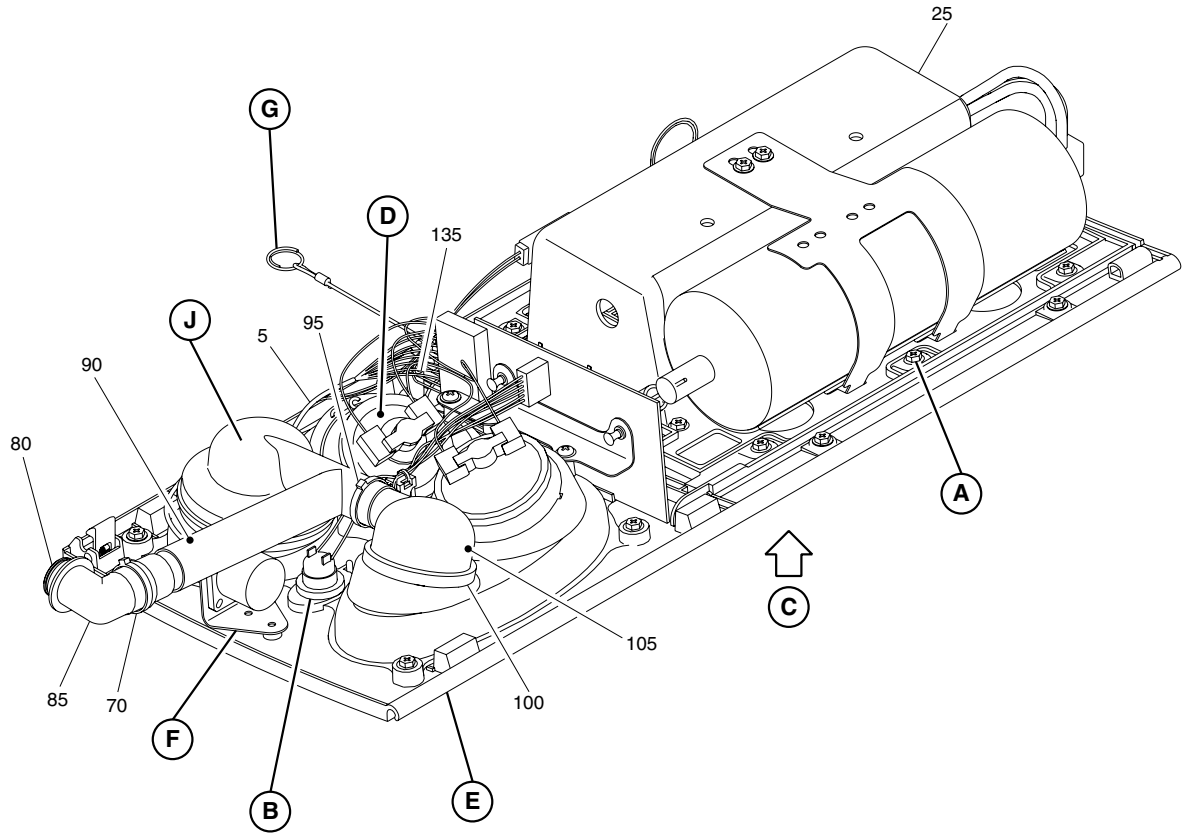
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14 80	9326124-105		. PANEL ASSY, LH SPEAKER/NSFSB SEE FIG.5F FOR DET		1
85	9326124-106		. PANEL ASSY, RH SPEAKER/NSFSB SEE FIG.5F FOR DET		1
90	9326122-102		. GASPER ASSY, OXY/LIGHT SEE FIG.15 FOR DET		4
– 95	9326233-501		. PLUG CONNECTOR		18
– 100	9452K71		. O-RING		40

– ITEM NOT ILLUSTRATED

This page intentionally left blank.

