

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

REVISION TRANSMITTAL LETTER

TO:

Holders of Component Maintenance Manual (CMM) 25-40-53, revision No. 17, dated Apr 12/23.

GENERAL:

This transmittal letter is attached to the revision No. 18 of CMM 25-40-53, dated May 05/23.

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 (included in the CMM) |

This is a complete CMM package. Discard the previous issue and replace it with this issue, revision No. 18, dated May 05/23.

REASON FOR ISSUE:

This manual has been revised to incorporate the latest design changes.

The attached highlights give details of these changes.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

HIGHLIGHTS

Revision No.18 - May 05/23

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	Update the revision date for all changed pages.
DETAILED PARTS LIST FIGURE 7	R	Revised to reflect the latest engineering changes.

**25-40-53**

HLTS  
Page 1  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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(56135)  
**COMPONENT MAINTENANCE MANUAL  
WITH  
ILLUSTRATED PARTS LIST**

**AFT LAVATORY ASSEMBLY**

Part Number

<b>A412001-101</b>	<b>A412001-117</b>
<b>A412001-103</b>	<b>A412001-119</b>
<b>A412001-105</b>	<b>A412001-121</b>
<b>A412001-107</b>	<b>A412001-123</b>
<b>A412001-109</b>	<b>A412001-125</b>
<b>A412001-111</b>	<b>K042702-101</b>
<b>A412001-113</b>	
<b>A412001-115</b>	

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

RECORD OF REVISIONS

REV. No.	ISSUE DATE	INSERTED		REV. No.	ISSUE DATE	INSERTED	
		DATE	BY			DATE	BY
Initial Issue	Mar 15/03	Mar 15/03	C&D Zodiac				
1	Jan 30/06	Jan 30/06	C&D Zodiac				
2	Set 15/09	Set 15/09	C&D Zodiac				
3	May 30/11	May 30/11	C&D Zodiac				
4	Jun 30/11	Jun 30/11	C&D Zodiac				
5	Mar 15/12	Mar 15/12	C&D Zodiac				
6	Dec 05/12	Dec 05/12	C&D Zodiac				
7	May 15/13	May 15/13	C&D Zodiac				
8	Sep 30/13	Sep 30/13	C&D Zodiac				
9	Apr 15/15	Apr 15/15	C&D Zodiac				
10	Jun 15/15	Jun 15/15	C&D Zodiac				
11	Feb 05/16	Feb 05/16	C&D Zodiac				
12	Mar 15/17	Mar 15/17	C&D Zodiac				
13	Mar 15/17	Mar 15/17	C&D Zodiac				
14	Apr 10/18	Apr 10/18	Zodiac Aerospace				
15	Aug 02/19	Aug 02/19	Safran Cabin Inc.				
16	Feb 07/23	Feb 07/23	Safran Cabin Inc.				
17	Apr 12/23	Apr 12/23	Safran Cabin Inc.				
18	May 05/05	May 05/05	Safran Cabin Inc.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

### RECORD OF TEMPORARY REVISIONS

TEMP. REV. No.	ISSUE DATE	INSERTED		REMOVED	
		DATE	BY	DATE	BY
TR25-1	May 13/19	Aug 02/19	Safran Cabin Inc.		
TR25-2	Oct 17/19	Feb 07/23	Safran Cabin Inc.		
TR25-3	Dec 13/19	Feb 07/23	Safran Cabin Inc.		
TR25-4	Mar 09/20	Feb 07/23	Safran Cabin Inc.		
TR25-5	Apr 13/22	Feb 07/23	Safran Cabin Inc.		

**25-40-53**

RTR  
Page 1  
Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
SERVICE BULLETIN LIST

SERVICE BULLETIN		INCORPORATION INTO CMM		TITLE
Number	Rev	Date	Rev	
934X701-25-01	NC	Jan 30/06	1	REPLACEMENT OF LAMP CARRIERS (MFD BY DIEHL)
9341116-25-01	NC	May 05/12	6	REPLACEMENT OF THE LAVATORY WASTE COMPARTMENT DOOR SEAL
A412001-25-01	2	May 15/13	7	DECORATIVE LAMINATE REPLACEMENT
A412001-25-02	2	May 15/13	7	DECORATIVE LAMINATE REPLACEMENT
9341116-25-02	NC	Apr 15/15	9	FIRE EXTINGUISHER REPLACEMENT
9327336-25-05	2	Mar 15/17	13	INSTALLATION OF PROTECTIVE SLEEVE FOR BONDING JUMPER ASSEMBLY
9341231-25-04	NC	Aug 02/19	15	DECORATIVE LAMINATE REPLACEMENT

**25-40-53**

SBL  
Page 1  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF EFFECTIVE PAGES

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
TITLE PAGE			DESCRIPTION AND OPERATION -		
	1 R	May 05/23		1	Feb 07/23
	2 R	May 05/23		2	Feb 07/23
				3	Feb 07/23
RECORD OF REVISIONS				4	Feb 07/23
	1	May 05/05		5	Feb 07/23
	2 Blank	May 05/05		6	Feb 07/23
				7	Feb 07/23
RECORD OF TEMPORARY REVISIONS				8	Feb 07/23
	1	Feb 07/23		9	Feb 07/23
	2 Blank	Feb 07/23		10	Feb 07/23
				11	Feb 07/23
SERVICE BULLETIN LIST				12	Feb 07/23
	1	Aug 02/19		13	Feb 07/23
	2 Blank	Aug 02/19		14	Feb 07/23
				15	Feb 07/23
LIST OF EFFECTIVE PAGES				16	Feb 07/23
	1 R	May 05/23		17	Feb 07/23
	2 R	May 05/23		18	Feb 07/23
	3 R	May 05/23		19	Feb 07/23
	4 R	May 05/23		20	Feb 07/23
	5 R	May 05/23		21	Feb 07/23
	6 R	May 05/23		22	Feb 07/23
	7 R	May 05/23		23	Feb 07/23
	8 Blank	May 05/23		24	Feb 07/23
				25	Feb 07/23
TABLE OF CONTENTS				26	Feb 07/23
	1 R	May 05/23		27	Feb 07/23
	2 R	May 05/23		28	Feb 07/23
	3 R	May 05/23		29	Feb 07/23
	4 Blank	May 05/23		30	Feb 07/23
				31	Feb 07/23
LIST OF ILLUSTRATIONS				32	Feb 07/23
	1	May 05/23		33	Feb 07/23
	2 Blank	May 05/23		34	Feb 07/23
				35	Feb 07/23
LIST OF TABLES				36	Feb 07/23
	1	May 05/23		37	Feb 07/23
	2 Blank	May 05/23		38	Feb 07/23
				39	Feb 07/23
INTRODUCTION				40	Feb 07/23
	1	Feb 07/23		41	Feb 07/23
	2	Feb 07/23		42	Feb 07/23
	3	Feb 07/23		43	Feb 07/23
	4	Feb 07/23		44	Feb 07/23
	5	Feb 07/23		45	Feb 07/23
	6	Feb 07/23		46	Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF EFFECTIVE PAGES (Continued)

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
	47	Feb 07/23		3006	Apr 12/23
	48	Feb 07/23		3007	Apr 12/23
	49	Feb 07/23		3008	Apr 12/23
	50	Feb 07/23		3009	Apr 12/23
	51	Feb 07/23		3010	Apr 12/23
	52	Feb 07/23		3011	Apr 12/23
	53	Feb 07/23		3012	Apr 12/23
	54 Blank	Feb 07/23		3013	Apr 12/23
TESTING AND FAULT ISOLATION -				3014	Apr 12/23
	1001	Aug 02/19		3015	Apr 12/23
	1002	Aug 02/19		3016	Apr 12/23
	1003	Aug 02/19		3017	Apr 12/23
	1004	Aug 02/19		3018	Apr 12/23
	1005	Aug 02/19		3019	Apr 12/23
	1006	Aug 02/19		3020	Apr 12/23
	1007	Aug 02/19		3021	Apr 12/23
	1008	Aug 02/19		3022	Apr 12/23
	1009	Aug 02/19		3023	Apr 12/23
	1010 Blank	Aug 02/19		3024	Apr 12/23
SCHEMATIC AND WIRING DIAGRAMS -				3025	Apr 12/23
	2001	Aug 02/19		3026	Apr 12/23
	2002	Aug 02/19		3027	Apr 12/23
	2003	Aug 02/19		3028	Apr 12/23
	2004	Aug 02/19		3029	Apr 12/23
	2005	Aug 02/19		3030	Apr 12/23
	2006	Aug 02/19		3031	Apr 12/23
	2007	Aug 02/19		3032	Apr 12/23
	2008	Aug 02/19		3033	Apr 12/23
	2009	Aug 02/19		3034	Apr 12/23
	2010	Aug 02/19		3035	Apr 12/23
	2011	Aug 02/19		3036 Blank	Apr 12/23
	2012	Aug 02/19	CLEANING -		
	2013	Aug 02/19		4001	Aug 02/19
	2014	Aug 02/19		4002	Aug 02/19
	2015	Aug 02/19		4003	Aug 02/19
	2016	Aug 02/19		4004	Aug 02/19
	2017	Aug 02/19		4005	Aug 02/19
	2018 Blank	Aug 02/19		4006	Aug 02/19
DISASSEMBLY -				4007	Aug 02/19
	3001	Apr 12/23		4008	Aug 02/19
	3002	Apr 12/23		4009	Aug 02/19
	3003	Apr 12/23		4010	Aug 02/19
	3004	Apr 12/23	INSPECTION/CHECK -		
	3005	Apr 12/23		5001	Feb 07/23
				5002	Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF EFFECTIVE PAGES (Continued)

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
	5003	Feb 07/23		6044	Feb 07/23
	5004	Feb 07/23		6045	Feb 07/23
REPAIR -				6046	Feb 07/23
	6001	Feb 07/23		6047	Feb 07/23
	6002	Feb 07/23		6048	Feb 07/23
	6003	Feb 07/23		6049	Feb 07/23
	6004	Feb 07/23		6050	Feb 07/23
	6005	Feb 07/23		6051	Feb 07/23
	6006	Feb 07/23		6052	Feb 07/23
	6007	Feb 07/23		6053	Feb 07/23
	6008	Feb 07/23		6054	Feb 07/23
	6009	Feb 07/23		6055	Feb 07/23
	6010	Feb 07/23		6056	Feb 07/23
	6011	Feb 07/23		6057	Feb 07/23
	6012	Feb 07/23		6058	Feb 07/23
	6013	Feb 07/23		6059	Feb 07/23
	6014	Feb 07/23		6060	Feb 07/23
	6015	Feb 07/23		6061	Feb 07/23
	6016	Feb 07/23		6062	Feb 07/23
	6017	Feb 07/23		6063	Feb 07/23
	6018	Feb 07/23		6064	Feb 07/23
	6019	Feb 07/23		6065	Feb 07/23
	6020	Feb 07/23		6066	Feb 07/23
	6021	Feb 07/23		6067	Feb 07/23
	6022	Feb 07/23		6068	Feb 07/23
	6023	Feb 07/23		6069	Feb 07/23
	6024	Feb 07/23		6070	Blank Feb 07/23
	6025	Feb 07/23	ASSEMBLY -		
	6026	Feb 07/23		7001	Apr 12/23
	6027	Feb 07/23		7002	Apr 12/23
	6028	Feb 07/23		7003	Apr 12/23
	6029	Feb 07/23		7004	Apr 12/23
	6030	Feb 07/23		7005	Apr 12/23
	6031	Feb 07/23		7006	Apr 12/23
	6032	Feb 07/23		7007	Apr 12/23
	6033	Feb 07/23		7008	Apr 12/23
	6034	Feb 07/23		7009	Apr 12/23
	6035	Feb 07/23		7010	Apr 12/23
	6036	Feb 07/23		7011	Apr 12/23
	6037	Feb 07/23		7012	Apr 12/23
	6038	Feb 07/23		7013	Apr 12/23
	6039	Feb 07/23		7014	Apr 12/23
	6040	Feb 07/23		7015	Apr 12/23
	6041	Feb 07/23		7016	Apr 12/23
	6042	Feb 07/23		7017	Apr 12/23
	6043	Feb 07/23		7018	Apr 12/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF EFFECTIVE PAGES (Continued)

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
	7019	Apr 12/23		10005	R May 05/23
	7020	Apr 12/23		10006	R May 05/23
	7021	Apr 12/23		10007	R May 05/23
	7022	Apr 12/23		10008	R May 05/23
	7023	Apr 12/23		10009	R May 05/23
	7024	Apr 12/23		10010	R May 05/23
	7025	Apr 12/23		10011	R May 05/23
	7026	Apr 12/23		10012	R May 05/23
	7027	Apr 12/23		10013	R May 05/23
	7028	Apr 12/23		10014	R May 05/23
	7029	Apr 12/23		10015	R May 05/23
	7030	Apr 12/23		10016	R May 05/23
	7031	Apr 12/23		10017	R May 05/23
	7032	Apr 12/23		10018	R May 05/23
	7033	Apr 12/23		10019	R May 05/23
	7034	Apr 12/23		10020	Blank May 05/23
	7035	Apr 12/23			
	7036	Apr 12/23	EQUIPMENT DESIGNATOR INDEX		
	7037	Apr 12/23		10021	R May 05/23
	7038	Apr 12/23		10022	Blank May 05/23
	7039	Apr 12/23			
	7040	Apr 12/23	ALPHA/NUMERIC INDEX		
	7041	Apr 12/23		10023	R May 05/23
	7042	Apr 12/23		10024	R May 05/23
	7043	Apr 12/23		10025	R May 05/23
	7044	Blank Apr 12/23		10026	R May 05/23
				10027	R May 05/23
				10028	R May 05/23
				10029	R May 05/23
				10030	R May 05/23
				10031	R May 05/23
				10032	R May 05/23
				10033	R May 05/23
				10034	R May 05/23
				10035	R May 05/23
				10036	R May 05/23
				10037	R May 05/23
				10038	R May 05/23
				10039	R May 05/23
				10040	R May 05/23
				10041	R May 05/23
				10042	R May 05/23
				10043	R May 05/23
				10044	R May 05/23
				10045	R May 05/23
				10046	R May 05/23
				10047	R May 05/23
SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES -					
	9001	Aug 02/19			
	9002	Aug 02/19			
	9003	Aug 02/19			
	9004	Aug 02/19			
	9005	Aug 02/19			
	9006	Aug 02/19			
	9007	Aug 02/19			
	9008	Aug 02/19			
	9009	Aug 02/19			
	9010	Aug 02/19			
ILLUSTRATED PARTS LIST (IPL)					
	10001	R May 05/23			
	10002	Blank May 05/23			
INTRO IPL					
	10003	R May 05/23			
	10004	R May 05/23			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702LIST OF EFFECTIVE PAGES (Continued)

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
	10048	R May 05/23		10093	R May 05/23
	10049	R May 05/23		10094	R May 05/23
	10050	R May 05/23		10095	R May 05/23
	10051	R May 05/23		10096	R May 05/23
	10052	R May 05/23		10097	R May 05/23
	10053	R May 05/23		10098	R May 05/23
	10054	R May 05/23		10099	R May 05/23
	10055	R May 05/23		10100	R May 05/23
	10056	R May 05/23		10101	R May 05/23
	10057	R May 05/23		10102	R May 05/23
	10058	R May 05/23		10103	R May 05/23
	10059	R May 05/23		10104	R May 05/23
	10060	R May 05/23		10105	R May 05/23
	10061	R May 05/23		10106	R May 05/23
	10062	R May 05/23		10107	R May 05/23
	10063	R May 05/23		10108	R May 05/23
	10064	R May 05/23		10109	R May 05/23
	10065	R May 05/23		10110	R May 05/23
	10066	R May 05/23		10111	R May 05/23
	10067	R May 05/23		10112	R May 05/23
	10068	R May 05/23		10113	R May 05/23
	10069	R May 05/23		10114	R May 05/23
	10070	R May 05/23		10115	R May 05/23
	10071	R May 05/23		10116	R May 05/23
	10072	R May 05/23		10117	R May 05/23
	10073	R May 05/23		10118	R May 05/23
	10074	R May 05/23		10119	Blank May 05/23
	10075	R May 05/23		10120	R May 05/23
	10076	R May 05/23		10121	R May 05/23
	10077	R May 05/23		10122	R May 05/23
	10078	R May 05/23		10123	R May 05/23
	10079	R May 05/23		10124	R May 05/23
	10080	R May 05/23		10125	R May 05/23
	10081	R May 05/23		10126	R May 05/23
	10082	R May 05/23		10127	R May 05/23
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				10133	R May 05/23
				10134	R May 05/23
				10135	R May 05/23
				10136	R May 05/23
				10137	R May 05/23
				10138	R May 05/23
				10139	R May 05/23
DETAILED PARTS LIST					
	10083	R May 05/23			
	10084	R May 05/23			
	10085	R May 05/23			
	10086	R May 05/23			
	10087	R May 05/23			
	10088	R May 05/23			
	10089	R May 05/23			
	10090	R May 05/23			
	10091	R May 05/23			
	10092	R May 05/23			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF EFFECTIVE PAGES (Continued)

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
	10140	R May 05/23		10187	R May 05/23
	10141	R May 05/23		10188	R May 05/23
	10142	R May 05/23		10189	R May 05/23
	10143	R May 05/23		10190	R May 05/23
	10144	R May 05/23		10191	R May 05/23
	10145	R May 05/23		10192	R May 05/23
	10146	R May 05/23		10193	Blank May 05/23
	10147	R May 05/23		10194	R May 05/23
	10148	Blank May 05/23		10195	R May 05/23
	10149	R May 05/23		10196	R May 05/23
	10150	R May 05/23		10197	R May 05/23
	10151	R May 05/23		10198	Blank May 05/23
	10152	R May 05/23		10199	R May 05/23
	10153	R May 05/23		10200	R May 05/23
	10154	R May 05/23		10201	R May 05/23
	10155	Blank May 05/23		10202	R May 05/23
	10156	R May 05/23		10203	R May 05/23
	10157	R May 05/23		10204	R May 05/23
	10158	R May 05/23		10205	R May 05/23
	10159	R May 05/23		10206	R May 05/23
	10160	R May 05/23		10207	R May 05/23
	10161	R May 05/23		10208	R May 05/23
	10162	R May 05/23		10209	R May 05/23
	10163	R May 05/23		10210	R May 05/23
	10164	R May 05/23		10211	R May 05/23
	10165	R May 05/23		10212	Blank May 05/23
	10166	R May 05/23		10213	R May 05/23
	10167	R May 05/23		10214	R May 05/23
	10168	R May 05/23		10215	R May 05/23
	10169	R May 05/23		10216	R May 05/23
	10170	R May 05/23		10217	R May 05/23
	10171	Blank May 05/23		10218	R May 05/23
	10172	R May 05/23		10219	R May 05/23
	10173	R May 05/23		10220	R May 05/23
	10174	Blank May 05/23		10221	R May 05/23
	10175	R May 05/23		10222	Blank May 05/23
	10176	R May 05/23		10223	R May 05/23
	10177	R May 05/23		10224	R May 05/23
	10178	R May 05/23		10225	R May 05/23
	10179	Blank May 05/23		10226	R May 05/23
	10180	R May 05/23		10227	Blank May 05/23
	10181	R May 05/23		10228	R May 05/23
	10182	R May 05/23		10229	R May 05/23
	10183	R May 05/23		10230	Blank May 05/23
	10184	Blank May 05/23		10231	R May 05/23
	10185	R May 05/23		10232	R May 05/23
	10186	R May 05/23		10233	Blank May 05/23



COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF EFFECTIVE PAGES (Continued)

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
	10234	R May 05/23		10281	Blank May 05/23
	10235	R May 05/23		10282	R May 05/23
	10236	R May 05/23		10283	R May 05/23
	10237	R May 05/23		10284	R May 05/23
	10238	R May 05/23		10285	R May 05/23
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	10240	R May 05/23		10287	R May 05/23
	10241	Blank May 05/23		10288	R May 05/23
	10242	R May 05/23		10289	R May 05/23
	10243	R May 05/23		10290	R May 05/23
	10244	R May 05/23		10291	R May 05/23
	10245	Blank May 05/23		10292	R May 05/23
	10246	R May 05/23		10293	R May 05/23
	10247	R May 05/23		10294	R May 05/23
	10248	R May 05/23		10295	R May 05/23
	10249	R May 05/23		10296	R May 05/23
	10250	R May 05/23		10297	R May 05/23
	10251	R May 05/23		10298	Blank May 05/23
	10252	R May 05/23			
	10253	R May 05/23			
	10254	R May 05/23			
	10255	R May 05/23			
	10256	R May 05/23			
	10257	R May 05/23			
	10258	R May 05/23			
	10259	R May 05/23			
	10260	R May 05/23			
	10261	R May 05/23			
	10262	R May 05/23			
	10263	R May 05/23			
	10264	R May 05/23			
	10265	Blank May 05/23			
	10266	R May 05/23			
	10267	R May 05/23			
	10268	Blank May 05/23			
	10269	R May 05/23			
	10270	R May 05/23			
	10271	R May 05/23			
	10272	R May 05/23			
	10273	R May 05/23			
	10274	R May 05/23			
	10275	R May 05/23			
	10276	R May 05/23			
	10277	R May 05/23			
	10278	R May 05/23			
	10279	R May 05/23			
	10280	R May 05/23			

**25-40-53**

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Page 7  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TABLE OF CONTENTS

	<u>PAGE</u>
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 .....	5
3. Technical Properties .....	7
4. Trim and Finish .....	7
 TESTING AND FAULT ISOLATION - .....	 1001
1. General .....	1001
2. Electrical Test Procedures .....	1002
3. System Functional Tests .....	1003
4. Fault Isolation Procedures .....	1008
 SCHEMATIC AND WIRING DIAGRAMS - .....	 2001
1. General .....	2001
 DISASSEMBLY - .....	 3001
1. General .....	3001
2. Disassembly Procedures .....	3001
A. Lavatory Assembly (IPL Figure 1) .....	3001
B. Lavatory Assembly (IPL Figure 1A) .....	3006
C. Bonded Structure Assembly (IPL Figure 2) .....	3006
D. Electrical Installation (IPL Figure 3) .....	3007
E. Electrical Installation (IPL Figure 3A) .....	3010
F. Plumbing Installation (IPL Figure 4) .....	3012
G. Plumbing Installation (IPL Figure 4A) .....	3014
H. Amenity Box Installation (IPL Figure 5) .....	3015
I. Door Mirror Installation (IPL Figure 6) .....	3016
J. Door Mirror Installation (IPL Figure 6A) .....	3019
K. Service Door Installation (IPL Figure 7) .....	3021
L. Waste Compartment Installation (IPL Figure 8) .....	3022
M. Drop Ceiling Installation (IPL Figure 9) .....	3023
N. Air Duct Installation (IPL Figure 10) .....	3025
O. Air Duct Installation (IPL Figure 10A) .....	3025
P. Air Duct Installation (IPL Figure 10B) .....	3026
Q. Air Duct Installation (IPL Figure 10C) .....	3026
R. Entry Door Installation (IPL Figure 11) .....	3027
S. Toilet Tank Installation (IPL Figure 12) .....	3030
T. Toilet Shroud Installation (IPL Figure 13) .....	3030
U. Toilet Shroud Assembly (IPL Figure 13A) .....	3031
V. Oxygen Panel Installation (IPL Figure 14 - Deleted) .....	3031
W. Countertop Assembly (IPL Figure 15) .....	3031
X. Bulkhead Assembly (IPL Figure 16) .....	3032

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TABLE OF CONTENTS (Continued)

	<u>PAGE</u>
Y. Wall Mount Faucet and Drain Assembly (IPL Figure 17) .....	3035
CLEANING - .....	4001
1. General .....	4001
2. Safety Precautions .....	4003
3. Cleaning Procedures .....	4003
A. General Surface Cleaning (Including Vinyl-Decor Covered Panels) .....	4003
B. Cleaning Instructions and Material Specifications for Metal Parts .....	4005
C. Cleaning Instructions for Adhesives .....	4008
4. Metal Preservation and Corrosion Inhibition .....	4010
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 .....	6029
9. Repair Fiberglass Composite Panel .....	6030
10. Fill Edge Holes in Honeycomb Panels .....	6046
11. Fill and Fair out Procedure for Panel .....	6046
12. Paint and Prime the Composite Panels .....	6049
13. Repair Tedlar .....	6053
14. Replace Decorative Laminate .....	6056
15. Repair of Kydex Thermoplastic .....	6064
ASSEMBLY - .....	7001
1. General .....	7001
2. Assembly Procedures .....	7001
A. Lavatory Assembly (IPL Figure 1) .....	7001
B. Lavatory Assembly (IPL Figure 1A) .....	7006
C. Wall Mount Faucet and Drain Assembly (IPL Figure 17) .....	7006
D. Bulkhead Assembly (IPL Figure 16) .....	7006
E. Countertop Assembly (IPL Figure 15) .....	7009
F. Oxygen Panel Installation (IPL Figure 14 - Deleted) .....	7010
G. Toilet Shroud Assembly (IPL Figure 13A) .....	7010
H. Toilet Shroud Installation (IPL Figure 13) .....	7010
I. Toilet Tank Installation (IPL Figure 12) .....	7011
J. Entry Door Installation (IPL Figure 11) .....	7011
K. Air Duct Installation (IPL Figure 10C) .....	7015
L. Air Duct Installation (IPL Figure 10B) .....	7015
M. Air Duct Installation (IPL Figure 10A) .....	7016

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TABLE OF CONTENTS (Continued)

	<u>PAGE</u>
N. Air Duct Installation (IPL Figure 10) .....	7016
O. Drop Ceiling Installation (IPL Figure 9) .....	7017
P. Waste Compartment Installation (IPL Figure 8) .....	7018
Q. Service Door Installation (IPL Figure 7) .....	7019
R. Door Mirror Installation (IPL Figure 6A) .....	7020
S. Door Mirror Installation (IPL Figure 6) .....	7023
T. Amenity Box Installation (IPL Figure 5) .....	7025
U. Plumbing Installation (IPL Figure 4A) .....	7027
V. Plumbing Installation (IPL Figure 4) .....	7028
W. Electrical Installation (IPL Figure 3A) .....	7029
X. Electrical Installation (IPL Figure 3) .....	7032
Y. Bonded Structure Assembly (IPL Figure 2) .....	7034
3. Installation Procedure of Mounting Hardware of Flush Switch Assembly .....	7037
 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 .....	 10021
 Alpha/Numeric Index .....	 10023
 Detailed Parts List .....	 10083

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF ILLUSTRATIONS

<u>FIGURE</u>	<u>TITLE</u>	<u>PAGE</u>
1	Primary Components .....	3
2	Aft Lavatory Assembly - Trim and Finish .....	50
3	Modification Kit CDK934-11 - SB 9341231-25-04 .....	53
1001	Lamp Filament .....	1008
2001	Wiring Diagram - Aft Lavatory Assembly (PN 9342008) .....	2002
2002	Wiring Diagram - Aft Lavatory Assembly (PN D402008-1) .....	2012
2003	Wiring Diagram - Aft Lavatory Assembly (PN 9341008) .....	2015
6001	Insert Installation with Potting Compound .....	6014
6002	Fill and Relocate the Insert holes .....	6016
6003	Example of Critical Damage on Aluminum Fitting .....	6021
6004	Damage in Honeycomb Panels .....	6031
6005	Potting Compound or Solid Repair .....	6041
6006	Scarf Repair Procedure .....	6041
6007	Taper Scarf Repair .....	6045
6008	Criss-Cross Pattern .....	6050
6009	1- ½+ Criss-Cross Pattern .....	6052
6010	Extensive Damage on Tedlar .....	6055
6011	Fiberglass Patches Centered Over Crack .....	6068
7001	Access of Mounting Hardware of Flush Switch .....	7040
7002	Installation Procedure of Mounting Hardware of Flush Switch .....	7042

Detailed Parts List

1	Side Entry Lavatory Assembly .....	10084
1A	Side Entry Lavatory Assembly .....	10106
2	Bonded Structure Assembly .....	10108
3	Electrical Installation .....	10120
3A	Electrical Installation .....	10142
4	Plumbing Installation .....	10156
4A	Plumbing Installation .....	10164
5	Amenity Box Installation .....	10172
6	Door Mirror Installation .....	10180
6A	Door Mirror Installation .....	10194
7	Service Door Installation .....	10206
8	Waste Compartment Installation .....	10210
9	Drop Ceiling Installation .....	10220
10	Air Duct Installation .....	10228
10A	Air Duct Installation .....	10234
10B	Air Duct Installation .....	10238
10C	Air Duct Installation .....	10242
11	Entry Door Installation .....	10246
12	Toilet Tank Installation .....	10262
13	Toilet Shroud Installation .....	10266
13A	Toilet Shroud Assembly .....	10270
14	Oxygen Panel Installation - Deleted .....	10272
15	Countertop Assembly .....	10278
16	Bulkhead Assembly .....	10282
17	Wall Mount Faucet And Drain Assembly .....	10296

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LIST OF TABLES

<u>TABLE</u>	<u>TITLE</u>	<u>PAGE</u>
1	Technical Properties .....	7
2	Trim and Finish Codes .....	7
3	Trim and Finish for Mesa PNs A412001JX101, A412001JX103, A412001JX501, and A412001JX503 .....	8
4	Trim and Finish for Air Canada PNs A412001OP105 and A412001OP505 .....	10
5	Trim and Finish for Styrian PNs A412001QP105 and A412001QP505 .....	12
6	Trim and Finish for CLH PNs A412001TD107 and A412001TD507 .....	14
7	Trim and Finish for Adria PNs A412001VU107 and A412001VU507 .....	16
8	Trim and Finish for Tatarstan PNs A412001WB109 and A412001WB509 .....	17
9	Trim and Finish for Adria NG PNs A412001ABA111 and A412001ABA511 .....	19
10	Trim and Finish for SAS NG PNs A412001AAW113 and A412001AAW513 .....	21
11	Trim and Finish for Felix B PN A412001ABU113 and A412001ABU513 .....	23
12	Trim and Finish for CLH NG PNs A412001TD111 and A412001TD511 .....	25
13	Trim and Finish for Estonian Air and Pas PNs A412001ACT113, A412001ACT115, A412001ACT513, and A412001ACT515 .....	27
14	Trim and Finish for Suncor PNs A412001ACT113 and A412001ACT513 .....	29
15	Trim and Finish for Turkmenistan PNs A412001AEW117 and A412001AEW517 .....	31
16	Trim and Finish for China Express PNs A412001AFY117 and A412001AFY517 .....	33
17	Trim and Finish for SAS NG PNs A412001AAW113 and A412001AAW513 .....	35
18	Trim and Finish for China Express PNs A412001AJG119 and A412001AJG519 .....	37
19	Trim and Finish for Poly Technologies PNs A412001AKV121 and A412001AKV521 .....	38
20	Trim and Finish for Poly Technologies PNs A412001AKW121 and A412001AKW521 .....	41
21	Trim and Finish for Undisclosed Latin America PNs A412001AMV523 and A412001AMV523 .....	43
22	Trim and Finish for PAS PNs A412001ANA125 and A412001ANA525 .....	44
23	Trim and Finish for CITY JET PN A412001APC125 .....	46
24	Modification Kit CDK934-11 - SB 9341231-25-04 .....	49
25	Trim and Finish for AMERICAN AIRLINES PN K042702APC101 .....	49
1001	Test Equipment and Materials .....	1001
1002	Measurement Points .....	1003
1003	Fault Isolation Procedures .....	1008
2001	Wiring Diagram .....	2001
4001	Cleaning Tools and Materials .....	4001
5001	Inspection/Check Procedures .....	5001
6001	Repair Tools and Materials .....	6001
6002	Adhesive Cure Time .....	6012
6003	Properties of Corrosion-Inhibition Compound (CIC) Materials .....	6028
6004	Materials for the Repair of Kydex Thermoplastic .....	6064
7001	Tools and Materials .....	7038
7002	Part List - Mounting Hardware of Flush Switch .....	7039
9001	Special Tools, Fixtures, and Equipment .....	9001
9002	Consumables .....	9002

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
INTRODUCTION

TASK 25-40-53-99F-001-A01

1. Scope

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).

- A. This Component Maintenance Manual (CMM) contains maintenance instructions and lists replacement parts for the Aft Lavatory Assembly, PNs A412001-101/-103/-105/-107/-109/-111/-113/-115/-117/-119/-121/-123/-125 and K042702-101

TASK 25-40-53-99F-002-A01

2. Product Support Services

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

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

Telephone: (657) 227-5505

TASK 25-40-53-99F-003-A01

3. Usage Guide

- A. Refer to the 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 Aft Lavatory Assembly.
  - (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 contains special procedures to disassemble the Aft Lavatory Assembly for repair or part replacement.
  - (5) CLEANING section contains procedures to clean the components of the Aft Lavatory Assembly.
  - (6) INSPECTION/CHECK section contains procedures to inspect and check parts for wear and damage.
  - (7) REPAIR section contains procedures to replace potted inserts, replace bonded components, and make other repairs.
  - (8) ASSEMBLY section contains special procedures to assemble the Aft Lavatory Assembly.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (9) SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES section describes the recommended special tools, fixtures, test equipment and consumables use 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 give a table of recommended tools and materials, when applicable. Use of equivalent items is possible.
- C. The procedures in this manual follow the specifications utilized during production and are thereby shop verified.

TASK 25-40-53-99F-004-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.

Symbol / Abbreviation	Term
—	Not Illustrated
%	Percent
(-)	Negative charge
(+)	Positive charge
±	Plus or Minus
<	Less than
>	Greater than
°	Degrees
°C	Degrees Celsius
°F	Degrees Fahrenheit
©	Copyright Sign
®	Registered Sign
™	Trade Mark
Ω	Ohm
A	Ampere
A/C	Aircraft

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

AC	Alternating Current
ALT	Alternate
AR	As Required
ASSY	Assembly
ATA	Air Transport Association
ATT	Attendant
AWG	American Wire Gauge
AWS	Attendant Work Station
BFE	Buyer Furnished Equipment
CAGE	Commercial And Government Entity
CAS	Chemical Abstracts Service
CB	Circuit Breaker
CFE	Customer Furnished Equipment
CFM	Cubic Feet per Minute
CIC	Corrosion Inhibiting Compounds
cm	Centimeter (1 cm = 0.394 in)
CMM	Component Maintenance Manual
Co.	Company
COMPT	Compartment
Corp.	Corporation
CRES	Corrosion Resistant Steel
DC	Direct Current
DET	Detail
DIM	Dimmer
DWG	Drawing
EAR	Export Administration Regulations
ECCN	Export Control Classification Number
EFFECT	Effectivity

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FDA	Food and Drug Administration
Fed.	Federal
FIG.	Figure
FR	Fluid Resistant
FWD	Forward
g	Grams (1 g = 0.002 lb)
H.V.L.P.	High Volume Low Pressure
Hrs	Hours
HTR	Heater
Hz	Hertz
ID	Identification
in	Inch
INBD	Inboard
Inc.	Incorporated
INSTL	Installation
IPL	Illustrated Parts List
kg	Kilogram (1 kg = 2.205 lbs)
kHz	Kilohertz (1kHz = 1.000Hz)
kPa	Kilopascal (1 kPa = 0.145 psi)
kVA	Kilovolt-ampere
LAV	Lavatory
lb	Pound
lbf-in	Pound Force Inch
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LH	Left-Hand
LLC	Limited Liability Company
Ltd.	Limited Company

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

LWR	Lower
Max.	Maximum
MEK	Methyl Ethyl Ketone
MIL	Military
min	Minutes
ml	Milliliter (1 ml = 0.034 oz)
MSDS	Material Safety Data Sheets
N/A	Not Applicable
NC	No Change
NHA	Next Higher Assembly
N-m	Newton Meter
No.	Number
OCC	Occupied
OEM	Original Equipment Manufacturer
OPT	Optional
OUTBD	Outboard
oz	Ounces
PA	Public Address
PCB	Printed Circuit Board
PN	Part Number
psi	Pound per square inch
psig	Pound per Square Inch - Gauge
PSU	Passenger Service Unit
REF	Reference
REQ'D	Required
REV.	Revision
RF	Reference
RH	Right-Hand

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

RPLD	Replaced
RPLS	Replaces
RTN	Return
SB	Service Bulletin
Spec.	Specification
SUPSD	Superseded
SUPSDS	Supersedes
TEMP.	Temporary
TEMP	Temperature
USDA	United States Department of Agriculture
UUT	Unit Under Test
VAC	Volts Alternating Current
VDC	Volts Direct Current
W	Watts

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

DESCRIPTION AND OPERATION

TASK 25-40-53-870-001-A01

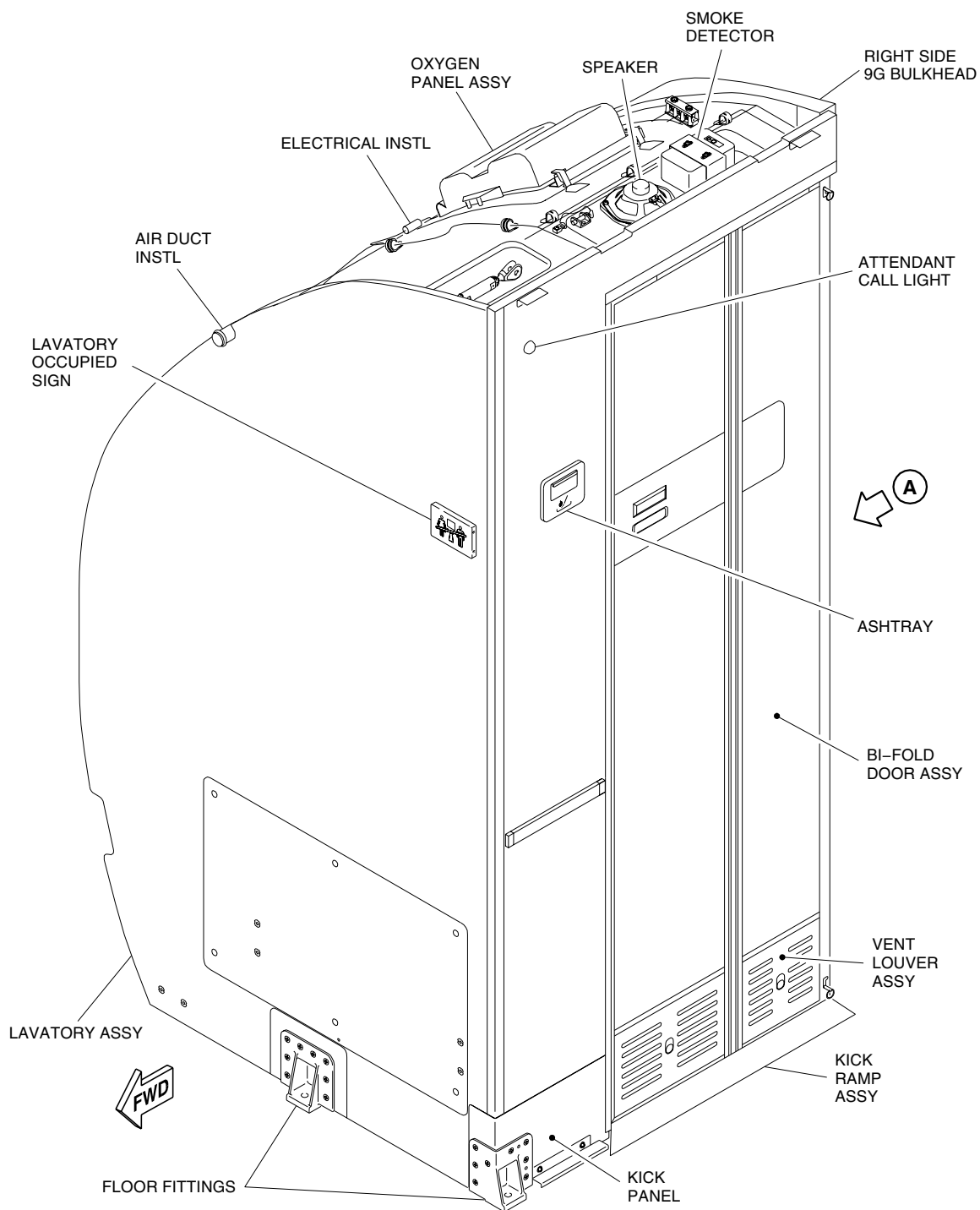
1. Description

- A. The Aft Lavatory Assembly is shown in Figure 1. The Aft Lavatory Assembly provides the items given below for passenger comfort and convenience.
- (1) The compartment is intended for use as a "wet-lav" and is outfitted with a sink, faucet, water heater, water supply and drain lines. Conditioned air is supplied to the compartment through and air duct located in the closure panel above the amenity box.
  - (2) Lavatory compartment lighting is provided by two fluorescent lamps mounted on the inside area of vanity mirror and one on the inside lower area of the amenity box assembly. There is an incandescent dome light located on the ceiling panel to provide additional compartment lighting.
  - (3) A vanity mirror on the forward wall above the sink.
  - (4) A sink with a warm water supply. Hoses to the sink are heated to prevent freezing in the water lines. A soap dispenser is provided for sanitation.
  - (5) Information signs and placards. The PLEASE LOCK DOOR sign on the door is readable only from inside the lavatory. The OCCUPIED/VACANT sign is readable from the outside.
  - (6) A passenger address (PA) loud speaker mounted on the ceiling panel provides music and information coming from the entertainment system and the cabin crew.
  - (7) An attendant call switch to call the flight attendant for assistance. The switch illuminates and chimes when pressed. The attendant call light (located on the exterior panel adjacent to the entry door) turns on when the switch is pressed. In addition, the chime will also sound.
  - (8) An amenities dispenser for tissue and paper towels.
  - (9) A toilet with decorative shroud, dual toilet paper dispenser and a toilet flush switch.
  - (10) A non-skid floor mat and pan.
  - (11) A waste container. Trash is discarded into the container through a spring-loaded flap. A separate, latched door provides access to remove and empty the waste container.
  - (12) A coat hook on the inside of the lavatory door. The hook is spring-loaded to automatically retract.
  - (13) An ashtray is located outside the lavatory wall.
  - (14) An oxygen box in the lavatory ceiling.
  - (15) A smoke detector which activates when smoke is present in the lavatory. The smoke detection system has a singular modular unit. It has a smoke detection sensor and an alarm horn. There are two buttons located on the smoke detector along with a power indicator and alarm indicator. The sensor will send an alarm signal upon sensing smoke inside the lavatory to the smoke detection circuitry and then the horn will generate the audible alarm.
  - (16) A ventilation system to provide fresh air.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- B. The bonded structure assembly is made of lightweight honeycomb panels bonded together with aerospace adhesive. Brackets, doublers, and other fittings give added structural strength. Most of the components are attached with standard hardware threaded into inserts potted in the panels. Other components are bonded to the panels with adhesive.
- C. All components visible to the passenger have decorative finishes or a bonded decorative laminate as shown in Figure 2. All plumbing and electrical items are mounted behind panels out of passenger view.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



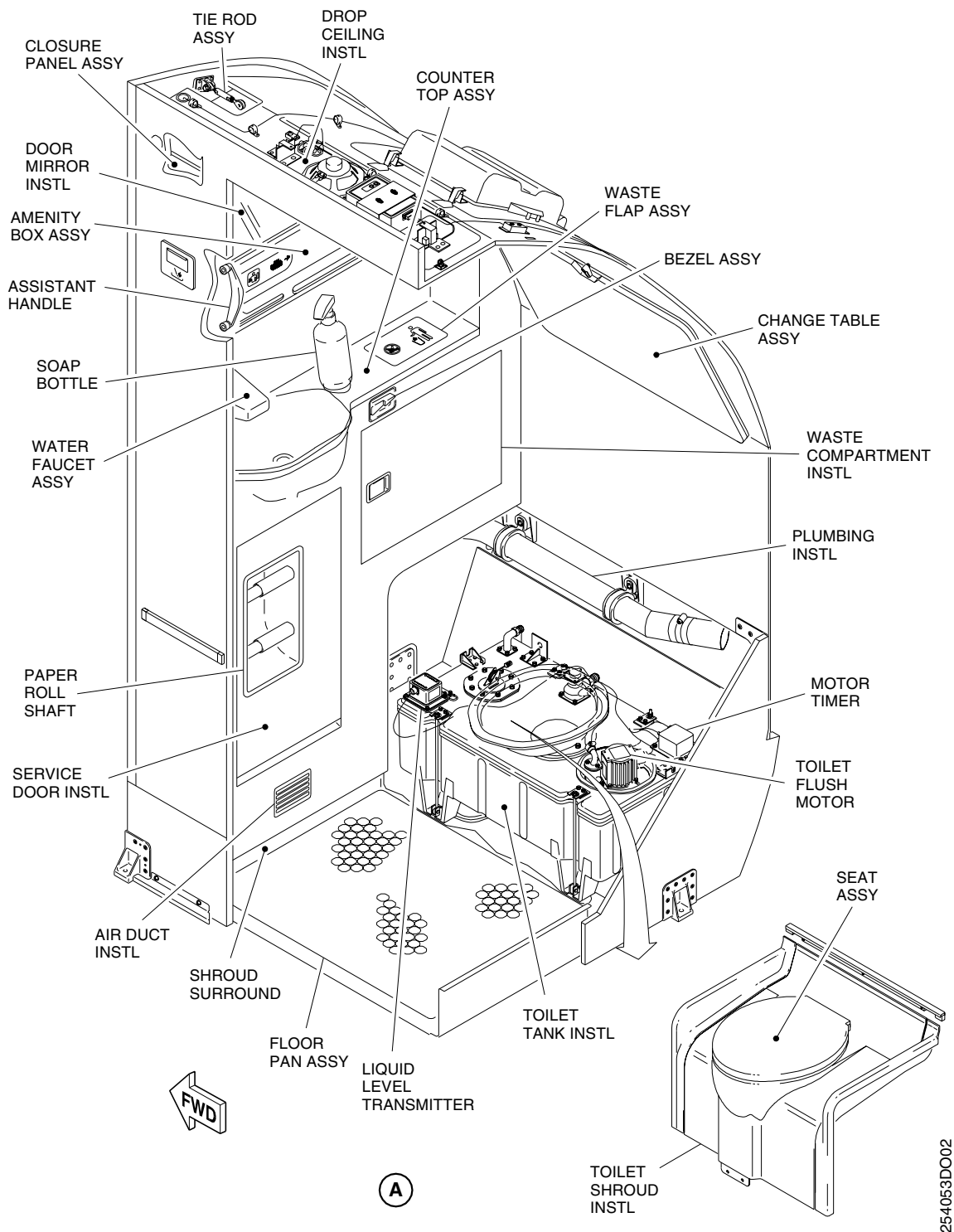
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Primary Components  
(Sheet 1 of 2)  
Figure 1/GRAPHIC 25-40-53-870-001-A01

# 25-40-53

Page 3  
Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Primary Components  
(Sheet 2 of 2)  
Figure 1/GRAPHIC 25-40-53-870-001-A01

# 25-40-53

Page 4  
Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-870-002-A01

2. Operation

A. Lighting System

There are two lighting systems inside the lavatory.

(1) Fluorescent Lights

The fluorescent lights stay on at all times and will operate automatically when the lavatory door is latched and unlatched. The lights will be dim when the door is closed and unlatched and will come on full bright when the door is closed and in the locked position.

(2) Incandescent Dome Light

The incandescent overhead dome light will turn on automatically when the door is closed and latched to provide additional compartment lighting.

B. Attendant Call System

The attendant call system has an attendant call switch and an attendant call LED located on the lavatory passenger service panel. There is an additional indicator (Amber) outside the lavatory wall adjacent to the entry door.

(1) Push the attendant call switch to turn ON both attendant call indicators. In addition, the chime will also sound.

(2) Push the attendant call switch to turn OFF both indicators and reset the system.

C. Information Signs

There are two information signs installed in the lavatory:

(1) Lavatory Occupied Sign

The ordinance sign is controlled by the cabin crew to inform occupants to return to their seats should a safety condition arise.

(2) Return to Seat Ordinance Sign

The ordinance sign is controlled by the cabin crew to inform occupants to return to their seats should a safety condition arise.

D. Toilet Flushing System

The system consists of a toilet tank assembly and a flush switch. Depressing and then releasing the flush lever will activate the timer on the toilet assembly and drive the motor for a maximum of ten (10) seconds.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

E. Lavatory Entry Door

- (1) To open the door, turn the handle and pull the door open.
- (2) Close the door and slide the lock to the OCCUPIED position. The fluorescent lights will automatically brighten and incandescent overhead dome light will come ON.
- (3) Slide the lock to the UNOCCUPIED position, turn the handle, and open the door. The fluorescent lights will automatically dim and dome light will turn OFF.

F. Waste Container

- (1) To put trash into the waste container, push the trash through the spring-loaded waste flap. Safety placards on the flap show proper use and warn against disposal of cigarettes.
- (2) To access the waste container so it can be emptied, pull back on the waste compartment door against the spring force, then allow it to spring open.
- (3) To close the door, push in on the door until the latches catch.
- (4) In the event a fire occurs in the waste disposal, the self-contained fire extinguisher mounted on the side of the metal waste chute will activate automatically. There are two nozzles on the fire extinguisher designed to melt with heat, and pressure discharge fire extinguishing agent into the compartment. Additionally, the waste disposal flap assembly is spring-loaded to the closed position to aid in fire containment.

G. Latch Assemblies, Access Door

- (1) Pull back on the latch. Open the door.

**NOTE:** The access door has a slam latch. The slam latch is spring-loaded and always free to latch.

- (2) Close the door. The latch is spring-loaded and will automatically extend into the striker to hold the door closed.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-870-003-A01

3. Technical Properties

A. Technical properties of the Aft Lavatory Assembly are given in Table 1.

Technical Properties  
Table 1/TABLE 25-40-53-870-002-A01

Property	Specification
Description:	
Manufacturer	Safran Cabin Inc. (CAGE 56135)
Part Numbers	A412001-101, -103, -105, -107, -109, -111, -113, -115, -117, -119, -121, -123, -125 K042702-101
Nomenclature	Aft Lavatory Assembly
Input Power	115VAC, 3 Phases, 400Hz, and 28VDC.
Overall Dimensions:	
Height	74.17 in (188.25 cm)
Depth	36.5 in (100.25 cm)
Width	32.45 in (82.36 cm)
Weight	150 lb (68.1 kg)

TASK 25-40-53-870-804-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. 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.
- C. Trim and Finish Code
- (1) The trim and finish codes are given in Table 2.

Trim and Finish Codes  
Table 2/TABLE 25-40-53-870-003-A01

Operator	Trim and Finish Codes	Table	Figure Number
MESA	JX	3	2
AIR CANADA	OP	4	2
STYRIAN	QP	5	2
CLH	TD	6	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish Codes  
Table 2/TABLE 25-40-53-870-003-A01 (continued)

Operator	Trim and Finish Codes	Table	Figure Number
ADRIA	VU	7	2
TATARSTAN	WB	8	2
ADRIA NG	ABA	9	2
SAS NG	AAW	10	2
FELIX B	ABU	11	2
CLH NG	TD	12	2
ESTONIAN AIR	ACT	13	2
PAS	ACT	13	2
SUNCOR	ACT	14	2
TURKMENISTAN	AEW	15	2
CHINA EXPRESS	AFY	16	2
SAS NG	AAW	17	2
CHINA EXPRESS	AJG	18	2
POLY TECHNOLOGIES	AKV	19	2
POLY TECHNOLOGIES	AKW	20	2
UNDISCLOSED LATIN AMERICA	AMV	21	2
PAS	ANA	22	2
CITY JET	APC	23	2
CLH NG	TD	24	3
AMERICAN AIRLINES	APC	25	2

Trim and Finish for Mesa PN's A412001JX101, A412001JX103, A412001JX501, and A412001JX503  
Table 3/TABLE 25-40-53-99A-028-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	White Mezzo Wave	AERTRIM LW/10051/15976/670R/54"	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Med Grey	AERFILM LHR/5923/670HTE/54"/HA211	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER			
4	DOOR EXTERNAL SURFACE			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Mesa PNs A412001JX101, A412001JX103, A412001JX501, and A412001JX503  
Table 3/TABLE 25-40-53-99A-028-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
5	DOOR INTERNAL SURFACE	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Med Grey	AERFILM LHR/5923/670HTE/54"/HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL			
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Dark Grey / Lusterless	AERFILM LHR/9276/670HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Mesa PNs A412001JX101, A412001JX103, A412001JX501, and A412001JX503  
Table 3/TABLE 25-40-53-99A-028-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
20	TOILET SHROUD	Dark Grey	POLYURETHANE PAINT # 980-1071	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY	Dark Grey / Coined	AERMAT 9000/ 992/90R	Schneller LLC (V21213)
24	FLOOR MAT			
	FLOOR MAT			
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for Air Canada PNs A412001OP105 and A412001OP505  
Table 4/TABLE 25-40-53-99A-029-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Ice Silver Frost / Leather	AIRDEC-GE 72GE-6442L2N1	Isovolta AG Inc. (V1F7X4)
2	INBOARD WALL EXTERNAL SURFACE			
3	TRIM, VERTICAL CORNER			
4	DOOR EXTERNAL SURFACE			
5	DOOR INTERNAL SURFACE	Ice Silver Frost / Leather	AIRDEC-F1 70F1- 6442L2N1	Isovolta AG Inc. (V1F7X4)
6	DOOR WAY TRIM EXTERNAL SURFACE	Ice Silver Frost / Leather	AIRDEC-F1 70F1- 6442L2N1	Isovolta AG Inc. (V1F7X4)
7	DOOR WAY TRIM INTERNAL SURFACE	Ice Silver Frost / Leather	AIRDEC-F1 70F1- 6442L2N1	Isovolta AG Inc. (V1F7X4)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Air Canada PNs A412001OP105 and A412001OP505  
Table 4/TABLE 25-40-53-99A-029-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
8	UPPER OUTBOARD WALL	Ice Silver Frost / Leather	AIRDEC-F1 70F1- 6442L2N1	Isovolta AG Inc. (V1F7X4)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE	Ice Silver Frost / Leather	AIRDEC-F1 70F1- 6442L2N1	Isovolta AG Inc. (V1F7X4)
16	OXYGEN PANEL ASSY			
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX			
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	Country Grey	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1456	WLS Coatings, Inc (V0YY71)
24	FLOOR MAT	Grey / Coined	AERMAT 9000/ 992/92R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Ice Silver Frost / Leather	AIRDEC-F1 70F1- 6442L2N1	Isovolta AG Inc. (V1F7X4)
* Refer to IPL, Paragraph 6, for the address.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for Air Canada PNs A412001OP105 and A412001OP505  
Table 4/TABLE 25-40-53-99A-029-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
26	ADAPTER PLATE ASSY	Ice Silver Frost / Leather	AIRDEC-F1 70F1-6442L2N1	Isovolta AG Inc. (V1F7X4)
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for Styrian PNs A412001QP105 and A412001QP505  
Table 5/TABLE 25-40-53-99A-030-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Light Grey With Silver Logo	AERTRIM LW/6037/675/845P/54"X96"	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE			
3	TRIM, VERTICAL CORNER	Light Grey / Lusterless	AERFILM LHR/16930/6619/DA9.22/888P54"X96"	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Light Grey With Silver Logo	AERTRIM LW/6037/675/845p/54"X96"	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE			
7	DOOR WAY TRIM INTERNAL SURFACE			
8	UPPER OUTBOARD WALL	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			

\* Refer to IPL, Paragraph 6, for the address.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for Styrian PNs A412001QP105 and A412001QP505  
Table 5/TABLE 25-40-53-99A-030-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Dark Grey / Lusterless	AERFILM LHR/9276/670HTE/59"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Dark Grey	POLYURETHANE PAINT # 980-1071	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Light Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for CLH PNs A412001TD107 and A412001TD507  
Table 6/TABLE 25-40-53-99A-031-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Grey Blue / Horizontal Ripple	AERFILM LHR/17908/6638/ DA64.69/907P/ 60X96/PS LHR	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Light Silver / Horizontal	AERTRIM LW P/16930/6616/ DA 9.22/888P54X96/PS LHR	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Light Silver	AERFILM LHR/16930/ 6619/DA9.22/888P 54X96	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Light Silver / Horizontal	AERTRIM LW P/16930/6616/ DA 9.22/888P54X96/PS LHR	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey / Lusterless	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Light Silver	AERFILM LHR/16930/ 6619/DA9.22/888P 54X96	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey / Lusterless	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Light Grey / Lusterless	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			

\* Refer to IPL, Paragraph 6, for the address.

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for CLH PNs A412001TD107 and A412001TD507  
Table 6/TABLE 25-40-53-99A-031-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Blue Ral5022	AERFILM LHR/15415/670HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Dark Grey / Lusterless	AERFILM LHR/9276/670HTE/54"/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Dark Grey	POLYURETHANE PAINT # 980-1071	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Grey Blue / Horizontal Ripple	AERFILM LHR/17908/6638/DA64.69/907P/60X96/PS LHR	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Adria PNs A412001VU107 and A412001VU507  
Table 7/TABLE 25-40-53-99A-032-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Sunny / Lusterless	AERTRIM LHR I/ 6063/680R/54"	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Sunny / Lusterless	AERTRIM LHR I/ 6063/680R/54"	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Dark Blue / Lusterless	AERFILM LHR/7445/ 618HTE/54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Adria PNs A412001VU107 and A412001VU507  
Table 7/TABLE 25-40-53-99A-032-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
19	LOWER OUTBOARD WALL	Dark Blue / Lusterless	AERFILM LHR/7445/618HTE/54"/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Dark Blue	POLYURETHANE PAINT # 983-217	Schneller LLC (V21213)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			
24	FLOOR PAN	Blue / Coined	AERMAT 9000/8451/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Light Grey / Lusterless	AERFILM LHR/6037/670HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Sunny	AERFILM LHR/6063/645HTE/54"/HA211	Schneller LLC (V21213)
<b>* Refer to IPL, Paragraph 6, for the address.</b>				

Trim and Finish for Tatarstan PNs A412001WB109 and A412001WB509  
Table 8/TABLE 25-40-53-99A-033-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Lattice Grey	AERTRIM LW/18915/5732/670R/60"/P SLHR (S7206)	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE			
3	TRIM, VERTICAL CORNER	Lattice Grey	AERTRIM LW/18915/5732/670P/54X96/HA211 (S009232)	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Lattice Grey	AERTRIM LW/18915/5732/670R/60"/P SLHR (S7206)	Schneller LLC (V21213)
<b>* Refer to IPL, Paragraph 6, for the address.</b>				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Tatarstan PNs A412001WB109 and A412001WB509  
Table 8/TABLE 25-40-53-99A-033-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
5	DOOR INTERNAL SURFACE	Off White	AERFILM LHR/6035/618HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Lattice Grey	AERTRIM LW/18915/5732/670P/54X96/HA211 (S009232)	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Off White	AERFILM LHR/6035/618HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Off White	AERFILM LHR/6035/618HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE	Off White / Semi-Gloss (Fog Coat)	POLYURETHANE PAINT # 982-1316	WLS Coatings, Inc (V0YY71)
16	OXYGEN PANEL ASSY			
17	OXYGEN DISPENSING ASSY	Dark Blue / Lusterless	AERFILM LHR/7445/618HTE/54"/HA211	Schneller LLC (V21213)
18	AMENITY BOX			
19	LOWER OUTBOARD WALL	Dark Blue / Lusterless	AERFILM LHR/7445/618HTE/54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for Tatarstan PNs A412001WB109 and A412001WB509  
Table 8/TABLE 25-40-53-99A-033-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
20	TOILET SHROUD	Dark Blue	POLYURETHANE PAINT # 983-217	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY	Blue / Coined	AERMAT 9000/ 8451/90R	Schneller LLC (V21213)
24	FLOOR PAN FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Off White	AERFILM LHR/6035/ 618HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Med Grey / Semi-Gloss	POLYURETHANE PAINT 982-1306	WLS Coatings, Inc (V0YY71)
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for Adria NG PNs A412001ABA111 and A412001ABA511  
Table 9/TABLE 25-40-53-99A-034-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Sunny / Lusterless	AERTRIM LHR I/ 6063/680R/54"	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Sunny / Lusterless	AERTRIM LHR I/6063/ 680R/54"	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Adria NG PNs A412001ABA111 and A412001ABA511  
Table 9/TABLE 25-40-53-99A-034-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Dark Taupe / Lusterless	AERFILM LHR/9285/ 670HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Dark Taupe / Lusterless	AERFILM LHR/9285/ 670HTE/54"/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Dark Taupe	POLYURETHANE PAINT # 982-1318	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			

\* Refer to IPL, Paragraph 6, for the address.

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Adria NG PN's A412001ABA111 and A412001ABA511  
Table 9/TABLE 25-40-53-99A-034-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/ 992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Light Grey / Lusterless	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Sunny	AERFILM LHR/6063/ 645HTE/54"/HA211	WLS Coatings, Inc (V0YY71)
<b>* Refer to IPL, Paragraph 6, for the address.</b>				

Trim and Finish for SAS NG PN's A412001AAW113 and A412001AAW513  
Table 10/TABLE 25-40-53-99A-035-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Medium Beige	GPWB900-260	Tapis Corp. (V3ULF6)
2	INBOARD WALL EXTERNAL SURFACE	White With Grey Dots	AIRDEC-F1, MESA-P, LAB.NO. 1364-01 (BAC93325) (PN 70F1C911- P3N1)	Isovolta AG, Inc (V1F7X4)
3	TRIM, VERTICAL CORNER			
4	DOOR EXTERNAL SURFACE	White With Grey Dots	AIRDEC-F1, MESA-P, LAB.NO. 1364-01 (BAC93325) (PN 70F1C911- P3N1)	Isovolta AG, Inc (V1F7X4)
5	DOOR INTERNAL SURFACE	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	
6	DOOR WAY TRIM EXTERNAL SURFACE	White With Grey Dots	AIRDEC-F1, MESA-P, LAB.NO. 1364-01 (BAC93325) (PN 70F1C911- P3N1)	Isovolta AG, Inc (V1F7X4)
<b>* Refer to IPL, Paragraph 6, for the address.</b>				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for SAS NG PNs A412001AAW113 and A412001AAW513  
Table 10/TABLE 25-40-53-99A-035-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
7	DOOR WAY TRIM INTERNAL SURFACE	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Isovolta AG, Inc (V1F7X4)
8	UPPER OUTBOARD WALL	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Isovolta AG, Inc (V1F7X4)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Isovolta AG, Inc (V1F7X4)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX			
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Dark Blue	POLYURETHANE PAINT # 983-217	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			

\* Refer to IPL, Paragraph 6, for the address.

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for SAS NG PNs A412001AAW113 and A412001AAW513  
Table 10/TABLE 25-40-53-99A-035-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
24	FLOOR PAN	Brown	PANFLOR (S6867) EP/9018/6188/855P/ 48X96 WOOD GRAIN LINOLEUM	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for Felix B PN A412001ABU113 and A412001ABU513  
Table 11/TABLE 25-40-53-99A-036-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Navy Blue	AERTRIM LW/15494	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Navy Blue	AERTRIM LW/15494	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Dark Blue	AERFILM LHR/7445/ 618HTE/54"/HA211	
4	DOOR EXTERNAL SURFACE	Navy Blue	AERTRIM LW/15494	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	
6	DOOR WAY TRIM EXTERNAL SURFACE	Dark Blue	AERFILM LHR/7445/ 618HTE/54"/HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Felix B PN A412001ABU113 and A412001ABU513  
Table 11/TABLE 25-40-53-99A-036-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Dark Blue	AERFILM LHR/7445/ 618HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Dark Blue	AERFILM LHR/7445/ 618HTE/54"/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Dark Blue	POLYURETHANE PAINT # 983-217	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			
24	FLOOR PAN	Dark Blue / Coined	AERMAT CM/7456	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Light Grey / Lusterless	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for CLH NG PNs A412001TD111 and A412001TD511  
Table 12/TABLE 25-40-53-99A-037-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Grey Blue / Horizontal Ripple	AERFILM LHR/17908/6638 /DA64.69/907P/ 60X96/ PSLHR	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Light Silver	AERTRIM LW P/16930/6616/ DA 9.22/888P54X96/PS LHR	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Light Silver	AERFILM LHR/16930/ 6619/DA9.22/888 P54X96	
4	DOOR EXTERNAL SURFACE	Light Silver	AERTRIM LW P/16930/6616/ DA 9.22/888P54X96/ PS LHR	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	
6	DOOR WAY TRIM EXTERNAL SURFACE	Light Silver	AERFILM LHR/16930/6619/ DA9.22/888P54X96	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for CLH NG PNs A412001TD111 and A412001TD511  
Table 12/TABLE 25-40-53-99A-037-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Light Grey	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Light Grey	POLYURETHANE PAINT # 982-1307	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Blue Ral5022	AERFILM LHR/15415/ 670HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Dark Grey / Lusterless	AERFILM LHR/9276/ 670HTE/54"/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Dark Grey	POLYURETHANE PAINT # 980-1071	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/ 992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Light Grey / Lusterless	AERFILM LHR/6037/ 670HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Grey Blue / Horizontal Ripple	AERFILM LHR/17908/6638/ DA64.69/907P/ 60X96/PS LHR	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for Estonian Air and Pas PNs A412001ACT113, A412001ACT115, A412001ACT513, and A412001ACT515

Table 13/TABLE 25-40-53-99A-038-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	
6	DOOR WAY TRIM EXTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Estonian Air and Pas PNs A412001ACT113, A412001ACT115, A412001ACT513, and  
A412001ACT515

Table 13/TABLE 25-40-53-99A-038-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY / MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Snowy / Semi-Gloss	POLYURETHANE PAINT # 982-1432	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Medium Grey / Schneller	AERFILM LHR/8935/ 680HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Grey / Coined	POLYURETHANE PAINT # 982-1456	WLS Coatings, Inc (V0YY71)
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Snowy / Lusterless	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for Suncor PNs A412001ACT113 and A412001ACT513  
Table 14/TABLE 25-40-53-99A-043-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Suncor PNs A412001ACT113 and A412001ACT513  
Table 14/TABLE 25-40-53-99A-043-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Snowy / Semi-Gloss	POLYURETHANE PAINT # 982-1432	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Medium Grey / Schneller	AERFILM LHR/8935/ 680HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Grey / Coined	POLYURETHANE PAINT # 982-1456	WLS Coatings, Inc (V0YY71)
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
26	ADAPTER PLATE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Turkmenistan PNs A412001AEW117 and A412001AEW517  
Table 15/TABLE 25-40-53-99A-044-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Coral Lattice Grey	AERFILM LHR/18915/ 5732/670P/54X96/ HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Lattice Grey	AERTRIM LW /18915/ 5732/670R/60"/ PSLHR	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Coral Lattice Grey	AERFILM LHR/18915/ 5732/670P/54X96/ HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Lattice Grey	AERTRIM LW/18915/ 5732/670R/60"/ PSLHR	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Birdsfeet	AERFILM LHR/000/ 3602/12918/855R/ PSLHR	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Lattice Grey	AERTRIM LW/18915/ 5732/670R/60"/ PSLHR	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Birdsfeet	AERFILM LHR/000/ 3602/12918/855R/ PSLHR	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Birdsfeet	AERFILM LHR/000/ 3602/12918/855R/ PSLHR	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Turkmenistan PNs A412001AEW117 and A412001AEW517  
Table 15/TABLE 25-40-53-99A-044-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Birdsfeet	AERFILM LHR/000/3602/12918/855R/PSLHR	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Crystal White / Lusterless	POLYURETHANE PAINT # 346-65-9A24-7	Mankiewicz Coatings LLC (V32XV5)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Beige	AERFILM LHR/BAC870 (4056)/670HTE/54	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Birdsfeet	AERFILM LHR/000/3602/12918/855R/PSLHR	Schneller LLC (V21213)
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Grey / Semi-Gloss	POLYURETHANE PAINT # 982-1456	WLS Coatings, Inc (V0YY71)
24	FLOOR PAN	Brown / Wood Grain Linoleum	PANFLOR EP/9018/6188 855P/48X96	Schneller LLC (V21213)
	FLOOR MAT			
26	ADAPTER PLATE	Snowy	GCR-37B-W251-K	GCR Acquisitions LLC (V4ZJD9)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for China Express PNs A412001AFY117 and A412001AFY517  
Table 16/TABLE 25-40-53-99A-045-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for China Express PNs A412001AFY117 and A412001AFY517  
Table 16/TABLE 25-40-53-99A-045-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Snowy	POLYURETHANE PAINT # 982-1432	WLS Coatings, Inc (V0YY71)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Medium Grey	AERFILM LHR/8935/ 680HTE/54"/ HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Grey	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
23	TRIM ASSY	Grey	POLYURETHANE PAINT #982-1456	WLS Coatings, Inc (V0YY71)
24	FLOOR PAN	Dark Grey	AV150 LONDON SOLO	Gerflor (VF5251)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	N/A	N/A	-
26	ADAPTER PLATE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for SAS NG PNs A412001AAW113 and A412001AAW513  
Table 17/TABLE 25-40-53-99A-052-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Medium Beige	GPWB900-260	Tapis Corp. (V3ULF6)
2	INBOARD WALL EXTERNAL SURFACE	White With Grey Dots	AIRDEC-F1, MESA-P, LAB.NO. 1364-01 (BAC93325) (PN 70F1C911- P3N1)	Isovolta AG, Inc (V1F7X4)
3	VERTICAL CORNER TRIM			
4	DOOR EXTERNAL SURFACE	White With Grey Dots	AIRDEC-F1, MESA-P, LAB.NO. 1364-01 (BAC93325) (PN 70F1C911- P3N1)	Isovolta AG, Inc (V1F7X4)
5	DOOR INTERNAL SURFACE	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	White With Grey Dots	AIRDEC-F1, MESA-P, LAB.NO. 1364-01 (BAC93325) (PN 70F1C911- P3N1)	Isovolta AG, Inc (V1F7X4)
7	DOOR WAY TRIM INTERNAL SURFACE	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for SAS NG PNs A412001AAW113 and A412001AAW513  
Table 17/TABLE 25-40-53-99A-052-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
12	DROP CEILING PANEL ASSY	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX			
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Dark Blue	POLYURETHANE PAINT # 983-217	WLS Coatings, Inc (V0YY71)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY			
24	FLOOR PAN	Brown	PANFLOR (S6867) EP/9018/6188/855P/ 48X96 WOOD GRAIN LINOLEUM	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Crystal White	AERFILM LHR/HE20-9/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for China Express PNs A412001AJG119 and A412001AJG519  
Table 18/TABLE 25-40-53-99A-053-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/ 2638/645R/54"/ HA211	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	
6	DOOR WAY TRIM EXTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54"/ HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for China Express PN's A412001AJG119 and A412001AJG519  
Table 18/TABLE 25-40-53-99A-053-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT	Snowy	AERFILM LHR/7018/2638/645HTE/54"/HA211	Schneller LLC (V21213)
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Snowy White	GCR-37B-W1432-K	GCR Acquisitions LLC (V4ZJD9)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Medium Grey	AERFILM LHR/8935/680HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL			
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Gray / Semi-Gloss	GCR-37B-T1456-K	GCR Acquisitions LLC (V4ZJD9)
24	FLOOR PAN	Dark Grey / Coined	AV150 LONDON SOLO	Gerflor (VF5251)
	FLOOR MAT			
26	ADAPTER PLATE	Snowy	AERFILM LHR/7018/2638/645HTE/54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for Poly Technologies PN's A412001AKV121 and A412001AKV521  
Table 19/TABLE 25-40-53-99A-054-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Crystal / White	AERFILM LHR/HE209/8029/670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Poly Technologies PNs A412001AKV121 and A412001AKV521  
Table 19/TABLE 25-40-53-99A-054-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
2	INBOARD WALL EXTERNAL SURFACE	Crystal / White	AERTRIM LW/8029/ 670R/54"	Schneller LLC (V21213)
3	TRIM, VERTICAL CORNER	Crystal / White	AERFILM LHR/HE209/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Crystal / White	AERTRIM LW/8029/ 670R/54"	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Birdsfeet	AERTRIM LHR/000/ 3602/12918/ 670HTE/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Crystal White	AERTRIM LW/8029/ 670R/54"	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Birdsfeet	AERTRIM LHR/000/ 3602/12918/ 670HTE/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Birdsfeet	AERTRIM LHR/000/ 3602/12918/ 670HTE/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT	Birdsfeet	AERTRIM LHR/000/ 3602/12918/ 670HTE/HA211	Schneller LLC (V21213)
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Crystal White	POLYURETHANE PAINT # 346-65-9A24-7	Mankiewicz Coatings LLC (V32XV5)
17	OXYGEN DISPENSING ASSY			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Poly Technologies PN's A412001AKV121 and A412001AKV521  
Table 19/TABLE 25-40-53-99A-054-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
18	AMENITY BOX	Med Grey	AERFILM LHR/8935/ 680HTE/54"/ HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Birdsfeet	AERTRIM LHR/000/ 3602/12918/ 670HTE/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Gray	GCR-37B-T1456-K	GCR Acquisitions LLC (V4ZJD9)
24	FLOOR PAN	Metallic / Dark Grey	AV150 SOLO BOGOTA (PN 476G6770)	Gerflor (VF5251)
	FLOOR MAT			
26	ADAPTER PLATE	Crystal White	AERFILM LHR/HE209/8029/ 670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Poly Technologies PNs A412001AKW121 and A412001AKW521  
Table 20/TABLE 25-40-53-99A-055-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Crystal / White	AERFILM LHR/HE209/8029/670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Crystal / White	AERTRIM LW/8029/670R/54"	Schneller LLC (V21213)
3	VERTICAL CORNER TRIM	Crystal / White	AERFILM LHR/HE209/8029/670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Crystal / White	AERTRIM LW/8029/670R/54"	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Birdsfeet	AERTRIM LHR/000/3602/12918/670HTE/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Crystal White	AERTRIM LW/8029/670R/54"	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Birdsfeet	AERTRIM LHR/000/3602/12918/670HTE/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Birdsfeet	AERTRIM LHR/000/3602/12918/670HTE/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT	Birdsfeet	AERTRIM LHR/000/3602/12918/670HTE/HA211	Schneller LLC (V21213)
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Poly Technologies PNs A412001AKW121 and A412001AKW521  
Table 20/TABLE 25-40-53-99A-055-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
16	OXYGEN PANEL ASSY	Crystal White	POLYURETHANE PAINT # 346-65-9A24-7	Mankiewicz Coatings LLC (V32XV5)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Med Grey	AERFILM LHR/8935/680HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Birdsfeet	AERTRIM LHR/000/3602/12918/670HTE/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor, Inc. (V0FWK8)
23	TRIM ASSY	Gray	GCR-37B-T1456-K	GCR Acquisitions LLC (V4ZJD9)
24	FLOOR PAN	Metallic / Dark Grey	AV150 SOLO BOGOTA (PN 476G6770)	Gerflor (VF5251)
	FLOOR MAT			
26	ADAPTER PLATE	Crystal White	AERFILM LHR/HE209/8029/670HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for Undisclosed Latin America PNs A412001AMV523 and A412001AMV523  
Table 21/TABLE 25-40-53-99A-056-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Light Grey / Blue	AERTRIM LW/32919/670R/54 (S017738)	Schneller LLC (V21213)
3	VERTICAL CORNER TRIM	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Light Grey / Blue	AERTRIM LW/32919/670R/54 (S017738)	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Light Grey / Blue	AERTRIM LW/32919/670R/54 (S017738)	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for Undisclosed Latin America PNs A412001AMV523 and A412001AMV523  
Table 21/TABLE 25-40-53-99A-056-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
16	OXYGEN PANEL ASSY	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Light Grey / Blue	AERFILM LHR/840 4/670HTE/54"	Schneller LLC (V21213)
20	TOILET SHROUD	Cool Grey	GCR-37B-J13	GCR Acquisitions LLC (V4ZJD9)
21	SHROUD SURROUND			
22	SEAT ASSY			
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY	Cool Grey	GCR-37B-J13	GCR Acquisitions LLC (V4ZJD9)
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
26	ADAPTER PLATE	Light Grey	ALEXIT-FST 346-65-A725-7	Mankiewicz Coatings LLC (V32XV5)
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for PAS PNs A412001ANA125 and A412001ANA525  
Table 22/TABLE 25-40-53-99A-057-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Snowy	AERFILM LHR/7018/ 2638/645HTE/54 "/HA211	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/2638/645/ 54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for PAS PNs A412001ANA125 and A412001ANA525  
Table 22/TABLE 25-40-53-99A-057-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
3	TRIM, VERTICAL CORNER	Snowy	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
4	DOOR EXTERNAL SURFACE	Snowy	AERTRIM LHR I/7018/2638/645R- /54"/HA211	Schneller LLC (V21213)
5	DOOR INTERNAL SURFACE	Snowy	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	Snowy	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
7	DOOR WAY TRIM INTERNAL SURFACE	Snowy	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Snowy	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Snowy White	GCR-37B-W1432-K	GCR Acquisitions LLC (V4ZJD9)
17	OXYGEN DISPENSING ASSY			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for PAS PNs A412001ANA125 and A412001ANA525  
Table 22/TABLE 25-40-53-99A-057-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
18	AMENITY BOX	Medium Grey	AERFILM LHR/8935 /680HTE/54"/HA211	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL		AERFILM LHR/8935 /680HTE/54"/HA211	Schneller LLC (V21213)
20	TOILET SHROUD	Grey / Lusterless	BOLTARON 4330-2712	Safran Cabin Inc. (V56135)
21	SHROUD SURROUND			
22	SEAT ASSY	N/A	N/A	Wencor Inc (V0FWK8)
23	TRIM ASSY	Grey	GCR-37B-T1456-K	GCR Acquisitions LLC (V4ZJD9)
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Snowy / Lusterless	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
26	ADAPTER PLATE	Snowy	AERFILM LHR/7018/2638/645 HTE/54"/HA211	Schneller LLC (V21213)
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for CITY JET PN A412001APC125  
Table 23/TABLE 25-40-53-99A-058-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
1	FORWARD WALL	Wood Type / Horizontal Wood Grain	AERFILM LHR WG/30261/30234/A-IC67.65/916P/60x96 (S017755)	Schneller LLC (V21213)
2	INBOARD WALL EXTERNAL SURFACE	White With Grey	AERDEC-F1, MESA-P, LAB.NO 1364-01 (BAC93325) (PN 70F1C911-P3N1)	Isovolta AG Inc. (V1F7X4)
* Refer to IPL, Paragraph 6, for the address.				

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Trim and Finish for CITY JET PN A412001APC125  
Table 23/TABLE 25-40-53-99A-058-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
3	TRIM, VERTICAL CORNER	White With Grey	AERDEC-F1, MESA-P, LAB.NO 1364-01 (BAC93325) (PN 70F1C911-P3N1)	Isovolta AG Inc. (V1F7X4)
4	DOOR EXTERNAL SURFACE	White With Grey	AERDEC-F1, MESA-P, LAB.NO 1364-01 (BAC93325) (PN 70F1C911-P3N1)	Isovolta AG Inc. (V1F7X4)
5	DOOR INTERNAL SURFACE	Crystal White / Textured	AERFILM LHR/HE209/8029/6 70HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
6	DOOR WAY TRIM EXTERNAL SURFACE	White With Grey	AERDEC-F1, MESA-P, LAB.NO 1364-01 (BAC93325) (PN 70F1C911-P3N1)	Isovolta AG Inc. (V1F7X4)
7	DOOR WAY TRIM INTERNAL SURFACE	Crystal White / Textured	AERFILM LHR/HE209/8029/6 70HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
8	UPPER OUTBOARD WALL	Crystal White / Textured	AERFILM LHR/HE209/8029/6 70HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
9	SINK CABINET			
10	SERVICE DOOR			
11	WASTE COMPARTMENT DOOR			
12	DROP CEILING PANEL ASSY			
13	CLOSEOUT PANEL ASSY/ MIRROR COMPT			
* Refer to IPL, Paragraph 6, for the address.				

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Trim and Finish for CITY JET PN A412001APC125  
Table 23/TABLE 25-40-53-99A-058-A01 (continued)

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
14	CLOSURE PANEL ASSY/CEILING			
15	INBOARD WALL INTERNAL SURFACE			
16	OXYGEN PANEL ASSY	Crystal White	POLYURETHANE PAINT # 346-65-9A24-7	Mankiewicz Coatings LLC (V32XV5)
17	OXYGEN DISPENSING ASSY			
18	AMENITY BOX	Cool Grey	AERFILM LHR/259 61/670HTE/54	Schneller LLC (V21213)
19	LOWER OUTBOARD WALL	Crystal White	AERFILM LHR/HE209/8029/6 70HTE/54"/HA211 (S08029-002-H5)	
20	TOILET SHROUD	Cool Grey / Gloss	GCR-37B-J52-K	GCR Acquisitions LLC (V4ZJD9)
21	SHROUD SURROUND			
22	SEAT ASSY	Cool Grey / Gloss	GCR-37B-J52-K	GCR Acquisitions LLC (V4ZJD9)
	SEAT			
	LID			
	HINGE			
23	TRIM ASSY	Cool Grey / Gloss	GCR-37B-J52-K	GCR Acquisitions LLC (V4ZJD9)
24	FLOOR PAN	Dark Grey / Coined	AERMAT 9000/992/90R	Schneller LLC (V21213)
	FLOOR MAT			
25	DIAPER TABLE ASSY TOP & BOTTOM	Crystal White / Textured	AERFILM LHR/HE209/8029/6 70HTE/54"/HA211 (S08029-002-H5)	Schneller LLC (V21213)
26	ADAPTER PLATE	Wood Type / Horizontal Wood Grain	AERFILM LHR WG/30261/30234/A-IC67.65/916P/60x96 (S017755)	Schneller LLC (V21213)

\* Refer to IPL, Paragraph 6, for the address.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

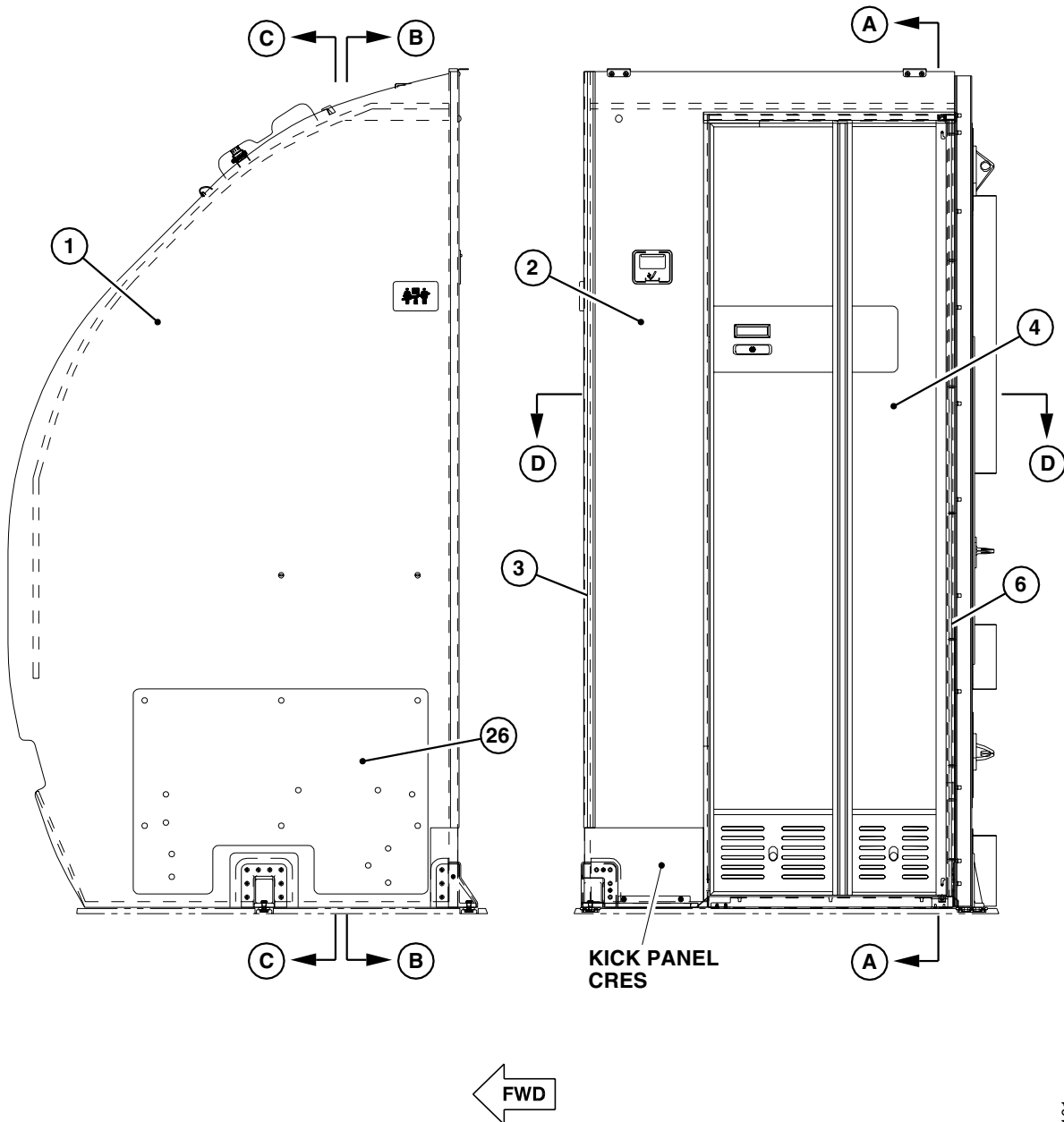
Modification Kit CDK934-11 - SB 9341231-25-04  
Table 24/TABLE 25-40-53-99A-064-A01

Item No.	Component	Part Number / Specifications	Color / Finish	Source (CAGE)*
1	Decorative Laminate (S011845)	AERFILM LHR / 24944/ 9699/ 24945/ 916P/60X96/PSLHR	N/A	N/A
* Refer to IPL, Paragraph 6, for the address.				

Trim and Finish for AMERICAN AIRLINES PN K042702APC101  
Table 25/TABLE 25-40-53-99A-065-A01

Item No.	Components	Color / Finish	Material Specifications	Source (CAGE)*
* Refer to IPL, Paragraph 6, for the address.				
1	FORWARD WALL	Silver Weave	AERTRIM LW/31954/ 13697/9865/1 3696/ 623R/60/	Schneller LLC (V21213)

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



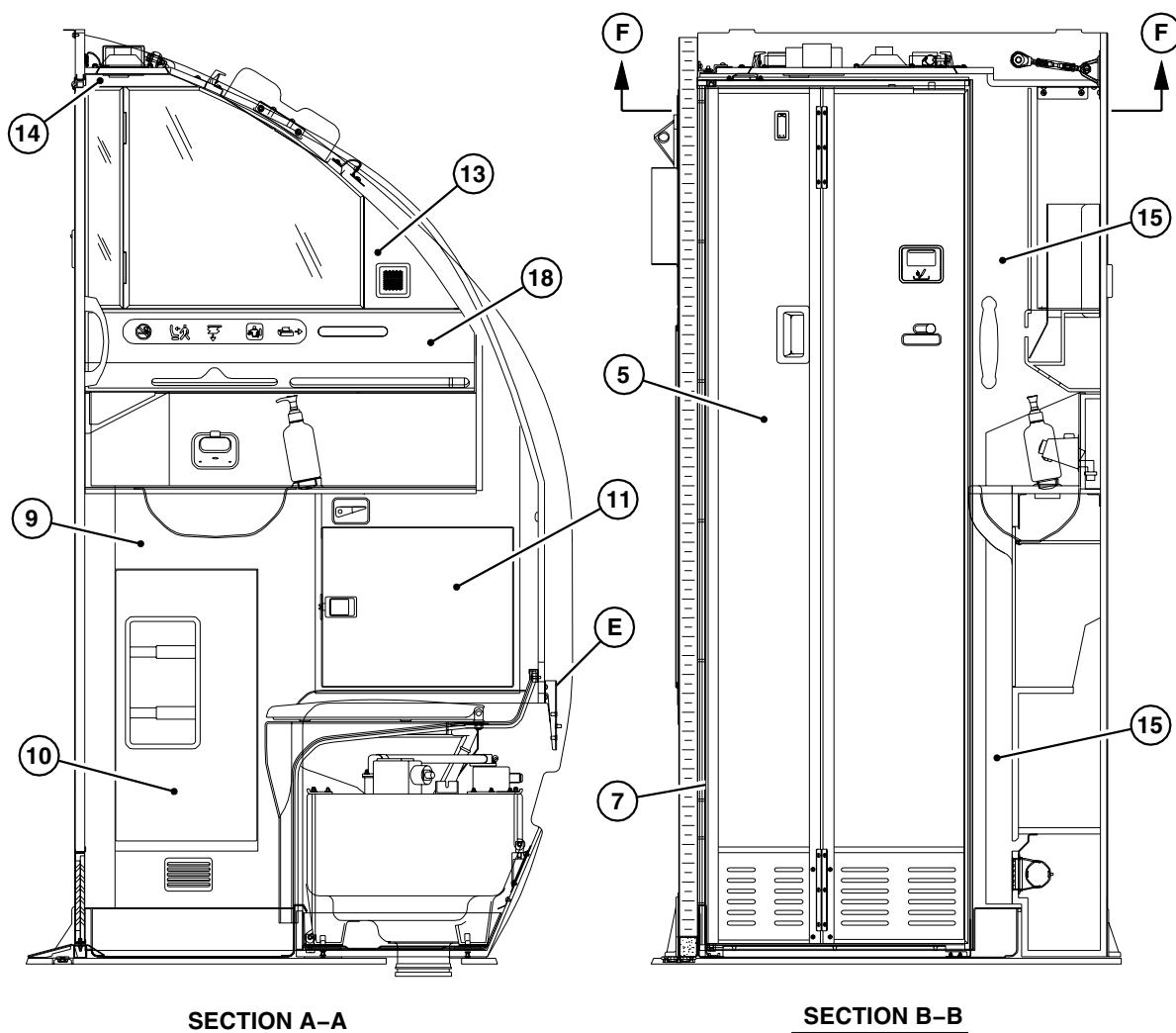
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Aft Lavatory Assembly - Trim and Finish  
(Sheet 1 of 3)  
Figure 2/GRAPHIC 25-40-53-870-004-A01

**25-40-53**

Page 50  
Feb 07/23

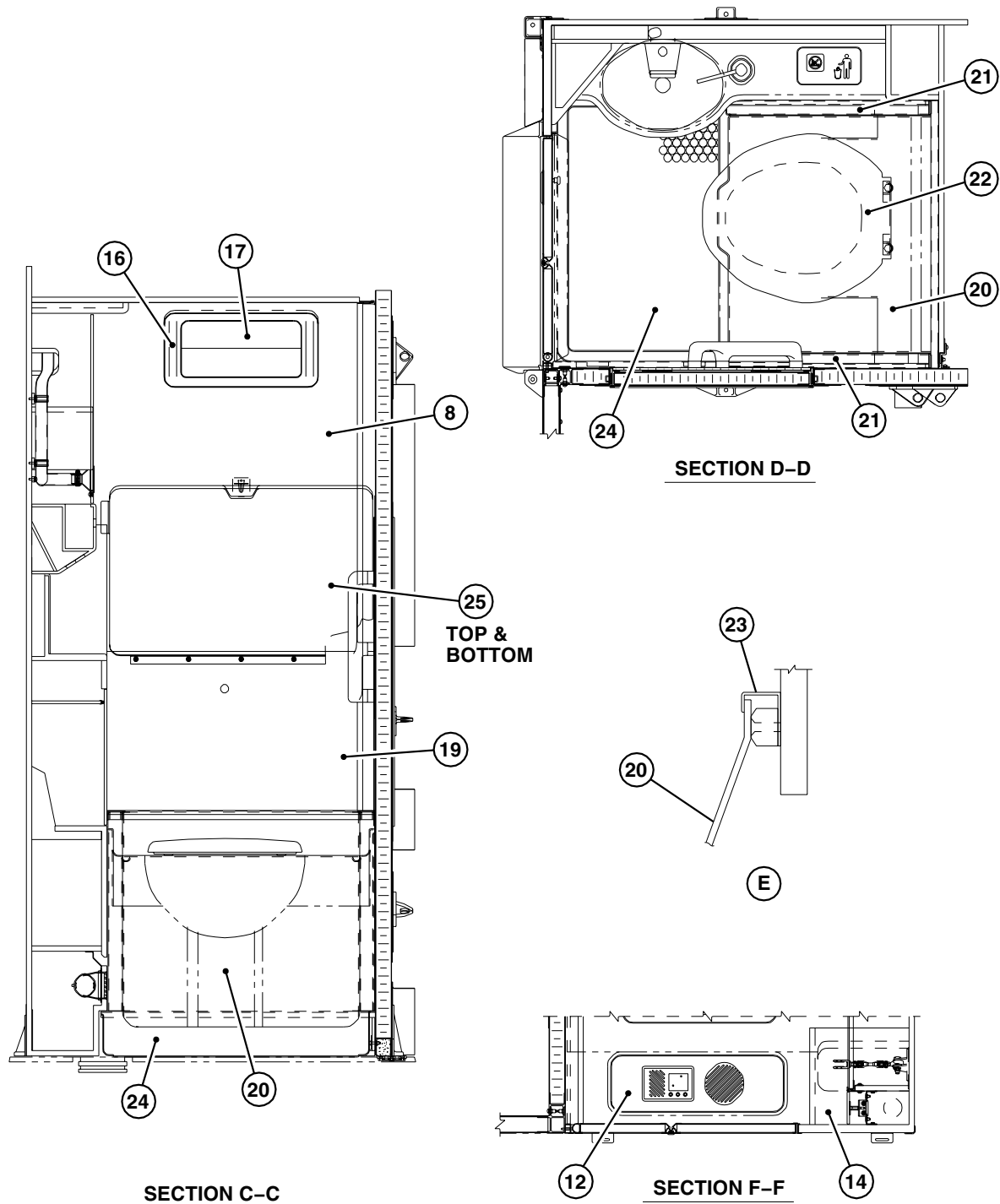
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Aft Lavatory Assembly - Trim and Finish  
(Sheet 2 of 3)  
Figure 2/GRAPHIC 25-40-53-870-004-A01

**25-40-53**

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



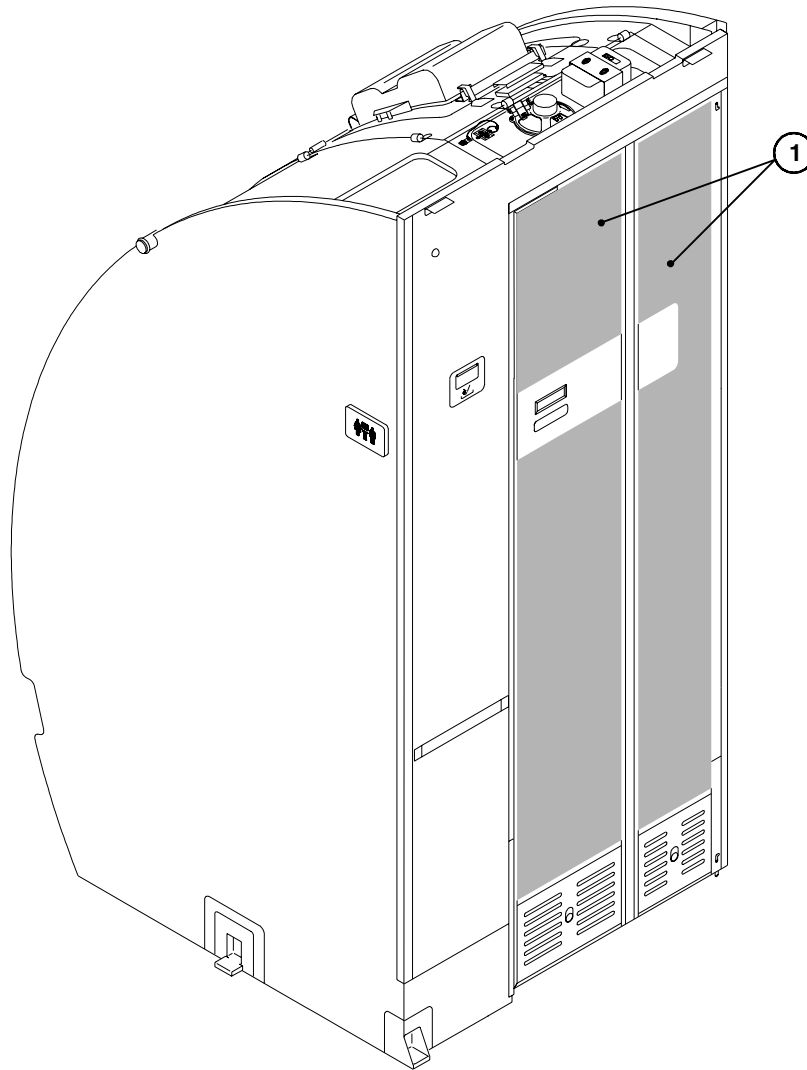
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Aft Lavatory Assembly - Trim and Finish  
(Sheet 3 of 3)  
Figure 2/GRAPHIC 25-40-53-870-004-A01

**25-40-53**

Page 52  
Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



254053T0104

Modification Kit CDK934-11 - SB 9341231-25-04  
Figure 3/GRAPHIC 25-40-53-870-005-A01

**25-40-53**

Page 53  
Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
TESTING AND FAULT ISOLATION

TASK 25-40-53-99F-005-A01

1. General

A. This section gives test and fault isolation procedures.

NOTE: If the tests are done in a repair shop, 115VAC, 400Hz, 3 phases electrical power must be provided at lavatory connector J354 and 28VDC power must be provided at lavatory connector J352.

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

NOTE: Equivalent items can be used. All test equipment must be calibrated and carry a current calibration stiker.

C. The wiring diagrams are given in Figures 2001 thru 2003.

Test Equipment and Materials  
Table 1001/TABLE 25-40-53-940-001-A01

Nomenclature	Part or Specification Number	Source (CAGE)*
115VAC Power Supply	Model with three phases, 400Hz, 20kVA	Commercially Available
Phase Sequence Indicator	Model psi-8031	AWS Industries Inc. (Tomak Precision) (V2W138)
Micro-ohmmeter	Model 5600	AEMC Instruments (V07BQ3)
Test Console	PN 9341710-501	Safran Cabin Inc. (V56135)
Test Jumper Harness	PN 9341710-601	Safran Cabin Inc. (V56135)
Stereo Amplifier	Realistic or Olympus, model SA-155	Commercially Available
Digital Multimeter	— — —	Commercially Available
Sweep/Function Generator	— — —	Commercially Available
28VDC Power Supply	Minimum of 5A of load current supply capability or equivalent	Commercially Available
Digital Multimeter / Voltmeter	100kHz Bandwidth	Commercially Available
<b>* Refer to the IPL, paragraph 6, for the address.</b>		

NOTE: All test equipment must be calibrated and carry a current calibration sticker. Substitutions can be made to this equipment with the approval of Safran Cabin Inc. Electrical Engineering.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-700-001-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 TEST

- (1) Do a continuity check of all wires and make sure that all connections have been accomplished in accordance with the Safran Cabin Inc. Drawings shown in the Wiring Diagram. Do NOT apply any power at this time.

B. STATIC GROUNDING AND BONDING TEST USING AEMC MICRO-OHMMETER MODEL 5600

**CAUTION: THIS TEST IS TO BE PERFORMED ON DE-ENERGIZED CIRCUITS ONLY. MAKE SURE THAT THE INTERNAL BATTERY OF THE MICRO-OHMMETER IS FULLY CHARGED PRIOR TO TESTING. DAMAGE TO EQUIPMENT AND/OR INJURY TO PERSONNEL CAN OCCUR IF EQUIPMENT IS MISUSED. MAKE SURE THAT ONLY QUALIFIED PERSONNEL OPERATE THIS EQUIPMENT.**

- (1) Make sure that the ON/OFF switch is in the OFF position. There will be no LCD display or LED "fault" indicator lit prior to connecting leads to the unit under test (UUT).
- (2) Connect red leads to red banana jacks on micro-ohmmeter.
- (3) Connect black leads to black banana jacks on micro-ohmmeter.
- (4) Select polarity switch to positive (+) position.
- (5) Select range switch to the 1A, 200mΩ position.
- (6) Connect positive lead clip and return lead clip to points indicated in for testing.
- (7) Make sure no unauthorized personnel are in area of testing.
- (8) Turn power ON by pressing ON/OFF switch for display on the LCD.
- (9) Make sure fault LED is extinguished. (Repositioning of lead connections can be necessary for a stable reading or reading can be out of the 200mΩ range).
- (10) Monitor milliohm reading for test stated in Table 1002.

**NOTE:** If milliohm reading is out of tolerance at any of the measuring point, turn power OFF, disconnect leads, and correct malfunction. After malfunction is corrected, recheck previous failure points. If all reading are in tolerance, proceed to next step.

- (11) Turn power OFF.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Measurement Points  
Table 1002/TABLE 25-40-53-700-001-A01

Destination		Max. Resistance
From (positive lead)	To (return lead)	(mΩ)
HR27GND (Water Heater) HR27J1-3 (Water Heater)	GS510X	100
K160GND (Motor Timer)	GS510X	100
PS92P2GND (Ballast Ground)	GS510X	100
MT211P1-3 (Liquid Level Transmitter)	GS510X	100

TASK 25-40-53-700-002-A01

3. System Functional Tests

A. Test Set Up

- (1) Do not apply power at this time.
- (2) Open all circuit breakers and set all switches to OFF on Test Console 9341710.
- (3) Make sure that all connections have been accomplished in accordance with applicable Safran Cabin Inc. Wiring Diagram drawing for the lavatory being tested.
- (4) Attach PN 9341708-503 test jumper (Table 1001) between the lavatory and test console.
- (5) Apply de-energized 115VAC, 3 phase power to connector J1 of the test console 9341710.
- (6) Energize AC power source and close circuit breaker CB1 on test console.
- (7) Use multimeter to make sure 115VAC reading at A, B & C phase.