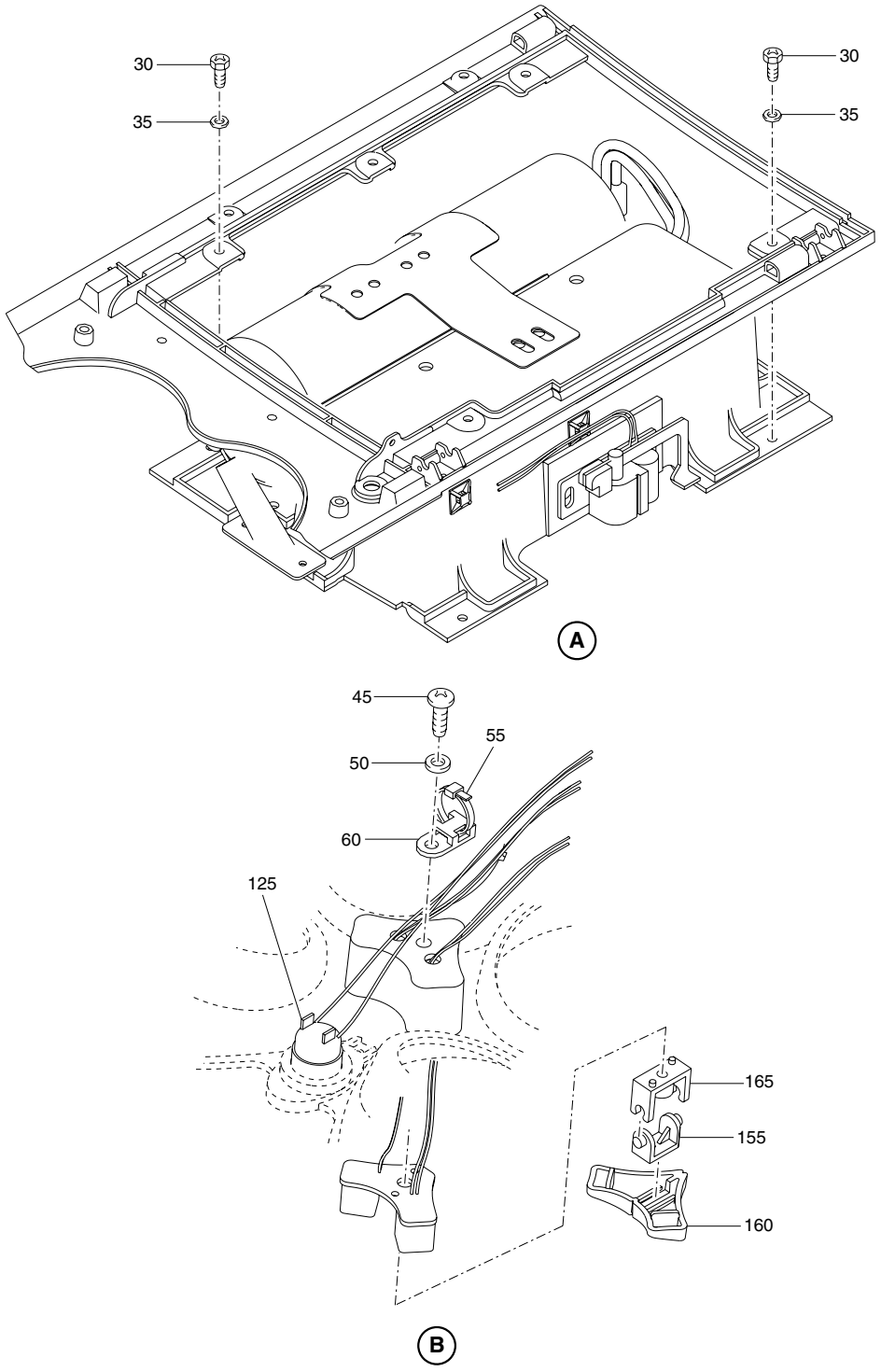
9326122–102
SHOWN

(RH SIDE)

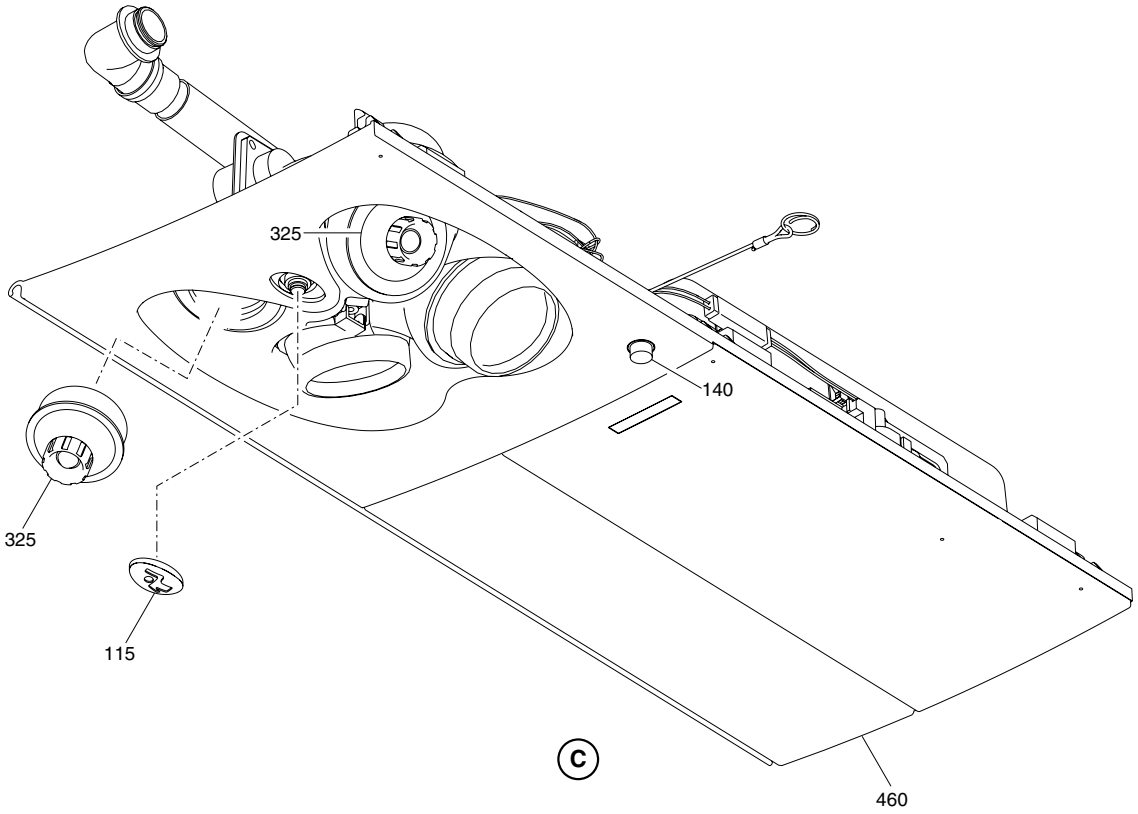


2528481501

Oxygen Light Gasper Panel Assembly
(Sheet 1 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01