B. Lighting System (Mirror, Countertop, and Ceiling Lights)

NOTE: Make sure that the lavatory door is not closed and in locked position initially.

- (1) Close CB1, CB2 circuit breaker, and switch S1 on test console 9341710.
- (2) Make sure that both Mirror and Counter Light Assemblies are illuminated in DIM mode.
- (3) Close lavatory door, lock, and make sure that the vanity mirror and counter light assemblies are in the BRIGHT mode and dome light is ON. Make sure that the lavatory occupied sign is ON, and check L2 on Console is ON.
- (4) Unlock the lavatory door. Make sure that the Mirror and Countertop Light Assemblies revert to the DIM mode. Make sure that the Dome light, L2 indicator on test console, and Lavatory Occupied Sign on the lavatory are extinguished.
- (5) Set maintenance switch (located in water heater compartment) to ON position and make sure that all conditions of step (3).

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

**C. Water Heater System and Heat Hoses Assembly-Check Continuity only.**

- (1) Do a continuity check and measure resistances of heated hose assemblies on the following destinations.

<b>Destination</b>		
<b>From</b>	<b>To</b>	<b>Measured Resistance (<math>\Omega</math>) Range</b>
P352-A	HR27J1-4	N/A
P352-B	HR27J1-2	N/A
P370-A	HR27J1-5	N/A
P370-B	HR27J1-1	N/A
P370-SHIELD	HR27J1-6	N/A
P352-E (Optional)	HR39P1	N/A
P352-F (Optional)	HR39P2	N/A
P352-C (Optional)	HR38J1	N/A
P352-D (Optional)	HR38J2	N/A
P352-E (Optional)	P352-F (Optional)	673-823
P352-C (Optional)	P352-D (Optional)	725-886

**D. Oxygen System**

- (1) The oxygen door must be taped (use masking tape) to only allow it to open 20°C - 30°C, thus preventing the oxygen mask from deploying completely.
- (2) Set S2 switch on test console to ON. Make sure that the oxygen box door is unlatched.
- (3) Set S2 switch to OFF. Reset the latch and close the oxygen box door, and remove the masking tape.

**E. Information Signs**

- (1) Set S3 switch to ON and make sure that the return to seat ordinance sign on the lavatory passenger service panel is ON.
- (2) Set S3 switch to OFF.
- (3) Make sure that the sign is extinguished.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

F. Attendant Call System

- (1) Inside lavatory push the ATTENDANT CALL SWITCH located on the lavatory passenger service panel and verifies the LED inside the switch is ON and the AUDIBLE CHIME is heard from the Test Console. Also make sure that the CALL LIGHT on the lavatory is ON and the CALL LIGHT (L1) on the Test Console is ON.
- (2) Push the ATTEND CALL SWITCH and make sure that the LED inside the switch is OFF, the lavatory CALL LIGHT is OFF, and the CALL LIGHT (L1) on the test Console is OFF.

G. Smoke Detection System

- (1) Make sure that the power indicator (green LED) on the smoke detector is ON.
- (2) Push and hold the SELF-TEST SWITCH with a tool approximately 3 - 5 in (7.62 - 12.7 cm) in length and 0.1 in (0.254 cm) in diameter (e.g. a ballpoint pen). Make sure that the AURAL ALARM TONE makes a steady sound, and the alarm indicator (red LED) is ON.
- (3) Push and hold the INTERRUPT SWITCH next to the SELF-TEST SWITCH until the AURAL ALARM TONE is silent. Make sure that the alarm indicator (red LED) is still ON.
- (4) Release the SELF-TEST SWITCH. Make sure that the alarm indicator (red LED) is OFF.
- (5) Introduce actual smoke into smoke detector sensor and make sure AURAL ALARM TONE makes a pulsating sound with alarm indicator (red LED) ON.
- (6) Push and release the INTERRUPT SWITCH next to the SELF-TEST SWITCH and make sure that the AURAL ALARM TONE is silent and the alarm indicator (red LED) is ON.
- (7) Clear smoke detector sensor of smoke until alarm indicator (red LED) is OFF. Smoke detector is now reset.

H. Speaker

- (1) Set FREQUENCY RANGE SWITCH on the generator to 500 position, the WAVEFORM SWITCH is in the SINE WAVE.
- (2) Push functions generator POWER to ON and make sure red LED indicator is ON.
- (3) Select TUNER on the stereo amplifier and make sure that the BALANCE KNOB is in the middle position.
- (4) Push stereo amplifier POWER to ON and make sure red LED indicator is ON.
- (5) Rotate VOLUME KNOB on stereo amplifier fully clockwise.
- (6) Rotate COARSE KNOB on function generator fully clockwise.
- (7) Push function generator and stereo amplifier POWER to OFF position on test console.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

I. Water Supply and Drain System

(1) Leakage Check - Water Supply System

NOTE: Equipment used to test the water supply system shall consist of a compressed air source connected to the CDTF2000 that is filled with air or gas in the test fixture tank. This apparatus is then connected to the lavatory water supply inlet.

- (a) Make sure plumbing system is installed per plumbing installation drawing, to include the water heater.
- (b) Pressurize system using low pressure to 90 psig by shop or other pressure, then switch to high-pressure and pump to 125 psig and close the test gauge shut-off valve. Let pressure hold for 10 minutes.
- (c) Visually check for leakage of air pressure at all mechanical joints in plumbing system by applying a water with soap solution and look for bubbles to appear as evidence of leakage.
- (d) If any leak has been detected, release the pressure from system and correct the cause of leakage.
- (e) Repeat the preceding test procedure until no leaks or detected.

(2) Water Heater Pressure Relief Valve Check

- (a) From the previous test, slowly increase the pressure until air comes out of the pressure relief valve. This should occur at a pressure between 130 and 150 psi (896.318 and 1034.21 kPa).
- (b) Record the pressure reading at which the pressure relief valve released the pressure on test data sheet.

(3) Leakage and Drain Check - Water Drain System

- (a) Plug the outlet of the drain system.
- (b) Fill the lavatory sink with water to the half-way level of the sink.
- (c) Monitor for leakage at all mechanical joints in plumbing system by looking for evidence of water and by watching to see if the sink water level drops. Monitor for 10 minutes.
- (d) If any leak has been detected, remove the water from the drain system and correct the cause of leakage.
- (e) Repeat the preceding test procedure until no leak is detected.
- (f) Remove the plug from the drain outlet and make sure water in the sink has totally drained.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(4) Functional Test - Water Supply System

- (a) Plug the outlet of the drain system.
- (b) Connect the water source with the test gauge and shut-off valve to the water inlet of the lavatory.
- (c) Open the lavatory shut-off valve.
- (d) Pressurize the water supply system to  $45 \pm 5$  psig ( $310.26 \pm 34.47$  kPa).
- (e) Activate the faucet for water dispersion at a steady flow rate, and note the water dispersion time.

NOTE: Mechanically timed faucet (adjustable) turn off after 3 to 10 seconds.

- (f) Open the drains line and make sure that the water drains through the drain system at the drain outlet.
- (g) Remove water source and test equipment.

J. Filament Voltage / Resistance Test for Lamps DS285, DS286, and DS287.

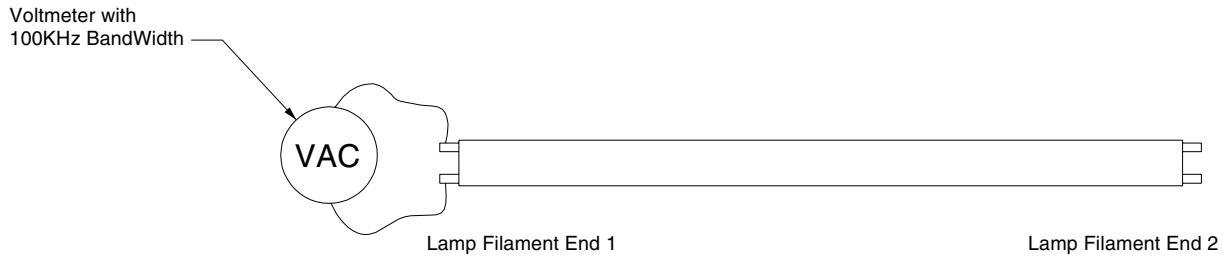
Resistance Test:

- (h) Make sure that the lavatory power is turned off.
- (i) Carefully remove each lamp from the lamp carrier.
- (j) Using the digital multimeter, measure the resistance of each end of the lamp filament.
- (k) Measured value should range between 2 -  $6\Omega$ .
- (l) If lamps are within range, place them back in the lamp carrier.

Voltage Test:

- (m) Turn on lavatory power with lamps in the DIM mode.
- (n) Use Digital Multimeter/Voltmeter (100kHz Bandwidth) and set at VAC measurement.
- (o) Accepted Voltage Range is 3 - 4VAC.
- (p) Measure each end of Lamp Filament DS285, DS286, DS287 as shown in Figure 1001.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Lamp Filament  
Figure 1001/GRAPHIC 25-40-53-750-002-A01

K. Test Completion

- (1) Set power source to OFF.
- (2) Open all circuit breakers and set all switches to OFF on test console and lavatory.

TASK 25-40-53-700-003-A01

4. Fault Isolation Procedures

- A. Fault isolation procedures are given in Table 1003.

Fault Isolation Procedures  
Table 1003/TABLE 25-40-53-700-002-A01

Trouble	Probable Cause	Corrective Action
CONTINUITY CHECK AND INSULATION RESISTANCE TEST		
Open or short circuit.	<p>Damaged electrical wire harness.</p> <p>Open or shorted wire connection; damaged terminal or wire insulation; incorrect wire routing.</p>	<p>Replace the wire harness.</p> <p>Refer to REPAIR section for general electrical repair instructions; refer to SCHEMATIC AND WIRING DIAGRAMS section for wiring diagrams.</p>
ELECTRICAL SYSTEM FUNCTIONAL TESTS		

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Fault Isolation Procedures  
Table 1003/TABLE 25-40-53-700-002-A01 (continued)

<b>Trouble</b>	<b>Probable Cause</b>	<b>Corrective Action</b>
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 section for general electrical repair instructions, refer to SCHEMATIC AND WIRING DIAGRAMS section for wiring diagrams.
No power to electrical equipment.	Electrical connector is not connected.	Check all electrical connections for secure contact, refer to SCHEMATIC AND WIRING DIAGRAMS section.
<b>COMPONENT FUNCTIONAL TESTS</b>		
Leakage in the plumbing.	Loose connections or clamps; damaged hoses, tubes or fittings.	Tighten the clamps and fittings; replace damaged components.
Fluorescent lights do not turn on, dim, or brighten as specified.	Damaged lavatory occupied switch.	Replace switch.
	Failed fluorescent lamp; lamp not fully engaged in lamp holder.	Reinstall or replace the lamps.
	Failed ballast.	Replace the ballast.
The water heater does not heat water as specified.	Damage water heater.	Replace the water heater.
<b>LATCH</b>		
Inoperative latch assembly.	Latch assembly is damaged internally.	Replace the latch assembly.
Latch assembly does not engage striker properly.	Bent or damaged striker.	Replace striker.
	Latch bolt is damaged.	Replace the latch assembly.
	Latch assembly is damaged internally.	Replace the latch assembly.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
SCHEMATIC AND WIRING DIAGRAMS

TASK 25-40-53-750-001-A01

1. General

- A. Schematic 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 thru 2003 give the wiring diagrams for the Aft Lavatory Assembly.

Wiring Diagram  
Table 2001/TABLE 25-40-53-99A-005-A01

SHEET	REV CODE	DESCRIPTION OF REVISION AND REASON FOR CHANGE	SERVICE BULLETIN	EFFECTIVITY
All	NC	Initial Release Figure 2001 (PN 9342008-1/-3)		All
All	1	Revised Figure 2001 to incorporate latest engineering changes and added -5.	934X701-25-01	All
7 thru 10	3	Revised Figure 2001 to incorporate latest engineering changes and added -7.		All
All	3	Added Figure 2002 (PN D402008-1)		All
3 and 6	11	Revised Figure 2001 to incorporate latest engineering changes.		All
2 and 3	11	Revised Figure 2002 to incorporate latest engineering changes.		All
1 and 8	14	Revised Figure 2001 to incorporate latest engineering changes.		All
1, 2, and 3	14	Revised Figure 2002 to incorporate latest engineering changes.		All
All	14	Added Figure 2003 (PN 9341008-1/-9)		All

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

**NOTES:** UNLESS OTHERWISE SPECIFIED

- 1 INTERCONNECTION PER BRUCE IND. DWG BR9903-903.
- 2 BONDING JUMPER PN MS5083-3PB36
- 3 GROUND STRAP FURNISHED WITH TOILET ASSEMBLY.
- 4 SHIELDED PIGTAIL TO BE TERMINATED TO BACKSHELL.
- 5 TO BE INSTALLED IN LAV C.
- 6 GS5105 (LAV C)  
GS5106 (LAV E)
- 7 -1 SUPERSEDED BY -5. APPLY FROM A/C 10183 & SUB.
- 8 LAMP CARRIER FURNISHED WITH FLY-LEAD WIRES. TERMINATED AT SAFRAN CABIN INC.
- 9 BONDING JUMPING PN MS25083-3SB
- 10 USED ON CRJ900 LAVTORIES.
- 11 WIRES TO BE M22759/43-22-9.

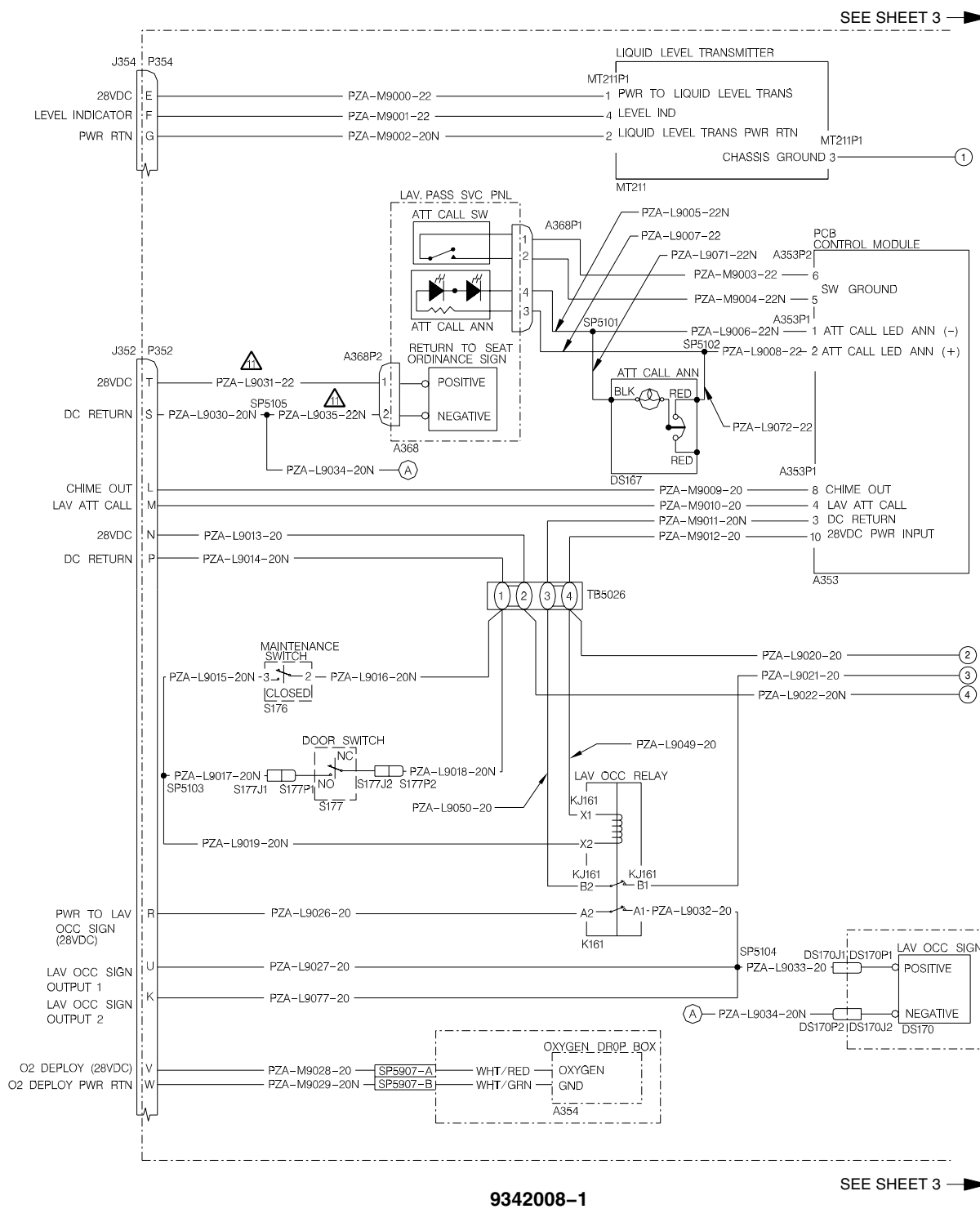
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Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 1 of 10)  
Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2002  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



## Wiring Diagram - Aft Lavatory Assembly (PN 9342008)

(Sheet 2 of 10)

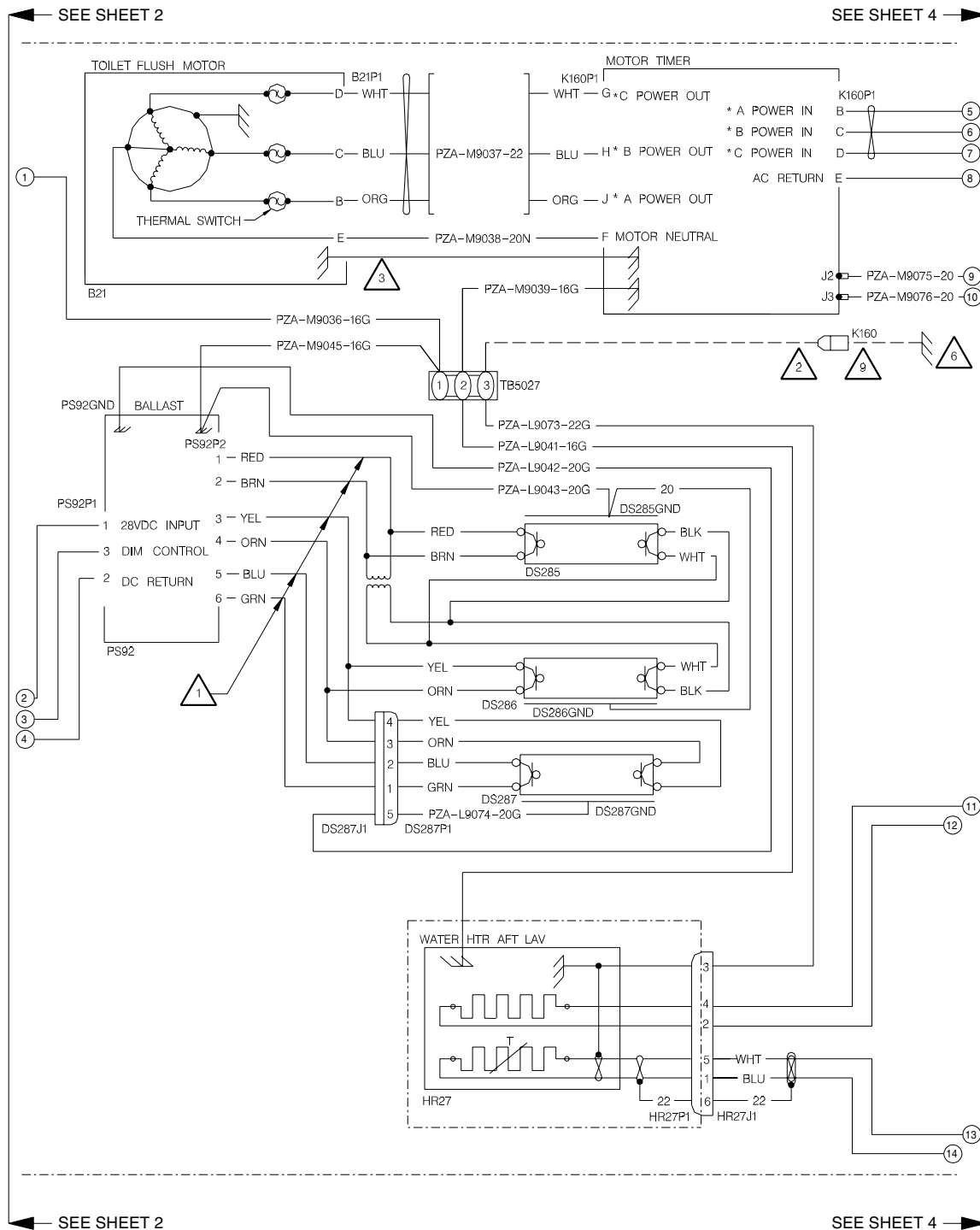
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**25-40-53**

Page 2003  
Aug 02/19

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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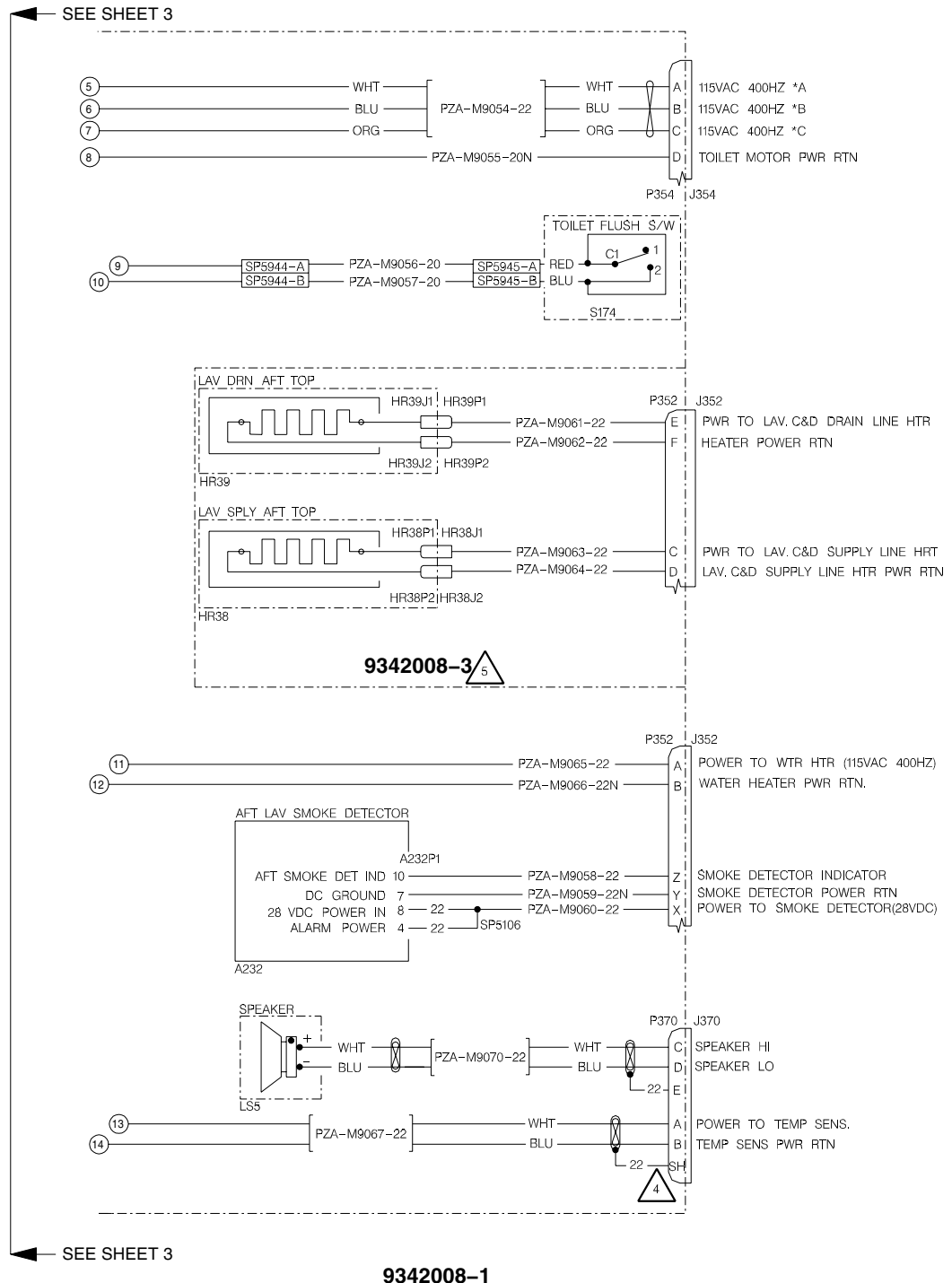
Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 3 of 10)

Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2004  
Aug 02/19

# COMPONENT MAINTENANCE MANUAL A412001/K042702



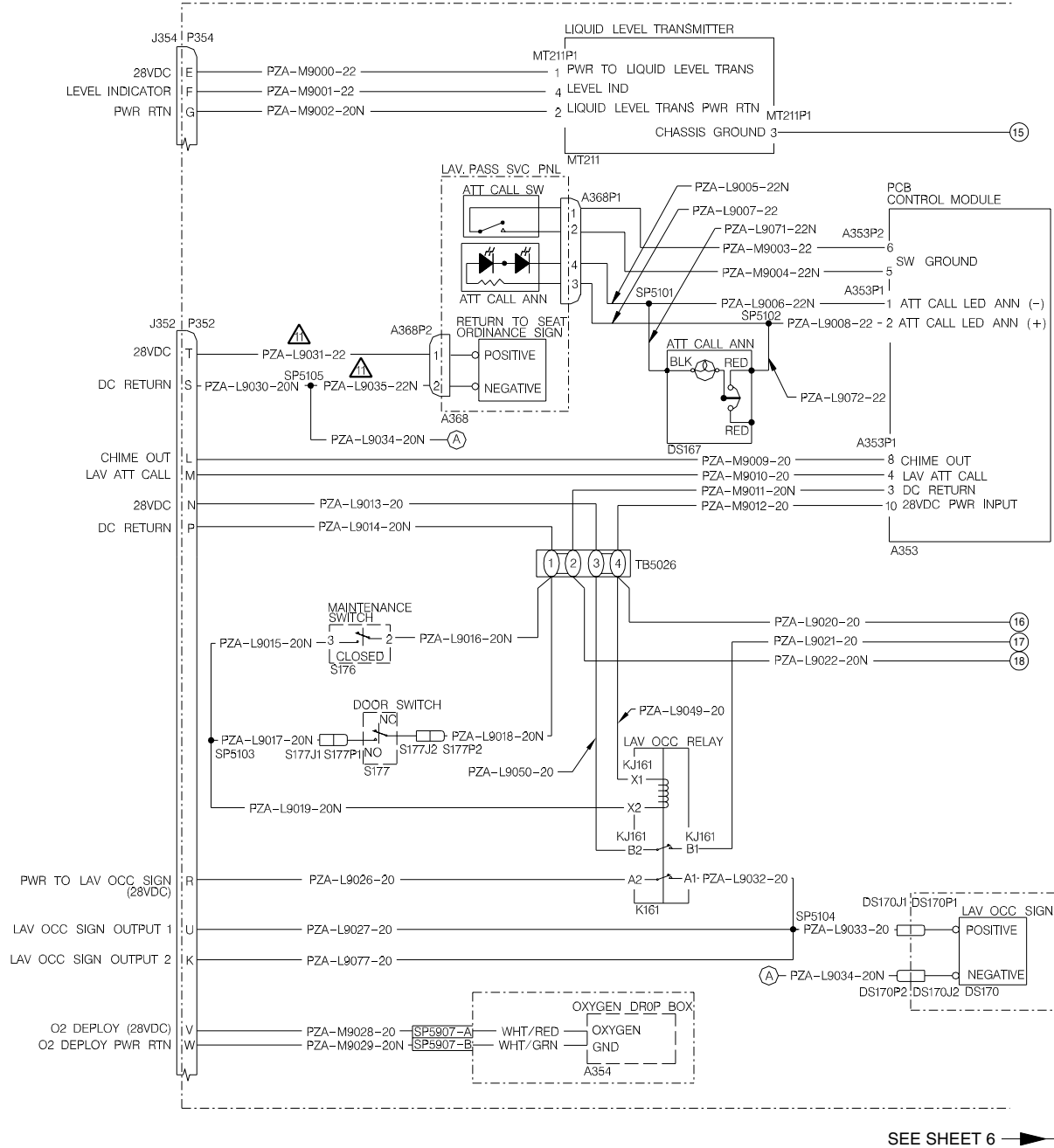
Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 4 of 10)  
Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2005  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

SEE SHEET 6



SEE SHEET 6

9342008-5

Wiring Diagram - Aft Lavatory Assembly (PN 9342008)

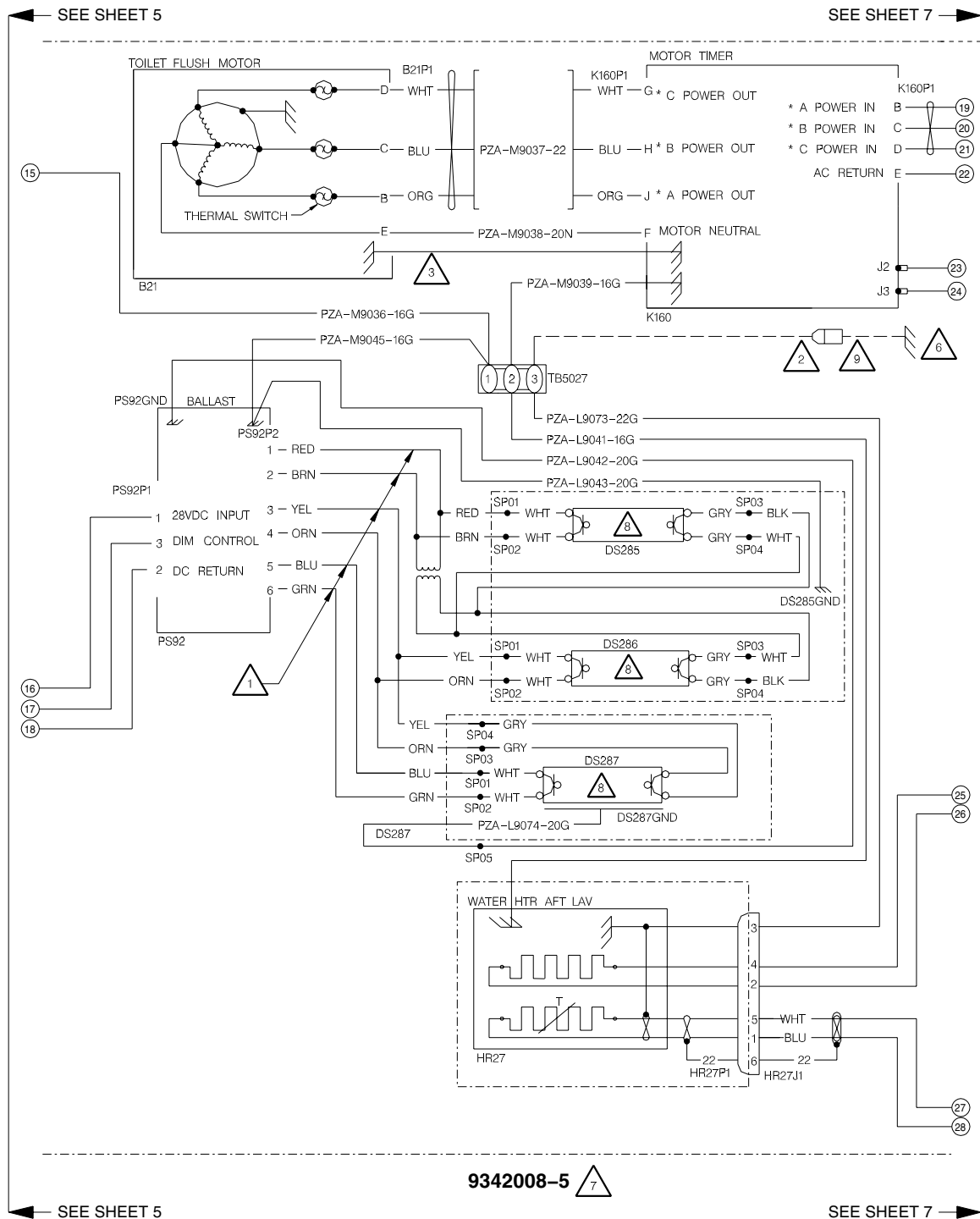
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Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2006  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



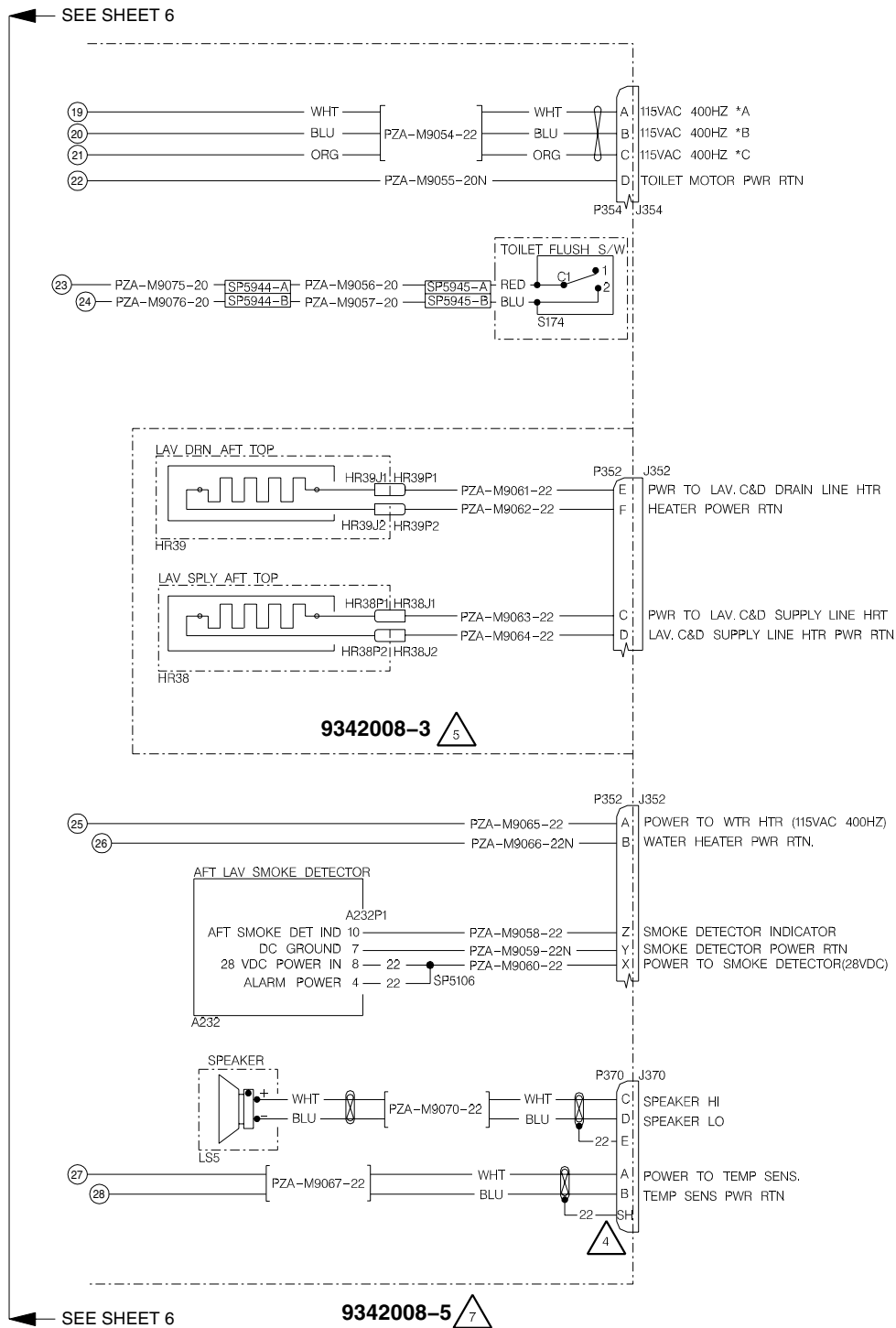
Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 6 of 10)

Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2007  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



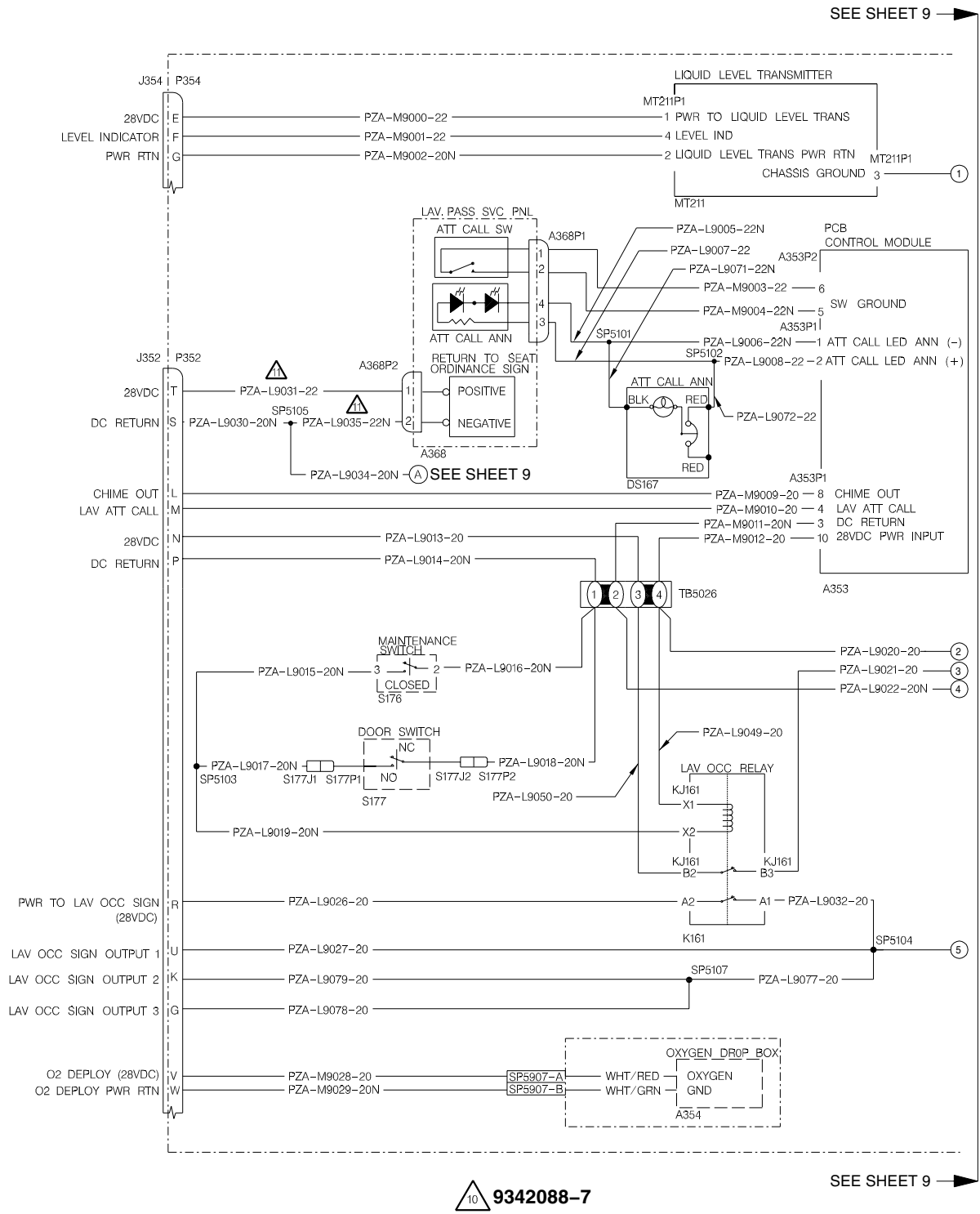
Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 7 of 10)

Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2008  
Aug 02/19

# COMPONENT MAINTENANCE MANUAL A412001/K042702



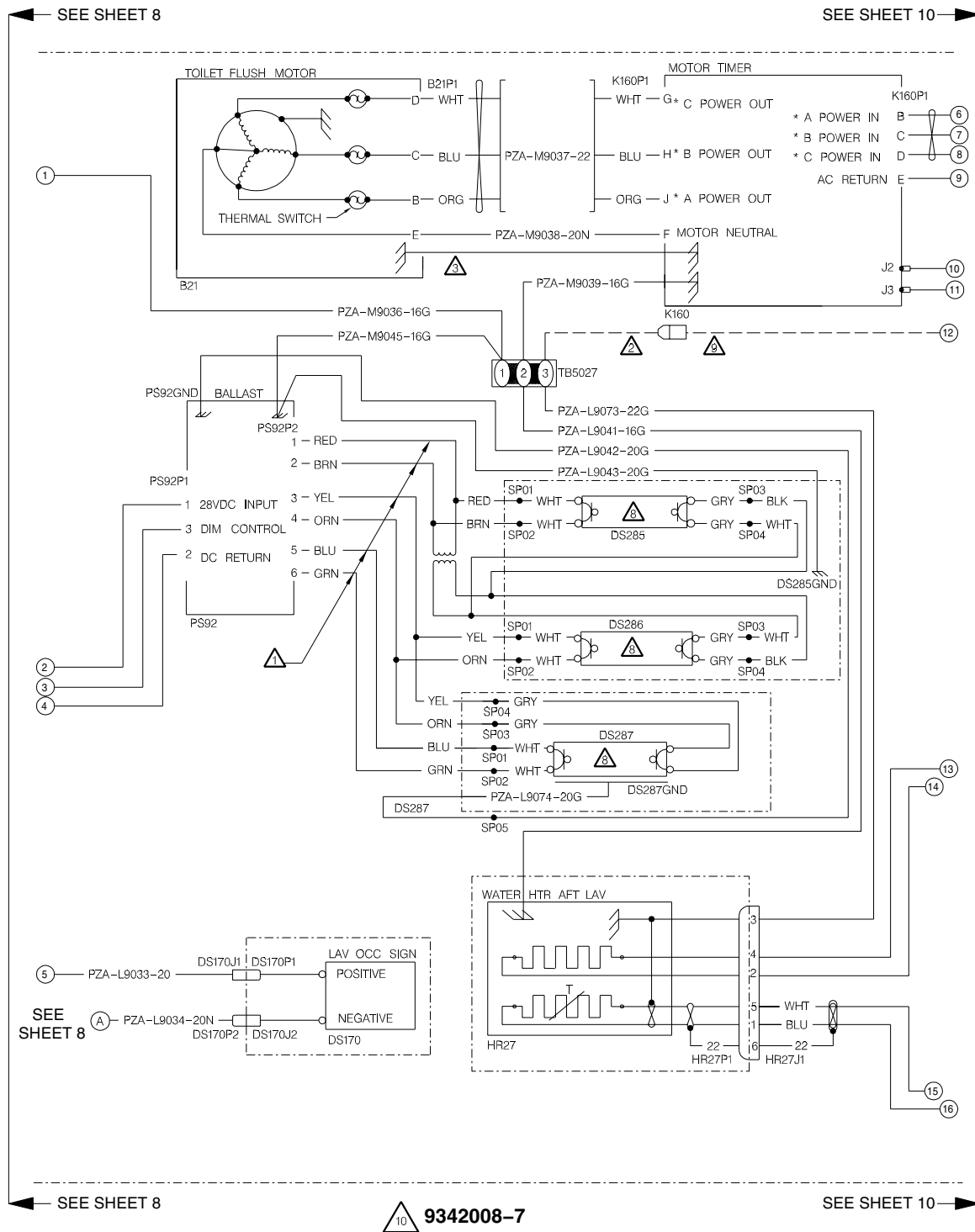
Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 8 of 10)

Figure 2001/GRAPHIC 25-40-53-750-001-A01

# 25-40-53

Page 2009  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Wiring Diagram - Aft Lavatory Assembly (PN 9342008)  
(Sheet 9 of 10)

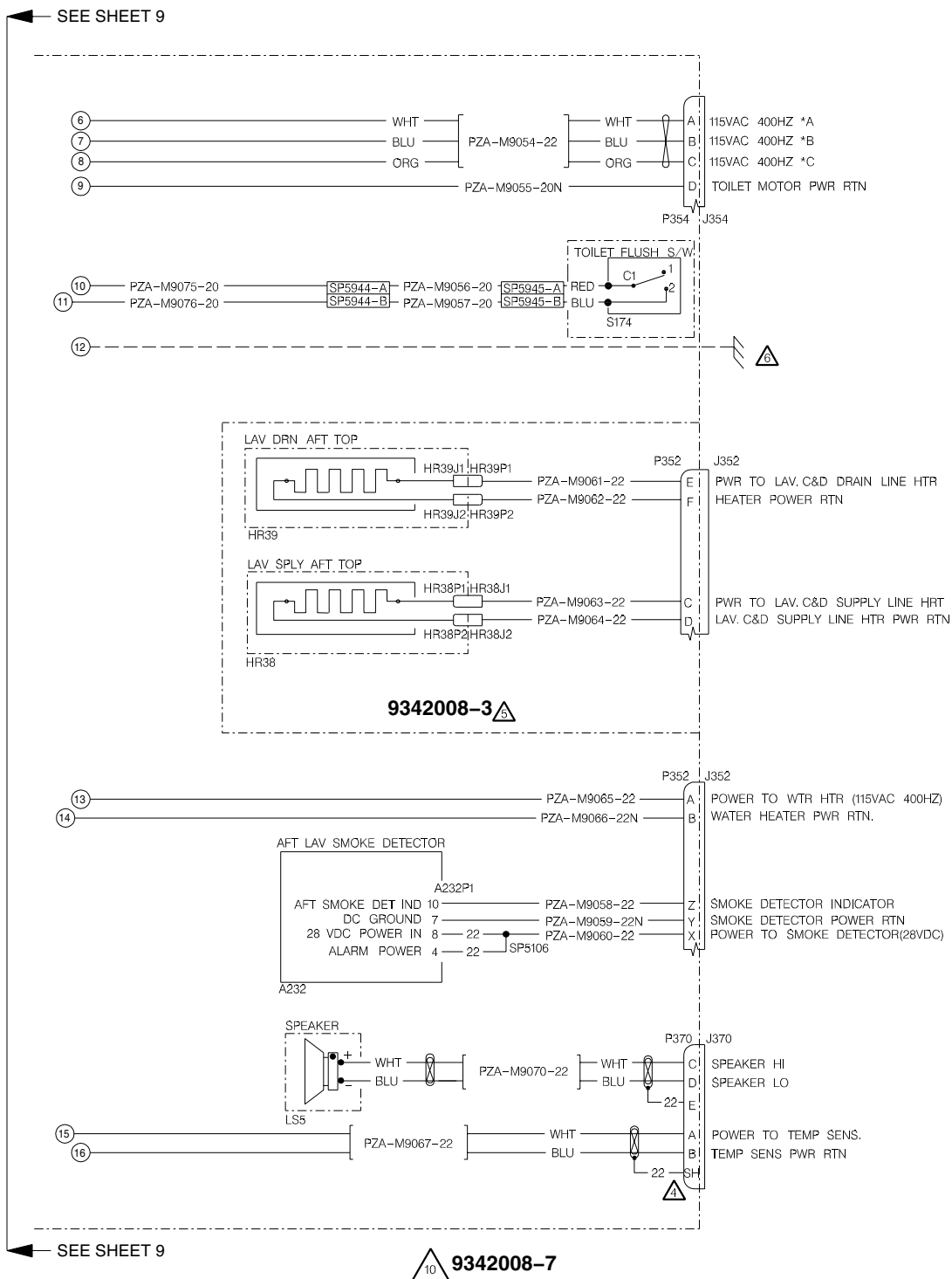
Figure 2001/GRAPHIC 25-40-53-750-001-A01

**25-40-53**

Page 2010  
Aug 02/19

## COMPONENT MAINTENANCE MANUAL

### A412001/K042702



Wiring Diagram - Aft Lavatory Assembly (PN 9342008)

(Sheet 10 of 10)

Figure 2001/GRAPHIC 25-40-53-750-001-A01

# 25-40-53

Page 2011  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

**NOTES: UNLESS OTHERWISE SPECIFIED**

- △ OPTIONAL.
- △ BONDING JUMPER PN 9327336-507; FURNISHED BY SAFRAN CABIN INC.
- △ BONDING JUMPER PN MS25083-3P; FURNISHED BY BOMBARDIER ON A/C.
- △ GROUND STRAP FURNISHED WITH TOILET ASSEMBLY.
- △ SHIELDED PIGTAIL TO BE TERMINATED TO BACKSHELL.