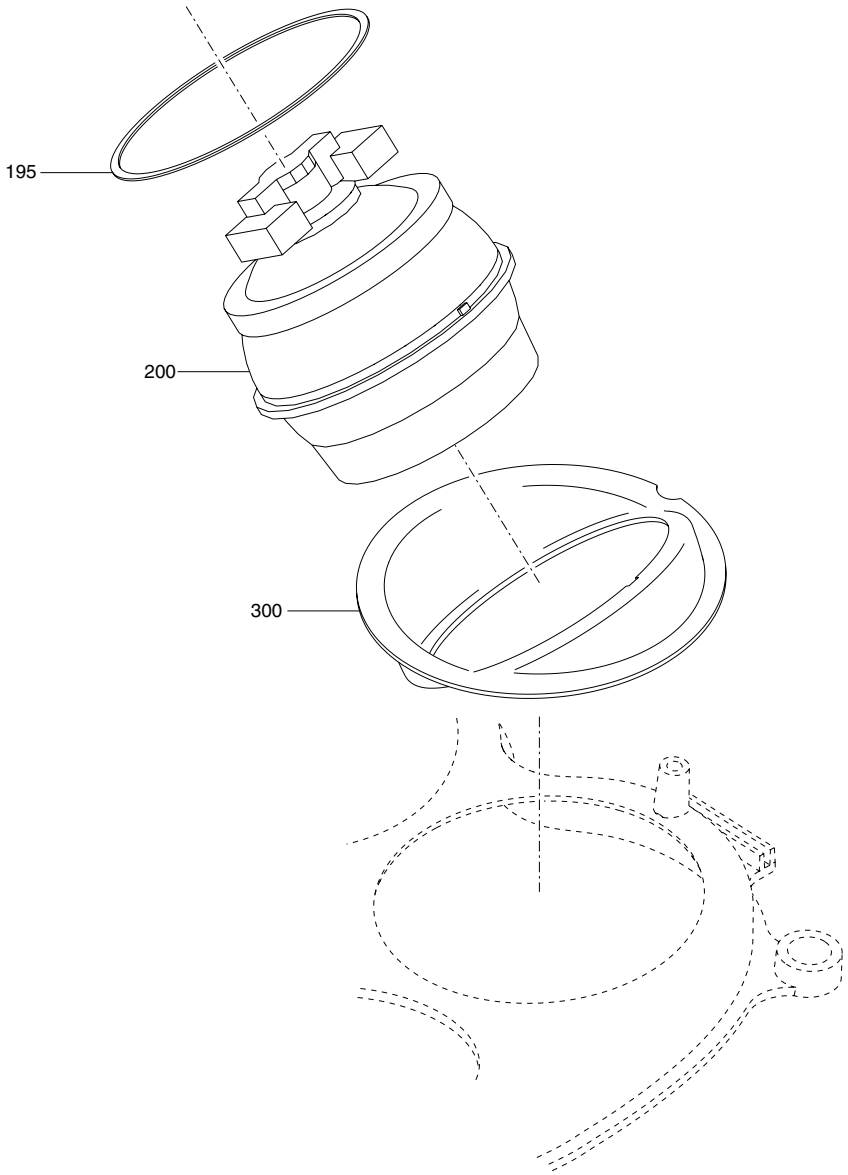


Oxygen Light Gasper Panel Assembly
(Sheet 2 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01

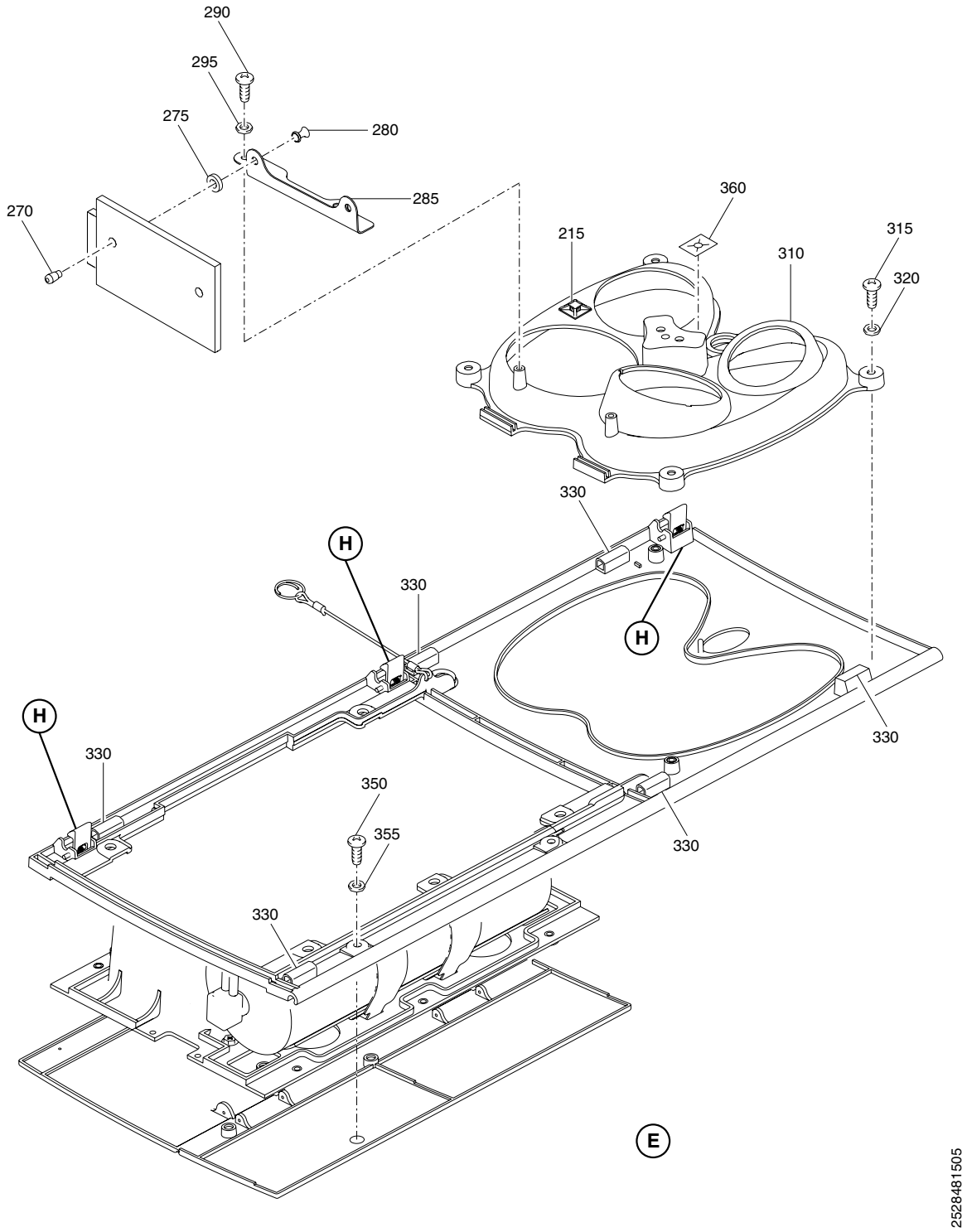


2528481503

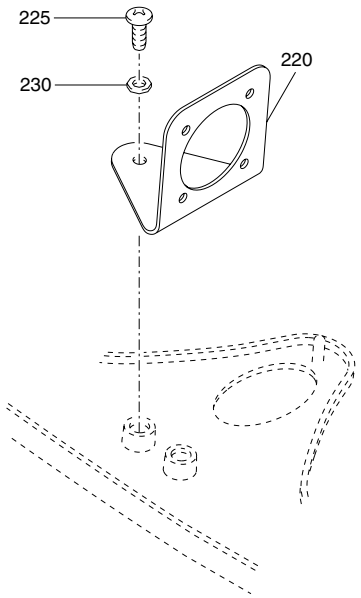
Oxygen Light Gasper Panel Assembly
(Sheet 3 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01



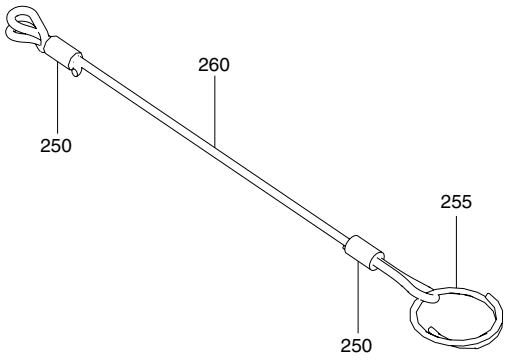
Oxygen Light Gasper Panel Assembly
(Sheet 4 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01



Oxygen Light Gasper Panel Assembly
(Sheet 5 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01