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Wiring Diagram - Aft Lavatory Assembly (PN D402008-1)  
(Sheet 1 of 3)  
Figure 2002/GRAPHIC 25-40-53-750-003-A01

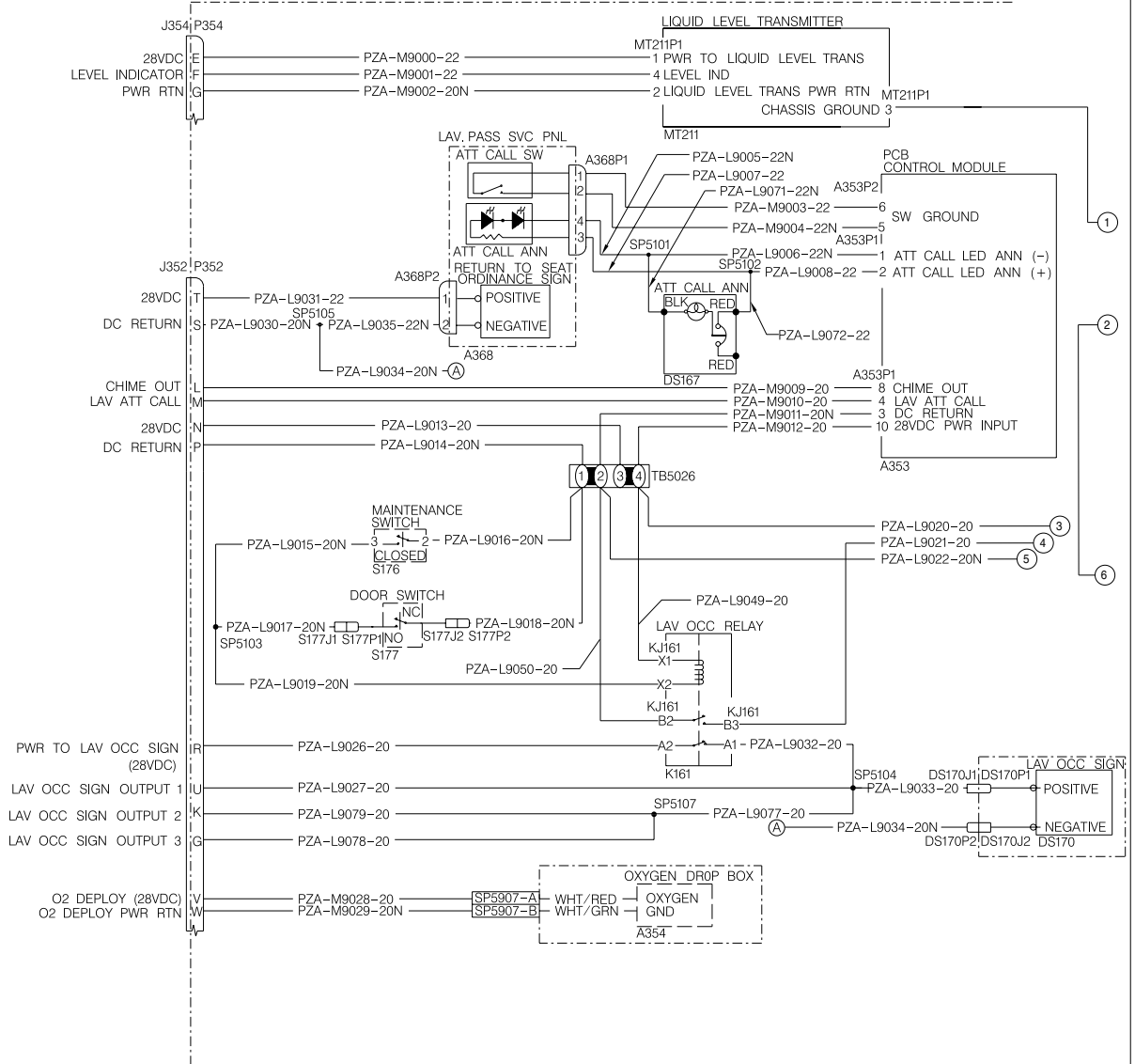
**25-40-53**

Page 2012  
Aug 02/19

# COMPONENT MAINTENANCE MANUAL

## A412001/K042702

SEE SHEET 3 →



D402008-1

SEE SHEET 3 →

Wiring Diagram - Aft Lavatory Assembly (PN D402008-1)

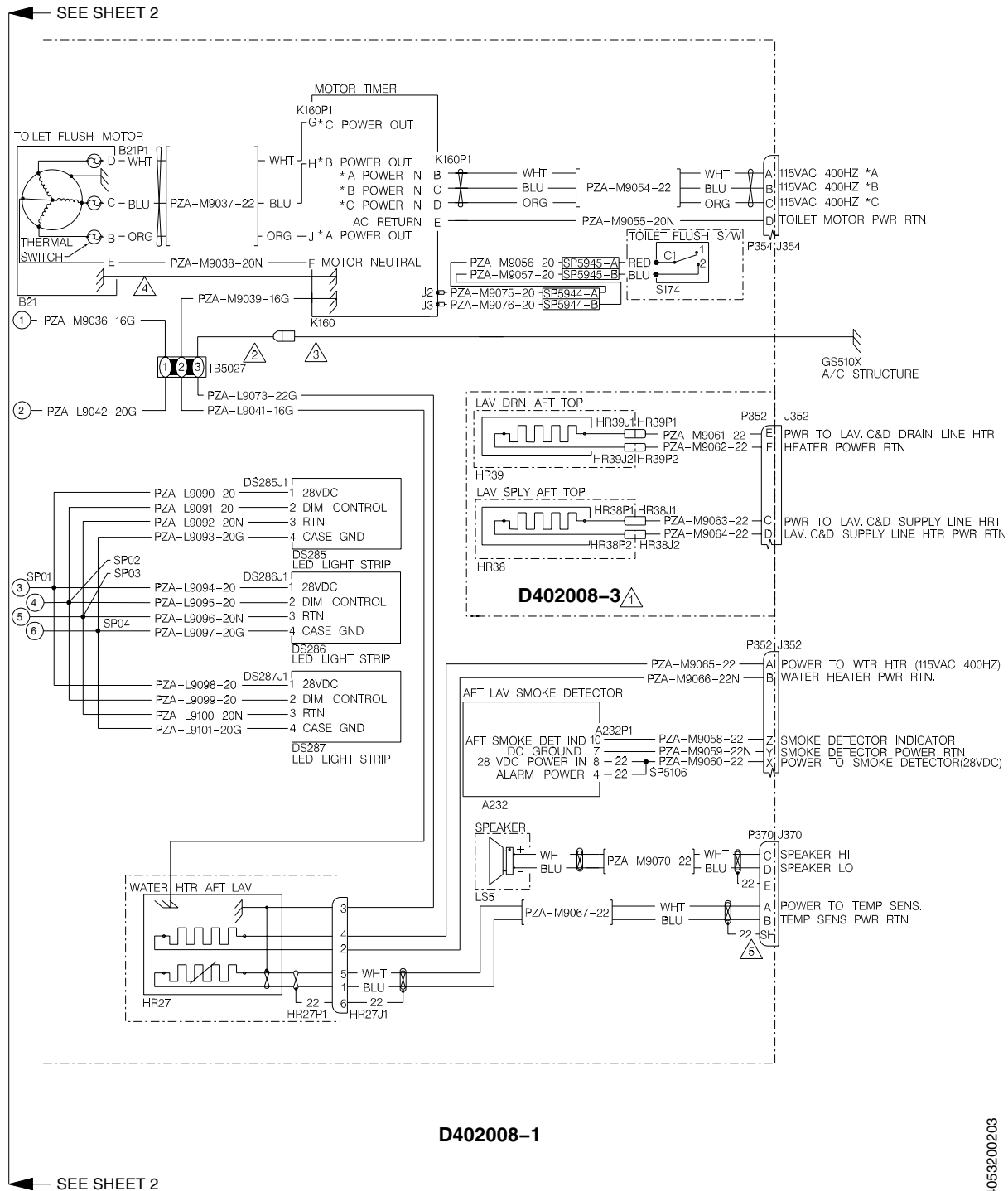
(Sheet 2 of 3)

Figure 2002/GRAPHIC 25-40-53-750-003-A01

# 25-40-53

Page 2013  
Aug 02/19

# COMPONENT MAINTENANCE MANUAL A412001/K042702



Wiring Diagram - Aft Lavatory Assembly (PN D402008-1)  
(Sheet 3 of 3)







Figure 2002/GRAPHIC 25-40-53-750-003-A01

**25-40-53**

Page 2014  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

**NOTES: UNLESS OTHERWISE SPECIFIED**

-  INTERCONNECTION PER BRUCE IND. DWG BR9903-903.
-  TO BE INSTALLED FOR CUSTOMER WITH TS25-42-201, CR25-42-204 & CR25-42-203.
-  GROUND STRAP FURNISHED WITH TOILET ASSEMBLY.
-  LAMP CARRIER FURNISHED WITH FLY-LEAD WIRES. TERMINATED AT SAFRAN CABIN INC.
-  BONDING JUMPER PN MS25083-3SB.
-  WIRE TO BE M22759/43-22-9.

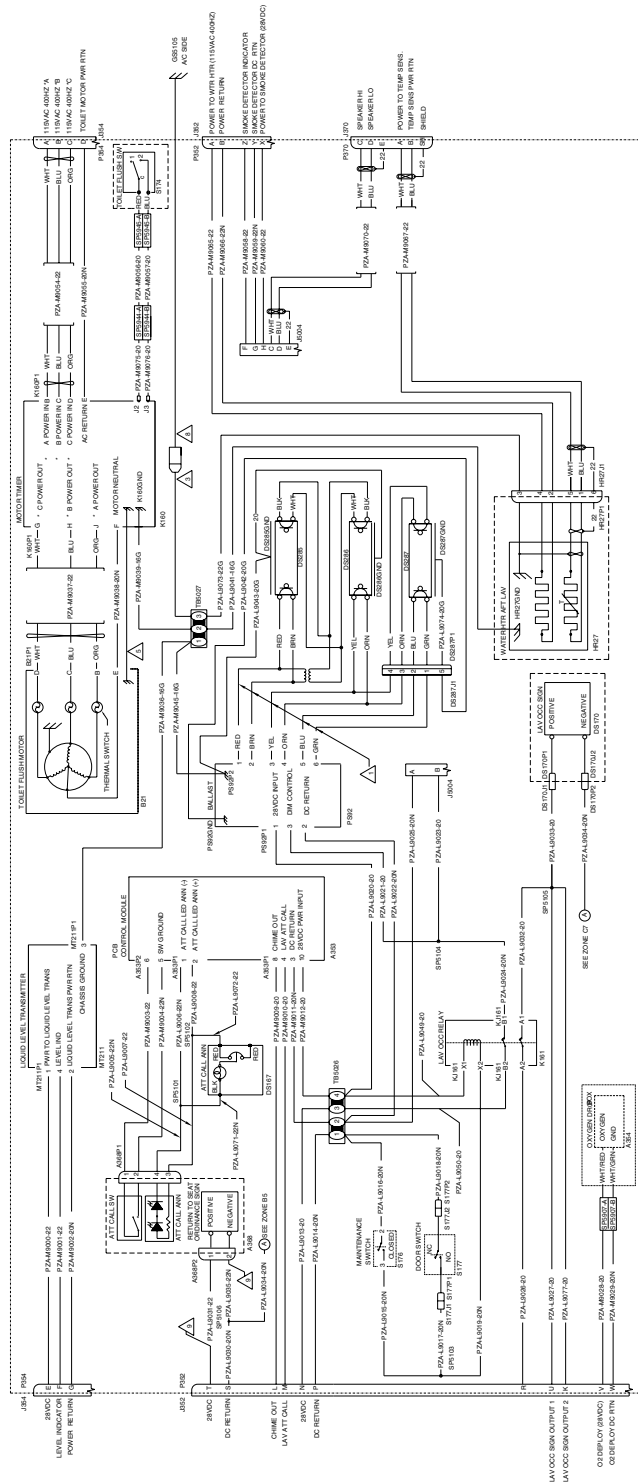
Wiring Diagram - Aft Lavatory Assembly (PN 9341008)  
(Sheet 1 of 3)  
Figure 2003/GRAPHIC 25-40-53-750-004-A01

**25-40-53**

Page 2015  
Aug 02/19

# COMPONENT MAINTENANCE MANUAL

## A412001/K042702



1 SHOWN

Wiring Diagram - Aft Lavatory Assembly (PN 9341008)

(Sheet 2 of 3)

Figure 2003/GRAPHIC 25-40-53-750-004-A01

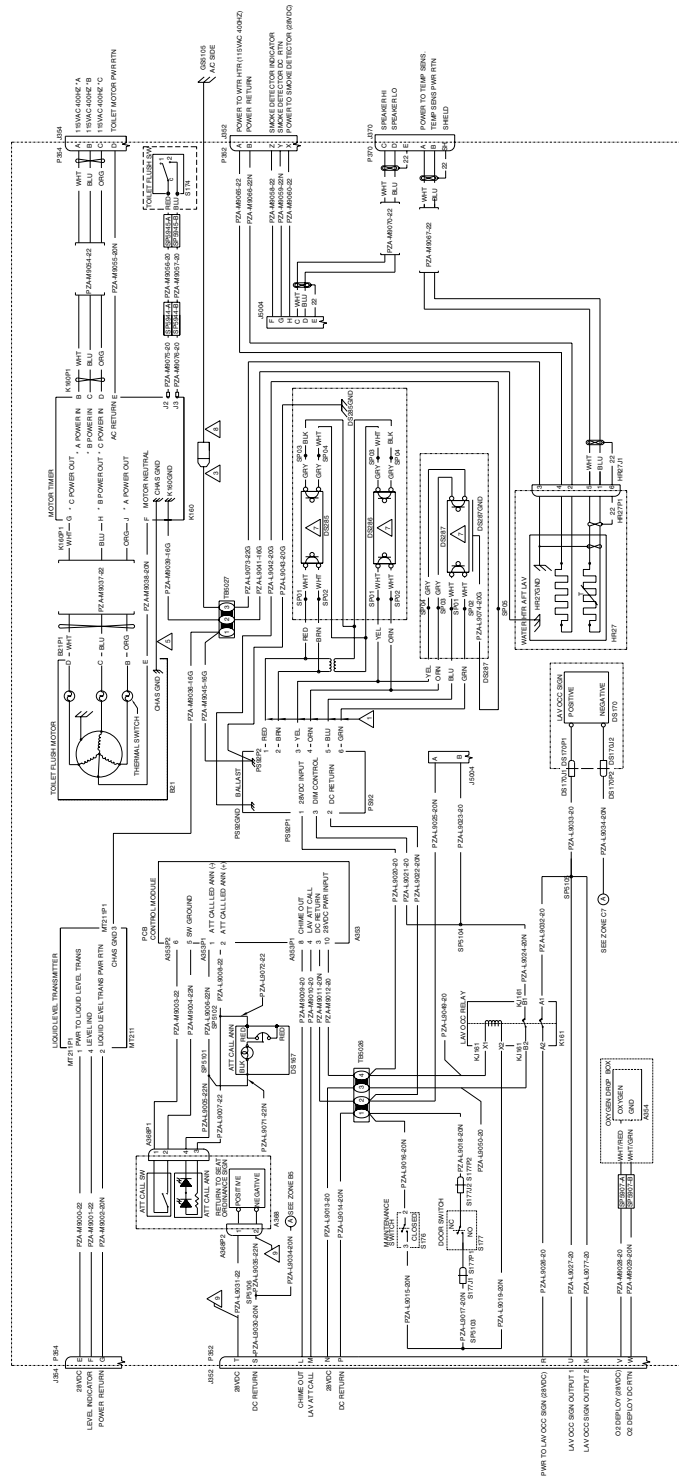
# 25-40-53

Page 2016  
Aug 02/19

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# COMPONENT MAINTENANCE MANUAL

## A412001/K042702



9 SHOWN

Wiring Diagram - Aft Lavatory Assembly (PN 9341008)

(Sheet 3 of 3)

Figure 2003/GRAPHIC 25-40-53-750-004-A01

# 25-40-53

Page 2017  
Aug 02/19

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
DISASSEMBLY

TASK 25-40-53-99F-006-A01

1. General

- A. This section contains special instructions and notes needed to prevent damage to components and possible injury during disassembly of the Aft Lavatory Assembly.

NOTE: Disassembly sequence can be changed.

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

TASK 25-40-53-000-001-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 AFT LAVATORY ASSEMBLY HAS DECORATIVE SURFACES THAT ARE EASILY DAMAGED. COVER THE SURFACES AND HANDLE THE UNIT WITH CARE TO PREVENT DAMAGE.**

SUBTASK 25-40-53-040-001-A01

A. Lavatory Assembly (IPL Figure 1)

- (1) Remove and disassemble the lavatory C main unit assembly (-5 or -5A), lavatory E main unit assembly (-5B, -5C, -5D, -5E, -5F, -5H, -5J, -5K, -5N, or -5P), or lavatory A main unit assembly (-5G) as follows:
- (a) Remove and disassemble the bonded structure assembly (10, -10A, -10B, or -10C) in accordance with SUBTASK 25-40-53-040-002-A01.
  - (b) Remove the components of the electrical installation (15, -15A, -15B, -15C, -15D, or -15E) in accordance with SUBTASK 25-40-53-040-003-A01 or SUBTASK 25-40-53-040-004-A01.
  - (c) Remove the components of the plumbing installation (20, -20A, or -20B) in accordance with SUBTASK 25-40-53-040-005-A01 or SUBTASK 25-40-53-040-006-A01.
  - (d) Remove the rivets (-35) to release the nameplates (25 and 30A). Refer to REPAIR section to replace the bonded nameplates (25 and 30A).
  - (e) Refer to REPAIR section to replace the bonded placard (-37).
  - (f) Remove the nut (42), washers (50), and bolt (52) to release the tie-rod assembly (40). Disassemble the tie-rod assembly (40) as follows:

- 1 Remove and disassemble the clevis assembly (-60) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- a Remove the bushings (65).
  - b Remove the clevis (70).
- 2 Remove the left-hand rod end (75).
- 3 Remove the jam drilled right-hand nut (80).
- 4 Remove the jam drilled left-hand nut (85).
- 5 Remove the locking washer-rod ends (90).
- 6 Remove the rod body (95).
- (g) Remove the screws (105) to release the ashtray (100).
- (h) Refer to REPAIR section to replace the bonded SB incorporation placard (-116 or -116A).
- (i) Remove the screws (125) to release the vertical corner trim (120).
- (j) Remove the screws (135) and washers (140) to release the brackets (130).
- (k) Remove the screws (145).
- (l) Remove the rubber washers (150).
- (m) Remove the bushings (155).
- (n) Remove the assist handle cups (160).
- (o) Remove the assist handle (165).
- (p) Remove the soap dispenser bottle (170A) or soap dispenser installation (-170B).
- (q) Remove the components of the countertop installation (-175 or -175A) as follows:
  - 1 Remove the screws (185) and washers (190) to release the angle bracket (180).
  - 2 Remove the screws (200) and washers (205A) to release the angle bracket (195).
  - 3 Remove the screws (210).
  - 4 Remove the washers (215).
  - 5 Remove and disassemble the countertop assembly (220 or -220A) in accordance with SUBTASK 25-40-53-040-022-A01.
- (r) Refer to REPAIR section to replace the bonded bezel assembly (225).
- (s) Remove the components of the amenity box installation (230) in accordance with SUBTASK 25-40-53-040-007-A01.
- (t) Remove the components of the door mirror installation (235 or -235A) in accordance with SUBTASK 25-40-53-040-008-A01 or SUBTASK 25-40-53-040-009-A01.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (u) Remove the components of the top closeout panel installation (-240) as follows:
  - 1 Remove the screws (250) and washers (255) to release the mounting angle (245).
  - 2 Remove the screws (265) and washers (270) to release the mounting angle (260).
  - 3 Remove and disassemble the closure panel assembly (275) as follows:
    - a Remove the panel (-279).
- (v) Remove the components of the service door installation (280) in accordance with SUBTASK 25-40-53-040-010-A01.
- (w) Remove the components of the waste compartment installation (285 or -285A) in accordance with SUBTASK 25-40-53-040-011-A01.
- (x) Remove the components of the water heater access panel installation (-290 or -290A) as follows:
  - 1 Remove the screws (300), screw (-302), and washers (305) to release the bracket assembly (295 or -295A). Disassemble the bracket assembly (295 or -295A) as follows:
    - a Remove the rivets (-307 or -307A) to release the ball-stud speed clip (306) or nutplate (-306A).
    - b Remove the bracket (-308 or -308A).
  - 2 Refer to REPAIR section to replace the bonded plate (-310).
  - 3 Remove and disassemble the access plate assembly (-315 or -315A) as follows:
    - a Remove the screws (317) and washers (318) to release the clip (316).
    - b Remove the ball stud (319).
    - c Remove the plate (319A).
    - d Refer to REPAIR section to replace the bonded rubber seal (-319B).
    - e Refer to REPAIR section to replace the bonded panel assembly (319C).
    - f Refer to REPAIR section to replace the bonded extrusion (-319E).
    - g Remove the plate (-319F).
    - h Refer to REPAIR section to replace the bonded panel assembly (-319G).
- (y) Remove the components of the drop ceiling installation (320) in accordance with SUBTASK 25-40-53-040-012-A01.
- (z) Remove the components of the air duct installation (325, -325A, -325B, or -325C) in accordance with SUBTASK 25-40-53-040-013-A01, SUBTASK 25-40-53-040-014-A01, SUBTASK 25-40-53-040-015-A01, or SUBTASK 25-40-53-040-016-A01.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (aa) Remove the screws (346) and washers (347) to release the bracket assemblies (345). Disassemble the bracket assemblies (345) as follows:
  - 1 Remove the rivets (-349A) to release the nutplate (-349).
  - 2 Remove the bracket (-349B).
- (ab) Remove the spacers (351).
- (ac) Remove the screw (352).
- (ad) Remove the washer (353).
- (ae) Refer to REPAIR section to replace the bonded rubber seal (354).
- (af) Refer to REPAIR section to replace the bonded service compartment trim (355).
- (ag) Remove the screws (360).
- (ah) Remove the washers (365).
- (ai) Remove the 9G bulkhead assembly (370).
- (aj) Refer to REPAIR section to replace the bonded seal (375).
- (ak) Remove the screws (385) and washers (390) to release the seat track cover (380).
- (al) Remove the screws (400) and washers (405) to release the retainers (395).
- (am) Remove the components of the floor pan installation (-420 or -420A) as follows:
  - 1 Remove the screws (430) and washers (435) to release the spring clips (425).
  - 2 Remove and disassemble the floor pan assembly (-440 or -440A) as follows:
    - a Refer to REPAIR section to replace the bonded bracket (445).
    - b Remove the floor mat (450).
    - c Remove the floor pan (455 or -455A).
    - d Refer to REPAIR section to replace the bonded loop velcro (-460).
- (an) Remove the components of the entry door installation (465, -465A, -465B, or -465D) in accordance with SUBTASK 25-40-53-040-017-A01.
- (ao) Remove the components of the toilet tank installation (470) in accordance with SUBTASK 25-40-53-040-018-A01.
- (ap) Remove the screws (495) to release the trim assembly (490). Disassemble the trim assembly (490) as follows:
  - 1 Remove the trim (-500).
  - 2 Remove the spacer (505).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 3 Remove the spacers (510).
- 4 Refer to REPAIR section to replace the bonded foam tape double-sided (515A).
- (aq) Remove the screws (525) and washers (530) to release the spring clips (520).
- (ar) Refer to REPAIR section to replace the bonded bumper (535 or -535B).
- (as) Remove the screws (545) and washers (550) to release the hinge assemblies (-540).  
Disassemble the hinge assemblies (-540) as follows:
  - 1 Remove the bumper (560).
  - 2 Remove the rivets (-566) to release the hinge (565).
  - 3 Remove and disassemble the sub hinge assembly (-570) as follows:
    - a Remove the drive screws (575).
    - b Remove the pin (580).
    - c Remove the hinge (585).
    - d Remove the hinge (590).
- (at) Remove the backplates (595).
- (au) Remove the components of the rubstrip installation (-600) as follows:
  - 1 Remove the screws (610) to release the light gray end caps (605).
  - 2 Remove the retainer (615).
  - 3 Remove the rubstrip (620).
- (av) Remove and disassemble the bulkhead assembly (625) in accordance with SUBTASK 25-40-53-040-023-A01.
- (aw) Remove the screws (-635) and washers (-640) to release the mounting angle (-630).
- (ax) Remove the screw (-650) and washer (-655) to release the mounting angle (-645).
- (2) Remove and disassemble the toilet shroud installation (660) or toilet shroud assembly (-660A) in accordance with SUBTASK 25-40-53-040-019-A01 or SUBTASK 25-40-53-040-020-A01.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (3) Remove the SB incorporation placard (-665).

SUBTASK 25-40-53-040-025-A01

B. Lavatory Assembly (IPL Figure 1A)

- (1) Refer to REPAIR section to replace the bonded placard (5).

SUBTASK 25-40-53-040-002-A01

C. Bonded Structure Assembly (IPL Figure 2)

- (1) Remove the screws (10) to release the floor fitting (5).
- (2) Remove the insulating sheet (15).
- (3) Refer to REPAIR section to replace the bonded floor fitting doubler (20).
- (4) Remove the screws (30) to release the floor fitting doubler (25). Refer to REPAIR section to replace the bonded floor fitting doubler (25).
- (5) Remove the screws (40) to release the floor fitting (35).
- (6) Remove the insulating sheet (45).
- (7) Refer to REPAIR section to replace the bonded floor fitting doubler (50).
- (8) Remove the screws (60A) to release the floor fitting doubler (55). Refer to REPAIR section to replace the bonded floor fitting doubler (55).
- (9) Remove the screws (70) to release the spacer (65).
- (10) Remove the screws (80) to release the spacer (75).
- (11) Refer to REPAIR section to replace the bonded doublers (85).
- (12) Remove the screws (95) to release the spacer (90).
- (13) Refer to REPAIR section to replace the bonded doublers (100).
- (14) Refer to REPAIR section to replace the bonded angle bracket (105).
- (15) Remove the screws (115) and washers (120) to release the angle bracket (110). Refer to REPAIR section to replace the bonded angle bracket (110).
- (16) Remove the screws (130), screws (135), and washers (140) to release the angle bracket (125). Refer to REPAIR section to replace the bonded angle bracket (125).
- (17) Refer to REPAIR section to replace the bonded closeout trim (145).
- (18) Remove the screws (155), screws (160), and washers (165) to release the doubler (150). Refer to REPAIR section to replace the bonded doubler (150).
- (19) Remove the screws (175) to release the fitting bracket (170).
- (20) Refer to REPAIR section to replace the bonded fitting doubler (180).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (21) Refer to REPAIR section to replace the bonded stab-in extrusion assembly (185).
- (22) Refer to REPAIR section to replace the bonded stab-in extrusion assembly (190).
- (23) Refer to REPAIR section to replace the bonded stab-in extrusion assembly (195).
- (24) Remove the screws (205) and washers (210) to release the brackets (200). Refer to REPAIR section to replace the bonded brackets (200).
- (25) Refer to REPAIR section to replace the bonded spacers (215).
- (26) Remove the screws (225) to release the doubler (220). Refer to REPAIR section to replace the bonded doubler (220).
- (27) Refer to REPAIR section to replace the bonded doublers (230).
- (28) Refer to REPAIR section to replace the bonded grommets (235).
- (29) Refer to REPAIR section to replace the bonded spacer (240).
- (30) Refer to REPAIR section to replace the bonded spacer (245).
- (31) Refer to REPAIR section to replace the bonded spacer (250).
- (32) Refer to REPAIR section to replace the bonded forward panel assembly (255, -255A, -255B, or -255C).
- (33) Refer to REPAIR section to replace the bonded inboard panel assembly (265, -265A, or -265B).
- (34) Refer to REPAIR section to replace the bonded middle closeout panel assembly (275).
- (35) Refer to REPAIR section to replace the bonded bottom support panel assembly (280 or -280A).
- (36) Refer to REPAIR section to replace the bonded mirror divider panel assembly (285).
- (37) Refer to REPAIR section to replace the bonded ceiling outboard panel assembly (290 or -290A).
- (38) Refer to REPAIR section to replace the bonded mirror divider panel assembly (295).
- (39) Refer to REPAIR section to replace the bonded service compartment panel assembly (300).
- (40) Refer to REPAIR section to replace the bonded lower compartment panel assembly (305).
- (41) Refer to REPAIR section to replace the bonded bottom panel assembly (310).
- (42) Refer to REPAIR section to replace the bonded aft panel assembly (315).

SUBTASK 25-40-53-040-003-A01

D. Electrical Installation (IPL Figure 3)

- (1) Remove the PSU PCB assembly (5).
- (2) Remove the screws (15) to release the circuit board cover (10).
- (3) Remove the stand-off (20).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (4) Remove the sturdi-post spacer (25).
- (5) Remove the PCB card guide (30).
- (6) Remove the screws (40) and washers (45) to release the PCB guide brackets (35).
- (7) Refer to REPAIR section to replace the bonded placard (50).
- (8) Remove the screws (70A) and washers (75A) to release the bracket (65).
- (9) Refer to REPAIR section to replace the bonded placard (77).
- (10) Remove the screws (80B) and washers (85) to release the DC ballast (78A).
- (11) Remove the screws (95B) and flat washers (100B) to release the relay bracket (90).
- (12) Refer to REPAIR section to replace the bonded placard (105).
- (13) Remove the fluorescent lights (110) or fluorescent lamps (-110A).
- (14) Remove the screws (120A), washers (125), and lock washers (130) to release the light carriers (115A or -115B).
- (15) Remove the screw (132).
- (16) Remove the washers (133).
- (17) Remove the lock washer (134).
- (18) Refer to REPAIR section to replace the bonded placard (135).
- (19) Refer to REPAIR section to replace the bonded placard (140).
- (20) Refer to REPAIR section to replace the bonded placard (145).
- (21) Remove the terminal board assembly (150).
- (22) Remove the links (155A).
- (23) Refer to REPAIR section to replace the bonded placard (165).
- (24) Refer to REPAIR section to replace the bonded placard (170).
- (25) Remove the passenger service panel assembly (-175).
- (26) Refer to REPAIR section to replace the bonded placard (215).
- (27) Remove the attendant call switch (220).
- (28) Refer to REPAIR section to replace the bonded placard (225).
- (29) Remove and disassemble the flush handle assembly (230) as follows:
  - (a) Remove the handle (-231).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (b) Remove the socket set screw (-232).
- (30) Remove the screws (240) and flat washers (245) to release the mounting bracket assembly (235). Disassemble the mounting bracket assembly (235) as follows:
  - (a) Remove the rivets (-247) to release the plate (-246). Refer to REPAIR section to replace the bonded plate (-246).
  - (b) Remove the spacer (-248).
  - (c) Remove the bracket (-249).
- (31) Refer to REPAIR section to replace the bonded placard (250).
- (32) Remove the screws (310A) and washers (315) to release the lavatory occupied sign (305).
- (33) Refer to REPAIR section to replace the bonded placard (320).
- (34) Remove the power switch (325).
- (35) Refer to REPAIR section to replace the bonded placard (330).
- (36) Remove the screws (340) and flat washers (345) to release the connector bracket (335).
- (37) Remove the screws (372) and washers (373A) to release the loop clamps (360, 365, and 370).
- (38) Remove the cable ties (-375).
- (39) Refer to REPAIR section to replace the bonded cable tie mounts (-380A).
- (40) Remove the screws (385A).
- (41) Remove the washers (390).
- (42) Remove the lock nuts (395).
- (43) Refer to REPAIR section to replace the bonded grommets (400A).
- (44) Refer to REPAIR section to replace the bonded grommets (405A).
- (45) Refer to REPAIR section to replace the bonded grommets (410A).
- (46) Refer to REPAIR section to replace the bonded grommets (413).
- (47) Refer to REPAIR section to replace the bonded placard (415).
- (48) Refer to REPAIR section to replace the bonded placard (420).
- (49) Refer to REPAIR section to replace the bonded placard (425).
- (50) Refer to REPAIR section to replace the bonded placard (430).
- (51) Refer to REPAIR section to replace the bonded placard (435).
- (52) Refer to REPAIR section to replace the bonded placard (-440).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (53) Remove the wire harness assembly (445, -445A, or -445B).
- (54) Remove the cable ties (621).
- (55) Remove the flexible tubing (622).
- (56) Remove the wire harness assembly (625).
- (57) Remove the wire harness assembly (640).
- (58) Remove the wire harness assembly (650).
- (59) Remove the wire harness assembly (-665).
- (60) Remove the wire harness assembly (700).
- (61) Remove the wire harness assembly (730).
- (62) Remove the splice (-740).

SUBTASK 25-40-53-040-004-A01

E. Electrical Installation (IPL Figure 3A)

- (1) Remove the wire harness assembly (5).
- (2) Remove the PSU PCB assembly (10).
- (3) Remove the screws (20) and stand-offs (25) to release the circuit board cover (15).
- (4) Remove the sturdi-post spacers (30).
- (5) Remove the PCB card guide (35).
- (6) Remove the screws (45) and washers (50) to release the PCB guide brackets (40).
- (7) Refer to REPAIR section to replace the bonded placard (55).
- (8) Remove the screws (65) and washers (70) to release the relay bracket (60).
- (9) Refer to REPAIR section to replace the bonded placard (75).
- (10) Refer to REPAIR section to replace the bonded placard (-80).
- (11) Refer to REPAIR section to replace the bonded placard (-85).
- (12) Remove the LED strips (90).
- (13) Remove the screws (100) to release the mounting clips (95).
- (14) Remove the spacers (105).
- (15) Refer to REPAIR section to replace the bonded placard (-110).
- (16) Remove the screws (117) and washers (118) to release the terminal board assembly (115).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (17) Remove the links (120).
- (18) Refer to REPAIR section to replace the bonded placard (125).
- (19) Refer to REPAIR section to replace the bonded placard (130).
- (20) Remove the passenger service panel assembly (-135).
- (21) Refer to REPAIR section to replace the bonded placard (140A).
- (22) Remove the attendant call light (145).
- (23) Refer to REPAIR section to replace the bonded placard (-150).
- (24) Remove and disassemble the flush handle assembly (155) as follows:
  - (a) Remove the handle (-160).
  - (b) Remove the socket set screw (-165).
- (25) Remove the screws (175) and washers (180) to release the bracket assembly (170). Disassemble the bracket assembly (170) as follows:
  - (a) Remove the rivets (-190) to release the plate (-185). Refer to REPAIR section to replace the bonded plate (-185).
  - (b) Remove the spacer (-195).
  - (c) Remove the bracket (-200).
- (26) Refer to REPAIR section to replace the bonded placard (205).
- (27) Remove the screws (215) and washers (220) to release the lavatory occupied sign (210A).
- (28) Refer to REPAIR section to replace the bonded placard (225).
- (29) Remove the toggle switch (230).
- (30) Refer to REPAIR section to replace the bonded placard (235).
- (31) Remove the screws (245) and washers (250) to release the bracket (240).
- (32) Remove the screws (255).
- (33) Remove the flat washers (260).
- (34) Remove the nut self-lockings (265).
- (35) Remove the screws (285) and washers (290) to release the loop clamps (270 thru 280).
- (36) Remove the cable ties (-295A).
- (37) Refer to REPAIR section to replace the bonded cable tie mounts (-300).
- (38) Refer to REPAIR section to replace the bonded grommets (305).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (39) Refer to REPAIR section to replace the bonded grommets (310).
- (40) Refer to REPAIR section to replace the bonded grommets (-315).
- (41) Refer to REPAIR section to replace the bonded grommets (320).
- (42) Remove the washers (-330).
- (43) Remove the nuts (-335).
- (44) Refer to REPAIR section to replace the bonded placard (340).
- (45) Refer to REPAIR section to replace the bonded placard (345).
- (46) Refer to REPAIR section to replace the bonded placard (350).
- (47) Refer to REPAIR section to replace the bonded placard (355).
- (48) Refer to REPAIR section to replace the bonded placard (360).
- (49) Refer to REPAIR section to replace the bonded placard (-365).
- (50) Remove the wire harness assembly (370).
- (51) Remove the wire harness assembly (375).
- (52) Remove the wire harness assembly (380).

SUBTASK 25-40-53-040-005-A01

F. Plumbing Installation (IPL Figure 4)

- (1) Remove the screws (22) and washers (23) to release the loop clamps (15 and 20).
- (2) Remove the spacers (25).
- (3) Remove the spacers (27).
- (4) Remove the adapter (30).
- (5) Remove the nylon washer (35).
- (6) Remove the shut-off valve (40).
- (7) Remove the adapter (45).
- (8) Remove the water faucet assembly (50).
- (9) Remove the elbows (55).
- (10) Remove the hose assembly (60).
- (11) Remove the hose assembly (65).
- (12) Remove the screws (75) and washers (80) to release the bracket (70).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (13) Remove the screws (90) and washers (95) to release the water filter clamp assembly (85).  
Disassemble the water filter clamp assembly (85) as follows:
  - (a) Remove the clamp hose (100 or -100A).
  - (b) Remove the clamp support (-105).
- (14) Remove the spacers (106A).
- (15) Remove the water heater (110).
- (16) Remove the clamp hoses (115).
- (17) Remove the drain hose (120).
- (18) Remove the screw (137) and washer (138) to release the loop clamp (135).
- (19) Remove the spacer (140A).
- (20) Remove the muffler assembly (145).
- (21) Remove the hose clamps (150).
- (22) Remove the drain hose (155 or -155A).
- (23) Remove the drain hose (160 or -160A).
- (24) Remove the tube assembly (165).
- (25) Remove the drain hose (170).
- (26) Remove the flare tube elbow (175).
- (27) Remove the elbow (180).
- (28) Remove the screws (206), screw (207), screw (208), and washers (209) to release the loop clamps (200 and 205).
- (29) Remove the spacer (210).
- (30) Remove the spacer (213).
- (31) Remove the heated hose assembly (215).
- (32) Remove the heated hose assembly (220).
- (33) Remove the screws (230) and washers (235) to release the bracket assembly (225).
- (34) Remove the screws (245) and washers (250) to release the bracket assembly (240).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (35) Remove the silicone seal (255).

SUBTASK 25-40-53-040-006-A01

G. Plumbing Installation (IPL Figure 4A)

- (1) Remove the screw (10) and washer (15A) to release the loop clamp (5).
- (2) Remove the clamp stand-off (20).
- (3) Remove the screw (30) and washer (35A) to release the loop clamp (25).
- (4) Remove the clamp stand-off (40).
- (5) Remove the hose assembly (45).
- (6) Remove the adapter (50).
- (7) Remove the nylon washer (60) to release the shut-off valve (55).
- (8) Remove the screws (70) and washers (75A) to release the bracket (65).
- (9) Remove the adapter (80).
- (10) Remove the water faucet assembly (85) or faucet and drain assembly (-85A). Disassemble the faucet and drain assembly (-85A) in accordance with SUBTASK 25-40-53-040-024-A01.
- (11) Remove the elbows (90).
- (12) Remove the hose assembly (95).
- (13) Remove the screws (105) and washers (110A) to release the water filter clamp assembly (100).
- (14) Remove the spacers (115).
- (15) Remove the water heater (120).
- (16) Remove the hose clamps (125).
- (17) Remove the drain hose (130).
- (18) Remove the hose clamps (135).
- (19) Remove the drain hose (140).
- (20) Remove the muffler assembly (145).
- (21) Remove the screw (155) and washer (160A) to release the loop clamp (150).
- (22) Remove the stand-off clamp (165).
- (23) Remove the flare tube elbow (170).
- (24) Remove the hose clamps (175).
- (25) Remove the screw (185) and washer (190A) to release the loop clamp (180).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (26) Remove the stand-off clamp (195).
- (27) Remove the drain hose (200).
- (28) Remove the reducer (205).
- (29) Remove the hose clamps (210).
- (30) Remove the drain hose (215).
- (31) Remove the tube assembly (220).
- (32) Remove the screw (230) and washer (235A) to release the loop clamp (225).
- (33) Remove the clamp stand-off (240).
- (34) Remove the drain hose (245).
- (35) Remove the silicone seal (250).

SUBTASK 25-40-53-040-007-A01

H. Amenity Box Installation (IPL Figure 5)

- (1) Remove the screws (10) and washers (15) to release the paper holder bracket (5).
- (2) Remove the screws (25), screw (30A), washer (35A), and washers (40A) to release the paper holder bracket (20).
- (3) Remove the screws (50) and washers (55) to release the amenity box assembly (45).  
Disassemble the amenity box assembly (45) as follows:
  - (a) Remove the screws (65) and washers (70) to release the mounting brackets (60).
  - (b) Remove the screws (80A) to release the bracket assembly (75). Disassemble the bracket assembly (75) as follows:
    - 1 Remove the rivets (-82) to release the catches (-81).
    - 2 Remove the bracket (-83).
  - (c) Remove the screws (90) and washers (91) to release the light bracket assemblies (85).  
Disassemble the light bracket assemblies (85) as follows:
    - 1 Remove the rivets (-93A) to release the nutplate (-92).
    - 2 Remove the bracket (-94).
  - (d) Remove the screws (100) to release the lens assembly (95). Disassemble the lens assembly (95) as follows:
    - 1 Remove the lens (101).
    - 2 Refer to REPAIR section to replace the bonded caps (102).
    - 3 Refer to REPAIR section to replace the bonded mounting caps (103).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (e) Remove the screws (110A) to release the bracket assemblies (105). Disassemble the bracket assemblies (105) as follows:
  - 1 Remove the rivets (-112) to release the nutplate (-111).
  - 2 Remove the bracket (-113).
- (f) Remove and disassemble the bonded structure assembly (120) as follows:
  - 1 Refer to REPAIR section to replace the bonded side wall panel (125).
  - 2 Refer to REPAIR section to replace the bonded divider panel (130).
  - 3 Refer to REPAIR section to replace the bonded divider panel (135).
  - 4 Refer to REPAIR section to replace the bonded side panel (140).
  - 5 Refer to REPAIR section to replace the bonded side panel (145).
  - 6 Refer to REPAIR section to replace the bonded paper towel guide panel (150).
  - 7 Refer to REPAIR section to replace the bonded panel assembly (155). Remove and disassemble the panel assembly (155) as follows:
    - a Remove the panel (-160).
  - 8 Refer to REPAIR section to replace the bonded tissue box holder panel assembly (165). Remove and disassemble the tissue box holder panel assembly (165) as follows:
    - a Remove the panel (-170).

SUBTASK 25-40-53-040-008-A01

I. Door Mirror Installation (IPL Figure 6)

- (1) Remove and disassemble the lens assembly (-5) as follows:
  - (a) Remove the rivets (-15) to release the spring clip (10).
  - (b) Remove the rivets (-25A) to release the auto-lock pin (20).
  - (c) Remove the lens (30).
  - (d) Refer to REPAIR section to replace the bonded mount cap (35).
  - (e) Refer to REPAIR section to replace the bonded caps (40).
  - (f) Refer to REPAIR section to replace the bonded cap (45).
- (2) Remove the screws (55) to release the mount plate assembly (-50). Disassemble the mount plate assembly (-50) as follows:
  - (a) Remove the rivets (-65) to release the mount bracket (60).
  - (b) Remove the tube (70).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (c) Remove the spring pin (75).
- (d) Remove the plate (80).
- (e) Remove the rivnut (-90)
- (f) Remove the rivets (-96) to release the steel nutplates (-95).
- (3) Remove the screws (105) and washers (110) to release the mount bracket assemblies (100).  
Disassemble the mount bracket assemblies (100) as follows:
  - (a) Remove the rivets (-112) to release the nutplates (-111).
  - (b) Remove the bracket (-113).
- (4) Remove the screws (120) and washers (125) to release the retainer (115).
- (5) Remove the screws (135) and washers (140) to release the mirror door assembly (-130).  
Disassemble the mirror door assembly (-130) as follows:
  - (a) Remove the screws (150) and washers (155) to release the bracket assembly (145).
  - (b) Remove the spacer (160).
  - (c) Remove the drive screws (165).
  - (d) Remove the hinge pin (170).
  - (e) Remove and disassemble the hinge assemblies (175) as follows:
    - 1 Remove the rivets (-177) to release the bracket (-176).
    - 2 Remove the half-hinge (-178).
  - (f) Remove the screws (-185A) to release the hinge trim (180).
  - (g) Remove the screws (195) to release the trim (190).
  - (h) Remove the screws (205) to release the trim (200).
  - (i) Remove the screws (215) to release the trim (210).
  - (j) Remove the screws (225) to release the trim (220).
  - (k) Refer to REPAIR section to replace the bonded tape (-229).
  - (l) Remove the mirror (230).
  - (m) Remove and disassemble the panel assembly (235) as follows:
    - 1 Remove the panel (-245).
- (6) Remove the screws (255) and washers (260) to release the latch assembly (-250). Disassemble latch assembly (-250) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (a) Remove the screws (275A) to release the cover (270).
- (b) Remove the housing assembly (280).
- (c) Remove the hook (285).
- (d) Remove the pin (290).
- (e) Remove the rod (295).
- (f) Remove the spring pin (300).
- (g) Remove the bushing (305).
- (h) Remove the spring (310).
- (i) Remove the washer (315A).
- (j) Remove the pin (320A).
- (k) Remove the cotter pin (325).
- (l) Refer to REPAIR section to replace the bonded cap (330).
- (m) Remove the tube (335).
- (7) Remove and disassemble the spacer (336).
- (8) Refer to REPAIR section to replace the bonded guide (340).
- (9) Refer to REPAIR section to replace the bonded guide (345).
- (10) Remove the screws (355) and washers (360) to release the closeout panel assembly (-350). Disassemble the closeout panel assembly (-350) as follows:
  - (a) Remove the screws (370) and washers (375) to release the angle bracket (365).
  - (b) Remove the screws (385) to release the retainer (380).
  - (c) Remove the screws (395) and washers (400) to release the air outlet disconnect assembly (390). Disassemble the air outlet disconnect assembly (390) as follows:
    - 1 Refer to REPAIR section to replace the bonded gasket (-401).
    - 2 Remove the disconnect (-402).
  - (d) Remove the blanking plate (405).
  - (e) Refer to REPAIR section to replace the bonded air outlet trim assembly (410). Remove and disassemble the air outlet trim assembly (410) as follows:
    - 1 Remove the rivets (-412) to release the trim (-411).
    - 2 Remove the screen (-413).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (f) Remove the panel assembly (415).
- (11) Remove the screws (430) and washers (435) to release the retainer assembly (425). Disassemble the retainer assembly (425) as follows:
  - (a) Remove the nut (437), washer (438), and screw (439) to release the bracket (436).
- (12) Remove the screw (445) to release the eccentric stop (440).

SUBTASK 25-40-53-040-009-A01

J. Door Mirror Installation (IPL Figure 6A)

- (1) Remove and disassemble the lens assembly (-5) as follows:
  - (a) Remove the rivets (-15) to release the spring clip (10).
  - (b) Remove the rivets (-25A) to release the auto-lock pin (20).
  - (c) Remove the lens (30).
  - (d) Refer to REPAIR section to replace the bonded mount cap (35).
  - (e) Refer to REPAIR section to replace the bonded caps (40).
  - (f) Refer to REPAIR section to replace the bonded cap (45).
- (2) Remove the screws (55) to release the mount plate assembly (-50). Disassemble the mount plate assembly (-50) as follows:
  - (a) Remove the rivets (-65) to release the bracket (60).
  - (b) Remove the spacer (70).
  - (c) Remove the spring pin (75).
  - (d) Remove the rivets (-85) to release the plate (80).
  - (e) Remove the nutplates (-90).
- (3) Remove the screws (100) and washers (105) to release the mount bracket assemblies (95). Disassemble the mount bracket assemblies (95) as follows:
  - (a) Remove the rivets (-115) to release the nutplates (-110).
  - (b) Remove the bracket (-120).
- (4) Remove the screws (130) and washers (135) to release the retainer (125).
- (5) Remove the screws (145) and washers (150) to release the mirror door assembly (-140). Disassemble the mirror door assembly (-140) as follows:
  - (a) Remove the screws (160), washers (165), and spacer (170) to release the bracket assembly (155).
  - (b) Remove the drive screws (175).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (c) Remove the hinge pin (180).
- (d) Remove and disassemble the hinge assemblies (185) as follows:
  - 1 Remove the rivets (-195) to release the bracket (-190).
  - 2 Remove the half-hinge (-200).
- (e) Remove the screws (210A) to release the hinge trim (205).
- (f) Remove the screws (220) to release the trim (215).
- (g) Remove the screws (230) to release the trim (225).
- (h) Remove the screws (240) to release the trim (235).
- (i) Remove the screws (250) to release the trim (245).
- (j) Refer to REPAIR section to replace the bonded tape (-254).
- (k) Remove the mirror (255).
- (l) Remove and disassemble the panel assembly (260) as follows:
  - 1 Remove the panel (-265).
- (6) Remove the screws (275) and washers (280) to release the latch assembly (-270). Disassemble the latch assembly (-270) as follows:
  - (a) Remove the cover (285).
  - (b) Remove the screws (290A).
  - (c) Remove the housing assembly (295).
  - (d) Remove the hook (300).
  - (e) Remove the pin (305).
  - (f) Remove the rod (310).
  - (g) Remove the spring pin (315).
  - (h) Remove the bushing (320).
  - (i) Remove the spring (325).
  - (j) Remove the washer (330).
  - (k) Remove the pin (335).
  - (l) Remove the cotter pin (340).
  - (m) Refer to REPAIR section to replace the bonded cap (345).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (n) Remove the tube (350).
- (7) Remove the spacer (355).
- (8) Refer to REPAIR section to replace the bonded guide (360).
- (9) Refer to REPAIR section to replace the bonded guide (365).
- (10) Remove the screws (375) and washers (380) to release the closeout panel assembly (-370).  
Disassemble the closeout panel assembly (-370) as follows:
  - (a) Remove the screws (390) and washers (395) to release the angle bracket (385).
  - (b) Remove the screws (405) to release the retainer (400).
  - (c) Remove the panel assembly (410).
- (11) Remove the screws (425) and washers (430) to release the retainer assembly (420).  
Disassemble the retainer assembly (420) as follows:
  - (a) Remove the nut (440), washer (445), and screw (450) to release the bracket (435).
- (12) Remove the screw (460) to release the eccentric stop (455).

SUBTASK 25-40-53-040-010-A01

K. Service Door Installation (IPL Figure 7)

- (1) Remove the screws (10) and washers (15) to release the service door assembly (5).  
Disassemble the service door assembly (5) as follows:
  - (a) Remove the screws (25) and washers (30) to release the hinge assemblies (-20).  
Disassemble the hinge assemblies (-20) as follows:
    - 1 Remove the hinge pin (35A).
    - 2 Remove the drive screws (40).
    - 3 Remove the half-hinge (50).
    - 4 Remove the rivets (-61) to release the half-hinge (55) and hinge (60).
  - (b) Refer to REPAIR section to replace the bonded backplates (65).
  - (c) Refer to REPAIR section to replace the bonded toilet paper holder assembly (70). Remove and disassemble the toilet paper holder assembly (70) as follows:
    - 1 Remove the housing (-71).
    - 2 Refer to REPAIR section to replace the bonded plates (-72).
  - (d) Remove the paper roll shafts (75A).
  - (e) Remove the screws (85) to release the plates (80).
  - (f) Remove the magnetic catches (90).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(g) Remove and disassemble the door panel assembly (100) as follows:

- 1 Remove the panel (-103).
- (2) Refer to REPAIR section to replace the bonded backplates (105).
- (3) Remove the screws (115) and washers (120) to release the stoppers (110).
- (4) Remove the strikers (125).
- (5) Remove the screws (135) and washers (140) to release the closeout plate (130).
- (6) Remove the screws (150) to release the access plate (145).