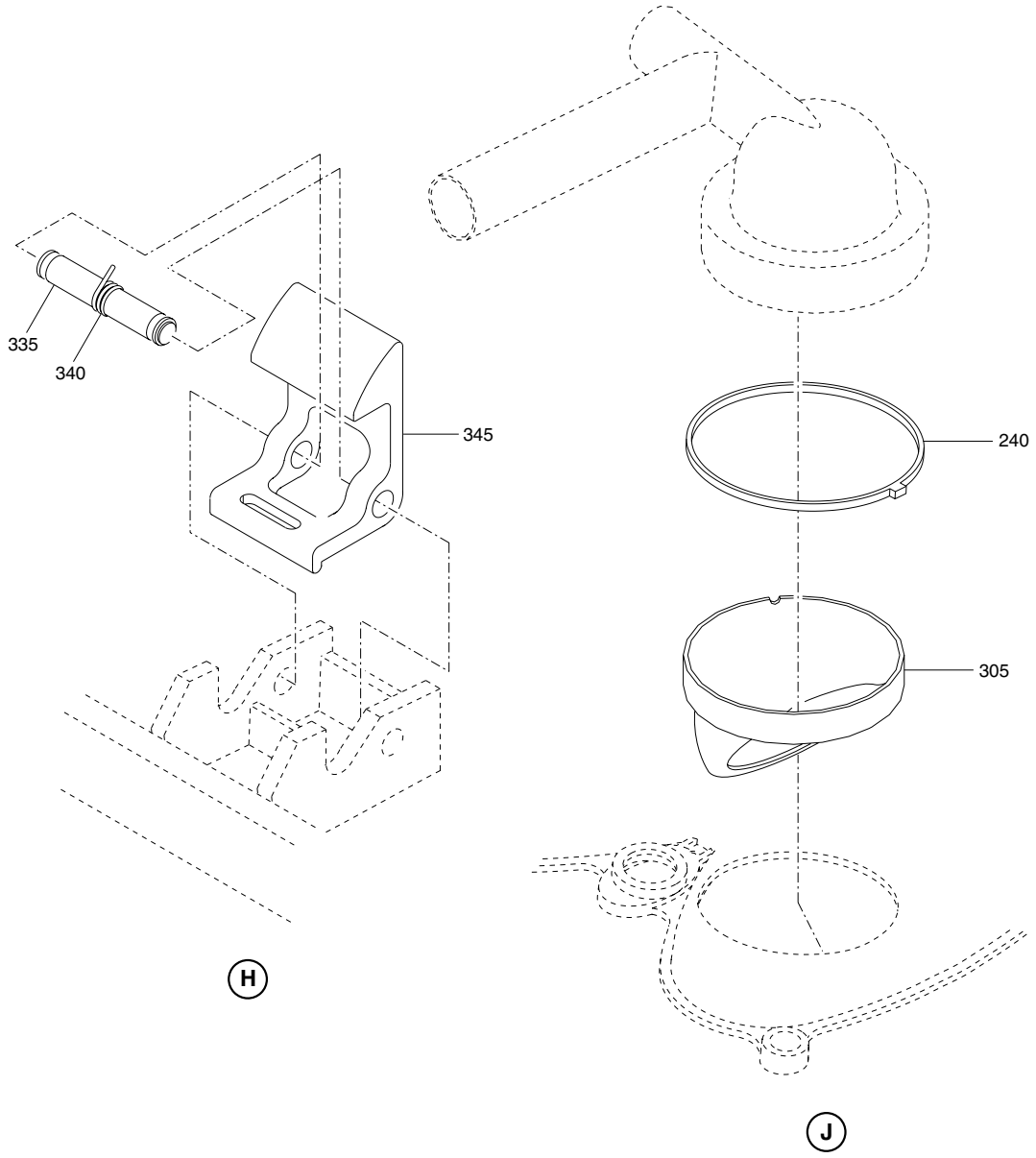
F



G

2528481506

Oxygen Light Gasper Panel Assembly
(Sheet 6 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01



Oxygen Light Gasper Panel Assembly
(Sheet 7 of 7)
Figure 15/GRAPHIC 25-28-48-99B-042-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 – 1	9326122-102		GASPER ASSY, OXY/LIGHT RH		RF
5	9326730-503		. WIRE HARNESS ASSY, PSU (RH SIDE)		1
– 10	MS3367-4-9		. CABLE TIE		2
– 15	170-45513-001		. PAD, FOAM		1
– 20	SRV0-3080		. RIVET, SNAP (V6B3V9)		4
25	3868105-503		. OXYGEN BOX ASSY (RH SIDE) (3 MAN, 13 MINUTES) SEE FIG. FOR DET		1
			ATTACHING PARTS		
30	NAS1096-1-5		. SCREW		5
35	NAS1149DN616K		. WASHER		5
			* * *		
– 40	104257-5		. RECEPTACLE HOUSING (V00779)		1
45	MS24625-21		. SCREW		1
50	NAS1149DN616K		. WASHER		1
55	MS3367-4-9		. CABLE TIE		1
60	TA1S8C		. MOUNT, CABLE TIE (V06383) (BONDED) (TRUE PN TA1S8-C)		1
– 65	9326235-516		. HOSE ASSY, AIR (LH SIDE)		1
70	MS3367-4-9		. . CABLE TIE		1
– 75	9326232-503		. . CONNECTOR ASSY, MALE		1
80	9452K71		. . . O-RING (V3A054)		1
85	9326232-1		. . . CONNECTOR, MALE		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 90	9326236-6		. . AIR HOSE		1
95	MS3367-4-9		. CABLE TIE		1
100	CDSP4514-501		. CLAMP, PLENUM CAP		1
105	CDSP4645-1		. CAP, PLENUM		1
– 110	9326726-505		. SWITCH ASSY, ATT CALL		1
115	9326728-505		. . CAP ASSY, SWITCH		1
– 120	P8-7000021		. . . CAP		D
125	104479-7		. . CONTACT, SOCKET (V3V5D8)		2
– 130	9326727-501		. LIGHT ASSY, ATT CALL		1
135	770258-1		. . RECEPTACLE (V00779)		2
140	961W12G5K28HNW9		. . LED, ATT (V15513) (TRUE PN 961W12-G5K28H-NW9)		1
– 145	CD1275L3		. PLACARD (BONDED) (TRUE PN CD 1275-'L3')		1
– 150	9326207-503		. SWITCH CAP ASSY, READING LIGHT		1
155	9326207-3		. . ROCKER (BONDED)		1
160	9326207-1		. . CAP, LIGHT SWITCH		1
165	9326207-5		. BASE, ROCKER		1
– 170	9326725-501		. PCB ASSY, SWITCH		1
– 175	104479-7		. . CONTACT, SOCKET (V3V5D8)		4
– 180	K12ABK15N		. . SWITCH, KEY (V71468)		2
– 185	9326715-1		. . PCB ARTWORK		1
– 190	9NU408985-10		. RETAINING RING		1
195	9326239-31		. SPACER, WASHER		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 200	CDEL1014-1		. LIGHT, READING		2
– 205	CD1275L1		. PLACARD (BONDED) (TRUE PN CD 1275-'L1')		1
– 210	CD1275L2		. PLACARD (BONDED) (TRUE PN CD 1275-'L2')		1
215	MFTH2-01		. MOUNT, CABLE TIE (V6B3V9) (BONDED) (TRUE PN MFTH-2-01)		1
220	9326238-4		. BRACKET		1
			ATTACHING PARTS		
225	MS24625-19		. SCREW		2
230	NAS1149DN616K		. WASHER		2
			* * *		
– 235	CD1275J3		. PLACARD (BONDED) (TRUE PN CD 1275-'J3')		1
240	MS3367-7-9		. CABLE TIE		1
– 245	9326261-501		. LANYARD ASSY		1
250	3896T1		. . OVAL SLEEVE (V3A054)		2
255	3960T1		. . SNAP, SPRING (V3A054)		1
260	8936T42		. . LANYARD, POLYESTER ROPE (V3A054)		AR
– 265	9326752-502		. PCB ASSY (RH SIDE)		1
270	HN3P33-4-1		. NYLATCH, PLUNGER (V83014) (TRUE PN HN3P-33-4-1)		2
275	90130A013		. SPACER (PCB)		2