SUBTASK 25-40-53-040-011-A01

L. Waste Compartment Installation (IPL Figure 8)

- (1) Remove the screws (10) and washers (15) to release the door assembly (5). Disassemble the door assembly (5) as follows:
  - (a) Remove the rubstrip assembly (20).
  - (b) Remove the screws (25).
  - (c) Remove the latch cover (30).
  - (d) Refer to REPAIR section to replace the bonded latch cover (-31).
  - (e) Remove the latch assembly (35).
  - (f) Remove the screws (45) and washers (50) to release the hinge assemblies (-40). Disassemble the hinge assemblies (-40) as follows:
    - 1 Remove the pin (55).
    - 2 Remove the half-hinge (60).
    - 3 Remove the half-hinge (65).
- (g) Remove the temperature indicating (66A).
- (h) Remove and disassemble the panel assembly (68) as follows:
  - 1 Remove the panel (-70).
- (2) Remove the rubstrips (71).
- (3) Remove the screws (75) to release the striker (73).
- (4) Remove the screws (85) to release the rubstrip (80).
- (5) Remove the screws (95) to release the rubstrip (90).
- (6) Refer to REPAIR section to replace the bonded P-seals (-100A or 100C).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (7) Remove the screws (115) and washers (120) to release the waste flap assembly (110).  
Disassemble the waste flap assembly (110) as follows:
  - (a) Remove the drive screws (125).
  - (b) Remove the hinge pin (130).
  - (c) Remove the spring (135).
  - (d) Remove the half-hinge (145).
  - (e) Remove the waste welded flap assembly (-147).
- (8) Remove the screws (160), washers (165), and nuts (170) to release the fire extinguisher (155A or -155C).
- (9) Remove the screws (180) and washers (185) to release the waste chute assembly (175).
- (10) Remove the screws (195) and washers (200) to release the top closeout plate (190).
- (11) Remove the screws (210) and washers (215) to release the closeout bracket assembly (205).
- (12) Remove the screws (225) and washers (230) to release the closeout bracket assembly (220).
- (13) Remove the screws (240) and washers (245) to release the closeout bracket assembly (235).
- (14) Remove the rubstrip assembly (250).
- (15) Remove the rubstrip assemblies (255).
- (16) Remove the screws (265) to release the rubstrip (260).
- (17) Remove the screws (275) to release the rubstrip (270).
- (18) Remove the screws (285) to release the bottom closeout plate (280).
- (19) Remove the screws (295) to release the angle closeout bracket (290).
- (20) Remove the screws (305) to release the angle closeout bracket (300).
- (21) Refer to REPAIR section to replace the bonded seal (-310A or 310C).
- (22) Refer to REPAIR section to replace the bonded seal (315).
- (23) Refer to REPAIR section to replace the bonded P-seal (-320A or 320C).
- (24) Refer to REPAIR section to replace the bonded SB incorporation placards (-340 and -345).

SUBTASK 25-40-53-040-012-A01

M. Drop Ceiling Installation (IPL Figure 9)

- (1) Remove the screw (10) and washer (15) to release the quick-release pin (5A).
- (2) Remove the lanyard (20A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (3) Remove the screws (30) and washers (35) to release the retainer assemblies (25A). Refer to REPAIR section to replace the bonded retainer assemblies (25A).
- (4) Remove the screws (40).
- (5) Remove and disassemble the drop ceiling assembly (-50) as follows:
  - (a) Remove the screws (66) to release the hinge assemblies (-65). Disassemble the hinge assemblies (-65) as follows:
    - 1 Remove the drive screws (70).
    - 2 Remove the pin (75).
    - 3 Remove the rivets (-80).
    - 4 Remove the bracket (90).
    - 5 Remove the half-hinge (95).
    - 6 Remove the half-hinge (100).
  - (b) Refer to REPAIR section to replace the bonded backplates (101).
  - (c) Remove the screws (110) and washers (115) to release the spring latch assemblies (-105). Disassemble the spring latch assemblies (-105) as follows:
    - 1 Remove the pin (120).
    - 2 Remove the spring latch (125).
    - 3 Remove the spring (130).
    - 4 Remove and disassemble the spring latch assembly (-135) as follows:
      - a Remove the latch (-137).
  - (d) Remove the screws (145) and washers (150) to release the latch holders (140).
  - (e) Remove the screws (160) to release the bracket (155).
  - (f) Remove the screws (170) and washers (175) to release the BFE speaker (165A).
  - (g) Refer to REPAIR section to replace the bonded speaker grill (180).
  - (h) Remove the smoke detector (185A).
  - (i) Remove the spacers (-188).
  - (j) Remove and disassemble the drop ceiling panel assembly (195) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

1 Remove the panel (-215).

SUBTASK 25-40-53-040-013-A01

N. Air Duct Installation (IPL Figure 10)

- (1) Remove the screws (21) and washers (22) to release the loop clamps (20A).
- (2) Remove the spacers (23).
- (3) Remove the hose clamps (25).
- (4) Remove the disconnect (30).
- (5) Remove the flexible hose (35).
- (6) Remove the screws (40), screws (45), screw (50), and washers (55) to release the loop clamps (39).
- (7) Remove the spacers (60).
- (8) Remove the spacer (65A).
- (9) Remove the hose clamp (75A).
- (10) Remove the flexible hose (80).
- (11) Remove the screws (90) and washers (95) to release the air grill assembly (85).

SUBTASK 25-40-53-040-014-A01

O. Air Duct Installation (IPL Figure 10A)

- (1) Remove the screws (10) and washers (15) to release the air grill assembly (5).
- (2) Remove the screw (25A) and washer (30) to release the loop clamp (20).
- (3) Remove the spacer (35).
- (4) Remove the screws (45A) and washers (50) to release the loop clamps (40).
- (5) Remove the screw (60A) and washer (65) to release the loop clamp (55).
- (6) Remove the spacer (70).
- (7) Remove the screw (80A) and washer (85) to release the loop clamp (75).
- (8) Remove the spacer (90).
- (9) Remove the hose clamp (95).
- (10) Remove the flexible hose (100).
- (11) Remove the screws (110) and washers (115) to release the loop clamps (105).
- (12) Remove the spacers (120).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (13) Remove the hose clamps (125).
- (14) Remove the disconnect (130).
- (15) Remove the flexible hose (135).

SUBTASK 25-40-53-040-015-A01

P. Air Duct Installation (IPL Figure 10B)

- (1) Remove the screws (10) and washers (15) to release the air grill assembly (5).
- (2) Remove the screw (25A) and washer (30) to release the loop clamp (20).
- (3) Remove the spacer (35).
- (4) Remove the screws (45A) and washers (50) to release the loop clamps (40).
- (5) Remove the screw (60A) and washer (65) to release the loop clamp (55).
- (6) Remove the spacer (70).
- (7) Remove the screw (80A) and washer (85) to release the loop clamp (75).
- (8) Remove the spacer (90).
- (9) Remove the hose clamp (95).
- (10) Remove the flexible hose (100).

SUBTASK 25-40-53-040-016-A01

Q. Air Duct Installation (IPL Figure 10C)

- (1) Remove the screws (10) and washers (15) to release the air grill assembly (5).
- (2) Remove the screw (25) and washer (30) to release the loop clamp (20).
- (3) Remove the spacer (35).
- (4) Remove the screw (45) and washer (50) to release the loop clamps (40).
- (5) Remove the screw (60) and washer (65) to release the loop clamp (55).
- (6) Remove the screw (75) and washer (80) to release the loop clamp (70).
- (7) Remove the spacer (85).
- (8) Remove the hose clamps (90).
- (9) Remove the flexible hose (95).
- (10) Remove the hose (96).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (11) Remove the tube (100).

SUBTASK 25-40-53-040-017-A01

R. Entry Door Installation (IPL Figure 11)

- (1) Remove the screws (10) to release the door way trim (5).
- (2) Remove the screws (20) to release the door way trim (15).
- (3) Remove the screws (30) to release the door way trim assembly (25 or -25A).
- (4) Remove the screws (40) to release the door way trim assembly (35).
- (5) Remove and disassemble the bi-fold door assembly (-45 or -45A) as follows:
  - (a) Remove the joint center trim (50).
  - (b) Remove the screws (60) to release the hinge assemblies (-55). Disassemble the hinge assemblies (-55) as follows:
    - 1 Remove the drive screws (65).
    - 2 Remove the pins (70).
    - 3 Remove the linkages (75A).
    - 4 Remove the springs (80B).
    - 5 Remove the half-hinges (85).
  - (c) Remove and disassemble the latch side door assembly (-90 or -90A) as follows:
    - 1 Refer to REPAIR section to replace the bonded trim (95).
    - 2 Remove the screw (105) to release the trim (100). Refer to REPAIR section to replace the bonded trim (100).
    - 3 Remove the screws (115) to release the trim (110). Refer to REPAIR section to replace the bonded trim (110).
    - 4 Remove the screws (125) to release the trim (120).
    - 5 Refer to REPAIR section to replace the bonded trim (130).
    - 6 Refer to REPAIR section to replace the bonded joint trim (135).
    - 7 Remove the screw (145) to release the slider (140).
    - 8 Refer to REPAIR section to replace the bonded plate (150).
    - 9 Remove the screws (160) to release the ashtray (155).
    - 10 Remove the screws (170) to release the latch assembly (-165). Disassemble the latch assembly (-165) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- a Remove the lock pin (175).
  - b Remove the spring pin (180).
  - c Remove the latch (185).
- 11 Remove the screws (195) to release the vent louver assembly (-190 or -190A).  
Disassemble the vent louver assembly (-190 or -190A) as follows:
  - a Remove the ball plunger (200).
  - b Remove the outer frame assembly (205 or -205A).
  - c Remove the inner frame (210 or -210A).
  - d Refer to REPAIR section to replace the bonded outer louver (215 or -215A).
  - e Remove the inner louver (220 or -220A).
- 12 Remove the panel assembly (235 or -235A).
- (d) Remove the rivets (-238) to release the placard (237).
- (e) Remove and disassemble the pivot side door assembly (-240 or -240A) as follows:
  - 1 Refer to REPAIR section to replace the bonded trim (245).
  - 2 Refer to REPAIR section to replace the bonded joint trim (250).
  - 3 Refer to REPAIR section to replace the bonded trim (255).
  - 4 Refer to REPAIR section to replace the bonded trim (260).
  - 5 Remove the screws (270) to release the trim (265). Refer to REPAIR section to replace the bonded trim (265).
  - 6 Refer to REPAIR section to replace the bonded slide pins (275).
  - 7 Remove the hinge pins (280).
  - 8 Remove the compression springs (285).
  - 9 Remove the screws (295) to release the retainer (290).
  - 10 Remove the screws (305) to release the retainer (300).
  - 11 Remove the coat hook assembly (310).
  - 12 Remove the screw (320) to release the retainer (315). Refer to REPAIR section to replace the bonded retainer (315).
  - 13 Refer to REPAIR section to replace the bonded plate (325).
  - 14 Refer to REPAIR section to replace the bonded flush pull handle (330).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 15 Remove the screws (340) to release the vent louver assembly (-335 or -335A).  
Disassemble the vent louver assembly (-335 or -335A) as follows:
    - a Remove the ball plunger (345).
    - b Remove the outer frame assembly (350 or -350A).
    - c Remove the inner frame (355 or -355A).
    - d Refer to REPAIR section to replace the bonded outer louver (360 or -360A).
    - e Remove the inner louver (365 or -365A).
  - 16 Refer to REPAIR section to replace the bonded color bumpon (-376).
  - 17 Remove the panel assembly (380 or -380A).
- (6) Remove the screws (390) to release the rail assembly (-385). Disassemble the rail assembly (-385) as follows:
- (a) Remove the screws (400), washers (405), and nuts (410) to release the detented retainer assembly (395).
  - (b) Refer to REPAIR section to replace the bonded support pivot (415).
  - (c) Remove the rail (420).
- (7) Remove the screws (430) to release the threshold assembly (-425, -425A, or -425B). Disassemble the threshold assembly (-425, -425A, or -425B) as follows:
- (a) Remove the screws (440), washers (445), and nuts (450) to release the brackets (435 or -435).
  - (b) Refer to REPAIR section to replace the bonded screws (455A).
  - (c) Refer to REPAIR section to replace the bonded bushing (460).
  - (d) Refer to REPAIR section to replace the bonded spacer (465).
  - (e) Remove the bracket (470).
  - (f) Remove the bracket (-473).
  - (g) Remove the rivnuts (475).
  - (h) Remove the tube (480).
- (8) Remove the screws (490) to release the kick ramp assembly (485, -485B, or -485C).
- (9) Remove the screws (500) to release the door switch assembly (-495). Disassemble the door switch assembly (-495) as follows:
- (a) Remove the screws (515A).
  - (b) Remove the washers (520).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (c) Remove the nuts (525).
  - (d) Remove the switch (530).
  - (e) Remove the support (535).
  - (f) Remove the flexible tubing (-536).
  - (g) Remove the spring (540).
  - (h) Remove the plate (545).
  - (i) Remove the cable tie (-550).
  - (j) Remove the expandable sleeving (-555).
  - (k) Remove the wire (-560).
- (10) Remove the seal (-565).

SUBTASK 25-40-53-040-018-A01

S. Toilet Tank Installation (IPL Figure 12)

- (1) Remove the hold down rod assemblies (5).
- (2) Remove the hold down rod assemblies (10).
- (3) Remove the screws (20) to release the brackets (15).
- (4) Remove the toilet assembly (25).
- (5) Remove the screws (35) to release the fitting assemblies (30). Disassemble the fitting assemblies (30) as follows:
  - (a) Remove the bracket (-37).
- (6) Remove the screws (45) and washers (50) to release the fitting assemblies (40). Disassemble the fitting assemblies (40) as follows:
  - (a) Remove the bracket (-52).
- (7) Remove the screws (60) and washers (65) to release the deflector (55). Refer to REPAIR section to replace the bonded deflector (55).
- (8) Remove the seal (70).
- (9) Remove the seal (75).
- (10) Remove the drip pan (80).

SUBTASK 25-40-53-040-019-A01

T. Toilet Shroud Installation (IPL Figure 13)

- (1) Remove the washers (10) to release the seat assembly (5). Disassemble the seat assembly (5) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (a) Remove the nuts (15).
  - (b) Remove the washers (20).
  - (c) Remove the hinges (25).
  - (d) Remove the lid (30).
  - (e) Remove the seat (35).
  - (f) Remove the bumpers (40).
  - (g) Remove the lid bumpers (45).
  - (h) Remove the spring clips (-46).
- (2) Refer to REPAIR section to replace the bonded P-seal (-50).
  - (3) Refer to REPAIR section to replace the bonded hook velcro (-51).
  - (4) Refer to REPAIR section to replace the bonded hook velcro (-52).
  - (5) Remove the foam spacer (-53).
  - (6) Remove the toilet shroud (55).

SUBTASK 25-40-53-040-020-A01

U. Toilet Shroud Assembly (IPL Figure 13A)

- (1) Remove the washers (10A) to release the toilet seat assembly (5A).
- (2) Refer to REPAIR section to replace the bonded P-seal (-15).
- (3) Remove the shroud (25).
- (4) Refer to REPAIR section to replace the bonded hook velcro (30).
- (5) Refer to REPAIR section to replace the bonded hook velcro (35).

SUBTASK 25-40-53-040-021-A01

V. Oxygen Panel Installation (IPL Figure 14 - Deleted)

- (1) Deleted IPL.

SUBTASK 25-40-53-040-022-A01

W. Countertop Assembly (IPL Figure 15)

- (1) Remove the screw (10) and washer (15A) to release the soap base assembly (5). Disassemble the soap base assembly (5) as follows:
  - (a) Remove the holder (-20).
- (2) Refer to REPAIR section to replace the bonded over flow tube assembly (25). Remove and disassemble the over flow tube assembly (25) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (a) Remove the flange (30).
- (b) Remove the overflow drain tube (-35).
- (3) Remove and disassemble the top coat assembly (-40 or -40A) as follows:
  - (a) Remove and disassemble the bonded structure assembly (-45) as follows:
    - 1 Refer to REPAIR section to replace the bonded panel assembly (50). Remove and disassemble the panel assembly (50) as follows:
      - a Remove the panel (-55A).
    - 2 Refer to REPAIR section to replace the bonded panel assembly (60). Remove and disassemble the panel assembly (60) as follows:
      - a Remove the panel (-65A).
    - 3 Refer to REPAIR section to replace the bonded panel assembly (70). Remove and disassemble the panel assembly (70) as follows:
      - a Remove the panel (-72).
    - 4 Refer to REPAIR section to replace the bonded panel (80).
  - (b) Remove the sheet laminates (-85).
  - (c) Remove the top coat (-90 or -90A).
  - (d) Remove the top coat (-95).

SUBTASK 25-40-53-040-023-A01

X. Bulkhead Assembly (IPL Figure 16)

- (1) Remove the rivets (-10) to release the nameplate (-5). Refer to REPAIR section to replace the bonded nameplate (-5).
- (2) Remove the nuts (20), washers (25), and bolts (30) to release the drag link assemblies (15). Disassemble the drag link assemblies (15) as follows:
  - (a) Remove and disassemble the female clevis assembly (35) as follows:
    - 1 Remove the bushings (40).
    - 2 Remove the clevis (-45).
  - (b) Remove and disassemble the male clevis assembly (50) as follows:
    - 1 Remove the bushings (55).
    - 2 Remove the clevis (-60).
  - (c) Remove the jam nut (65).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (3) Remove the screws (75) and washers (80) to release the bulkhead angle assembly (70).  
Disassemble the bulkhead angle assembly (70) as follows:
  - (a) Remove the rivets (-90) to release the nutplates (-85).
  - (b) Remove the seal (-95).
  - (c) Remove the bulkhead angle (-100).
- (4) Remove the screws (110) and washers (115) to release the bulkhead angle assembly (105).  
Disassemble the bulkhead angle assembly (105) as follows:
  - (a) Remove the rivets (-125) to release the nutplates (-120).
  - (b) Refer to REPAIR section to replace the bonded foam (-130).
  - (c) Remove the angle (-135).
- (5) Remove the screws (145) and washers (150) to release the bulkhead angle assembly (140).  
Disassemble the bulkhead angle assembly (140) as follows:
  - (a) Remove the rivets (-160) to release the nutplates (-155).
  - (b) Refer to REPAIR section to replace the bonded (-165).
  - (c) Remove the angle (-170).
- (6) Remove the screws (180) to release the strikers (175).
- (7) Remove the screws (190) to release the access door pressure pads (185).
- (8) Refer to REPAIR section to replace the bonded foam seals (200).
- (9) Refer to REPAIR section to replace the bonded foam seals (205).
- (10) Remove the screws (215) and washers (220) to release the spring clips (210).
- (11) Remove the screws (230) and washers (235) to release the spring clip (225).
- (12) Refer to REPAIR section to replace the bonded smoke seals (-240).
- (13) Remove the screws (250) and washers (255) to release the protection liner (245).
- (14) Remove and disassemble the bonded right side structure assembly (260) as follows:
  - (a) Remove the screws (270) to release the stringer attach fitting assembly (265).  
Disassemble the stringer attach fitting assembly (265) as follows:
    - 1 Remove the bearing (271A).
    - 2 Remove the bearing (272).
  - (b) Remove the screws (280) to release the doublers (275). Refer to REPAIR section to replace the bonded doublers (275).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (c) Remove the rivets (-290) to release the doublers (285). Refer to REPAIR section to replace the bonded doublers (285).
- (d) Remove the screws (300) to release the doublers (295). Refer to REPAIR section to replace the bonded doublers (295).
- (e) Remove the screws (310) to release the doubler (305). Refer to REPAIR section to replace the bonded doubler (305).
- (f) Remove the screws (320) to release the doubler (315). Refer to REPAIR section to replace the bonded doubler (315).
- (g) Remove the rivets (-330) to release the doubler (325). Refer to REPAIR section to replace the bonded doubler (325).
- (h) Remove the screws (340), screws (345), screw (350), screws (355), washers (360), washers (365), flush nut (370), self-locking nuts (375), rivnuts (-380), and rivnuts (-385) to release the reinforce floor fitting (335). Refer to REPAIR section to replace the bonded reinforce floor fitting (335).
- (i) Remove the screws (395), screws (400), washers (405), and self-locking nuts (410) to release the self-locking nut (390).
- (j) Remove the rivets (-420) to release the floor fitting doubler (415). Refer to REPAIR section to replace the bonded floor fitting doubler (415).
- (k) Remove the rivets (-430) and rivets (-435) to release the floor fitting doubler (425). Refer to REPAIR section to replace the bonded floor fitting doubler (425).
- (l) Remove the rivets (-445) to release the access door trim channels (440). Refer to REPAIR section to replace the bonded access door trim channels (440).
- (m) Remove the rivets (-455) to release the access door trim channels (450). Refer to REPAIR section to replace the bonded access door trim channels (450).
- (n) Refer to REPAIR section to replace the bonded access door doubler (460).
- (o) Remove the rivets (-465).
- (p) Remove the screws (475A) to release the access door channels (470). Refer to REPAIR section to replace the bonded access door channels (470).
- (q) Refer to REPAIR section to replace the bonded fitting support channel assembly (480). Remove and disassemble the fitting support channel assembly (480) as follows:
  - 1 Remove the rivets (-482) to release the nutplates (-481).
  - 2 Remove the channel (-483).
- (r) Refer to REPAIR section to replace the bonded access door channel assemblies (485). Remove and disassemble the access door channel assemblies (485) as follows:
  - 1 Remove the rivets (-487) to release the angle assemblies (-486).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 2 Remove the channel (-488).
- (s) Refer to REPAIR section to replace the bonded splice assembly (490). Remove and disassemble the splice assembly (490) as follows:
  - 1 Remove the rivnuts (-491).
  - 2 Remove the splice extrusion (-492).
- (t) Remove the rivets (-495).
- (u) Remove the rivnuts (-500).
- (v) Remove the rivnuts (-505).
- (w) Refer to REPAIR section to replace the bonded right side panel assembly (510).

SUBTASK 25-40-53-040-024-A01

Y. Wall Mount Faucet and Drain Assembly (IPL Figure 17)

- (1) Remove the single temperature faucet (5).
- (2) Remove the screws (15) to release the adapter assembly with drain rod (10). Disassemble the adapter assembly with drain rod (10) as follows:
  - (a) Remove the cover (20).
  - (b) Remove the adapter (25).
  - (c) Remove and disassemble the drain rod assembly (30) as follows:
    - 1 Remove the drain knob and rod (35).
    - 2 Remove the middle rod (40).
    - 3 Remove the cotter pin (50) to release the drain rod (45).
- (3) Remove the inlet fitting (55).
- (4) Remove the plug blank fitting (60).
- (5) Remove the hose (65).
- (6) Remove the drain assembly (70).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CLEANING

TASK 25-40-53-100-001-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 25-40-53-940-002-A01

Nomenclature	Part or Specification Number	Source (CAGE)*
Apron	---	Commercially Available
Cotton Cloths (lint-free) (clean and dry)	---	Commercially Available
Protective eyewear or safety goggles	---	Commercially Available
Rubber Gloves or Latex	---	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 Company, Inc. (V94058)
* Refer to the IPL, paragraph 6, for the address.		

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Cleaning Tools and Materials  
Table 4001/TABLE 25-40-53-940-002-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>
Solvent, cleaning Adhesive removal	CALLA 301-A LEMON	Andpak-Ema, Inc. Calla Chemical (V68491)
General overall surface cleaning (including decor) (Mild Detergents)	Mild household detergent	Commercially Available
	BRULIN 815MX	Brulin Holding Company, Inc. (V94058)
	CALLA 301-A LEMON	Andpak-Ema, Inc. Calla Chemical (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 Company, Inc. (V94058)
	CALLA 301-A LEMON	Andpak-Ema, Inc. Calla Chemical (V68491)
	Sodium Bicarbonate NaHCO <sub>3</sub> 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	— — —	Commercially Available
Sponges (clean and dry)	Non-Scratch Scrub Sponge (Scotch-Brite)	3M Company (V04963)
Spray bottles	— — —	Commercially Available
Plastic Cleaner	Windex Plastic Cleaner with Polymethylsiloxane	Commercially Available
Solvents - outside surfaces	Isopropyl Alcohol CAS No. 67-63-0	Commercially Available
	Acetone CAS No. 67-64-1	Commercially Available
Vacuum	125 CFM (or equivalent)	Cleva North America (V70A87)
<b>* Refer to the IPL, paragraph 6, for the address.</b>		

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-100-002-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 25-40-53-100-003-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.**

**TO PREVENT CORROSION ON FLOOR FITTINGS COVERED WITH CARPET, USE BRULIN OR CALLA SOAP MATERIALS FOR CARPET CLEAN-UP AND REMOVE ANY WET OR SOAKED CARPETING IMMEDIATELY.**

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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) (32°C - 49°C). 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) (32°C - 49°C). 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).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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) (32°C - 49°C). 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 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 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 ABRASE 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

**CAUTION:** 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 301-A Lemon 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 VCI-416 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) (32°C - 49°C). 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).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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) (32°C - 49°C). 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) (32°C - 49°C). Solution must be 1 part of VCI-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 that the coating thickness of anodize to make sure its integrity. Restore protection per REPAIR section as needed.
- (b) Dry Bicarbonate used as a grit-blast media can also be used.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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 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 scraper 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) (32°C - 49°C). 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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) (32°C - 49°C). 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).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-100-803-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
INSPECTION/CHECK

TASK 25-40-53-99F-008-A01

1. General

- A. Refer to paragraph 2 to do a general visual inspection of the Aft Lavatory Assembly components 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 25-40-53-210-001-A01

2. Component Inspection/Checks

- A. Component checks of the Aft Lavatory Assembly are given in Table 5001.

Inspection/Check Procedures  
Table 5001/TABLE 25-40-53-210-001-A01

Component	Check For	Corrective Action
Aft Lavatory Assembly (IPL Figure 1 and 1A)	<p>Bent or damaged tie-rod assembly.</p> <p>Damaged 9G bulkhead assembly.</p> <p>Broken assist handle.</p>	<p>Replace the tie-rod assembly.</p> <p>Refer to vendor CMM 25-52-16 (V56135) to replace or repair the 9G bulkhead assembly.</p> <p>Replace the assist handle.</p>
Bonded Structure Assembly (IPL Figure 2)	<p>Punctures, scratches, or gouges in the panel; separation between the bonded panels or bonded panel assemblies.</p> <p>Bent, cracked or damaged fitting.</p> <p>Loose, bent, cracked, or damaged bracket.</p>	<p>Repair the damage to the panels; the individual panels cannot be replaced.</p> <p>Replace the fitting.</p> <p>If loose, tighten with attaching hardware. If damaged, replace the bracket.</p>
Electrical Installations (IPL Figures 3 and 3A)	<p>Cut or cracked insulation on the electrical wiring; burns or other electrical damage; corroded or damaged harness assembly, contacts or connections.</p> <p>Damaged electrical component; refer to TESTING AND FAULT ISOLATION to check the component function.</p>	<p>Repair the electrical wiring per REPAIR section.</p> <p>Replace damaged parts.</p>

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Inspection/Check Procedures  
Table 5001/TABLE 25-40-53-210-001-A01 (continued)

Component	Check For	Corrective Action
Electrical Installations (IPL Figures 3 and 3A)	<p>Bent or damaged sockets or contacts in the connectors and receptacles; crossed or stripped threads on the connector shell.</p> <p>Deformed or damaged clamp.</p> <p>Corroded or damaged wire connections.</p> <p>Deteriorated or damaged grommet.</p>	<p>Replace damaged parts.</p> <p>Replace the clamp.</p> <p>Replace the wire connections.</p> <p>Replace the grommet.</p>
Plumbing Installations (IPL Figures 4 and 4A)	<p>Cut or cracked tubes, hoses or adaptors; stripped clamps.</p> <p>Damaged water faucet assembly.</p> <p>Damaged plumbing component; refer to TESTING AND FAULT ISOLATION to check the function of the plumbing component.</p>	<p>Replace the hoses or adaptors and clamps.</p> <p>Refer to vendor CMM 38-20-05 (V80477) to replace or repair the water faucet assembly.</p> <p>Replace the plumbing component.</p>
Amenity Box Installation (IPL Figure 5)	<p>Loose or damaged paper towel brackets.</p> <p>Cracked, scratched, or damaged lens assembly.</p>	<p>Replace the paper towel brackets.</p> <p>Replace the lens assembly.</p>
Door Mirror Installation (IPL Figures 6 and 6A)	<p>Scratched or damaged lens assembly.</p> <p>Damaged door mirror assembly.</p> <p>Cracked or scratched mirror.</p> <p>Damaged latch assembly.</p>	<p>Replace the lens assembly.</p> <p>Replace/Repair the door mirror assembly.</p> <p>Replace the mirror.</p> <p>Replace the latch assembly.</p>
Service Door Installation (IPL Figure 7)	<p>Damaged hinge assembly. Hinge must move freely and not bind.</p> <p>Worn or deformed striker.</p>	<p>Adjust attaching hardware or replace the hinge assembly.</p> <p>Replace the striker.</p>
Waste Compartment Installation (IPL Figure 8)	<p>Worn or damaged latch assembly; deformed or permanently set bolt spring.</p> <p>Bent or worn hinge assembly.</p>	<p>Replace the latch assembly.</p> <p>Replace the hinge assembly.</p>

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Inspection/Check Procedures  
Table 5001/TABLE 25-40-53-210-001-A01 (continued)

<b>Component</b>	<b>Check For</b>	<b>Corrective Action</b>
Waste Compartment Installation (IPL Figure 8)	Waste flap assembly must close and seal compartment.	Adjust or replace the waste flap assembly.
	Worn or deformed striker.	Replace the striker.
Drop Ceiling Installation (IPL Figure 9)	Bent or damaged quick release pin.	Replace the quick release pin.
	Damaged lanyard.	Replace the lanyard.
	Bent or worn hinge assembly.	Replace the hinge assembly.
	Damaged PSU clip latch.	Replace the clip latch.
Air Duct Installations (IPL Figures 10, 10A, 10B, and 10C)	Bent or damaged pin holder.	Replace the pin holder.
	Broken air grill assembly.	Replace the air grill assembly.
	Damaged or loose clamp.	Replace the clamp or if loose, tighten attaching hardware.
Lavatory Entry Door Installation (IPL Figure 11)	Cracked or broken flexible hoses.	Replace the flexible hoses.
	Damaged latch assembly. The latch must slide smoothly without binding.	Replace the latch assembly.
	Bent or corroded door vent louvers assemblies.	Replace the louvers assemblies.
Toilet Tank Installation (IPL Figure 12)	Cracked or scratched mirror.	Replace the mirror.
	Bent or corroded hold down rod assembly.	Replace the rod assembly.
	Damaged toilet tank assembly.	Refer to vendor CMM 38-35-04 (V29780) to replace or repair the water faucet assembly.
	Corroded or damaged fitting assembly.	Replace the fitting assembly.
	Damaged seals.	Replace the seals.
Toilet Shroud Assembly/ Installation (IPL Figures 13 and 13A)	Corroded drip pan.	Replace the drip pan.
	Damaged toilet seat assembly.	Replace toilet seat assembly.
	Gouged or damaged toilet shroud assembly.	Replace the shroud assembly.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Inspection/Check Procedures  
Table 5001/TABLE 25-40-53-210-001-A01 (continued)

Component	Check For	Corrective Action
Countertop Assembly (IPL Figure 15)	Damaged or loose coat.  Damaged panel.	Replace the coat or if loose, tighten attaching hardware.  Replace the panel. Refer to REPAIR section.
Bulkhead Assembly (IPL Figure 16)	Unreadable or missing nameplate.  Damaged or loose angle.  Damaged spring.  Loose or damaged doubler.	Refer to REPAIR section to replace the bonded nameplate.  Replace the angle or if loose, tighten attaching hardware.  Replace the spring.  Repair/replace the doubler per REPAIR section.
Wall Mount Faucet and Drain Assembly (IPL Figure 17)	Bent or damaged covers.  Cracked, damaged or punctured hose.  Bent, cracked, or damaged fitting.  Damaged pin.	Replace the covers.  Replace the hose.  Replace the fitting.  Replace the pin.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
REPAIR

TASK 25-40-53-99F-001-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	Repair of Kydex Thermoplastic

**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 Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01

Nomenclature	Part or Specification Number	Source (CAGE)*
Miscellaneous Tools: Guide Tool	SLT 600G**	Shur-Lok Company (V97393)

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Repair Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
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	125 CFM (or equivalent)	Cleva North America (V70A87)
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)
Cloth, Milled Glass Fibers	MIL-C-9084, Hammer Milled 0.03125 in (0.0793 cm) length or less	Commercially Available
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
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
Adhesives:  Decor Bonding adhesive	Scotch-Weld™ #30 (Formerly Fast-Bond™ #30)	3M Company (V04963)

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Repair Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Decor Bonding adhesive	Scotch-Weld™ #30 NF (Formerly Fast-Bond™ #30-NF)	3M Company (V04963)
Edge Wrap	Aerobond 1801 Aquabind	Aerocell Corp. (V1SX35) Alternative Materials Tech Inc. (Akzo Nobel Coatings) (V0ZXD0)
Sealant/Adhesive (stainless steel)	DEVCON Aluminum Filled Epoxy Per MMM-A-132 Type I or equivalent  (Loctite) HYSOL EA 9394 NA Adhesive or equivalent	ITW Polymers Adhesives NA (V0RZG3)  Henkel Corp. (V1N6B3)
Adhesives	Epibond 1210-A (Resin) 9615-B (Hardener) Epibond 1559-1 A/B Epocast 1618 D/B Epocast 1628 A/B  L-301-A/B  Versilok 506 Accelerator #4  Scotch-Weld™ #5 (Formerly Scotch-Grip #5)  DP420 DP190 EC-3524	Huntsman Advanced Materials GmbH (V1532N)      Cytec Industries Inc. (Solvay Group) (V0V7G8)  Lord Corporation Chemical Products DIV (V30676)  3M Company (V04963)  3M Company (V04963)
Fill and Fair Compounds, Polyester Based	Akemi #7 Standard Filler  Akemi #4 Faster Version  Micro-Ultra Filler #15-3  Fire Retardant Reducer #15-3	AXSON North America, Inc. (Sika Advanced Resins) (V3VPY6)  AXSON North America, Inc. (Sika Advanced Resins) (V3VPY6)  Adtech Plastic Systems Corp., Inc. (V09AU0)  Adtech Plastic Systems Corp., Inc. (V09AU0)
Fill and Fair Compounds, Epoxy Based	Araldite 252, 2-part Paste Adhesive Filler  DP110	Huntsman Advanced Materials GmbH (V1532N)  3M Company (V04963)
Edge Fill	L-306	Cytec Industries Inc. (Solvay Group) (V0V7G8)

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Repair Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>
Edge Fill	Magnolia Plastics 128-135 A/B	Magnolia Advanced Materials Inc. (V22121)
Potting Compound	L-318 Kit Form  Epibond 1559-1 A/B Epibond 420 or Redux 420 Epocast 1618 D/B Epocast 89670-A/B 1631-A/B 1632-A/B  Magnobond 92-1 A/B  DP420 Polystrate #14270 - 5 min epoxy  EY-3009 A/B or EY-3010 A/B 7160 A/B 7176  Aerobond 1507-A/B or 1508-A/B Aerofill 1504-A/B  DAPCO 3040-A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)  Huntsman Advanced Materials GmbH (V1532N)  Magnolia Advanced Materials Inc. (V22121)  3M Company (V04963)  ITW Polymers Adhesives NA (V0RZG3)  H.B. Fuller North America (V26348)  Aerocell Corp. (V1SX35)  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)  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)
Laminating Resin Epoxy	Epon 828 Resin Epikure 3223 DETA Catalyst	Resolution Performance Products LLC (Hexion, Inc.) (V3FBZ6)
Laminating Resin Epoxy	Epocast 50A1 (100 Parts by weight)	Huntsman Advanced Materials GmbH (V1532N)

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Repair Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>
	9816 Catalyst (15 Parts by weight) or 946 Catalyst (15 Parts by weight)  Hysol ® EA 956 A/B	Huntsman Advanced Materials GmbH (V1532N)  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  P/S 890 Class A or B	Courtaulds Aerospace (PPG Aerospace) (V05027)  Sealants and Coatings Technologies, Inc. (V45DF3)
Metal Surface Protection: Metal Preservation, Corrosion Inhibitors/Cleaners	VCI-416 Cleaner Corrosion Inhibitor  Corwipe 300	Cortec Corp. (V44695)  Cortec Corp. (V44695)
Organic Coating for Aluminum Surfaces	VCI-386 Top Coat 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)
Organic Epoxy Mastic Coating - Top Coat	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
Fluid Resistant Primers:	KOROPON 515-700 PAINT 910-704 CATALYST  463-12-8 PAINT CA-116 CATALYST	Courtaulds Aerospace (PPG Aerospace) (V05027)  Dexter Corporation Polymer System (V1JB33)
Fluid Resistant Primers:	10-P4-7 PAINT EC-131 CATALYST	Courtaulds Aerospace (PPG Aerospace) (V05027)

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Repair Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>
	515X391 PAINT 910c780 CATALYST 010x326 THINNER  MIL-P-23377 primer Ty II CIC MIL-T-81772B REDUCER (Green Primer)  MIL-P-23377 primer Ty II CIC MIL-T-81772B REDUCER (Yellow Primer)	Courtaulds Aerospace (PPG Aerospace) (V05027)  C&C Ventures LLC (Randolph Products Company) (V77672)  C&C Ventures LLC (Randolph Products Company) (V77672)
Top Coats:	#442-3 (GLOSS COLOR) #X-304 CATALYST  #453-3 (FLAT COLOR) #CA-118 CATALYST  #980- (GLOSS COLOR) #982- (SEMI-GLOSS)  Sher Will Enamel F63 or H99 V66V29 catalyst. R7KB29 or R7K84 or R99KY29 (REDUCER)  (03Y091) Top Coat (03Y091) Catalyst MIL-T-81772 Type I Reducer  MIL-PRF-85285C, Type I Polyurethane  #343-55 (Filler) #345-15 (Hardener) #346-65 (Top Coat) #345-65 (Hardener)	Bostik Inc. (Arkema) (V5W425)  Bostik Inc. (Arkema) (V5W425)  WLS Coatings, Inc. (V0YY71)  Sherwin-Williams Company (V1JRP1)  Deft, Inc. (PPG Aerospace) (V33461)  Deft, Inc. (PPG Aerospace) (V33461)  Mankiewicz GEBR. & Co. (VD2603)
Acceptable CIC Materials:	NYCOTE 7-11  DINITROL / ARDROX AV Series Compounds DINITROL AV 8 DINITROL AV 15 DINITROL AV 25 DINITROL AV 30  SOCOPAC 65H	Nycote Laboratories Corp. (V05803) or Chemetall Chemical Products, Inc. (V02CA7)  Chemetall Oakite, Inc. (V0L040)      Socomore (VF6892)
Solvents:	Isopropyl Alcohol CAS No. 67-63-0	Commercially Available

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Repair Tools and Materials  
Table 6001/TABLE 25-40-53-940-004-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*
Solvents:	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:	N/A or in accordance with the OEM requirements	Commercially Available
Plug, Sealing		
Splice, Wire		
Wire, Electrical (match color)		
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)
<p>* Refer to the IPL, paragraph 6, for the address.</p> <p>** 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.</p>		

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-001-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 that the 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 that the 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 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 25-40-53-300-002-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 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. 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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  $\frac{1}{4}$  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 10 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 3.B.; 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  $\frac{1}{4}$  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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 25-40-53-300-001-A01

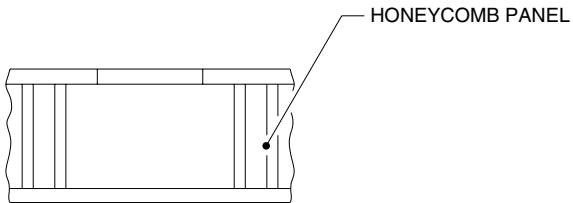
Manufacturer	Material Description	WorkLife / Cure Time (Green strength)
Aerocell Corporation	Aerobond 1507N A/B	30 minutes at 70°F+ (21°C+) 8 hours at 70°F+ (21°C+)
ITW Polymers Adhesives NA	#14270 Polystyrate	4-5 minutes at 70°F+ (21°C+) 1.5 hours at 30°F+ (-1°C+)
	Plastic Welder II	20 minutes at 70°F+ (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)

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

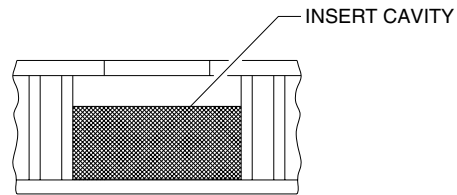
Adhesive Cure Time  
Table 6002/TABLE 25-40-53-300-001-A01 (continued)

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)

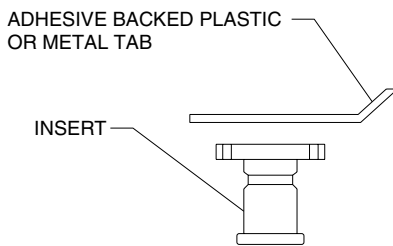
# COMPONENT MAINTENANCE MANUAL A412001/K042702



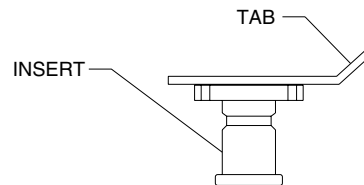
1. PREPARE THE HOLE FOR THE INSERT.  
INITIAL CAVITY IS SHOWN NET SIZE.  
IS NECESSARY TO REMOVE ONE CELL WIDTH CORE.



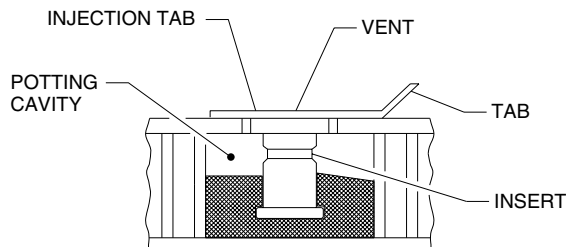
2. INCREASE THE HOLE BENEATH SKIN.  
REMOVE 1 CELL WIDTH (MIN).  
ADD POTTING COMPOUND (RECOMMENDED  
ON PANELS WITH 2-PLY OR MORE SKINS).  
TO CAVITY (~½ FULL) TO HELP SEAT INSERT.



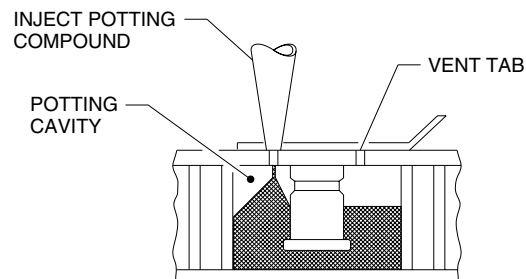
3. ALIGN THE ADHESIVE TAB TO FILL/VENT  
HOLES ON THE INSERT.



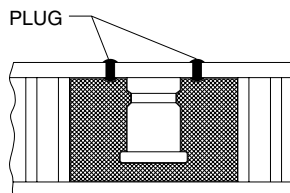
4. A PIN, PAPER CLIP, OR VENDOR  
(V97393) SUPPLIED GUIDE  
TOOL CAN BE USED TO AID ALIGNMENT.  
(REFER TO TABLE 6001)



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 25-40-53-300-001-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-003-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 (0.005 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 (0.005 cm) maximum above the skin surface.

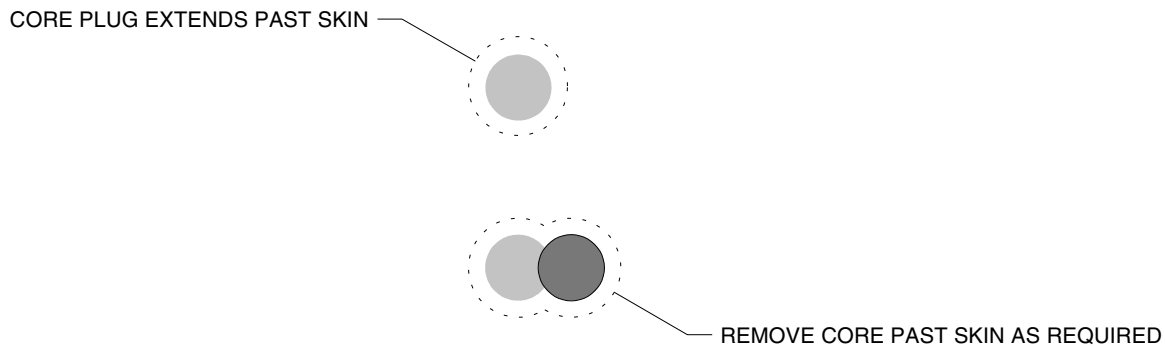
CAUTION: BE CAREFUL WHEN YOU REMOVE THE MASKING TAPE TO PREVENT DAMAGE, SCRATCH, OR CUT TO THE PANEL SURFACE.

E. Remove the masking tape. Apply the edge tool along the skin surface. Let the compound cure for a sufficient time.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 11.
- 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 25-40-53-300-002-A01

TASK 25-40-53-300-004-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-005-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 thru 2003. 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 nonconductive 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-006-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 Top Coat 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.

**NOTE:** Safran Cabin Inc. Structural Engineering must be examine the damages case by case and determine if damaged fitting is structurally critical or not. Critical fittings require further analysis per paragraph 7.A.(3) and non-critical fittings can be determined per paragraph 7.A.(2).

**WARNING:** DO NOT TOUCH THE CLEANED SURFACES. BE SURE TO WEAR GLOVES AND AVOID VAPOR DURING CLEANING AND REPAIR.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

A. Size Limits for Repairs

(1) On the solid aluminum floor-plate

**NOTE:** If corrosion and pitting are much greater, first examine the damage. The restoration is possible if pitting and depth are less than 0.1 in (0.254 cm). Some pitting greater than 0.1 in (0.254 cm) in depth are permitted when they cover less than 5% of the panel area. These pits must be less than 0.5 in (1.27 cm) in diameter and less than 0.5 in (1.27 cm) the thickness of the plate in depth. If the solid aluminum (0.375 in (0.952 cm) thick floor-plates) agree with these conditions, repair it.

- (a) Examine if the corrosion was found and small in area. If corrosion goes through the solid aluminum surface, and is deeper or irregular, removal and restoration are necessary. If not, continue the steps below.
- (b) Remove all paint or other barrier materials with the aid of a plastic or glass drop blasting. Use a neutral stripping agent for painted surfaces. These resources must not cause damage to the layer thickness.

**NOTE:** With a layer thickness gauge you can find if the anodize coat is in the tolerance. If the anodize agrees with the minimum conditions, no more work is necessary.

- (c) If integrated corrosion occurs, it is possibly more economical to use a Surfacing Plane to machine the plate. To repair the surface, you can bond a sheet of 2024-T-3 Aluminum (0.02 - 0.1 in (0.051 - 0.254 cm) thick as necessary to make a full thickness) to the top surface of the plate. To bond the sheet to the panel, use the Courtaulds Sealant adhesive. This step repairs the surface and stops the corrosion without too much work. You can also use the Epoxy alternatives. You can clean and fill the small pits at the same time, if the bonding surface is level and straight.

(2) 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.

(3) Aluminum Fittings (Critical) (See Figure 6003)

- (a) You can repair damage from 5% to 10% on upper floor fitting installation holes (See Figure 6003).
- (b) Do not repair damage on lower floor fitting installation holes because these positions carry most of the load (See Figure 6003).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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.

(4) 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  $\frac{1}{2}$  the thickness of the original part. The mechanics must examine the extrusion carefully to make sure that the extrusion is chemically protected/repared to prevent more corrosion.

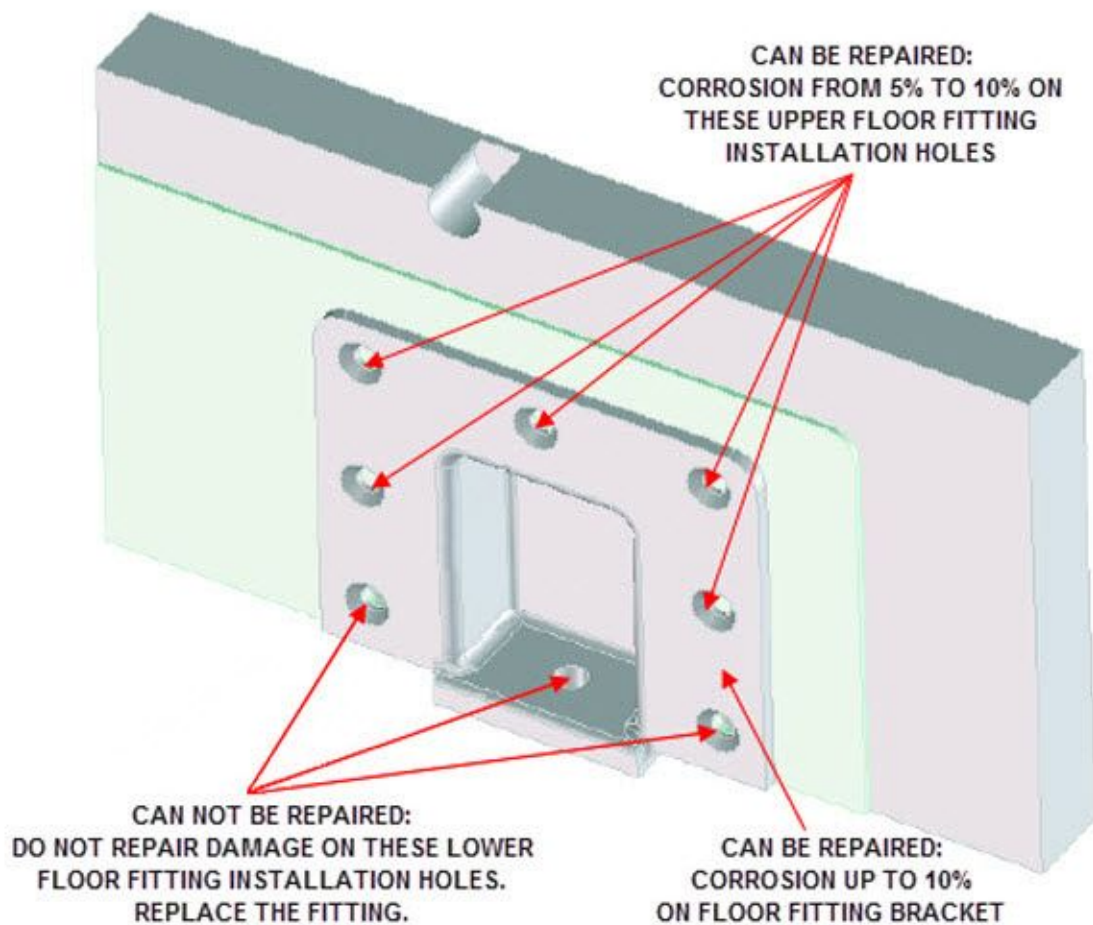
(5) Stab-in Extrusions (Critical)

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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Example of Critical Damage on Aluminum Fitting  
Figure 6003/GRAPHIC 25-40-53-300-003-A01

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 Hysol EA 9394.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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 top coat 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

2 FR Top Coat

**NOTE:** The optimum thickness for FR Top Coat dry-film is between 0.0012 - 0.0017 in (0.00305 - 0.004318 cm).

(b) Coating Appearance

- 1 When a primer and top coat 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 ) 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 top coat.