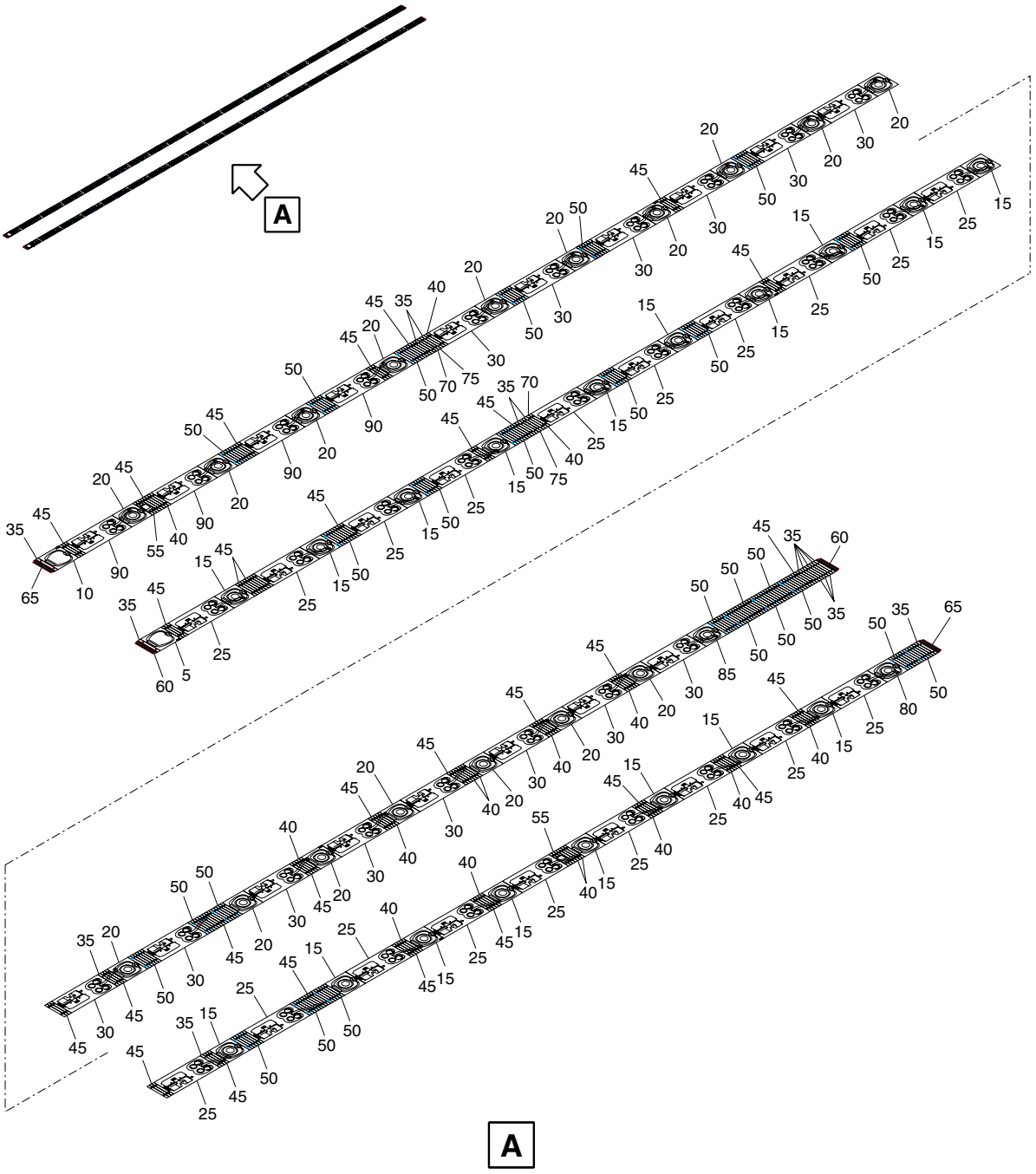
– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 280	HN3G33-1		. NYLATCH, GROMMET (V83014) (TRUE PN HN3G-33-1)		2
285	9326238-5		. BRACKET, PCB		1
			ATTACHING PARTS		
290	NAS1096-1-3		. SCREW		2
295	NAS1149DN616K		. WASHER		2
			* * *		
300	9326212-14		. ADAPTER, READING LIGHT (LH SIDE)		1
305	9326212-16		. ADAPTER, GASPER AIR (LH SIDE)		1
310	9326211-4		. BUCKET, LIGHT / GASPER AIR (LH SIDE)		1
			ATTACHING PARTS		
315	NAS1096-1-5		. SCREW		3
320	NAS1149DN616K		. WASHER		4
			* * *		
325	CDSP4500-503B		. AIR OUTLET ASSY		2
330	CDEX0633-7		. PAD, ANTI-RATTLE		6
335	MS20470B3-13		. PIN (ALT PN 7271023-1)		3
340	T025-180-140L		. SPRING, TORSION (V74197)		3
345	7271022-3		. CATCH, PSU LATCH		3
			ATTACHING PARTS		
350	NAS1096-1-4		. SCREW		3
355	NAS1149DN616K		. WASHER		3
			* * *		