**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

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

	Dry Time
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 top coat it.	1 hour minimum to 3 hours maximum (see Note).
Make the primer cure faster to permit you to top coat 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 top coat 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) Top Coat:

- 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 top coat 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 25-40-53-300-002-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	0.030 in (0.0762 cm) (nominal)	3	60-90
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	~0.020 in (0.0508 cm) 0.040 in (0.102 cm) - wet	~1	< 60
COR-BAN 33	CIC, Soft, self healing, water displacing, medium term.	Tacky Moderate	~0.020 in (0.0508 cm) 0.040 in (0.102 cm) - wet	~1	< 60
COR-BAN 35	CIC, Tack-free, water displacing, long term.	Dry Layer	~0.020 in (0.0508 cm) 0.040 in (0.102 cm) - wet	< 1	< 60

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Properties of Corrosion-Inhibition Compound (CIC) Materials  
Table 6003/TABLE 25-40-53-300-002-A01 (continued)

Material	Material Type	Design Type	Dry Layer Thickness	Handling Time (Hrs)	Assembly Time (Min)
COR-BAN D-5023NS	CIC, Tack-free, water displacing, short term.	Dry Layer	~0.010 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	~0.030 in (0.0762 cm) 0.076 in (0.193 cm) - wet	< 12	> 60

TASK 25-40-53-300-007-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 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-008-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.**

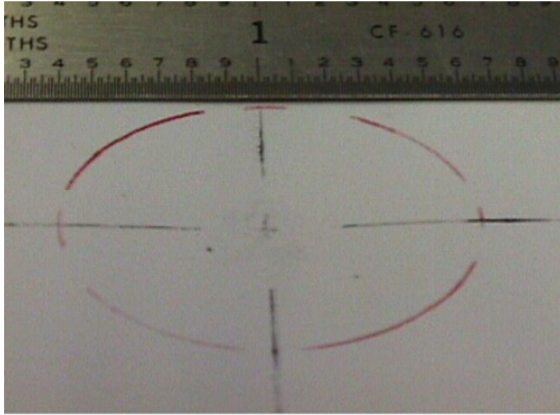
**FILLER COMPOUNDS ARE POISONOUS AND FLAMMABLE. WEAR PROTECTIVE APPAREL TO PREVENT EYES AND SKIN CONTACT. DO NOT BREATHE THE FUMES. KEEP THESE PRODUCTS AWAY FROM HEAT AND OPEN FLAME. USE THEM IN AN AREA WITH GOOD AIRFLOW. DO NOT TAKE INTERNALLY. FLUSH THE CONTAMINATION FROM YOUR EYES WITH WATER.**

## A. Classifications of Damage on Honeycomb Panels:

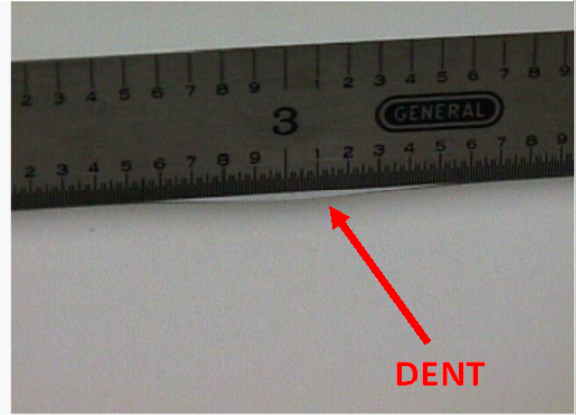
**NOTE:** If you would like assistance you can contact Safran Cabin Inc. to make sure which class is applicable to the Safran Cabin Inc. unit.

- (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 11.B and see photos Class 1-1 and Class 1-2 in Figure 6004.
- (2) Class 2: Small Punctures or Glass Fracture. Puncture in one side of the glass facing. Refer to paragraph 11.C and see photos Class 2-1 and Class 2-2 in Figure 6004.
- (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<sup>2</sup> (103.2256 cm<sup>2</sup>). Refer to paragraph 11.D.
- (4) Class 4: Extensive Damage, greater than 16 in<sup>2</sup> (103.2256 cm<sup>2</sup>). The replacement of the panel section or parts is necessary. DO NOT REPAIR THIS KIND OF DAMAGE.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



**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 6004/GRAPHIC 25-40-53-300-004-A01

**25-40-53**

Page 6031  
Feb 07/23



**CLASS 2-2**

Damage in Honeycomb Panels  
(Sheet 2 of 2)  
Figure 6004/GRAPHIC 25-40-53-300-004-A01

**25-40-53**

Page 6032  
Feb 07/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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<sup>2</sup> (103.2256 CM<sup>2</sup>) OF THE PANEL AREA.

(c) Repair Procedure for Dents, Scratches, and Resin Erosion:

**NOTE:** The 16 in<sup>2</sup> (103.2256 cm<sup>2</sup>) 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 Cytac 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<sup>2</sup> (645.16 cm<sup>2</sup>) 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 (0.005 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 10. To replace the Tedlar, refer to paragraph 11.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 Scotch-Brite (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<sup>2</sup> (103.2256 cm<sup>2</sup>) to each part. Remove the unwanted adhesive as shown in the subsequent step.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 (0.005 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 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 10. To replace the Tedlar, refer to paragraph 11.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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

## 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) inch 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) inch 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<sup>2</sup> (103.2256 cm<sup>2</sup>) area for repair is the limit for an individual repair. The limit quantity of repairs per 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: 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<sup>2</sup> (103.2256 cm<sup>2</sup>).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

**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<sup>2</sup> (103.2256 CM<sup>2</sup>) OF THE PANEL AREA.

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.

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 Cytac 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 6005. 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 (0.005 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 10. To replace the Tedlar, refer to paragraph 11.C.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

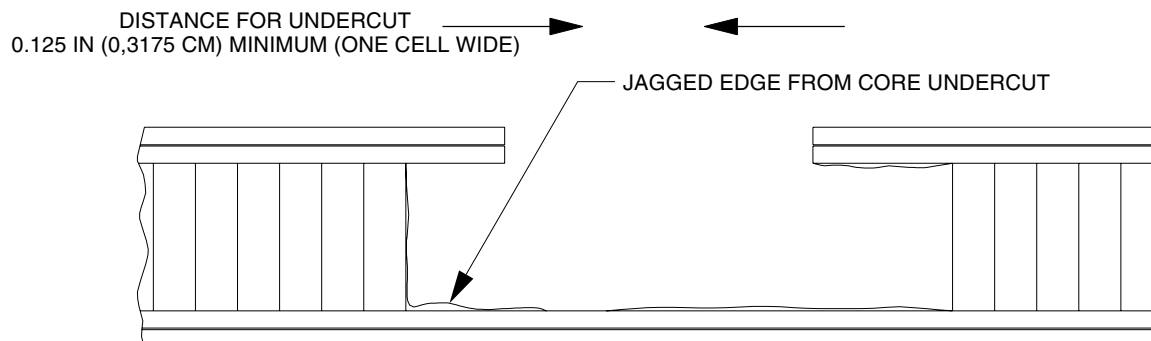
(b) Scarf Repair Procedure (Figure 6006)

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.

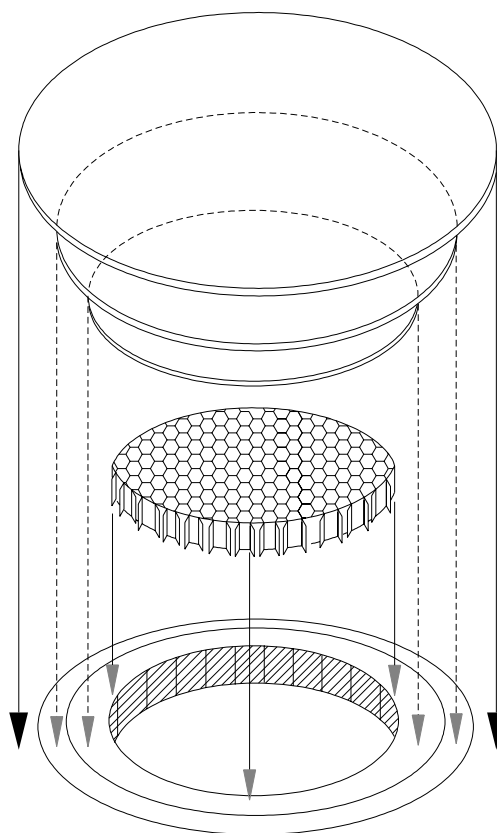
NOTE: Disadvantages: Higher skill is necessary to remove and replace the core. Time for the repair is longer. Wet lay-up or adhesive lay-up is messy.

- 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, 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.
- 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.
- 10 To fair out the surface, refer to paragraph 9.
- 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Potting Compound or Solid Repair  
Figure 6005/GRAPHIC 25-40-53-300-005-A01



Scarf Repair Procedure  
Figure 6006/GRAPHIC 25-40-53-300-006-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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 6007).

**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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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 9.
- 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.

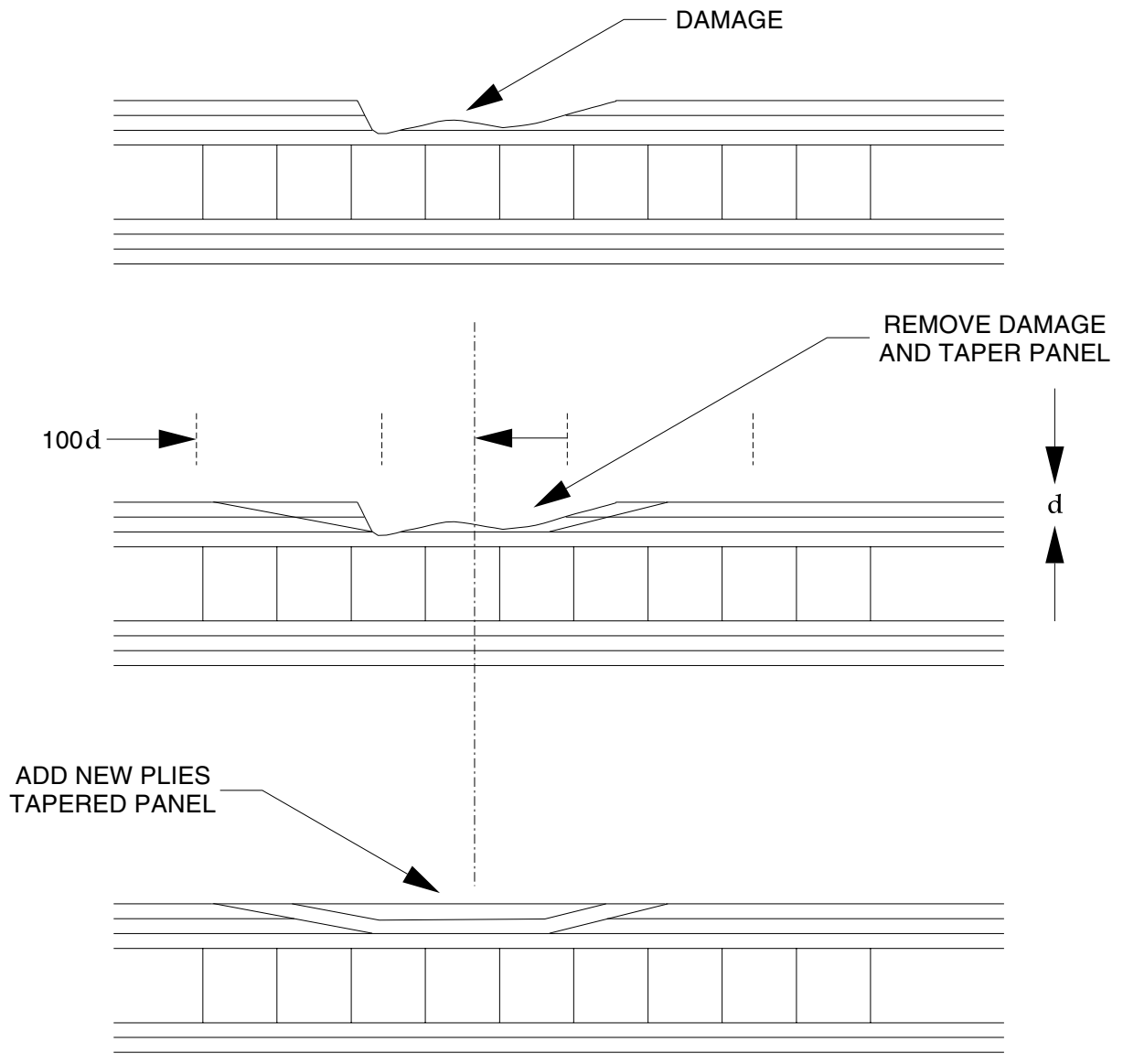
NOTE: Disadvantages: Higher skill is necessary to remove and replace the core. Time for the repair is longer, as set time for repair. Wet lay-up or adhesive lay-up is messy.

- 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  $(P-1) \times 1.5$ . 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Taper Scarf Repair  
Figure 6007/GRAPHIC 25-40-53-300-007-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-009-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 Cabin 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 25-40-53-300-010-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 Inc.

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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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 10.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 2.5 in (6.35 cm) 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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<sup>2</sup> (12.9032 cm<sup>2</sup>) 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<sup>2</sup> (12.9032 cm<sup>2</sup>) 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-011-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 Company) 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 6008.

- 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).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Criss-Cross Pattern  
Figure 6008/GRAPHIC 25-40-53-300-008-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 Top Coat 6 Parts
- 2 Mankiewicz #345-65 Hardener 1 Part
- 3 Water as a dilution
- 4 A  $\pm 0.0045$  lb (2 g) of top coat 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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 6008. 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 Top Coat 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  $\pm 0.0045$  lb (2 g) of top coat 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.

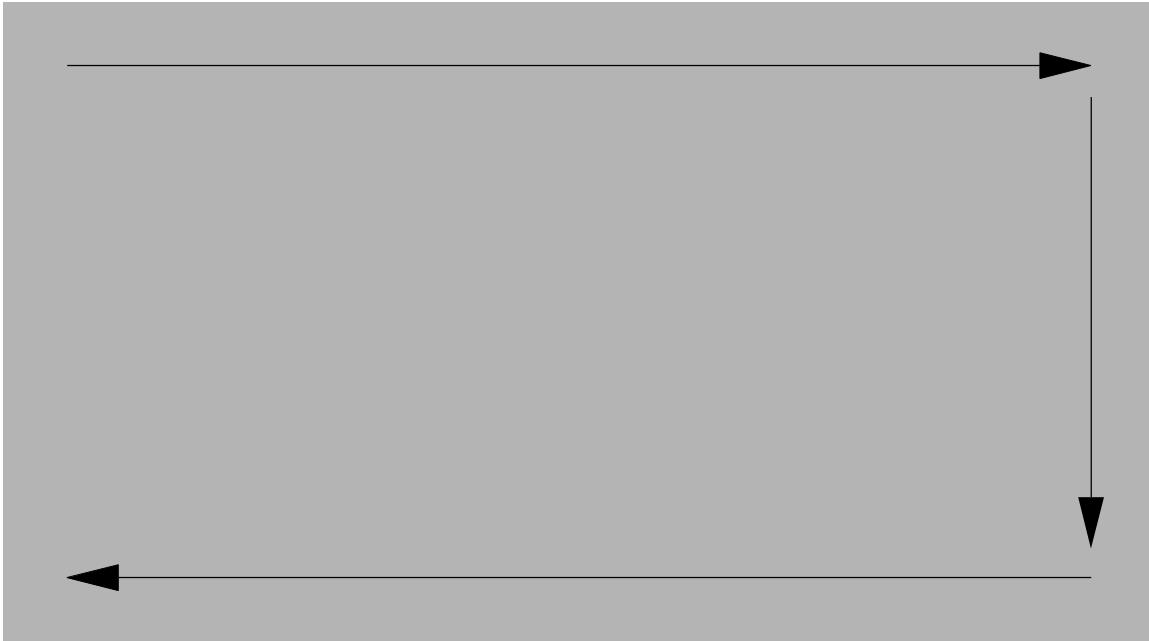
(c) Applicator requirements are as follows:

- 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 6009.
- (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



1- ½+ Criss-Cross Pattern  
Figure 6009/GRAPHIC 25-40-53-300-009-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-012-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<sup>2</sup> (103.2256 cm<sup>2</sup>) 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<sup>2</sup> (25.8 cm<sup>2</sup>): SECTIONING PROCEDURE

NOTE: With this procedure, you can remove and replace the original adhesive and it is not necessary to add other materials.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

**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 8.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 6010.

**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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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 9.
- (e) To apply decorative laminates, refer to paragraph 14.



Extensive Damage on Tedlar  
Figure 6010/GRAPHIC 25-40-53-300-010-A01

E. Repair Procedure for White Bondable Tedlar

**NOTE:** This repair is limited to 16 in<sup>2</sup> (103.2256 cm<sup>2</sup>) of the component surface area. This repair is limited to 16 in<sup>2</sup> (103.2256 cm<sup>2</sup>) 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 (0.005 cm) thickness, taper the filler from the bare panel to the white bond facing.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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 25-40-53-300-013-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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 ft<sup>2</sup> (43.05 g per m<sup>2</sup>) (wet weight) (0.0423 oz per ft<sup>2</sup> (12.92 g per m<sup>2</sup>) (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(e) Bond the decorative laminate to the primed panel as shown below:

<u>USE</u>	<u>TEMPERATURE</u> (°F+15°F) (°C-9°C)	<u>VACUUM</u>	<u>TIME (MINUTES)</u>
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

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(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 ft<sup>2</sup> (43.05 g per m<sup>2</sup>) (wet weight) (0.0423 oz per ft<sup>2</sup> (12.92 g per m<sup>2</sup>) (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (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<sup>2</sup> (0.403 cm<sup>2</sup>) 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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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  $\sim 200^{\circ}\text{F} \pm 30^{\circ}\text{F}$  ( $93^{\circ}\text{C} \pm 17^{\circ}\text{C}$ ).
- (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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-300-014-A01

15. Repair of Kydex Thermoplastic

**NOTE:** Refer to Table 6004 for the materials which must be utilized for the repair of Kydex Thermoplastic materials; equivalent, substitute or alternate materials can not be utilized otherwise the certification and airworthiness of the product by Safran Cabin Inc. is no longer valid.

Materials for the Repair of Kydex Thermoplastic  
Table 6004/TABLE 25-40-53-940-005-A01

Nomenclature	Part Number	Source (CAGE)*	Used For
Epoxy Lamination Resin	Epocast® 50-A1 Hardener 946	Huntsman Advanced Materials GmbH (V1532N)	Reinforcement of Crack.
8 Harness Satin Fiberglass Cloth with Volan Finish	HexForce™ 7781	Hexcel Reinforcements Corp. (V0YGN0)	Patch.
Adhesive	Devcon® Plastic Welder	ITW Performance Polymers (V0RZG3)	Filling Crack with Adhesive.
	Devcon® Plastic Welder II	ITW Performance Polymers (V0RZG3)	Filling Crack with Adhesive.
	Uralane® 5774 A/C	Huntsman Advanced Materials GmbH (V1532N)	Filling Crack with Adhesive.
	Loctite® 454	Henkel Corp. (V1N6B3)	Filling Crack with Adhesive.
	Loctite® 411	Henkel Corp. (V1N6B3)	Filling Crack with Adhesive.

\* Refer to the IPL, paragraph 6, for the address.

**WARNING: THE USE OF PROPER PERSONAL PROTECTIVE GEAR IS REQUIRED.**

- All repair material and approved solvent manufacturer's SDS shall be reviewed and obeyed.
- At a minimum, gloves are recommended for handling parts and should be worn whenever handling chemicals or solvents.
- At a minimum, goggles should be worn when a splash could occur.
- When sanding or abrading a part, a dust or particulate mask should be worn along with eye protection.
- Items should be used in a well ventilated area with adequate lighting away from open flames.

**NOTE:** Operation should take place at room temperature using material at room temperature; 70 ± 5°F (21 ± 2.8°C), 50 ± 5% relative humidity and on parts which are also at room temperature.

**NOTE:** If there is a conflict between these instructions and the repair material manufacturer, the manufacturers' instructions will take precedence, but notify Safran Cabin Services as soon as possible.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

A. Limits

- (1) Repair procedures are limited to cracks in 0.125 in (0.32 cm) thick or less Kydex thermoplastic material. Maximum repairable length is 4 in (10.16 cm) with a crack width/gap of approximately 0.01 - 0.02 in (0.25 - 0.51 mm). L shaped or irregular shaped cracks can be repaired per this method as long as their total length does not exceed 4 in (10.16 cm).
  - (a) Prepare part for repair
    - 1 Clean the part with a mild detergent per CLEANING section to remove all containments and dry with a clean cloth.
  - (b) Repair crack
    - 1 Fill crack with adhesive
      - a Wipe down surface of the part with an approved cleaning solvent per Table CLEANING and follow with a clean dry shop wipe. Do not let the solvent dry on the part.
      - b Crack shall be filled from the side of the part which has the largest gap. The opposite side should have polyester tape applied over the crack to prevent adhesive from leaking out of the crack when it is filled from the other side and reduce clean up time.
      - c Refer to Table 6004 for the adhesive choices which must be used; equivalent, substitute or alternate materials can not be used. Select an adhesive and prepare adhesive for bonding per manufacturer's instruction.
      - d Apply only the amount of adhesive which is needed to fill the crack flush with the undamaged part's surface using a plastic adhesive spreader or acid brush.
      - e Allow adhesive to cure per manufacturer's instructions. The following are general guidelines:
        1. Cure for a minimum of 2 hours at room temperature or allow to gel at room temperature prior to attempting to accelerate the cure.
        2. If accelerated cure is needed, heat the part to 120 - 140°F (49 - 60°C) for a minimum of three hours. Do not heat above 150°F (66°C).
        3. If room temperature cure is acceptable, allow to set a minimum of 24 hours at room temperature.
  - (c) Reinforce crack with localized patch
    - 1 Prepare crack for fiberglass patch, the unexposed surface shall be repaired and receive the patch

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- a Wipe down surface of the part to make sure that it is clean and free of dirt, dust, oil or any contamination with a clean shop wipe dampened with an approved cleaning solvent per Table 6001 and follow with a clean dry shop wipe. Do not let the solvent dry on the part.

NOTE: A part will be clean if there is no indication of dirt, dust, oil, or unwanted materials after you pass a clean, dry shop wipe on it.

- b Sand the surface to be repaired slowly by hand with 120-180 grit sand paper to rough the part's surface and make sure a good bond. First sand with longitudinal strokes in one direction, then cross sand in sweeps 90° to the surface. Sand the surface with smooth strokes, along the longitudinal grain direction and short abrupt strokes in the cross direction.

NOTE: The entire surface involved with the repair that will be covered by the patch must be sanded to make sure that the patch properly bonds to the part's surface.

NOTE: Too much sanding, using pneumatic or electrical sander or using too fine of grit can cause the surface to be too smooth and not allow the patch to properly bond.

- c Solvent wipe part again per paragraph 13.A.(1).(c).1.a. Do not touch the cleaned surfaces.
- d Apply polyester tape to the area adjacent to the repair. This will prevent these surfaces from contamination by the repair procedure and reduce clean-up time.

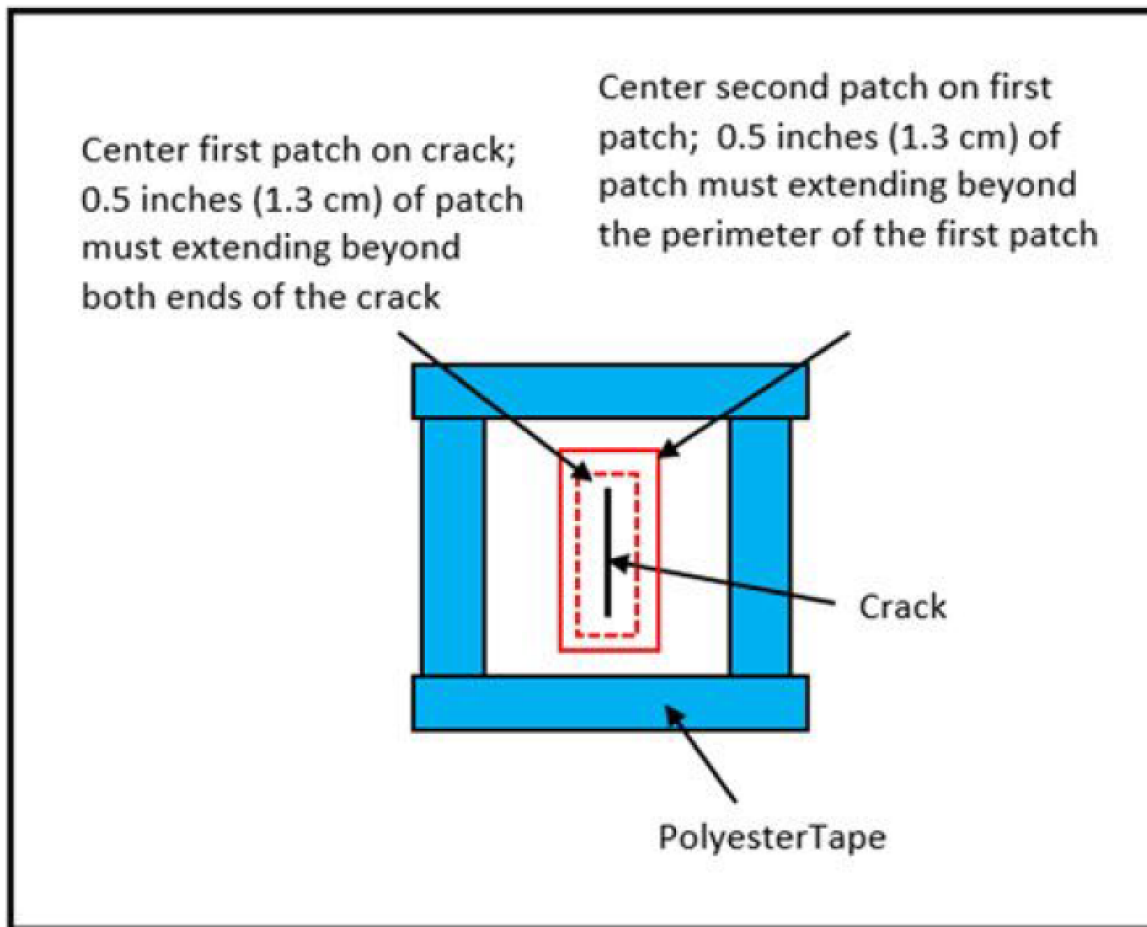
- (d) Apply patch to crack in panel via wet lay-up

- 1 Refer to Table 6004 for epoxy laminating resin and fiberglass cloth that must be used for the patch; equivalent, substitute or alternate materials can not be utilized otherwise the certification and airworthiness of the product by Safran Cabin Inc. is no longer valid.
- 2 Prepare fiberglass cloth
  - a Cut two pieces, one at 0.5 in (1.27 cm) wide and the length must be at least 1 in (2.54 cm) longer than the crack and the next at 1 in (2.54 cm) wide and the length must be at least 2 in (5.08 cm) longer than the crack being repaired. This is done to make sure of proper overlap of both the crack and the first patch.

NOTE: If a 4 in (10.16 cm) crack is being repaired, the first patch would be 0.5 in (1.27 cm) by 5 in (12.7 cm) and the second would be 1 in (2.54 cm) by 6 in (15.24 cm).
- 3 Mix the laminating resin per manufacturer's instruction.
- 4 Brush the laminating resin over the prepared surface which will receive the patch.
- 5 Wet-out the fiberglass cloth with the laminating resin to make a patch.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- a Place the dry fiberglass cloth on release paper or similar material and apply mixed laminating resin to the surface.
  - b Use squeegee to completely wet-out the fiberglass with the laminating resin. The resin must completely saturate the fiberglass cloth and the fiberglass cloth should become translucent.
- 6 Place the smaller patch, with the width and length centered over the crack and use the squeegee to make sure that it is secured to the part's surface. Repeat with the larger patch. See Figure 6011.



Fiberglass Patches Centered Over Crack  
Figure 6011/GRAPHIC 25-40-53-300-011-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 7 Brush additional laminating resin onto the patch. The resin should completely saturate the fiberglass cloth and remain translucent.
- 8 Allow laminating resin to cure.
  - a If possible, place a flat plate that has been covered with a release liner (polyester tape or similar material) over the repaired area and clamp into position so sufficient force is holding the patch onto the part.
  - b Cure for a minimum of 2 hours or allow to gel at room temperature prior to attempting to accelerate the cure.
    - 1. If accelerated cure is needed, after room temperature gel, heat the part to 170 - 200°F (77 - 93°C) for a minimum of two hours. Do not heat above 200°F (93°C).
    - 2. If room temperature cure is acceptable, allow to set a minimum of 48 hours at room temperature.
- 9 Restore surface
  - a Remove tape.
  - b If necessary, remove any remaining excess laminating resin by lightly sanding with 240 grit or finer to make a smooth surface. Be careful not to damage or sand into the part's surface.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
ASSEMBLY

TASK 25-40-53-99F-811-A01

1. General

- A. This section gives all instructions and notes needed to prevent damage to components and possible injury to persons during assembly of the Aft Lavatory Assembly.

NOTE: The assembly sequence can be changed.

- B. IPL Figure Item numbers include all configurations (alpha variants) unless otherwise noted.
- C. Refer to REPAIR section 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 25-40-53-400-801-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.**

**NOTE:** The bonded individual panels of the structure assembly cannot be replaced without special fixtures and tooling. Refer to REPAIR section to fill holes you can see. Replace the bonded structure assembly if you cannot repair the damage.

SUBTASK 25-40-53-440-001-A01

A. Lavatory Assembly (IPL Figure 1)

- (1) Install the SB incorporation placard (-665).
- (2) Assemble and install the toilet shroud installation (660) or toilet shroud assembly (-660A) in accordance with SUBTASK 25-40-53-440-007-A01 or SUBTASK 25-40-53-440-006-A01.
- (3) Assemble and install the lavatory C main unit assembly (-5 or -5A), lavatory E main unit assembly (-5B, -5C, -5D, -5E, -5F, -5H, -5J, -5K, -5N, or -5P), or lavatory A main unit assembly (-5G) as follows:
  - (a) Install the mounting angle (-645) with screw (-650) and washer (-655).
  - (b) Install the mounting angle (-630) with screws (-635) and washers (-640).
  - (c) Assemble and install the bulkhead assembly (625) in accordance with SUBTASK 25-40-53-440-003-A01.
  - (d) Install the components of the rubstrip installation (-600) as follows:
    - 1 Install the rubstrip (620).
    - 2 Install the retainer (615).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 3 Install the light gray end caps (605) with screws (610).
- (e) Install the backplates (595).
- (f) Assemble the hinge assemblies (-540) as follows:
  - 1 Assemble and install the sub hinge assembly (-570) as follows:
    - a Install the hinge (590).
    - b Install the hinge (585).
    - c Install the pin (580).
    - d Install the drive screws (575).
  - 2 Install the hinge (565) with rivets (-566).
  - 3 Install the bumper (560).
- (g) Install the hinge assemblies (-540) with screws (545) and washers (550).
- (h) Refer to REPAIR section to replace the bonded bumpers (535 and -535B).
- (i) Install the spring clips (520) with screws (525) and washers (530).
- (j) Assemble the trim assembly (490) as follows:
  - 1 Refer to REPAIR section to replace the bonded foam tape double-sided (515A).
  - 2 Install the spacers (510).
  - 3 Install the spacer (505).
  - 4 Install the trim (-500).
- (k) Install the trim assembly (490) with screws (495).
- (l) Install the components of the toilet tank installation (470) in accordance with SUBTASK 25-40-53-440-008-A01.
- (m) Install the components of the entry door installation (465, -465A, -465B, or -465D) in accordance with SUBTASK 25-40-53-440-009-A01.
- (n) Install the components of the floor pan installation (-420 or -420A) as follows:
  - 1 Assemble and install the floor pan assembly (-440 or -440A) as follows:
    - a Refer to REPAIR section to replace the bonded loop velcro (-460).
    - b Install the floor pan (455 or -455A).
    - c Install the floor mat (450).
    - d Refer to REPAIR section to replace the bonded bracket (445).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 2 Install the spring clips (425) with screws (430) and washers (435).
- (o) Install the retainers (395) with screws (400) and washers (405).
- (p) Install the seat track cover (380) with screws (385) and washers (390).
- (q) Refer to REPAIR section to replace the bonded seal (375).
- (r) Install the 9G bulkhead assembly (370).
- (s) Install the washers (365).
- (t) Install the screws (360).
- (u) Refer to REPAIR section to replace the bonded service compartment trim (355).
- (v) Refer to REPAIR section to replace the bonded rubber seal (354).
- (w) Install the washers (353).
- (x) Install the screws (352).
- (y) Install the spacers (351).
- (z) Assemble the bracket assemblies (345) as follows:
  - 1 Install the bracket (-349B).
  - 2 Install the nutplate (-349) with the rivets (-349A).
- (aa) Install the bracket assemblies (345) with screws (346) and washers (347).
- (ab) Install the components of the air duct installation (325, -325A, -325B, or -325C) in accordance with SUBTASK 25-40-53-440-013-A01, SUBTASK 25-40-53-440-012-A01, SUBTASK 25-40-53-440-011-A01, or SUBTASK 25-40-53-440-010-A01.
- (ac) Install the components of the drop ceiling installation (320) in accordance with SUBTASK 25-40-53-440-014-A01.
- (ad) Install the components of the water heater access panel installation (-290 or -290A) as follows:
  - 1 Assemble and install the access plate assembly (-315 or -315A) as follows:
    - a Refer to REPAIR section to replace the bonded panel assembly (-319G).
    - b Install the plate (-319F).
    - c Refer to REPAIR section to replace the bonded extrusion (-319E).
    - d Refer to REPAIR section to replace the bonded panel assembly (319C).
    - e Refer to REPAIR section to replace the bonded rubber seal (-319B).
    - f Install the plate (319A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- g Install the ball stud (319).
      - h Install the clip (316) with screws (317) and washers (318).
    - 2 Refer to REPAIR section to replace the bonded plate (-310).
    - 3 Assemble the bracket assembly (295 or -295A) as follows:
      - a Install the bracket (-308 or -308A).
      - b Install the ball-stud speed clip (306) or nutplate (-306A) with rivets (-307 or -307A).
    - 4 Install the bracket assembly (295 or -295A) with screws (300), screw (-302), and washers (305).
- (ae) Install the components of the waste compartment installation (285 or -285A) in accordance with SUBTASK 25-40-53-440-015-A01.
- (af) Install the components of the service door installation (280) in accordance with SUBTASK 25-40-53-440-016-A01.
- (ag) Install the components of the top closeout panel installation (-240) as follows:
  - 1 Assemble and install the closure panel assembly (275) as follows:
    - a Install the panel (-279).
  - 2 Install the mounting angle (260) with screws (265) and washers (270).
  - 3 Install the mounting angle (245) with screws (250) and washers (255).
- (ah) Install the components of the door mirror installation (235 or -235A) in accordance with SUBTASK 25-40-53-440-018-A01 or SUBTASK 25-40-53-440-017-A01.
- (ai) Install the components of the box amenity installation (230) in accordance with SUBTASK 25-40-53-440-019-A01.
- (aj) Refer to REPAIR section to replace the bonded bezel assembly (225).
- (ak) Install the components of the countertop assembly installation (-175 or -175A) as follows:
  - 1 Assemble and install the countertop assembly (220 or -220A) in accordance with SUBTASK 25-40-53-440-004-A01.
  - 2 Install the washers (215).
  - 3 Install the screws (210).
  - 4 Install the angle bracket (195) with screws (200) and washers (205A).
  - 5 Install the angle bracket (180) with screws (185) and washers (190).
- (al) Install the soap dispenser bottle (170A) or soap dispenser installation (-170B).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (am) Install the assist handle (165).
- (an) Install the assist handle cups (160).
- (ao) Install the bushings (155).
- (ap) Install the rubber washers (150).
- (aq) Install the screws (145).
- (ar) Install the brackets (130) with screws (135) and washers (140).
- (as) Install the vertical corner trim (120) with screws (125).
- (at) Refer to REPAIR section to replace the bonded SB incorporation placard (-116 or -116A).
- (au) Install the ashtray (100) with screws (105).
- (av) Assemble the tie-rod assembly (40) as follows:
  - 1 Install the rod body (95).
  - 2 Install the locking washer-rod ends (90).
  - 3 Install the jam drilled left-hand nut (85).
  - 4 Install the jam drilled right-hand nut (80).
  - 5 Install the left-hand rod end (75).
  - 6 Assemble and install the clevis assembly (-60) as follows:
    - a Install the clevis (70).
    - b Install the bushings (65).
- (aw) Install the tie rod assembly (40) with nut (42), washers (50), and bolt (52).
- (ax) Refer to REPAIR section to replace the bonded placard (-37).
- (ay) Refer to REPAIR section to replace the bonded nameplates (25 and 30A). Install the nameplates (25 and 30A) with rivets (-35).
- (az) Install the components of the plumbing installation (20, -20A, or -20B) in accordance with SUBTASK 25-40-53-440-020-A01 or SUBTASK 25-40-53-440-021-A01.
- (ba) Install the components of the electrical installation (15, -15A, -15B, -15C, -15D, or -15E) in accordance with SUBTASK 25-40-53-440-023-A01 or SUBTASK 25-40-53-440-022-A01.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (bb) Assemble and install the bonded structure assembly (10, -10A, -10B, or -10C) in accordance with SUBTASK 25-40-53-440-024-A01.

SUBTASK 25-40-53-440-025-A01

B. Lavatory Assembly (IPL Figure 1A)

- (1) Refer to REPAIR section to replace the bonded placard (5).

SUBTASK 25-40-53-440-002-A01

C. Wall Mount Faucet and Drain Assembly (IPL Figure 17)

- (1) Install the drain assembly (70).
- (2) Install the hose (65).
- (3) Install the plug blank fitting (60).
- (4) Install the inlet fitting (55).
- (5) Assemble the adapter assembly with drain rod (10) as follows:
  - (a) Assemble and install the drain rod assembly (30) as follows:
    - 1 Install the drain rod (45) with cotter pin (50).
    - 2 Install the middle rod (40).
    - 3 Install the drain knob and rod (35).
  - (b) Install the adapter (25).
  - (c) Install the cover (20).
- (6) Install the adapter assembly with drain rod (10) with screws (15).
- (7) Install the single temperature faucet (5).

SUBTASK 25-40-53-440-003-A01

D. Bulkhead Assembly (IPL Figure 16)

- (1) Assemble and install the bonded right side structure assembly (260) as follows:
  - (a) Refer to REPAIR section to replace the bonded right side panel assembly (510).
  - (b) Install the rivnuts (-505).
  - (c) Install the rivnuts (-500).
  - (d) Install the rivets (-495).
  - (e) Refer to REPAIR section to replace the bonded splice assembly (490). Assemble and install the splice assembly (490) as follows:
    - 1 Install the splice extrusion (-492).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 2 Install the rivnuts (-491).
- (f) Refer to REPAIR section to replace the bonded access door channel assemblies (485). Assemble and install the access door channel assemblies (485) as follows:
  - 1 Install the channel (-488).
  - 2 Install the angle assemblies (-486) with rivets (-487).
- (g) Refer to REPAIR section to replace the bonded fitting support channel assembly (480). Assemble and install the fitting support channel assembly (480) as follows:
  - 1 Install the channel (-483).
  - 2 Install the nutplates (-481) with rivets (-482).
- (h) Refer to REPAIR section to replace the bonded access door channels (470). Install the access door channels (470) with screws (475A).
- (i) Install the rivets (-465).
- (j) Refer to REPAIR section to replace the bonded access door doubler (460).
- (k) Refer to REPAIR section to replace the bonded access door trim channels (450). Install the access door trim channels (450) with rivets (-455).
- (l) Refer to REPAIR section to replace the bonded access door trim channels (440). Install the access door trim channels (440) with rivets (-445).
- (m) Refer to REPAIR section to replace the bonded floor fitting doubler (425). Install the floor fitting doubler (425) with rivets (-430) and rivets (-435).
- (n) Refer to REPAIR section to replace the bonded floor fitting doubler (415). Install the floor fitting doubler (415) with rivets (-420).
- (o) Install the self-locking nut (390) with screws (395), screws (400), washers (405), and self-locking nuts (410).
- (p) Refer to REPAIR section to replace the bonded reinforce floor fitting (335). Install the reinforce floor fitting (335) with screws (340), screws (345), screw (350), screws (355), washers (360), washers (365), flush nut (370), self-locking nuts (375), rivnuts (-380), and rivnuts (-385).
- (q) Refer to REPAIR section to replace the bonded doubler (325). Install the doubler (325) with rivets (-330).
- (r) Refer to REPAIR section to replace the bonded doubler (315). Install the doubler (315) with screws (320).
- (s) Refer to REPAIR section to replace the bonded doubler (305). Install the doubler (305) with screws (310).
- (t) Refer to REPAIR section to replace the bonded doublers (295). Install the doublers (295) with screws (300).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (u) Refer to REPAIR section to replace the bonded doublers (285). Install the doublers (285) with rivets (-290).
- (v) Refer to REPAIR section to replace the bonded doublers (275). Install the doublers (275) with screws (280).
- (w) Assemble and install the stringer attach fitting assemblies (265) as follows:
  - 1 Install the fitting (272).
  - 2 Install the bearing (271A).
- (x) Install the stringer attach fitting assemblies (265) with screws (270).
- (2) Install the protection liner (245) with screws (250) and washers (255).
- (3) Refer to REPAIR section to replace the bonded smoke seals (-240).
- (4) Install the spring clip (225) with screws (230) and washers (235).
- (5) Install the spring clips (210) with screws (215) and washers (220).
- (6) Refer to REPAIR section to replace the bonded foam seals (205).
- (7) Refer to REPAIR section to replace the bonded foam seals (200).
- (8) Install the access door pressure pads (185) with screws (190).
- (9) Install the strikers (175) with screws (180).
- (10) Assemble the bulkhead angle assembly (140) as follows:
  - (a) Install the angle (-170).
  - (b) Refer to REPAIR section to replace the bonded foam (-165).
  - (c) Install the nutplates (-155) with rivets (-160).
- (11) Install the bulkhead angle assembly (140) with screws (145) and washers (150).
- (12) Assemble the bulkhead angle assembly (105) as follows:
  - (a) Install the angle (-135).
  - (b) Refer to REPAIR section to replace the bonded foam (-130).
  - (c) Install the nutplates (-120) with rivets (-125).
- (13) Install the bulkhead angle assembly (105) with screws (110) and washers (115).
- (14) Assemble the bulkhead angle assembly (70) as follows:
  - (a) Install the bulkhead angle (-100).
  - (b) Install the seal (-95).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (c) Install the nutplates (-85) with rivets (-90).
- (15) Install the bulkhead angle assembly (70) with screws (75) and washers (80).
- (16) Assemble the drag link assemblies (15) as follows:
  - (a) Install the jam nut (65).
  - (b) Assemble and install the male clevis assembly (50) as follows:
    - 1 Install the clevis (-60).
    - 2 Install the bushings (55).
  - (c) Assemble and install the female clevis assembly (35) as follows:
    - 1 Install the clevis (-45).
    - 2 Install the bushings (40).
- (17) Install the drag link assemblies (15) with nuts (20), washers (25), and bolts (30).
- (18) Refer to REPAIR section to replace the bonded nameplate (-5). Install the nameplate (-5) with rivets (-10).

SUBTASK 25-40-53-440-004-A01

E. Countertop Assembly (IPL Figure 15)

- (1) Assemble and install the top coat assembly (-40 or -40A) as follows:
  - (a) Install the top coat (-95).
  - (b) Install the top coat (-90 or -90A).
  - (c) Install the sheet laminates (-85).
  - (d) Assemble and install the bonded structure assembly (-45) as follows:
    - 1 Refer to REPAIR section to replace the bonded panel (80).
    - 2 Refer to REPAIR section to replace the bonded panel assembly (70). Assemble and install the panel assembly (70) as follows:
      - a Install the panel (-72).
    - 3 Refer to REPAIR section to replace the bonded panel assembly (60). Assemble and install the panel assembly (60) as follows:
      - a Install the panel (-65A).
    - 4 Refer to REPAIR section to replace the bonded panel assembly (50). Assemble and install the panel assembly (50) as follows:
      - a Install the panel (-55A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (2) Refer to REPAIR section to replace the bonded over flow tube assembly (25). Assemble and install the over flow tube assembly (25) as follows:
  - (a) Install the overflow drain tube (-35).
  - (b) Install the flange (30).
- (3) Assemble the soap base assembly (5) as follows:
  - (a) Install the holder (-20).
- (4) Install the soap base assembly (5) with screw (10) and washer (15A).

SUBTASK 25-40-53-440-005-A01

F. Oxygen Panel Installation (IPL Figure 14 - Deleted)

- (1) Deleted IPL.

SUBTASK 25-40-53-440-006-A01

G. Toilet Shroud Assembly (IPL Figure 13A)

- (1) Refer to REPAIR section to replace the bonded hook velcro (35).
- (2) Refer to REPAIR section to replace the bonded hook velcro (30).
- (3) Install the shroud (25).
- (4) Refer to REPAIR section to replace the bonded P-seal (-15).
- (5) Install the toilet seat assembly (5A) with washers (10A).

SUBTASK 25-40-53-440-007-A01

H. Toilet Shroud Installation (IPL Figure 13)

- (1) Install the shroud (55).
- (2) Install the foam spacer (-53).
- (3) Refer to REPAIR section to replace the bonded hook velcro (-52).
- (4) Refer to REPAIR section to replace the bonded hook velcro (-51).
- (5) Refer to REPAIR section to replace the bonded P-seal (-50).
- (6) Assemble the seat assembly (5) as follows:
  - (a) Install the spring clips (-46).
  - (b) Install the lid bumpers (45).
  - (c) Install the bumpers (40).
  - (d) Install the seat (35).
  - (e) Install the lid (30).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (f) Install the hinges (25).
  - (g) Install the washers (20).
  - (h) Install the nuts (15).
- (7) Install the seat assembly (5) with washers (10).

SUBTASK 25-40-53-440-008-A01

I. Toilet Tank Installation (IPL Figure 12)

- (1) Install the drip pan (80).
- (2) Install the seal (75).
- (3) Install the seal (70).
- (4) Refer to REPAIR section to replace the bonded deflector (55). Install the deflector (55) with screws (60) and washers (65).
- (5) Assemble the fitting assemblies (40) as follows:
  - (a) Install the bracket (-52).
- (6) Install the fitting assemblies (40) with screws (45) and washers (50).
- (7) Assemble the fitting assemblies (30) as follows:
  - (a) Install the bracket (-37).
- (8) Install the fitting assemblies (30) with screws (35).
- (9) Install the toilet assembly (25).
- (10) Install the brackets (15) with screws (20).
- (11) Install the hold down rod assemblies (10).
- (12) Install the hold down rod assemblies (5).

SUBTASK 25-40-53-440-009-A01

J. Entry Door Installation (IPL Figure 11)

- (1) Refer to REPAIR section to replace the bonded seal (-565).
- (2) Assemble the door switch assembly (-495) as follows:
  - (a) Install the wire (-560).
  - (b) Install the expandable sleeving (-555).
  - (c) Install the cable tie (-550).
  - (d) Install the plate (545).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (e) Install the spring (540).
  - (f) Install the flexible tubing (-536).
  - (g) Install the support (535).
  - (h) Install the switch (530).
  - (i) Install the nuts (525).
  - (j) Install the washers (520).
  - (k) Install the screws (515A).
- (3) Install the door switch assembly (-495) with screws (500).
- (4) Install the kick ramp assembly (485, -485A, or -485B) with screws (490).
- (5) Assemble the threshold assembly (-425, -425A, or -425B) as follows:
- (a) Install the tube (480).
  - (b) Install the rivnuts (475).
  - (c) Install the bracket (-473).
  - (d) Install the bracket (470).
  - (e) Refer to REPAIR section to replace the bonded spacer (465).
  - (f) Refer to REPAIR section to replace the bonded bushing (460).
  - (g) Refer to REPAIR section to replace the bonded screws (455A).
  - (h) Install the brackets (435 or -435A) with screws (440), washers (445), and nuts (450).
- (6) Install the threshold assembly (-425, -425A, or -425B) with screws (430).
- (7) Assemble the rail assembly (-385) as follows:
- (a) Install the rail (420).
  - (b) Refer to REPAIR section to replace the bonded support pivot (415).
  - (c) Install the detented retainer assembly (395) with screws (400), washers (405), and nuts (410).
- (8) Install the rail assembly (-385) with screws (390).
- (9) Assemble and install the bi-fold door assembly (-45 or -45A) as follows:
- (a) Assemble and install the pivot side door assembly (-240 or -240A) as follows:
    - 1 Install the panel assembly (380 or -380A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- 2 Refer to REPAIR section to replace the bonded color bumpon (-376).
- 3 Assemble the vent louver assembly (-335 or -335A) as follows:
  - a Install the inner louver (365 or -365A).
  - b Refer to REPAIR section to replace the bonded outer louver (360 or -360A).
  - c Install the inner frame (355 or -3550A).
  - d Install the outer frame assembly (350 or -350A).
  - e Install the ball plunger (345).
- 4 Install the vent louver assembly (-335 or -335A) with screws (340).
- 5 Refer to REPAIR section to replace the bonded flush pull handle (330).
- 6 Refer to REPAIR section to replace the bonded plate (325).
- 7 Refer to REPAIR section to replace the bonded retainer (315). Install the retainer (315) with screw (320).
- 8 Install the coat hook assembly (310).
- 9 Install the retainer (300) with screws (305).
- 10 Install the retainer (290) with screws (295).
- 11 Install the compression springs (285).
- 12 Install the hinge pins (280).
- 13 Refer to REPAIR section to replace the bonded slide pins (275).
- 14 Refer to REPAIR section to replace the bonded trim (265). Install the trim (265) with screws (270).
- 15 Refer to REPAIR section to replace the bonded trim (260).
- 16 Refer to REPAIR section to replace the bonded trim (255).
- 17 Refer to REPAIR section to replace the bonded joint trim (250).
- 18 Refer to REPAIR section to replace the bonded trim (245).
- (b) Refer to REPAIR section to replace the bonded placard (237). Install the placard (237) with rivets (-238).
- (c) Assemble and install the latch side door assembly (-90 or -90A) as follows:
  - 1 Install the panel assembly (235 or -235A).
  - 2 Assemble the vent louver assembly (-190 or -190A) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- a Install the inner louver (220 or -220A).
    - b Refer to REPAIR section to replace the bonded outer louver (215 or -215A).
    - c Install the inner frame (210 or -210A).
    - d Install the outer frame assembly (205 or -205A).
    - e Install the ball plunger (200).
  - 3 Install the vent louver assembly (-190 or -190A) with screws (195).
  - 4 Assemble the latch assembly (-165) as follows:
    - a Install the latch (185).
    - b Install the spring pin (180).
    - c Install the lock pin (175).
  - 5 Install the latch assembly (-165) with screws (170).
  - 6 Install the ashtray (155) with screws (160).
  - 7 Refer to REPAIR section to replace the bonded plate (150).
  - 8 Install the slider (140) with screw (145).
  - 9 Refer to REPAIR section to replace the bonded joint trim (135).
  - 10 Refer to REPAIR section to replace the bonded trim (130).
  - 11 Install the trim (120) with screws (125).
  - 12 Refer to REPAIR section to replace the bonded trim (110). Install the trim (110) with screws (115).
  - 13 Refer to REPAIR section to replace the bonded trim (100). Install the trim (100) with screw (105).
  - 14 Refer to REPAIR section to replace the bonded trim (95).
- (d) Assemble the hinge assemblies (-55) as follows:
- 1 Install the half-hinges (85).
  - 2 Install the springs (80B).
  - 3 Install the linkages (75A).
  - 4 Install the pins (70).
  - 5 Install the drive screws (65).
- (e) Install the hinge assemblies (-55) with screws (60).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (f) Install the joint center trim (50).
- (10) Install the door way trim assembly (35) with screws (40).
- (11) Install the door way trim assembly (25 or -25A) with screws (30).
- (12) Install the door way trim (15) with screws (20).
- (13) Install the door way trim (5) with screws (10).

SUBTASK 25-40-53-440-010-A01

K. Air Duct Installation (IPL Figure 10C)

- (1) Install the tube (100).
- (2) Install the hose (96).
- (3) Install the flexible hose (95).
- (4) Install the hose clamps (90).
- (5) Install the spacer (85).
- (6) Install the loop clamp (70) with screw (75) and washer (80).
- (7) Install the loop clamp (55) with screw (60) and washer (65).
- (8) Install the loop clamps (40) with screw (45) and washer (50).
- (9) Install the spacer (35).
- (10) Install the loop clamp (20) with screw (25) and washer (30).
- (11) Install the air grill assembly (5) with screws (10) and washers (15).

SUBTASK 25-40-53-440-011-A01

L. Air Duct Installation (IPL Figure 10B)

- (1) Install the flexible hose (100).
- (2) Install the hose clamp (95).
- (3) Install the spacer (90).
- (4) Install the loop clamp (75) with screw (80A) and washer (85).
- (5) Install the spacer (70).
- (6) Install the loop clamp (55) with screw (60A) and washer (65).
- (7) Install the loop clamps (40) with screws (45A) and washers (50).
- (8) Install the spacer (35).
- (9) Install the loop clamp (20) with screw (25A) and washer (30).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (10) Install the air grill assembly (5) with screws (10) and washers (15).

SUBTASK 25-40-53-440-012-A01

M. Air Duct Installation (IPL Figure 10A)

- (1) Install the flexible hose (135).
- (2) Install the disconnect (130).
- (3) Install the hose clamps (125).
- (4) Install the loop clamps (105) with screws (110) and washers (115).
- (5) Install the spacers (120).
- (6) Install the flexible hose (100).
- (7) Install the hose clamp (95).
- (8) Install the spacer (90).
- (9) Install the loop clamp (75) with screw (80A) and washer (85).
- (10) Install the spacer (70).
- (11) Install the loop clamp (55) with screw (60A) and washer (65).
- (12) Install the loop clamps (40) with screws (45A) and washers (50).
- (13) Install the loop clamp (20) with screw (25A) and washer (30).
- (14) Install the spacer (35).
- (15) Install the air grill assembly (5) with screws (10) and washers (15).

SUBTASK 25-40-53-440-013-A01

N. Air Duct Installation (IPL Figure 10)

- (1) Install the air grill assembly (85) with screws (90) and washers (95).
- (2) Install the flexible hose (80).
- (3) Install the hose clamp (75A).
- (4) Install the spacer (65A).
- (5) Install the spacers (60).
- (6) Install the loop clamps (39) with screws (40), screws (45), screw (50), and washers (55).
- (7) Install the flexible hose (35).
- (8) Install the disconnect (30).
- (9) Install the hose clamps (25).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(10) Install the spacers (23).

(11) Install the loop clamps (20A) with screws (21) and washers (22).

SUBTASK 25-40-53-440-014-A01

O. Drop Ceiling Installation (IPL Figure 9)

(1) Assemble and install the drop ceiling assembly (-50) as follows:

(a) Assemble and install the drop ceiling panel assembly (195) as follows:

1 Install the panel (-215).

(b) Install the smoke detector (185A).

(c) Refer to REPAIR section to replace the bonded speaker grill (180).

(d) Install the BFE speaker (165A) with screws (170) and washers (175).

(e) Install the bracket (155) with the screws (160).

(f) Install the latch holders (140) with screws (145) and washers (150).

(g) Assemble the spring latch assemblies (-105) as follows:

1 Assemble and install the spring latch assembly (-135) as follows:

a Install the latch (-137).

2 Install the spring (130).

3 Install the spring latch (125).

4 Install the pin (120).

(h) Install the spring latch assemblies (-105) with screws (110) and washers (115).

(i) Refer to REPAIR section to replace the bonded backplates (101).

(j) Assemble the hinge assemblies (-65) as follows:

1 Install the half-hinge (100).

2 Install the half-hinge (95).

3 Install the bracket (90).

4 Install the rivets (-80).

5 Install the pin (75).

6 Install the drive screws (70).

(k) Install the hinge assemblies (-65) with screws (66).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (2) Install the screws (40).
- (3) Refer to REPAIR section to replace the bonded retainer assemblies (25A). Install the retainer assemblies (25A) with screws (30) and washers (35).
- (4) Install the lanyard (20A).
- (5) Install the quick-release pin (5A) with screw (10) and washer (15).

SUBTASK 25-40-53-440-015-A01

P. Waste Compartment Installation (IPL Figure 8)

- (1) Refer to REPAIR section to replace the bonded SB incorporation placards (-340 and -345).
- (2) Refer to REPAIR section to replace the bonded P-seal (-320A or 320C).
- (3) Refer to REPAIR section to replace the bonded seal (315).
- (4) Refer to REPAIR section to replace the bonded P-seal (-310A or 310C).
- (5) Install the angle closeout bracket (300) with screws (305).
- (6) Install the angle closeout bracket (290) with screws (295).
- (7) Install the bottom closeout plate (280) with screws (285).
- (8) Install the rubstrip (270) with screws (275).
- (9) Install the rubstrip (260) with screws (265).
- (10) Install the rubstrip assemblies (255).
- (11) Install the rubstrip assembly (250).
- (12) Install the closeout bracket assembly (235) with screws (240) and washers (245).
- (13) Install the closeout bracket assembly (220) with screws (225) and washers (230).
- (14) Install the closeout bracket assembly (205) with screws (210) and washers (215).
- (15) Install the top closeout plate (190) with screws (195) and washers (200).
- (16) Install the waste chute assembly (175) with screws (180) and washers (185).
- (17) Install the fire extinguisher (-155A or 155C) with screws (160), washers (165), and nuts (170).
- (18) Assemble the waste flap assembly (110) as follows:
  - (a) Install the waste welded flap assembly (-147).
  - (b) Install the half-hinge (145).
  - (c) Install the spring (135).
  - (d) Install the hinge pin (130).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (e) Install the drive screws (125).
- (19) Install the waste flap assembly (110) with screws (115) and washers (120).
- (20) Refer to REPAIR section to replace the bonded P-seals (-100A or 100C).
- (21) Install the rubstrip (90) with screws (95).
- (22) Install the rubstrip (80) with screws (85).
- (23) Install the striker (73) with screws (75).
- (24) Install the rubstrips (71).
- (25) Assemble the door assembly (5) as follows:
  - (a) Assemble and install the panel assembly (68) as follows:
    - 1 Install the panel (-70).
  - (b) Install the sensor temperature indicating (66A).
  - (c) Assemble the hinge assemblies (-40) as follows:
    - 1 Install the half-hinge (65).
    - 2 Install the half-hinge (60).
    - 3 Install the pin (55).
  - (d) Install the hinge assemblies (-40) with screws (45) and washers (50).
  - (e) Install the latch assembly (35A).
  - (f) Refer to REPAIR section to replace the bonded latch cover (-31).
  - (g) Install the latch cover (30).
  - (h) Install the screws (25).
  - (i) Install the rubstrip assembly (20A).
- (26) Install the door assembly (5) with screws (10) and washers (15).

SUBTASK 25-40-53-440-016-A01

Q. Service Door Installation (IPL Figure 7)

- (1) Install the access plate (145) with screws (150).
- (2) Install the closeout plate (130) with screws (135) and washers (140).
- (3) Install the strikers (125).
- (4) Install the stoppers (110) with screws (115) and washers (120).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (5) Refer to REPAIR section to replace the bonded backplates (105).
- (6) Assemble the service door assembly (5) as follows:
  - (a) Assemble and install the door panel assembly (100) as follows:
    - 1 Install the panel (-103).
  - (b) Install the magnetic catches (90).
  - (c) Install the plates (80) with screws (85).
  - (d) Install the paper roll shafts (75A).
  - (e) Refer to REPAIR section to replace the bonded toilet paper holder assembly (70). Assemble and install the toilet paper holder assembly (70) as follows:
    - 1 Refer to REPAIR section to replace the bonded plate (-72).
    - 2 Install the housing (-71).
  - (f) Refer to REPAIR section to replace the bonded backplates (65).
  - (g) Assemble the hinge assemblies (-20) as follows:
    - 1 Install the half-hinge (55) and hinge (60) with rivets (-61).
    - 2 Install the half-hinge (50).
    - 3 Install the drive screws (40).
    - 4 Install the hinge pin (35A).
  - (h) Install the hinge assemblies (-20) with screws (25) and washers (30).
- (7) Install the service door assembly (5) with screws (10) and washers (15).

SUBTASK 25-40-53-440-017-A01

R. Door Mirror Installation (IPL Figure 6A)

- (1) Install the eccentric stop (455) with screw (460).
- (2) Assemble the retainer assembly (420) as follows:
  - (a) Install the bracket (435) with nut (440), washer (445), and screw (450).
- (3) Install the retainer assembly (420) with screws (425) and washers (430).
- (4) Assemble the closeout panel assembly (-370) as follows:
  - (a) Install the panel assembly (410).
  - (b) Install the retainer (400) with screws (405).
  - (c) Install the angle bracket (385) with screws (390) and washers (395).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (5) Install the closeout panel assembly (-370) with screws (375) and washers (380).
- (6) Refer to REPAIR section to replace the bonded guide (365).
- (7) Refer to REPAIR section to replace the bonded guide (360).
- (8) Install the spacer (355).
- (9) Assemble the latch assembly (-270) as follows:
  - (a) Install the tube (350).
  - (b) Refer to REPAIR section to replace the bonded cap (345).
  - (c) Install the cotter pin (340).
  - (d) Install the pin (335).
  - (e) Install the washer (330).
  - (f) Install the spring (325).
  - (g) Install the bushing (320).
  - (h) Install the spring pin (315).
  - (i) Install the rod (310).
  - (j) Install the pin (305).
  - (k) Install the hook (300).
  - (l) Install the housing assembly (295).
  - (m) Install the screws (290A).
  - (n) Install the cover (285).
- (10) Install the latch assembly (-270) with screws (275) and washers (280).
- (11) Assemble the mirror door assembly (-140) as follows:
  - (a) Assemble and install the panel assembly (260) as follows:
    - 1 Install the panel (-265).
  - (b) Install the mirror (255).
  - (c) Refer to REPAIR section to replace the bonded tape (-254).
  - (d) Install the trim (245) with screws (250).
  - (e) Install the trim (235) with screws (240).
  - (f) Install the trim (225) with screws (230).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (g) Install the trim (215) with screws (220).
- (h) Install the hinge trim (205) with screws (210A).
- (i) Assemble and install the hinge assemblies (185) as follows:
  - 1 Install the half-hinge (-200).
  - 2 Install the bracket (-190) with rivets (-195).
- (j) Install the hinge pin (180).
- (k) Install the drive screws (175).
- (l) Install the bracket assembly (155) with screws (160), washers (165), and spacer (170).
- (12) Install the mirror door assembly (-140) with screws (145) and washers (150).
- (13) Install the retainer (125) with screws (130) and washers (135).
- (14) Assemble the mount bracket assemblies (95) as follows:
  - (a) Install the bracket (-120).
  - (b) Install the nutplates (-110) with rivets (-115).
- (15) Install the mount bracket assemblies (95) with screws (100) and washers (105).
- (16) Assemble the mount plate assembly (-50) as follows:
  - (a) Install the nutplates (90).
  - (b) Install the plate (80) with rivets (-85).
  - (c) Install the spring pin (75).
  - (d) Install the spacer (70).
  - (e) Install the bracket (60) with rivets (-65).
- (17) Install the mount plate assembly (-50) with screws (55).
- (18) Assemble and install the lens assembly (-5) as follows:
  - (a) Refer to REPAIR section to replace the bonded cap (45).
  - (b) Refer to REPAIR section to replace the bonded caps (40).
  - (c) Refer to REPAIR section to replace the bonded mount cap (35).
  - (d) Install the lens (30).
  - (e) Install the auto-lock pin (20) with rivets (-25A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (f) Install the spring clip (10) with rivets (-15).

SUBTASK 25-40-53-440-018-A01

S. Door Mirror Installation (IPL Figure 6)

- (1) Install the eccentric stop (440) with screw (445).
- (2) Assemble the retainer assembly (425) as follows:
  - (a) Install the bracket (436) with nut (437), washer (438), and screw (439).
- (3) Install the retainer assembly (425) with screws (430) and washers (435).
- (4) Assemble the closeout panel assembly (-350) as follows:
  - (a) Install the panel assembly (415).
  - (b) Refer to REPAIR section to replace the bonded air outlet trim assembly (410). Assemble and install the air outlet trim assembly (410) as follows:
    - 1 Install the screen (-413).
    - 2 Install the trim (-411) with rivets (-412).
  - (c) Install the blanking plate (405).
  - (d) Assemble the air outlet disconnect assembly (390) as follows:
    - 1 Install the disconnect (-402).
    - 2 Refer to REPAIR section to replace the bonded gasket (-401).
  - (e) Install the air outlet disconnect assembly (390) with screws (395) and washers (400).
  - (f) Install the retainer (380) with screws (385).
  - (g) Install the angle bracket (365) with screws (370) and washers (375).
- (5) Install the closeout panel assembly (-350) with screws (355) and washers (360).
- (6) Refer to REPAIR section to replace the bonded guide (345).
- (7) Refer to REPAIR section to replace the bonded guide (340).
- (8) Install the spacer (336).
- (9) Assemble the latch assembly (-250) as follows:
  - (a) Install the tube (335).
  - (b) Refer to REPAIR section to replace the bonded cap (330).
  - (c) Install the cotter pin (325).
  - (d) Install the pin (320A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (e) Install the washer (315A).
  - (f) Install the spring (310).
  - (g) Install the bushing (305).
  - (h) Install the spring pin (300).
  - (i) Install the rod (295).
  - (j) Install the pin (290).
  - (k) Install the hook (285).
  - (l) Install the housing assembly (280).
  - (m) Install the cover (270) with screws (275A).
- (10) Install the latch assembly (-250) with screws (255) and washers (260).
- (11) Assemble the mirror door assembly (-130) as follows:
- (a) Assemble and install the panel assembly (235) as follows:
    - 1 Install the panel (-245).
  - (b) Install the mirror (230).
  - (c) Refer to REPAIR section to replace the bonded tape (-229).
  - (d) Install the trim (220) with screws (225).
  - (e) Install the trim (210) with screws (215).
  - (f) Install the trim (200) with screws (205).
  - (g) Install the trim (190) with screws (195).
  - (h) Install the hinge trim (180) with screws (185A).
  - (i) Assemble and install the hinge assemblies (175) as follows:
    - 1 Install the half-hinge (-178).
    - 2 Install the bracket (-176) with rivets (-177).
  - (j) Install the hinge pin (170).
  - (k) Install the drive screws (165).
  - (l) Install the spacer (160).
  - (m) Install the bracket assembly (145) with screws (150) and washers (155).
- (12) Install the mirror door assembly (-130) with screws (135) and washers (140).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (13) Install the retainer (115) with screws (120) and washers (125).
- (14) Assemble the mount bracket assemblies (100) as follows:
  - (a) Install the bracket (-113).
  - (b) Install the nutplates (-111) with rivets (-112).
- (15) Install the mount bracket assemblies (100) with screws (105) and washers (110).
- (16) Assemble the mount plate assembly (-50) as follows:
  - (a) Install the steel nutplate (-95) and rivets (-96).
  - (b) Install the rivnut (-90).
  - (c) Install the plate (80).
  - (d) Install the spring pin (75).
  - (e) Install the tube (70).
  - (f) Install the mount bracket (60) with rivets (-65).
- (17) Install the mount plate assembly (-50) with screws (55).
- (18) Assemble and install the lens assembly (-5) as follows:
  - (a) Refer to REPAIR section to replace the bonded cap (45).
  - (b) Refer to REPAIR section to replace the bonded caps (40).
  - (c) Refer to REPAIR section to replace the bonded mount cap (35).
  - (d) Install the lens (30).
  - (e) Install the auto-lock pin (20) with rivets (-25A).
  - (f) Install the spring clip (10) with rivets (-15).

SUBTASK 25-40-53-440-019-A01

T. Amenity Box Installation (IPL Figure 5)

- (1) Assemble the amenity box assembly (45) as follows:
  - (a) Assemble and install the bonded structure assembly (120) as follows:
    - 1 Refer to REPAIR section to replace the bonded tissue box holder panel assembly (165). Assemble and install the tissue box holder panel assembly (165) as follows:
      - a Install the panel (-170).
    - 2 Refer to REPAIR section to replace the bonded panel assembly (155). Assemble and install the panel assembly (155) as follows:

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- a Install the panel (-160).
  - 3 Refer to REPAIR section to replace the bonded paper towel guide panel (150).
  - 4 Refer to REPAIR section to replace the bonded side panel (145).
  - 5 Refer to REPAIR section to replace the bonded side panel (140).
  - 6 Refer to REPAIR section to replace the bonded divider panel (135).
  - 7 Refer to REPAIR section to replace the bonded divider panel (130).
  - 8 Refer to REPAIR section to replace the bonded side wall panel (125).
- (b) Assemble the bracket assemblies (105) as follows:
  - 1 Install the bracket (-113).
  - 2 Install the nutplate (-111) with rivets (-112).
- (c) Install the bracket assemblies (105) with screws (110A).
- (d) Assemble the lens assembly (95) as follows:
  - 1 Refer to REPAIR section to replace the bonded mounting caps (103).
  - 2 Refer to REPAIR section to replace the bonded caps (102).
  - 3 Install the lens (101).
- (e) Install the lens assembly (95) with screws (100).
- (f) Assemble the light bracket assemblies (85) as follows:
  - 1 Install the bracket (-94).
  - 2 Install the nutplate (-92) with rivets (-93A).
- (g) Install the light bracket assemblies (85) with screws (90) and washers (91).
- (h) Assemble the bracket assembly (75) as follows:
  - 1 Install the bracket (-83).
  - 2 Install the catches (-81) with rivets (-82).
- (i) Install the bracket assembly (75) with screws (80A).
- (j) Install the mounting brackets (60) with screws (65) and washers (70).
- (2) Install the amenity box assembly (45) with screws (50) and washers (55).
- (3) Install the paper holder bracket (20) with screws (25), screw (30A), washer (35A), and washers (40A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (4) Install the paper holder bracket (5) with screws (10) and washers (15).

SUBTASK 25-40-53-440-020-A01

U. Plumbing Installation (IPL Figure 4A)

- (1) Install the silicone seal (250).
- (2) Install the drain hose (245).
- (3) Install the clamp stand-off (240).
- (4) Install the loop clamp (225) with screw (230) and washer (235A).
- (5) Install the tube assembly (220).
- (6) Install the drain hose (215).
- (7) Install the hose clamps (210).
- (8) Install the reducer (205).
- (9) Install the drain hose (200).
- (10) Install the clamp stand-off (195).
- (11) Install the loop clamp (180) with screw (185) and washer (190A).
- (12) Install the hose clamps (175).
- (13) Install the flare tube elbow (170).
- (14) Install the clamp stand-off (165).
- (15) Install the loop clamp (150) with screw (155) and washer (160A).
- (16) Install the muffler assembly (145).
- (17) Install the drain hose (140).
- (18) Install the hose clamps (135).
- (19) Install the drain hose (130).
- (20) Install the hose clamps (125).
- (21) Install the water heater (120).
- (22) Install the spacers (115).
- (23) Install the water filter clamp assembly (100) with screws (105) and washers (110A).
- (24) Install the hose assembly (95).
- (25) Install the elbows (90).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (26) Assemble and install the faucet and drain assembly (-85A) in accordance with SUBTASK 25-40-53-440-002-A01. Install the water faucet assembly (85) or faucet and drain assembly (-85A).
- (27) Install the adapter (80).
- (28) Install the bracket (65) with screws (70) and washers (75A).
- (29) Install the shut-off valve (55) with nylon washer (60).
- (30) Install the adapter (50).
- (31) Install the hose assembly (45).
- (32) Install the clamp stand-off (40).
- (33) Install the loop clamp (25) with screw (30) and washer (35A).
- (34) Install the clamp stand-off (20).
- (35) Install the loop clamp (5) with screw (10) and washer (15A).

SUBTASK 25-40-53-440-021-A01

V. Plumbing Installation (IPL Figure 4)

- (1) Install the silicone seal (255).
- (2) Install the bracket assembly (240) with screws (245) and washers (250).
- (3) Install the bracket assembly (225) with screws (230) and washers (235).
- (4) Install the heated hose assembly (220).
- (5) Install the heated hose assembly (215).
- (6) Install the spacer (213).
- (7) Install the spacer (210).
- (8) Install the loop clamps (200 and 205) with screws (206), screw (207), screw (208), and washers (209).
- (9) Install the elbow (180).
- (10) Install the flare tube elbow (175).
- (11) Install the drain hose (170).
- (12) Install the tube assembly (165).
- (13) Install the drain hose (160 or -160A).
- (14) Install the drain hose (155 or -155A).
- (15) Install the hose clamps (150).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (16) Install the muffler assembly (145).
- (17) Install the spacer (140A).
- (18) Install the loop clamp (135) with screw (137) and washer (138).
- (19) Install the drain hose (120).
- (20) Install the hose clamps (115).
- (21) Install the water heater (110).
- (22) Install the spacers (106A).
- (23) Assemble the water filter clamp assembly (85) as follows:
  - (a) Install the clamp support (-105).
  - (b) Install the clamp hose (100 or -100A).
- (24) Install the water filter clamp assembly (85) with screws (90) and washers (95).
- (25) Install the bracket (70) with screws (75) and washers (80).
- (26) Install the hose assembly (65).
- (27) Install the hose assembly (60).
- (28) Install the elbows (55).
- (29) Install the water faucet assembly (50).
- (30) Install the adapter (45).
- (31) Install the shut-off valve (40).
- (32) Install the nylon washer (35).
- (33) Install the adapter (30).
- (34) Install the spacers (27).
- (35) Install the spacers (25).
- (36) Install the loop clamps (15 and 20) with screws (22) and washers (23).

SUBTASK 25-40-53-440-022-A01

W. Electrical Installation (IPL Figure 3A)

- (1) Install the wire harness assembly (380).
- (2) Install the wire harness assembly (375).
- (3) Install the wire harness assembly (370).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (4) Refer to REPAIR section to replace the bonded placard (-365).
- (5) Refer to REPAIR section to replace the bonded placard (360).
- (6) Refer to REPAIR section to replace the bonded placard (355).
- (7) Refer to REPAIR section to replace the bonded placard (350).
- (8) Refer to REPAIR section to replace the bonded placard (345).
- (9) Refer to REPAIR section to replace the bonded placard (340).
- (10) Install the nut (-335).
- (11) Install the washers (-330).
- (12) Refer to REPAIR section to replace the bonded grommets (320).
- (13) Refer to REPAIR section to replace the bonded grommets (-315).
- (14) Refer to REPAIR section to replace the bonded grommets (310).
- (15) Refer to REPAIR section to replace the bonded grommets (305).
- (16) Refer to REPAIR section to replace the bonded cable tie mount (-300).
- (17) Install the cable tie (295A).
- (18) Install the loop clamps (270 thru 280) with the screws (285) and washers (290).
- (19) Install the self-locking nuts (265).
- (20) Install the washers (260).
- (21) Install the screws (255).
- (22) Install the bracket (240) with screws (245) and washers (250).
- (23) Refer to REPAIR section to replace the bonded placard (235).
- (24) Install the toggle switch (230).
- (25) Refer to REPAIR section to replace the bonded placard (225).
- (26) Install the lavatory occupied sign (210A) with screws (215) and washers (220).
- (27) Refer to REPAIR section to replace the bonded placard (205).
- (28) Assemble the bracket assembly (170) as follows:
  - (a) Install the bracket (-200).
  - (b) Install the spacer (-195).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (c) Refer to REPAIR section to replace the bonded plate (-185). Install the plate (-185) with rivets (-190).
- (29) Install the bracket assembly (170) with screws (175) and washers (180).
- (30) Assemble and install the flush handle assembly (155) as follows:
  - (a) Install the socket set screw (-165).
  - (b) Install the handle (-160).
- (31) Refer to REPAIR section to replace the bonded placard (-150).
- (32) Install the attendant call light (145).
- (33) Refer to REPAIR section to replace the bonded placard (140A).
- (34) Install the passenger service panel assembly (-135).
- (35) Refer to REPAIR section to replace the bonded placard (130).
- (36) Refer to REPAIR section to replace the bonded placard (125).
- (37) Install the links (120).
- (38) Install the terminal board assembly (115) with the screws (117) and the washers (118).
- (39) Refer to REPAIR section to replace the bonded placard (-110).
- (40) Install the spacers (105).
- (41) Install the mounting clips (95) with screws (100).
- (42) Install the LED strips (90).
- (43) Refer to REPAIR section to replace the bonded placard (-85).
- (44) Refer to REPAIR section to replace the bonded placard (-80).
- (45) Refer to REPAIR section to replace the bonded placard (75).
- (46) Install the relay bracket (60) with screws (65) and washers (70).
- (47) Refer to REPAIR section to replace the bonded placard (55).
- (48) Install the PCB guide brackets (40) with screws (45) and washers (50).
- (49) Install the PCB card guide (35).
- (50) Install the sturdipost spacers (30).
- (51) Install the circuit board cover (15) with screws (20) and stand-offs (25).
- (52) Install the PSU PCB assembly (10).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(53) Install the wire harness assembly (5).

SUBTASK 25-40-53-440-023-A01

X. Electrical Installation (IPL Figure 3)

- (1) Install the splice (-740).
- (2) Install the wire harness assembly (730).
- (3) Install the wire harness assembly (700).
- (4) Install the wire harness assembly (-665).
- (5) Install the wire harness assembly (650).
- (6) Install the wire harness assembly (640).
- (7) Install the wire harness assembly (625).
- (8) Install the flexible tubing (622).
- (9) Install the cable tie (621).
- (10) Install the wire harness assembly (445, -445A, or -445B).
- (11) Refer to REPAIR section to replace the bonded placard (-440).
- (12) Refer to REPAIR section to replace the bonded placard (435).
- (13) Refer to REPAIR section to replace the bonded placard (430).
- (14) Refer to REPAIR section to replace the bonded placard (425).
- (15) Refer to REPAIR section to replace the bonded placard (420).
- (16) Refer to REPAIR section to replace the bonded placard (415).
- (17) Refer to REPAIR section to replace the bonded grommets (413).
- (18) Refer to REPAIR section to replace the bonded grommets (410A).
- (19) Refer to REPAIR section to replace the bonded grommets (405A).
- (20) Refer to REPAIR section to replace the bonded grommets (400A).
- (21) Install the lock nuts (395).
- (22) Install the washers (390).
- (23) Install the screws (385A).
- (24) Refer to REPAIR section to replace the bonded cable tie mount (-380A).
- (25) Install the cable tie (-375).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (26) Install the loop clamps (360, 365, and 370) with screws (372) and washers (373A).
- (27) Install the connector bracket (335) with screws (340) and washers (345).
- (28) Refer to REPAIR section to replace the bonded placard (330).
- (29) Install the power switch (325).
- (30) Refer to REPAIR section to replace the bonded placard (320).
- (31) Install the lavatory occupied sign (305) with screws (310A) and washers (315).
- (32) Refer to REPAIR section to replace the bonded placard (250).
- (33) Assemble the mounting bracket assembly (235) as follows:
  - (a) Install the bracket (-249).
  - (b) Install the spacer (-248).
  - (c) Refer to REPAIR section to replace the bonded plate (-246). Install the plate (-246) with rivets (-247).
- (34) Install the mounting bracket assembly (235) with screws (240) and washers (245).
- (35) Assemble and install the flush handle assembly (230) as follows:
  - (a) Install the socket set screw (-232).
  - (b) Install the handle (-231).
- (36) Refer to REPAIR section to replace the bonded placard (225).
- (37) Install the attendant call switch (220).
- (38) Refer to REPAIR section to replace the bonded placard (215).
- (39) Install the passenger service panel assembly (-175).
- (40) Refer to REPAIR section to replace the bonded placard (170).
- (41) Refer to REPAIR section to replace the bonded placard (165).
- (42) Install the links (155A).
- (43) Install the terminal board assembly (150).
- (44) Refer to REPAIR section to replace the bonded placard (145).
- (45) Refer to REPAIR section to replace the bonded placard (140).
- (46) Refer to REPAIR section to replace the bonded placard (135).
- (47) Install the lock washer (134).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (48) Install the washers (133).
- (49) Install the screw (132).
- (50) Install the light carriers (115A or -115B) with screws (120A), washers (125), and lock washers (130).
- (51) Install the fluorescent lights (110 or -110A).
- (52) Refer to REPAIR section to replace the bonded placard (105).
- (53) Install the relay bracket (90) with screws (95B) and washers (100B).
- (54) Install the DC ballast (78A) with screws (80B) and washers (85).
- (55) Refer to REPAIR section to replace the bonded placard (77).
- (56) Install the bracket (65) with screws (70A) and washers (75A).
- (57) Refer to REPAIR section to replace the bonded placard (50).
- (58) Install the washers (45).
- (59) Install the screws (40).
- (60) Install the PCB guide brackets (35).
- (61) Install the PCB card guide (30).
- (62) Install the sturdi-post spacers (25).
- (63) Install the stand-offs (20).
- (64) Install the circuit board cover (10) with screws (15).
- (65) Install the PSU PCB assembly (5).

SUBTASK 25-40-53-440-024-A01

Y. Bonded Structure Assembly (IPL Figure 2)

- (1) Refer to REPAIR section to replace the bonded aft panel assembly (315).
- (2) Refer to REPAIR section to replace the bonded bottom panel assembly (310).
- (3) Refer to REPAIR section to replace the bonded lower compartment panel assembly (305).
- (4) Refer to REPAIR section to replace the bonded service compartment panel assembly (300).
- (5) Refer to REPAIR section to replace the bonded mirror divider panel assembly (295).
- (6) Refer to REPAIR section to replace the bonded ceiling outboard panel assembly (290 or -290A).
- (7) Refer to REPAIR section to replace the bonded mirror divider panel assembly (285).
- (8) Refer to REPAIR section to replace the bonded bottom support panel assembly (280 or -280A).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (9) Refer to REPAIR section to replace the bonded middle closeout panel assembly (275).
- (10) Refer to REPAIR section to replace the bonded inboard panel assembly (265, -265A, or -265B).
- (11) Refer to REPAIR section to replace the bonded forward panel assembly (255, -255A, -255B, or -255C).
- (12) Refer to REPAIR section to replace the bonded spacer (250).
- (13) Refer to REPAIR section to replace the bonded spacer (245).
- (14) Refer to REPAIR section to replace the bonded spacer (240).
- (15) Refer to REPAIR section to replace the bonded grommets (235).
- (16) Refer to REPAIR section to replace the bonded doublers (230).
- (17) Refer to REPAIR section to replace the bonded doubler (220). Install the doubler (220) with screws (225).
- (18) Refer to REPAIR section to replace the bonded spacers (215).
- (19) Refer to REPAIR section to replace the bonded brackets (200). Install the brackets (200) with screws (205) and washers (210).
- (20) Refer to REPAIR section to replace the bonded stab-in extrusion assembly (195).
- (21) Refer to REPAIR section to replace the bonded stab-in extrusion assembly (190).
- (22) Refer to REPAIR section to replace the bonded stab-in extrusion assembly (185).
- (23) Refer to REPAIR section to replace the bonded fitting doubler (180).
- (24) Install the fitting bracket (170) with screws (175).
- (25) Refer to REPAIR section to replace the bonded doubler (150). Install the doubler (150) with screws (155), screws (160), and washers (165).
- (26) Refer to REPAIR section to replace the bonded closeout trim (145).
- (27) Refer to REPAIR section to replace the bonded angle bracket (125). Install the angle bracket (125) with screws (130), screws (135), and washers (140).
- (28) Refer to REPAIR section to replace the bonded angle bracket (110). Install the angle bracket (110) with screws (115) and washers (120).
- (29) Refer to REPAIR section to replace the bonded angle bracket (105).
- (30) Refer to REPAIR section to replace the bonded doublers (100).
- (31) Install the spacer (90) with screws (95).
- (32) Refer to REPAIR section to replace the bonded doublers (85).
- (33) Install the spacer (75) with screws (80).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (34) Install the spacer (65) with screws (70).
- (35) Refer to REPAIR section to replace the bonded floor fitting doubler (55). Install the floor fitting doubler (55) with screws (60A).
- (36) Refer to REPAIR section to replace the bonded floor fitting doubler (50).
- (37) Install the insulating sheet (45).
- (38) Install the floor fitting (35) with screws (40).
- (39) Refer to REPAIR section to replace the bonded floor fitting doubler (25). Install the floor fitting doubler (25) with screws (30).
- (40) Refer to REPAIR section to replace the bonded floor fitting doubler (20).
- (41) Install the insulating sheet (15).
- (42) Install the floor fitting (5) with screws (10).

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-400-802-A01

3. Installation Procedure of Mounting Hardware of Flush Switch Assembly

- A. Get access to Lavatory Assembly. See Figure 7001, Detail A.
- B. Open the Waste Compartment Door Assembly. See Figure 7001, Detail B.
- C. Remove and retain the existing Closeout Plate with its attaching parts. See Figure 7001, Detail D.
- D. Remove and retain the Handle Assembly (PN 9341258-1) with its attaching part. See Figure 7001, Detail C.
- E. Locate the Rotary Switch - Wire Harness Assembly (PN 9341701-513) which is installed inside the Waste Compartment. See Figure 7001, Detail C.
- F. Remove and retain Bracket Assembly (PN 9341379-501) with its attaching parts and with the Rotary Switch - Wire Harness Assembly (PN 9341701-513). See Figure 7001, Detail C.
- G. Do the Visual Inspection to make sure that the found condition of installation for Mounting Hardware of Rotary Switch, as follows:

- (1) If the found condition of installation complied to Figure 7002, Detail A, no corrective action is required.

NOTE: Make sure that the Key Washer is locked into small pilot hole of the bracket and check the Rotary Switch cannot be rotated.

- (2) If the found condition of installation did not comply to Figure 7002, Detail A, proceed procedure as described in paragraph 3.H to correct installation.

NOTE: Disassemble all mounting hardwares of Rotary Switch and install correctly according to paragraph 3.H.

H. Installation Procedure of Mounting Hardware of Flush Switch

NOTE: See Figure 7002, Details A thru D to install the parts correctly and in sequence.

- (1) Install and tighten Hex Nut (PN MS25082-20) onto the Rotary Switch. See Figure 7002, Detail A.

NOTE: Tighten nut until it contacts the seal of rotary switch. Do not overtighten the nut, it can cause damage of the seal.

NOTE: Make sure that the Hex Nut covers the seal of Rotary Switch.

- (2) Install the Key Washer (PN 00204-9603) in correct position. See Figure 7002, Details A and B.
- (3) Install the Rotary Switch - Wire Harness Assembly (PN 9341701-513) to the Bracket Assembly (PN 9341379-501). See Figure 7002, Details A and B.

NOTE: Make sure that the Key Washer is locked into small pilot hole of the bracket and check the Rotary Switch cannot be rotated.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

(4) Install the Tooth Lock Washer (PN MS35333) on the other side of the Bracket Assembly. See Figure 7002, Details A and D.

(5) Install and tighten Hex nut (PN MS25082-20). See Figure 7002, Details A and D.

**NOTE:** Apply 15 in-lb max for Torque.

(6) Reinstall the Bracket Assembly (PN 9341379-501) with its attaching parts and with Rotary Switch - Wire Harness Assembly (PN 9341701-513) into hole cutout of the Bezel Assembly (PN 9341260-501). See Figure 7001, Detail C.

**NOTE:** Make sure that there is no gap between the Bracket Assembly and Panel.

(7) Reinstall the Handle Assembly (PN 9341258-1) with its attaching part to the shaft of the Switch. See Figure 7001, Detail C.

**NOTE:** Make sure that the distance between the switch shaft and bezel surface is 0.3 in (0.76 cm) minimum.

(8) Tighten Socket Set Screw (PN AN565A4H7) and apply adhesive Loctite 271 (Red) onto Set Screw of the Handle Assembly for thread lock. See Figure 7002, Detail A.

(9) Test the Handle Assembly to make sure that the Handle is not getting loose.

(10) Push down and release the Handle Assembly and see that the Handle is back to original position.

(11) Reinstall the Closeout Plate with its attaching parts. See Figure 7001, Detail D.

(12) Close the Waste Compartment Door Assembly. See Figure 7001, Detail B.

Tools and Materials  
Table 7001/TABLE 25-40-53-940-008-A01

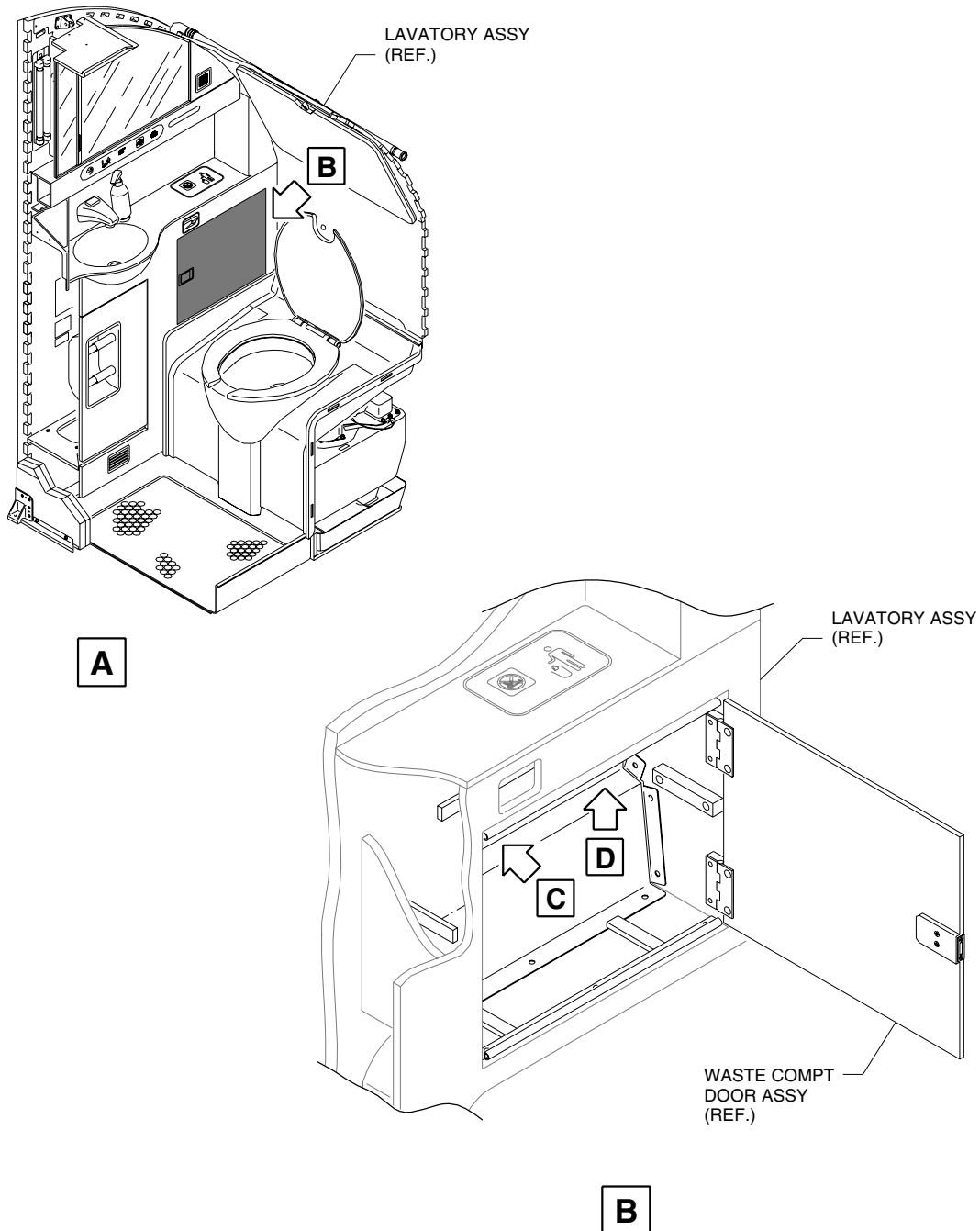
Description	Part or Specification Number	Source (CAGE)*
Adhesive	Loctite 271 (Red)	Henkel Corp. (V1N6B3)
Pneumatic wrench or equivalent tool	-	Commercial Available
* Refer to the IPL, paragraph 6, for the address.		

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Part List - Mounting Hardware of Flush Switch  
Table 7002/TABLE 25-40-53-820-001-A01

Description	Part Number	Qty
Hex-Nut *	MS25082-20	02
Key Washer *	00204-9603	01
Tooth Lock Washer *	MS35333	01
* Part is supplied by Cole Instrument Corp. (V31946). Refer to the IPL, paragraph 6, for the address.		

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



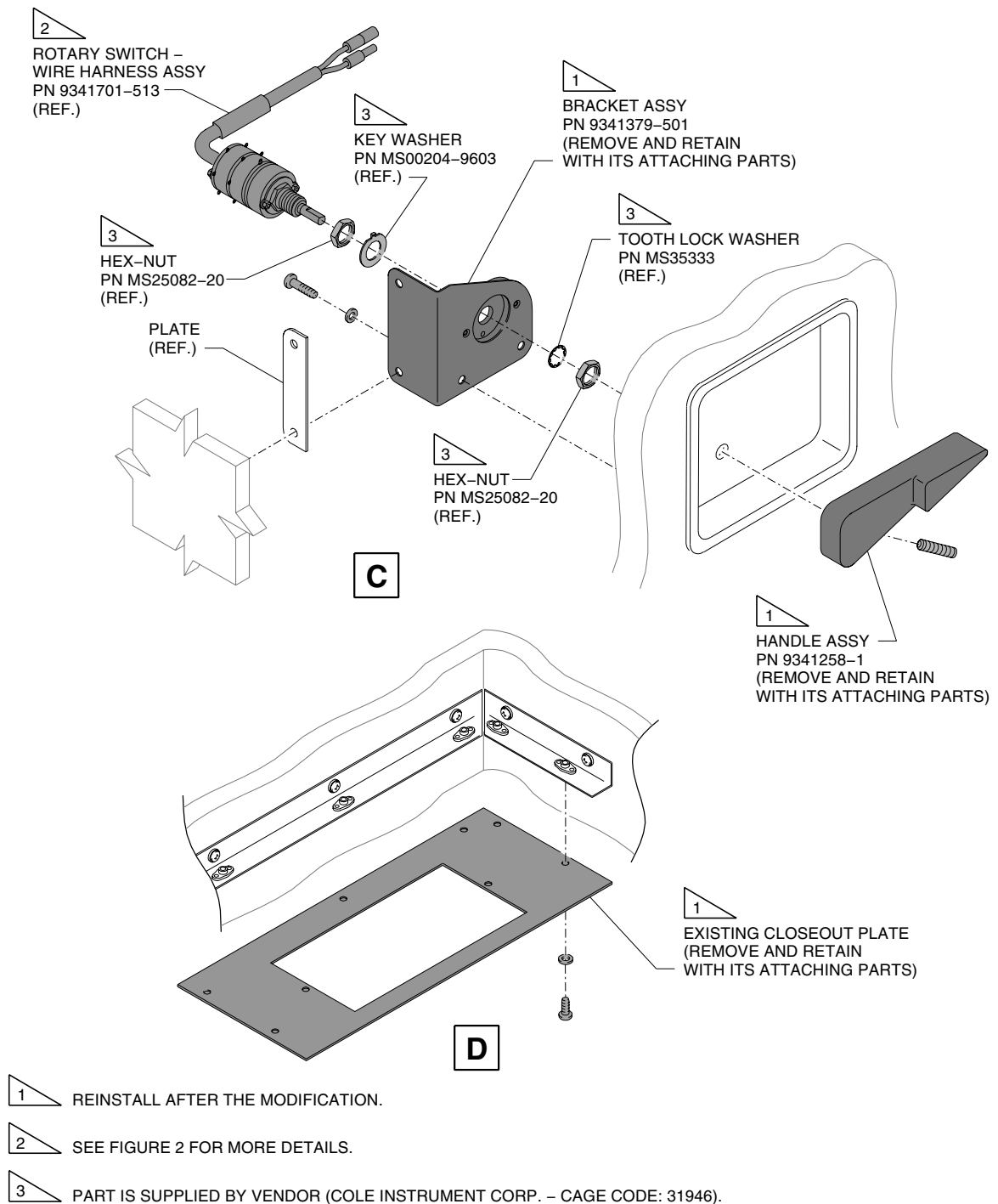
2540537001 01

Access of Mounting Hardware of Flush Switch  
(Sheet 1 of 2)  
Figure 7001/GRAPHIC 25-40-53-820-001-A01

**25-40-53**

Page 7040  
Apr 12/23

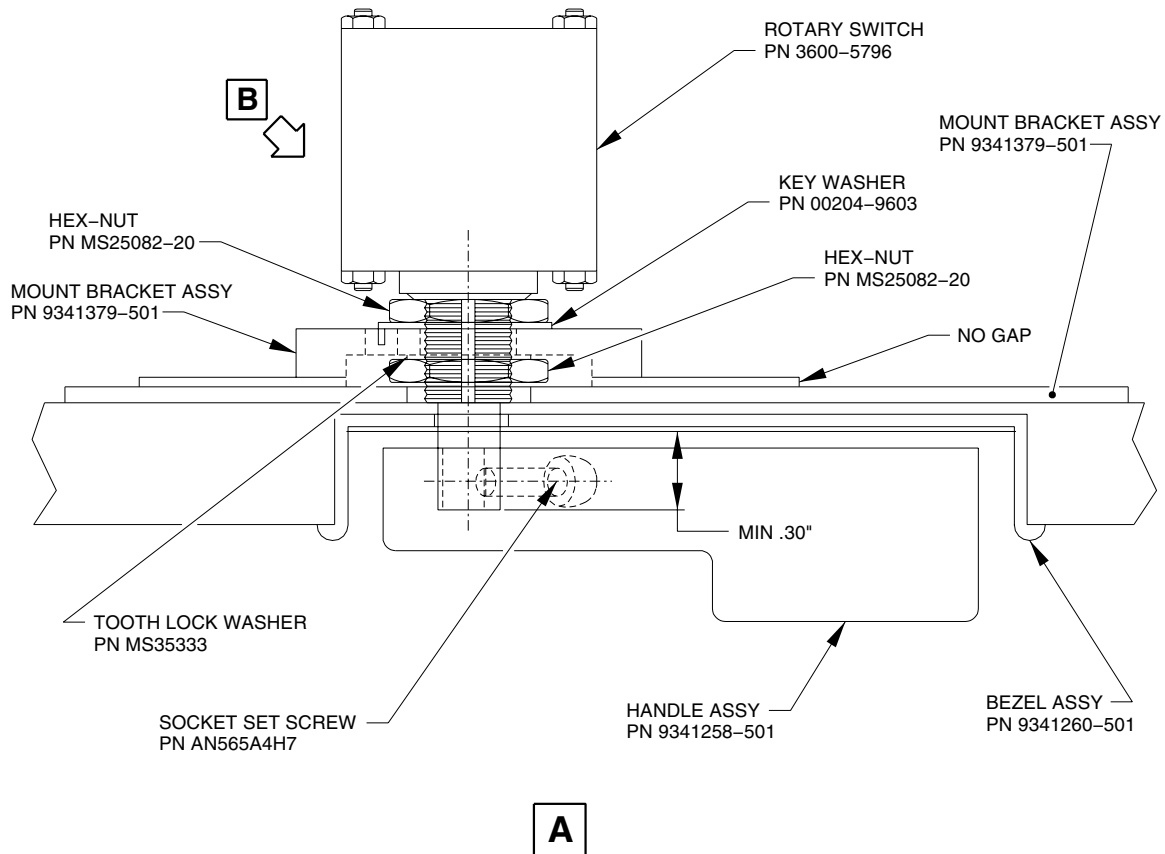
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Access of Mounting Hardware of Flush Switch  
(Sheet 2 of 2)  
Figure 7001/GRAPHIC 25-40-53-820-001-A01

# 25-40-53

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



254053700201

## Installation Procedure of Mounting Hardware of Flush Switch (Sheet 1 of 2)

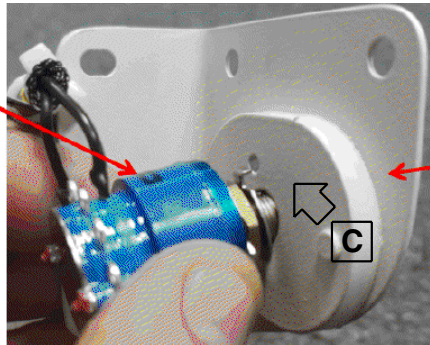
Figure 7002/GRAPHIC 25-40-53-820-002-A01

**25-40-53**

Page 7042  
Apr 12/23

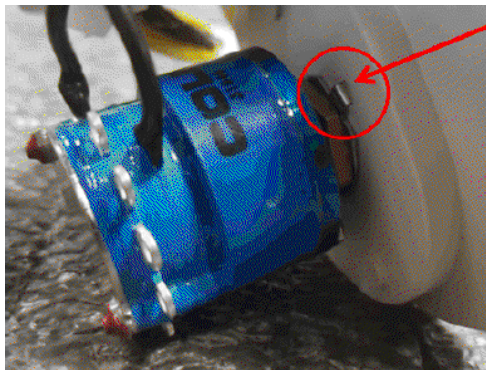
COMPONENT MAINTENANCE MANUAL  
A412001/K042702

9341701-513, WIRE HARNESS ASSY,LAV.