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 360	C00720-012-4		. NUT, SPEED (V78553)		1
– 365	B805140-3		. O-RING		1
– 370	9326202-504		. PANEL ASSY, OXYGEN / LIGHT / GASPER AIR		1
– 375	6035-06BR150		. . INSERT		6
– 380	9326202-4		. . PANEL, OXYGEN / LIGHT / GASPER AIR		1

– ITEM NOT ILLUSTRATED



Passenger Service Unit Installation
Figure 16/GRAPHIC 25-28-48-99B-043-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16 – 1	H416001-119		PSU INSTL (RF)		RF
5	9326124-103		. PANEL ASSY, LH SPEAKER/NSFSB (1) SEE FIG.5F FOR DET		1
10	9326124-104		. PANEL ASSY, LH SPEAKER/NSFSB (1) SEE FIG.5F FOR DET		1
15	9326124-101		. PANEL ASSY, LH SPEAKER/NSFSB (19) SEE FIG.5F FOR DET		18
20	9326124-102		. PANEL ASSY, LH SPEAKER/NSFSB (19) SEE FIG.5F FOR DET		17
25	9326121-101		. PSU ASSY, LH (20) SEE FIG.1D FOR DET		19
30	9326121-102		. PSU ASSY, RH (16) SEE FIG.1D FOR DET		14
35	9326117-101		. PANEL ASSY, FILLER (12) SEE FIG.6 FOR DET		17
40	9326117-103		. PANEL ASSY, FILLER (10) SEE FIG.6B FOR DET		17
45	9326117-105		. PANEL ASSY, FILLER (18) SEE FIG.6B FOR DET		30
50	9326117-107		. PANEL ASSY, FILLER (20) SEE FIG.6C FOR DET		26
55	9326123-101		. PANEL ASSY, TEMPERATURE SENSOR (2) SEE FIG.12 FOR DET		2

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16 60	3868104-111		. PANEL ASSY, FILLER (2) SEE FIG.6A FOR DET		2
65	3868104-112		. PANEL ASSY, FILLER (2) SEE FIG.6A FOR DET		2
70	9326125-101		. FILLER PANEL ASSY, CLASS DIVIDER (2) SEE FIG.13 FOR DET		2
75	9326125-102		. FILLER PANEL ASSY, CLASS DIVIDER (2) SEE FIG.13 FOR DET		2
80	9326124-105		. PANEL ASSY, LH SPEAKER/NSFSB (1) SEE FIG.5F FOR DET		1
85	9326124-106		. PANEL ASSY, RH SPEAKER/NSFSB (1) SEE FIG.5F FOR DET		1
90	9326122-102		. PANEL ASSY, RH OXYGEN LIGHT SEE FIG.15 FOR DET		4
– 95	9326233-501		. PLUG CONNECTOR		20
– 100	9452K71		. O-RING		37

– ITEM NOT ILLUSTRATED