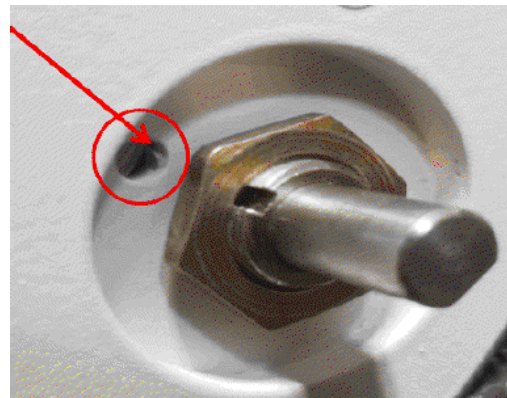
9341379-501, BRACKET ASSY

**B**



**D**

**C**



**D**

254053700202

Installation Procedure of Mounting Hardware of Flush Switch  
(Sheet 2 of 2)

Figure 7002/GRAPHIC 25-40-53-820-002-A01

**25-40-53**

Page 7043  
Apr 12/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES

TASK 25-40-53-99F-016-A01

1. General

The recommended special tools, fixtures, and test equipment for the Lavatory Assembly are given in Table 9001. The recommended consumables for the Lavatory Assembly are given in Table 9002.

NOTE: Equivalent items can be used.

Special Tools, Fixtures, and Equipment  
Table 9001/TABLE 25-40-53-94B-001-A01

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
115VAC Power Supply	Model with three phases, 400Hz, 20kVA	Commercially Available	Testing and Fault Isolation.
Phase Sequence Indicator	Model psi-8031	AWS Industries Inc. (Tomak Precision) (V2W138)	Testing and Fault Isolation.
Micro-ohmmeter	Model 5600	AEMC Instruments (V07BQ3)	Testing and Fault Isolation.
Test Console	PN 9341710-501	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
Test Jumper Harness	PN 9341710-601	Safran Cabin Inc. (V56135)	Testing and Fault Isolation.
Stereo Amplifier	Realistic or Olympus, model SA-155	Commercially Available	Testing and Fault Isolation.
Digital Multimeter	— — —	Commercially Available	Testing and Fault Isolation.
Sweep/Function Generator	— — —	Commercially Available	Testing and Fault Isolation.
28VDC Power Supply	Minimum of 5A of load current supply capability or equivalent	Commercially Available	Testing and Fault Isolation.
Digital Multimeter / Voltmeter	100kHz Bandwidth	Commercially Available	Testing and Fault Isolation.
Guide Tool	SLT 600G**	Shur-Lok Company (V97393)	To install potted inserts.
Protective eyewear or safety goggles	— — —	Commercially Available	Cleaning.
Plastic Blade Scraper or Spatula	— — —	Commercially Available	Cleaning.
Vacuum	125 CFM (or equivalent)	Cleva North America (V70A87)	Cleaning / Repair.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Special Tools, Fixtures, and Equipment  
Table 9001/TABLE 25-40-53-94B-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
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.
<p><b>* Refer to the IPL, paragraph 6, for the address.</b></p> <p><b>** 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.</b></p>			

Consumables  
Table 9002/TABLE 25-40-53-94A-001-A01

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Apron	— — —	Commercially Available	Cleaning.
Cotton Cloths (lint-free) (clean and dry)	— — —	Commercially Available	Cleaning.
Rubber Gloves or Latex	— — —	Commercially Available	Cleaning.
Soft-bristled brush	NSN 0038	Industries For The Blind And Visually Impaired, Inc. (V9U362)	Cleaning.
Solvent, cleaning Adhesive removal	Acetone CAS No. 67-64-1	Commercially Available	Cleaning.
<p><b>* Refer to the IPL, paragraph 6, for the address.</b></p>			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Solvent, cleaning Adhesive removal	MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261) (metal parts only)  BRULIN 815MX  CALLA 301-A LEMON	Commercially Available  Brulin Holding Company, Inc. (V94058)  Andpak-Ema, Inc. Calla Chemical (V68491)	Cleaning.
General overall surface cleaning (including decor) (Mild Detergents)	Mild household detergent  BRULIN 815MX  CALLA 301-A LEMON	Commercially Available  Brulin Holding Company, Inc. (V94058)  Andpak-Ema, Inc. Calla Chemical (V68491)	Cleaning.
Metal cleaning	Solvent, Federal Specification P-D-680, Type III  MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261) (metal parts only)  BRULIN 815MX  CALLA 301-A LEMON  Sodium Bicarbonate NaHCO <sub>3</sub> CAS No. 144-55-8	Optional  Commercially Available  Brulin Holding Company, Inc. (V94058)  Andpak-Ema, Inc. Calla Chemical (V68491)  Commercially Available	Cleaning.
Metal Preservation, Corrosion Inhibitors/Cleaners	VCI-416 Cleaner Corrosion Inhibitor  Corwipe 300	Cortec Corp. (V44695)  Cortec Corp. (V44695)	Cleaning.
Sponges (clean and dry)	Non-Scratch Scrub Sponge (Scotch-Brite)	3M Company (V04963)	Cleaning.
Spray bottles	— — —	Commercially Available	Cleaning.
* Refer to the IPL, paragraph 6, for the address.			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Plastic Cleaner	Windex Plastic Cleaner with Polymethylsiloxane	Commercially Available	Cleaning.
Solvents - outside surfaces	Isopropyl Alcohol CAS No. 67-63-0	Commercially Available	Cleaning.
	Acetone CAS No. 67-64-1	Commercially Available	
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	3M Company (V04963)	Repair.
	Ultra Fine Hand Pad 7448	3M Company (V04963)	
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: Decor Bonding adhesive	Scotch-Weld™ #30 (Formerly Fast-Bond™ #30)  Scotch-Weld™ #30 NF (Formerly Fast-Bond™ #30-NF)	3M Company (V04963)  3M Company (V04963)	Repair.
* Refer to the IPL, paragraph 6, for the address.			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Edge Wrap	Aerobond 1801 Aquabind	Aerocell Corp. (V1SX35) Alternative Materials Tech Inc. (Akzo Nobel Coatings) (V0ZXD0)	Repair.
Sealant/Adhesive (stainless steel)	DEVCON Aluminum Filled Epoxy Per MMM-A-132 Type I or equivalent (Loctite) HYSOL EA 9394 NA Adhesive or equivalent	ITW Polymers Adhesives NA (V0RZG3)  Henkel Corp. (V1N6B3)	Repair.
Adhesives	Epibond 1210-A (Resin) 9615-B (Hardener) Epibond 1559-1 A/B Epocast 1618 D/B Epocast 1628 A/B  L-301-A/B  Versilok 506 Accelerator #4  Scotch-Weld™ #5 (Formerly Scotch-Grip #5)  DP420 DP190 EC-3524	Huntsman Advanced Materials GmbH (V1532N)      Cytec Industries Inc. (Solvay Group) (V0V7G8)  Lord Corporation Chemical Products DIV (V30676)  3M Company (V04963)  3M Company (V04963)	Repair.
Fill and Fair Compounds, Polyester Based	Akemi #7 Standard Filler  Akemi #4 Faster Version  Micro-Ultra Filler #15-3  Fire Retardant Reducer #15-3	AXSON North America, Inc. (Sika Advanced Resins) (V3VPY6)  AXSON North America, Inc. (Sika Advanced Resins) (V3VPY6)  Adtech Plastic Systems Corp., Inc. (V09AU0)  Adtech Plastic Systems Corp., Inc. (V09AU0)	Repair.
* Refer to the IPL, paragraph 6, for the address.			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Fill and Fair Compounds, Epoxy Based	Araldite 252, 2-part Paste Adhesive Filler DP110	Huntsman Advanced Materials GmbH (V1532N) 3M Company (V04963)	Repair.
Edge Fill	L-306  Magnolia Plastics 128-135 A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)  Magnolia Advanced Materials Inc. (V22121)	Repair.
Potting Compound	L-318 Kit Form  Epibond 1559-1 A/B Epibond 420 or Redux 420 Epocast 1618 D/B Epocast 89670-A/B 1631-A/B 1632-A/B  Magnobond 92-1 A/B  DP420  Polystrate #14270 - 5 min epoxy  EY-3009 A/B or EY-3010 A/B 7160 A/B 7176  Aerobond 1507-A/B or 1508-A/B Aerofill 1504-A/B  DAPCO 3040-A/B	Cytec Industries Inc. (Solvay Group) (V0V7G8)  Huntsman Advanced Materials GmbH (V1532N)      Magnolia Advanced Materials Inc. (V22121)  3M Company (V04963)  ITW Polymers Adhesives NA (V0RZG3)  H.B. Fuller North America (V26348)   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)	Cytec Industries Inc. (Solvay Group) (V0V7G8)	Repair.
* Refer to the IPL, paragraph 6, for the address.			

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>	<b>Use</b>
Core Sealer-Edge Seal, Epoxy Based	DAPCO 3008 A/B DAPCO 3303 Magnolia 85-3 A/B	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.
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 Top Coat 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.
<b>* Refer to the IPL, paragraph 6, for the address.</b>			

**COMPONENT MAINTENANCE MANUAL**  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>	<b>Use</b>
Organic Epoxy Mastic Coating - Top Coat	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)  MIL-P-23377 primer Ty II CIC MIL-T-81772B REDUCER (Yellow Primer)	Courtaulds Aerospace (PPG Aerospace) (V05027)  Dexter Corporation Polymer System (V1JB33)  Courtaulds Aerospace (PPG Aerospace) (V05027)  Courtaulds Aerospace (PPG Aerospace) (V05027)  C&C Ventures LLC (Randolph Products Company) (V77672)  C&C Ventures LLC (Randolph Products Company) (V77672)	Repair.
Top Coats:	#442-3 (GLOSS COLOR) #X-304 CATALYST  #453-3 (FLAT COLOR) #CA-118 CATALYST  #980- (GLOSS COLOR) #982- (SEMI-GLOSS)  Sher Will Enamel F63 or H99 V66V29 catalyst. R7KB29 or R7K84 or R99KY29 (REDUCER)  (03Y091) Top Coat (03Y091) Catalyst MIL-T-81772 Type I Reducer  MIL-PRF-85285C, Type I Polyurethane	Bostik Inc. (Arkema) (V5W425)  Bostik Inc. (Arkema) (V5W425)  WLS Coatings, Inc. (V0YY71)  Sherwin-Williams Company (V1JRP1)  Deft, Inc. (PPG Aerospace) (V33461)  Deft, Inc. (PPG Aerospace) (V33461)	Repair.
* Refer to the IPL, paragraph 6, for the address.			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

Nomenclature	Part or Specification Number	Source (CAGE)*	Use
Top Coats:	#343-55 (Filler) #345-15 (Hardener) #346-65 (Top Coat) #345-65 (Hardener)	Mankiewicz GEBC. & Co. (VD2603)	Repair.
Acceptable CIC Materials:	NYCOTE 7-11  DINITROL / ARDROX AV Series Compounds DINITROL AV 8 DINITROL AV 15 DINITROL AV 25 DINITROL AV 30 SOCOPAC 65H	Nycote Laboratories Corp. (V05803) or Chemetall Chemical Products, Inc. (V02CA7)  Chemetall Oakite, Inc. (V0L040)   Socomore (VF6892)	Repair.
Solvents:	Isopropyl Alcohol CAS No. 67-63-0  Acetone CAS No. 67-64-1  MEK (Methyl Ethyl Ketone) CAS No. 78-93-3 (Fed. MIL Spec. TT-M-261)  Ethyl Alcohol (Ethanol) CAS No. 64-17-5  Peerco 321	Commercially Available  Commercially Available  Commercially Available  Commercially Available  Commercially Available	Repair.
Thinner	Humiseal #33	Chase Corp. (V99109)	Repair.
Electrical:  Plug, Sealing Splice, Wire Wire, Electrical (match color) 16-AWG 20-AWG 22-AWG Wrap, Spiral Tubing, Heat shrink	N/A or in accordance with the OEM requirements         Not specific	Commercially Available         Commercially Available	Repair.
* Refer to the IPL, paragraph 6, for the address.			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

## Consumables

Table 9002/TABLE 25-40-53-94A-001-A01 (continued)

<b>Nomenclature</b>	<b>Part or Specification Number</b>	<b>Source (CAGE)*</b>	<b>Use</b>
Protective Coating, Corrosion, Blue	Nycote 7-11	Nycote Laboratories Corp. (V05803)	Repair.
<b>* Refer to the IPL, paragraph 6, for the address.</b>			

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

ILLUSTRATED PARTS LIST (IPL)

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-99F-010-A01

1. General

This section describes and illustrates all component assemblies, subassemblies, and parts required for maintenance of the Aft Lavatory Assembly.

TASK 25-40-53-99F-011-A01

2. Scope of Information

A. General

Each assembly is listed and immediately followed by a listing of its detail parts. The listing is indented 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 25-40-53-99F-012-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 25-40-53-99F-015-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

TASK 25-40-53-99F-013-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
      - - - * - - -
```

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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 within 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)

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

- (4) The term defined below is used when applicable to indicate the trim and finish condition of a part (color-coded).

Standard Phrase	Definition
(ORDER PER THE TRIM AND FINISH SPECIFICATIONS IN DESCRIPTION AND OPERATION SECTION [PARA 4] OF THIS CMM)	The part is color-coded. Refer to DESCRIPTION AND OPERATION section for trim and finish code.

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 25-40-53-99F-014-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.

COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
MANUFACTURER'S NAMES AND ADDRESSES

CODE	NAME	ADDRESS
V00768	WESTERN FILAMENT INC.	630 HOLLINGSWORTH ST GRAND JUNCTION CO 81505-1000 PHONE 970-241-8780
V01139	MOMENTIVE PERFORMANCE MATERIALS INC. (GENERAL ELECTRIC CO.)	260 HUDSON RIVER RD WATERFORD NY 12188-1910 PHONE 518-233-3241
V02CA7	CHEMETALL CHEMICAL PRODUCTS INC.	50 VALLEY RD BERKELEY HEIGHTS NJ 07922 PHONE 908-665-9466
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

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V06090	TE CONNECTIVITY CORP.	501 OAKSIDE AVE SIDE REDWOOD CITY CA 94063-3800 PHONE 800-806-0480
V06383	PANDUIT CORP.	18900 PANDUIT DR TINLEY PARK IL 60487-3600 PHONE 708-532-1800
V06885	WILLIAM L BONNELL COMPANY INC THE	25 BONNELL ST NEWNAN GA 30263 1603 PHONE 770-252-0154
V06WH3	B/E AEROSPACE INC.	5349 S EMMER DR NEW BERLIN WI 53151-7302 PHONE 262-613-0199
V07BQ3	AEMC INSTRUMENTS	15 FARADAY DR DOVER NH 03820-4352 PHONE 603-749-6434
V09332	AEROFAST	INC. 360 GUNDERSEN DR CAROL STREAM UNITED STATES 60188 2422 PHONE 6306686575
V09585	BENJAMIN MOORE AND CO. LTD.	15 LLOYD AVE TORONTO CANADA M6N 1G9 PHONE 416-766-1173

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
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
V0FWK8	WENCOR INC.	416 DIVIDEND DR PEACHTREE CITY GA 30269-1906 PHONE 678-490-0165
V0GAZ6	DEVILBISS CO. (ITW INC.)	12878 E FLORENCE SANTA FE SPRINGS CA 90670 PHONE 562-463-9559
V0KW49	MICRO SWITCH	70 WELLS AVE NEWTON MA 02459 PHONE 617-969-0265
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

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V0V7G8	CYTEC INDUSTRIES INC. (SOLVAY GROUP)	5 GARRET MOUNTAIN PLZ WEST PATERSON NJ 07424-3317 PHONE 973-357-3100
V0YGN0	HEXCEL REINFORCEMENTS CORP.	1913 N KING ST SEGUIN TX 78155-2115 PHONE 925-520-4160
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
V16632	FLEXFAB LLC	1699 W M43 HWY HASTINGS MI 49058-8377 PHONE 269-945-3533
V17023	BRUCE AEROSPACE INC.	101 EVANS AVE DAYTON NV 89403-8300 PHONE 775-246-0101

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V18195	CELESTE INDUSTRIES CORP.	8221 TEAL DR STE 405 EASTON MD 21601-7212 PHONE 410-822-5775
V1F7X4	ISOVOLTA AG INC.	495 TERRITORIAL ST HARRISBURG OR 97446-9608 PHONE 541-995-6395
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
V1QGN5	MEDAIRE INC	4722 NORTH 24TH ST STE 450 PHOENIX AZ 85016 485 PHONE 480-333-3700
V1SX35	AEROCCELL CORP.	12806 STATE AVE MARYSVILLE WA 98271 PHONE 360-653-2600

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
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
V24984	HYDRAFLOW	1881 W MALVERN AVE FULLERTON CA 92833-2403 PHONE 714-773-2605
V26348	H.B. FULLER NORTH AMERICA	1200 WILLOW LAKE BLVD VADNAIS HEIGHTS MN 55110-5146 PHONE 651-236-5912
V26831	INDUSTRIAL TUBE CO. LLC	28150 INDUSTRY DRIVE VALENCIA CA 91355-4100 PHONE 661-295-4089
V27821	PACO PLASTICS AND ENGINEERING INC.	8540 DICE RD SANTA FE SPRINGS CA 90670-2592 PHONE 562-698-0916
V29780	SAFRAN AEROSYSTEMS (WATER AND WASTE SYSTEMS DIV.)	1500 GLENN CURTISS ST CARSON CA 90746-4012 PHONE 310-884-7027

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V2W138	AWS INDUSTRIES INC. (TOMAK PRECISION)	2600 HENKLE DR LEBANON OH 45036-8026 PHONE 513-932-7941
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
V31845	SEALTH AERO MARINE CO.	16001 MILL CREEK BLVD SE BOTHELL WA 98012 PHONE 425-481-0727
V31946	COLE INSTRUMENT CORP.	2650 S CRODDY WAY SANTA ANA CA 92704-5238 PHONE 714-556-3100
V32XV5	MANKIEWICZ COATINGS LLC	1200 CHARLESTON REGIONAL PKWY CHARLESTON SC 29492 8326 PHONE 843-654-7755
V33461	DEFT INC. (PPG AEROSPACE)	17451 VON KARMAN AVE IRVINE CA 92614-6205 PHONE 949-476-6723

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V38LM1	DIVERSIFIED AIRCRAFT PARTS INC.	24864 SW 129 PATH HOMESTEAD FL 33032-5795 PHONE 305-258-1561
V3A054	MCMASTER-CARR SUPPLY CO.	9630 NORWALK BLVD SANTA FE SPRINGS CA 90670-2932 PHONE 330-342-6135
V3ECA8	APEX FASTENERS	15858 BUSINESS CENTER DR IRWINDALE CA 91706-2052 PHONE 626-962-2219
V3F8S3	A. RAYMOND TINNEMAN MFG. INC.	1060 W 130TH ST BRUNSWICK OH 44212-2316 PHONE 248-537-3406
V3FBZ6	RESOLUTION PERFORMANCE PRODUCTS LLC (HEXION INC.)	1600 SMITH ST 24TH FL HOUSTON TX 77002-7496 PHONE 832-366-2385
V3T9T9	SWAGELOK CO.	29500 SOLON RD SOLON OH 44139-3449 PHONE 440-349-5934
V3ULF6	TAPIS CORP.	28 KAYSAL COURT ARMONK NY 10504-1344 PHONE 914-273-2737

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V3VPY6	AXSON NORTH AMERICA INC. (SIKA ADVANCED RESINS)	1611 HULTS DR EATON RAPIDS MI 48827-9500 PHONE 517-663-8191
V44695	CORTEC CORP.	4119 WHITE BEAR PKWY SAINT PAUL MN 55110-7634 PHONE 800-426-7832
V45DF3	SEALANTS AND COATINGS TECHNOLOGIES INC.	106 INDUSTRIAL WAY CHARLESTOWN IN 47111 PHONE 812-256-3378
V4ZJD9	GCR ACQUISITIONS LLC	6312 S FIDDLERS GREEN CIR STE 600 NH ENGLEWOOD CO 80111 4943 PHONE 303-600-3466
V52607	ACTRON MFG. INC.	1841 RAILROAD ST CORONA CA 92880-2512 PHONE 951-371-0885
V53912	AIRTECH INTERNATIONAL INC. (AIRTECH ADVANCED MATERIALS GROUP)	5700 SKYLAB RD HUNTINGTON BEACH CA 92647-2055 PHONE 714-899-8100
V56135	SAFRAN CABIN INC.	5701 BOLSA AVE HUNTINGTON BEACH CA 92647-2063 PHONE 714-934-2287

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V56958	THE YOUNG ENGINEERS INC.	25841 COMMERCENTRE DR LAKE FOREST CA 92630-8812 PHONE 949-581-9411
V59579	AEROSPACE LIGHTING CORP.	355 KNICKERBOCKER AVE BOHEMIA NY 11716-3103 PHONE 631-563-6400
V5HCF1	PRC - DESOTO INTERNATIONAL INC. (PPG AEROSPACE)	12780 SAN FERNANDO RD SYLMAR CA 91342-3728 PHONE 818-741-1556
V5MZT3	GE LIGHTING SOLUTIONS LLC	1975 NOBLE RD STE 338E CLEVELAND OH 44112-1719 PHONE 216-606-6653
V5W425	BOSTIK INC. (ARKEMA)	211 BOSTON ST MIDDLETON MA 01949-2128 PHONE 978-777-0100
V61423	KIDDE TECHNOLOGIES INC.	4200 AIRPORT DR NW WILSON NC 27896-8630 PHONE 252-246-7073
V68491	ANDPAK EMA INC.	400 JARVIS DR MORGAN HILL CA 95037 PHONE 408-782-2500

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V6B3V9	RICHCO INC.	1000 NORTHFIELD AVE HARVARD IL 60033-1668 PHONE 773-539-4060
V70A87	CLEVA NORTH AMERICA	601 REGENT PARK CT GREENVILLE SC 29607 PHONE 866-384-8432
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
V78276	AVK INDUSTRIES PRODUCTS INC.	25323 RYE CANYON RD VALENCIA CA 91355-3338 PHONE 661-257-2329
V80477	ADAMS RITE AEROSPACE INC.	4141 N PALM ST FULLERTON CA 92835-1025 PHONE 714-278-6652
V81205	THE BOEING CO.	7755 E MARGINAL WAY S SEATTLE WA 98108-4002 PHONE 480-891-1045

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
V84256	AVIBANK INC.	11500 SHERMAN WAY NORTH HOLLYWOOD CA 91605-5827 PHONE 818-392-2164
V86928	SEASTROM MFG. CO. INC.	456 SEASTROM ST TWIN FALLS ID 83301-8526 PHONE 208-737-4300
V91929	HONEYWELL INTERNATIONAL INC	315 E STEPHENSON ST FREEPORT IL 61032 3340 PHONE 614-850-7935
V94058	BRULIN HOLDING CO. INC.	2920 DR A J BROWN AVE INDIANAPOLIS IN 46205-4066 PHONE 800-776-7149
V94222	SOUTHCO INC.	210 N BRINTON LAKE RD CONCORDVILLE PA 19331-0116 PHONE 610-459-4000
V97393	SHUR-LOK CO.	2541 WHITE RD IRVINE CA 92614-6235 PHONE 949-655-9256
V99109	CHASE CORP.	128 1ST ST PITTSBURGH PA 15238-3223 PHONE 781-332-0765

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

CODE	NAME	ADDRESS
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
VD1347	DIEHL AEROSPACE GMBH	DONAUSTR. 120 NUERNBERG GERMANY 90451 PHONE +49-911-94940
VD2603	MANKIEWICZ GEBR. AND CO.	GEORG-WILHELM-ST 189 HAMBURG GERMANY 21107 PHONE +49-40-751030
VF5251	GERFLOR	43 BD GARIBALDI TARARE FRANCE 69170 PHONE +33-4-72651000
VF6892	SOCOMORE	3707 PAUL DUPLEIX AVE VANNES FRANCE 56000 PHONE +33-2-97437690

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702  
ALPHA/NUMERIC INDEX

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
A20247AM1		3	220	1
		3A	145	1
A411010-501		1	325A	1
			327	D
		10A	1	RF
A411020-501		1	325B	1
			328	D
		10B	1	RF
A412001-1		1	115	AR
A412001-101		1	1	RF
A412001-103		1	1A	RF
A412001-105		1	1B	RF
A412001-107		1	1C	RF
A412001-109		1	1D	RF
A412001-111		1	1E	RF
A412001-113		1	1F	RF
A412001-115		1	1G	RF
A412001-117		1	1H	RF
A412001-119		1	1J	RF
A412001-121		1	1K	RF
A412001-123		1	1P	RF
A412001-125		1	1Q	RF
A412001-3		1	354	1
A412001-5		1	375	1
A412001-501		1	5	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
A412001-503		1	5A	1
A412001-505		1	5B	1
A412001-507		1	5C	1
A412001-509		1	5D	1
A412001-511		1	5E	1
A412001-513		1	5F	1
A412001-515		1	5G	1
A412001-517		1	5H	1
A412001-519		1	5J	1
A412001-521		1	5K	1
A412001-523		1	5L 5N	D 1
A412001-525		1	5M 5P	D 1
A412002-149		1	1L	D
A412002-151		1	1M	D
A412002-153		1	1N	D
A412004-501		1 2	10 1	1 RF
A412004-503		1 2	10A 1A	1 RF
A412004-505		1 2	10B 1B	1 RF
A412004-507		1 2	10C 1C	1 RF
A412005-501		1 3A	15E 1	1 RF
A412006-501		1 4	20 1	1 RF

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
A412010-501		1 10	325 1	1 RF
A412012-501		2	255	1
A412012-503		2	255A 260	1 D
A412012-505		2	255B 260A	1 D
A412012-507		2	255C 260B	1 D
A412015-501		2	265	1
A412015-503		2	265A 270	1 D
A412015-505		2	265B 270A	1 D
A412017-501		2	280	1
A412018-501		2	290	1
A412018-503		2	290A	1
A412351-1		2	50	1
A412354-501		4	240	1
A412354-503		4	225	1
A412355-1		1	380	1
A412701-501		3A	5	1
A414032-503		3A	325	D
A415110-1		1	535B	1
A415403-501		1 13A	475A 660A 1	D 1 RF
A417026-501		6A	410	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
A417113-501		1 6A	235A 1	1 RF
A417131-1		11	565	3
A417204-1		6A	415	AR
A417204-501		6A	370	1
A421160-501		16	15	3
A423001-505		1	370	1
A45009-3-2		11	330	1
A483FR593		13A	5	1
A483G20AAR		13A	5A	1
A825100-4		8	155 155B	1 1
ABMM		3 3A	380A 300	AR AR
ABMMD		14 3	115 380	D D
AD32BS		1  11 16	30 35 238 10	D 8 4 4
AE0034L		3	670	D
AKS4-632-130L		16	500	8
AKS4-832-130L		16	505	16
AKS4-832-80L		6	90	1
AN316-6R		16	65	1
AN565A4H7		3 3A	232 165	1 1
AN821-8J		4	175	1
AN841-8J		4A	170	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
AN960-416L		6	315	1
AN960C10L		4A	110	4
			15	1
			160	1
			190	1
			235	1
			35	1
			75	4
AN970-3		16	115	2
			150	2
			80	9
AVL337		6	20	1
		6A	20	1
BR9000-22		3	55	D
			78	1
BR9000-30		3	55A	D
			78A	1
BR9410-6		3	305	1
		3A	210	1
BR9749-006		3A	210A	1
BR9903-903		3	695	D
			725	D
C0300-030-1500S		11	285	2
C1663-012-1		1	306	1
C3-10R303		9	5A	1
C4893-012-3B		5	81	3
CCR264SS3-03		16	125	4
			160	4
			90	6
CD1054-1		1	25	1
		11	237	1
		16	5	1
CD1220A233P1		3	485	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CD1220DS287		3	710	D
CD1312-1		4	140	1
		4A	165	1
			240	1
			40	1
CD1312-3		4A	195	1
			20	1
CDDS022-11		4	255	1
		4A	250	1
CDEL030-1-03		3	150	1
		3A	115	1
CDEL030-1-38		3	475	D
CDEX0366-1		1	319B	AR
CDPL136A232		3	430	1
		3A	355	1
CDPL136A353		3	50	1
		3A	55	1
CDPL136A354		3	440	1
		3A	365	1
CDPL136A368		3A	140A	1
CDPL136B21		3	420	1
		3A	345	1
CDPL136DS167		3	225	1
		3A	150	1
CDPL136DS170		3	320	1
		3A	225	1
CDPL136DS175		3	215	1
		3A	140	D
CDPL136DS285		3	135	1
		3A	80	1
CDPL136DS286		3	140	1
		3A	85	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDPL136DS287		3	145	1
		3A	110	1
CDPL136K160		3	425	1
		3A	350	1
CDPL136K161		3	105	1
		3A	75	1
CDPL136LS5		3	435	1
		3A	360	1
CDPL136MT211		3	415	1
		3A	340	1
CDPL136PS92		3	60	D
			77	1
CDPL136S174		3	250	1
		3A	205	1
CDPL136S176		3	330	1
		3A	235	1
CDPL136TB5026		3	165	1
		3A	125	1
CDPL136TB5027		3	170	1
		3A	130	1
CDPL160-13		1	30A	1
CDPL496-1		14	95	D
CDPL603-1K04270		1A	5	1
CDPL604-1		1	116	1
			116A	1
			665	1
			665A	D
		8	340	1
CDPL604-1-93411		8	345	1
CDSP1104-1		8	73	1
CDSP1606-11-006		17	65	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDSP2023-0990		2	5	1
CDSP2110-1		1	70	1
CDSP2110-3		1	95	1
CDSP2110-501		1	40	1
CDSP2110-601		1	60	1
CDSP2400-12-300		4	106 97	2 D
CDSP2400T12-060		8	250	1
CDSP2400T25		8	20	1
CDSP2400T25-028		8	255	3
CDSP3800-1		11	310	1
CDSP3900-1		1 11	100 155	1 1
CDSP4104-11		17	5	1
CDSP4105-1		17	55	1
CDSP4105-3		17	60	1
CDSP4108-501		17 4A	1 85A	RF 1
CDSP4111-1		17	70	1
CDSP4112-1		17	25	1
CDSP4112-3		17	20	1
CDSP4112-501		17	10	1
CDSP4113-1		17	35	1
CDSP4113-3		17	40	1
CDSP4113-5		17	45	1
CDSP4113-501		17	30	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDSP4605-1		14	360 440	D D
CDSP4605-3		14	250	D
CDSP4606-1		14	355 435	D D
CDSP4607-501		14	255	D
CDSP4608-1		14	330 410	D D
CDSP4608-3		14	325 405	D D
CDSP4609-1		14	195	D
CDSP4609-501		14	150	D
CDSP4610-1		14	185	D
CDSP4610-3		14	180	D
CDSP4610-5		14	165	D
CDSP4611-501		14	190	D
CDSP4612-1		14	170	D
CDSP4620-505		14	280	D
CDSP4621-1		14	300	D
CDSP4622-1		14	285	D
CDSP4633-5		14	120	D
CDSP4634-1		14	275	D
CDSP5307-200		16	240	AR
CDSP5501-039		10 10A 10B 10C	65A 35 35 35	1 1 1 1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDSP5503-025		10	15	D
			23	3
		10A	120	3
		4	140A	1
			213	1
			27	2
CDSP5503-039		10	65	1
CDSP5503-043		10	60	2
		10C	85	1
CDSP5503-050		4	25	2
CDSP5503-075		4	210	1
CDSP5503-228		10A	70	1
		10B	70	1
CDSP5503-300		10A	90	1
		10B	90	1
CDSP5506-1		1	155	2
CDSP5801-2AL		16	255	14
		6	375	2
		6A	395	2
		8	50	4
CDSP5801-2CP		1	390	2
		8	15	4
CDSP5903-06-500		14	580	D
		9	200	D
CDSP5905-06-13		1	110	2
		7	102	4
CDSP5905-08-06		8	69	4
CDSP5905-08-09		6	240A	15
		6A	263A	15
CDSP5905-08-13		9	205	6

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
CDSP5905-3-13		1	277	3
		14	585	D
		7	101	6
		9	210	10
CDSP59051-08-09		6	240B	D
		6A	263	D
CDSP5905C06-06		1	319D	D
CDSP5905C08-06P		15	66	6
CDSP5905C08-09		15	71	14
CDSP604		1	37	1
CE50		14	175	D
CPWELW35		3A	95	6
CR3522P4-02		16	445	12
			455	28
			495	21
CR3522P6-03		16	435	2
			487	6
CR3522P6-04		16	420	4
CR3523P6-02		16	290	14
			330	6
CR3523P6-03		16	430	2
			465	7
D181001-5		6	229	AR
		6A	254	AR
D38999-20FA35SN		3	530	D
D3899926FB99PN		3	615	D
D3899926FC98PN		3	610	D
D3899926FE26PN		3	620	D
D436-36		3	705	D
			740	13

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
DA1220-1		3	476	D
DST3881		14	540	D
		9	130	1
ELW35S12B0-4		3A	90	3
FHA632-5		14	335	D
			415	D
FPC1-8		14	210	D
G825100-4		8	155A	1
			155C	1
IT207-16-164-8		10C	95	1
IT207-16-216-4		10A	100	1
		10B	100	1
IT207-16-280-4		10	80	1
IT207-8-104-4		10	35	1
		10A	135	1
IT207-8-60-4		10C	96	1
K042702-101		1A	1	RF
LT1504C6-8B		9	20A	1
M1288341-04		3	570	D
M2275934-20		11	560	AR
M243082-2F		3	480	D
M25L1006-9		1	605	2
M3367-5-9		3	375	AR
		3A	295	AR
M39029-1-101		3	660	D
M390291-101		3	635	D
M81714-12-20D2		3	645	D
M8171412-20D2		3	495	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
M819351-6KL		1	75	1
M83536-10-024M		3	575	D
M8805109-01		11	530	1
		3	265	D
MFTS6-8-48		3	20	2
		3A	25	2
MS14101-5AP		16	271	1
MS14101-6P		16	271A	1
MS16562-195		14	155	D
MS16562-200		6	300	1
		6A	315	1
MS16562-212		11	180	1
MS16562-233		6	75	1
		6A	75	1
MS20253-2-218		9	75	1
MS20253-2-610		11	70	2
MS20253P2-0122		1	580	1
		14	45	D
MS20253P2-0200		7	35A	1
MS20253P2-1708		6	170	1
		6A	180	1
MS20253P2-200		7	35	1
MS20392-1C11		6	320A	1
		6A	335	1
MS203921C11		6	320	D
MS20426A3-2		6	412	4

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS20426AD3-3		1	307A	2
		5	112	2
			82	6
			93A	2
		6	112	8
			85	D
			96	8
		6A	115	8
			85	8
MS20426AD3-4		1	349	2
			566	3
		14	20	D
			365	D
			450	D
		16	482	6
		7	45	D
			61	3
MS20426AD3-6		3	247	2
		3A	190	2
MS20426AD4-3		1	307	2
MS20426AD4-4		9	80	3
MS20426AD5-3		6	25A	2
		6A	25A	2
MS20426AD5-4		6	25	2
		6A	25	2
MS20470AD3-2		6	15	2
		6A	15	2
MS20470AD3-4		6	177	3
		6A	195	3
MS20470AD4-4		6	65	2
		6A	65	2
MS21042-02		11	525	2
		3	280	D
MS21042L06		14	135	D
			245	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS21042L08		11	410	2
		6	437	1
		6A	440	1
MS21042L3		16	375	4
			410	2
		3A	335	1
MS21042L6		1	42	1
			55	D
		16	20	3
MS21043-04		3A	265	4
MS21043-08		11	450	2
		8	170	2
MS21044C04		3	395	4
MS21059L3		16	120	2
			155	2
			481	3
			85	3
MS21075L08		5	111	1
			92	1
MS21075L08N		6	111	4
			95	4
		6A	110	4
			90	4
MS21075L3N		1	348	1
MS21076-08		1	306A	1
MS21209F1-10		15	16	1
MS21209F4-15		12	36	1
			51	1
MS21318-13		9	70	2
MS21318-14		11	65	4
		6	165	2
		6A	175	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS21318-15		1	575	2
		14	40	D
		7	40	2
		8	125	2
MS21919WCG11		4	15	3
		4A	25	1
			5	1
MS21919WCG13		4	200	3
MS21919WCG14		4A	180	1
MS21919WCG17		10	20	3
MS21919WCG18		10	20A	3
		10A	105	3
MS21919WCG21		4	20	1
		4A	225	1
MS21919WCG22		4	205	1
MS21919WCG33		10	39	7
			70	D
		10A	20	1
			40	2
			55	1
			75	1
		10B	20	1
			40	2
			55	1
			75	1
		10C	20	1
			40	2
			55	1
			70	1
MS21919WCG42		4	135	1
		4A	150	1
MS24266R14B7S6		3	595	D
MS24523-22		3	325	1
		3A	230	1
MS24665-151		6	325	1
		6A	340	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS24665-298		17	50	1
MS24693C25		8	75	2
MS24693C268		2	225	3
MS24693C270		2	70	2
			80	3
			95	3
MS24693C272		11	430	4
MS24693C47		17	15	4
		8	285	6
			295	3
			305	3
MS24693C48		1	385	2
MS24693C49		11	440	2
			455	2
			455A	D
MS24693C50		11	490	3
		8	275	3
			85	2
			95	2
MS24693C51		1	302	1
		8	10	4
MS24693C52		1	495	3
MS24693C53		8	265	2
MS25036-101		3	541	D
MS25036-102		3	535	D
			555	D
			680	D
			720	D
MS25036-103		3	470	D
MS25036-107		3	565	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS25036-108		3	465 540 590	D D D
MS25036-149		3	675 715 735	D D D
MS25083-3PB36		3	450	D
MS25083-3SB		3	455	D
MS25226-2-2		3 3A	155 120	2 2
MS25226-4-3		3	460	D
MS25281R5		3 3A	360 275	5 5
MS25281R6		3 3A	365 270	7 7
MS25281R8		3 3A	370 280	2 2
MS27039-1-10		1	352 410	7 D
MS27212-1-2		3	155A	2
MS28775-346		12	75	1
MS3367-4-9		11 3	550 621	AR 2
MS3367-5-9		3A	295A	AR
MS3476L10-6S		3	585	D
MS3476L12-10S		3	580	D
MS35206-212		14	520	D
MS35206-213		9	110	4
MS35206-215		3	385	4

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS35206-226		3	15	2
			70	2
		3A	20	2
MS35206-228		3	310	4
			80	2
MS35206-241		11	320	1
		3	15A	D
			70A	2
MS35206-242		3	240	4
			340	2
			40	2
			95	2
			95B	2
		3A	175	2
			245	2
			45	2
			65	2
MS35206-243		3	350	D
			372	14
		3A	285	14
MS35206-244		3	120	6
		9	170	4
MS35206-245		6	439	1
		6A	450	1
MS35206-250		6	255	2
		6A	275	2
MS35207-259		5	65	8
MS35207-261		10C	45	2
			60	1
MS35207-262		14	10	D
			485	D
			70	D
			85	D
		15	10	1
		9	10	1
			30	4

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS35207-263		7	25	6
MS35207-266		10C 14	75 495	1 D
MS35338-41		14	340 420	D D
MS35338-42		3	130 134	6 1
MS35489-6		14 3	205 413	D 2
MS514P832-4		6 6A	185 210	D D
MS51957-25B		1	317	2
MS51957-42		1	525	8
MS51957-42B		8	115 180 210 225 240	2 4 2 2 3
MS51957-43B		1 8	185 200 195	5 6 9
MS51957-44		16	215 230	6 2
MS51957-44B		1 8	430 160	4 2
MS51958-59B		2	135 160	2 3
MS51958-60B		4 4A	230 245 75 70	2 2 4 4
MS51958-61B		2	115 130	4 2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
MS51958-62B		4	185	D
			90	4
		4A	105	4
MS51958-64		1	210	2
MS51958-64B		4	125	D
			137	1
			187	D
			206	2
		4A	155	1
			230	1
			30	1
MS51958-66B		4	22	4
			5	D
		4A	10	1
			185	1
MS51958-67B		10	40	2
		4	191	D
			208	1
MS51958-68B		4	190	D
			207	1
MS9486-19		14	530	D
		9	120	1
N1202-115-0		3	185	D
NAS1063D1-4		3	160	D
NAS1096-1-6		14	125	D
			140	D
			235	D
			260	D
NAS1096-2-3		1	300	2
NAS1096-2-6		7	115	4
			135	4
NAS1096-3-4		6	430	2
		6A	425	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D		
NAS1096-3-5		6	105	6		
			120	2		
			135	8		
			355	2		
		6A	100	6		
			130	2		
			145	8		
			375	2		
		NAS1149C0332R		1	205	D
					215	2
3A	330			2		
	4			10	D	
130				D		
138	1					
195	D					
209	4					
23	4					
235	2					
250	2					
80	4					
95	4					
4A	110A			4		
	15A			1		
	160A			1		
	190A			1		
	235A			1		
	35A			1		
	75A			4		
NAS1149CN416R				3	390	4
				3A	260	4
NAS1149CN616R				1	318	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS1149CN816R		1	190	5
			205A	6
			530	8
		11	445	2
		16	220	6
			235	2
		8	120	2
			165	4
			185	4
			200	9
			215	2
			230	2
			245	3
NAS1149CN832R		1	435	4
		3	100	2
			100B	2
			245	4
			345	2
			355A	D
			373A	14
			45	2
		3A	180	2
			250	2
			50	2
			70	2
NAS1149D0332K		14	310	D
NAS1149DN632K		14	130	D
			145	D
			240	D
			265	D
			345	D
NAS1149DN816K		11	405	2
NAS1149DN832J		3	125	12
			133	2
NAS1149F0332		15	15	1
NAS1149F0332P		1	140	4
			255	4
			270	2
			335	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
			347	14
			353	7
			365	3
			405	4
			415	D
			550	4
			640	2
			655	1
		10	10	D
			22	3
			55	7
		10A	115	3
			30	1
			50	2
			65	1
			85	1
		10B	30	1
			50	2
			65	1
			85	1
		10C	30	1
			50	2
			65	1
			80	1
		12	50	8
			65	4
		14	15	D
			490	D
			75	D
			90	D
		15	15A	1
		16	360	6
			405	2
		2	120	4
			140	4
			165	3
			210	14
		5	15	2
			35	2
			40A	2
			55	8
			70	8
			91	2
			93	D
		6	110	6
			125	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
		6A	140	8
			360	2
			435	2
			105	6
			135	2
			150	8
			380	2
			430	2
			15	6
			30	6
		9	15	1
			150	4
			35	4
		6A	365	2
			315A	1
			330	1
		1	50	2
		16	25	6
		14	500	D
		14	525	D
		9	115	4
		3A	100A	2
			315	4
			75	2
			85	2
			220	4

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS1149FN816P		10	95	3
		10A	15	3
		10B	15	3
		10C	15	3
		3	355	D
			373	14
		5	15A	D
			35A	1
			40	1
			55A	D
		6	260	2
		6A	280	2
		7	120	4
			140	4
		9	175	4
		1	305	2
		3	315A	D
			75A	2
			85A	D
		3A	118	2
NAS1149FN832P			290	14
		6	155	2
			400	2
		6A	165	2
NAS1330C08K106		11	475	3
NAS1330H3K116L		16	491	11
NAS1330H3K166L		16	380	2
NAS1330H4K151L		16	385	2
NAS1368N16A		3	410A	2
		3A	315	2
NAS1368N22A		2	235	2
NAS1368N24F		3	400A	4
		3A	305	4
NAS1368N4A		3A	320	2
NAS1368N6A		3	405A	2
		3A	310	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS1762J0606		4	55	4
			57	D
		4A	90	4
NAS1922-0100-3		10	25	2
		10A	125	2
NAS1922-0200-3		10	75A	1
		10A	95	1
		10B	105	D
			95	1
		10C	90	2
NAS43D3-36		14	505	D
NAS43DD1-12FC		9	188	2
NAS43DD3-12		3A	105	6
NAS509-4		3	180	D
NAS509-6		1	80	1
NAS509L6		1	85	1
NAS513-6		1	90	2
NAS514P1032-14		11	145	1
NAS514P1032-4		2	30	8
			60A	7
NAS514P1032-5		8	25	2
NAS514P1032-6		16	350	1
		9	55	D
			66	6
NAS514P1032-7		16	280	12
			300	4
			310	2
			320	6
			475	D
		2	10	8
			175	4
			40	7
			60	7
		9	40	6

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS514P1032-8		16	475A	8
NAS514P632-4		7	85	4
NAS514P632-6		1	105	2
			610	2
		11	160	2
NAS514P632-8		16	180	8
NAS514P832-10		5	100	2
		6	445	1
		6A	460	1
NAS514P832-12		3A	100	6
NAS514P832-14		11	30	2
			40	6
NAS514P832-3		5	110A	4
			80A	12
NAS514P832-4		5	110	4
			80	12
		6	185A	3
			195	2
			205	3
			215	2
			225	3
			370	2
		6A	210A	3
			220	2
			230	3
			240	2
			250	3
			390	2
		8	45	4
NAS514P832-5		6	275	D
		6A	290	2
		9	160	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS514P832-6		1	125	7
		11	105	1
			115	2
			170	2
			400	2
		6	385	2
		6A	405	2
		7	150	4
NAS514P832-7		11	10	2
			20	6
			390	4
			60	12
		6	275A	2
			55	8
		6A	290A	2
			55	8
NAS514P832-8		11	125	2
			195	4
			270	2
			340	2
			500	2
		16	190	16
			250	14
NAS517-2-3		11	295	2
			305	4
NAS517-3-00		2	155	3
NAS517-3-2		16	395	5
NAS517-3-3		12	20	8
			35	8
NAS517-3-4		16	400	2
NAS517-3-5		16	270	24
			355	4
NAS51922-0200-3		10	75	1
NAS557-6C		14	200	D
NAS600-6P		3	385A	4
		3A	255	4

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS601-6		14	160	D
		3	80A	D
NAS601-6P		3	310A	4
			80B	2
			95A	2
		3A	215	4
NAS601-7P		9	46	D
NAS602-4P		5	30A	1
			90	2
NAS602-5P		6	395	2
NAS602-6P		10	90	3
		10A	10	3
		10B	10	3
		10C	10	3
		3A	117	2
NAS602-7P		3	120A	6
			132	1
NAS603-10P		10	21	3
			5	D
		10A	110	3
NAS603-11P		10A	25A	1
		10B	25A	1
NAS603-12P		10	50	1
		10A	25	1
		10B	25	1
		10C	25	1
		16	340	2
NAS603-14P		1	360	3
NAS603-4P		12	60	4
		5	30	1
NAS603-5		14	305	D
NAS603-5P		10A	45A	2
		10B	45A	2
		12	45	8

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS603-6		1	250	4
			265	2
		9	145	4
NAS603-6P		1	135	4
			400	4
			545	4
			635	2
			650	1
		10	45	4
		10A	45	2
		10B	45	2
		5	10	2
			25	2
			50	8
NAS603-7P		7	10	6
NAS603-8P		1	330	D
			346	14
		16	110	2
			145	2
			75	9
		2	205	14
NAS604-10P		1	145	2
NAS604-13P		16	345	2
NAS620-2		11	520	2
		3	275	D
NAS623-2-13		6	150	2
		6A	160	2
NAS623-3-36		10A	60A	1
		10B	60A	1
NAS623-3-38		10A	60	1
		10B	60	1
NAS623-3-48		10A	80A	1
		10B	80A	1
NAS623-3-50		10A	80	1
		10B	80	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
NAS6606-12		1	45 52	D 1
NAS6606-14		16	30	3
NAS662-2-7		11 3	515 270	2 D
NAS662C2R7		11 3	515A 270A 270B	2 D D
NAS671-6		14	350 430	D D
P116-447-6-24A		1	319	1
RNF100-316-0		3	622	1
RNFCL125S		11 3	536 281	AR D
S011845		1	115A 115B	AR AR
S011847		1	115C 115D	AR AR
SAM223-11		8	35	1
SCD130-14-1		9	165	1
SCD130-14-1BFE		9	165A	1
SJ5303		1 14	560 25	1 D
SJ5312		11	376	1
SS43S6		4 4A	40 55	1 1
SS6TA1-6AN		4 4A	45 80	1 1
SS6TA1-8AN		4 4A	30 50	1 1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
TCG1-3925-23		3	30	1
		3A	35	1
TNSP4-12-632IS		3	25	2
		3A	30	2
TRBR10W		1	170	1
TRBR10WE		1	170A	1
TYE2161-08-09		6	240	15
WFFRBK125		11	555	AR
WSIG16A		3	410	2
WSIG24A		3	400	4
WSIG6A		3	405	2
02-10-301-20		7	90	2
02-14-101-14		7	125	2
1-640508-0		3	560	D
1-640510-0		3	685	D
1-640520-0		3	690	D
1-770849-2		3	550	D
1-841-1-5620		3	655A	D
1-841-1-5696		3	655	D
103958-1		3	520	D
103958-3		3	525	D
104257-5		3	545	D
14313-001		12	5	2
14313-004		12	10	2
14350-007		12	25	1
289-601-066-2		14	270	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
3600-5796		3	630	D
3804-1		10	30	1
		10A	130	1
3867308-1		3	65	1
3896TI		14	290	D
3M4932		1	515A	AR
3M4945		1	515	AR
4048-30		3	115	3
4048-31		3	110B	D
			115A	3
			115B	3
446253-4		9	185	1
4521-24-100-2		6	10	1
		6A	10	1
4582050-1		12	70	1
4601309-1		6	440	1
		6A	455	1
4602012-1		4	105	1
4602012-501		4	85	1
		4A	100	1
4651057-1		16	175	4
4651085-3		16	370	1
4656051-1		16	195	D
474560-46		9	185A	1
48-7190		11	505	D
		3	295	D
			505	D
			505A	D
			515	D
			600	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
48-7191		11	510	D
		3	290	D
			500	D
			500A	D
			510	D
			605	D
4E3260-1		4	110	1
		4A	120	1
5108CW		3	110A	3
5108WW		3	110	3
5321K17		4	115	2
		4A	135	2
			175	2
5321K24		4	150	7
		4A	125	2
			210	4
5416K22		14	225	D
			230	D
5607-90		6	438	1
		6A	445	1
5661093-7		3	90	1
		3A	60	1
5661K16		4	100	1
5710-608-060		13A	10	4
5710-608-60		13	10	2
5956K16		8	66A	1
6035-04BR135		14	550	D
		9	138	D
60450		4	100A	1
6371071-505		4	145	1
		4A	145	1
640917-1		3	490	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
65-5458-20B		1	165	1
65-5458-21B		1	160	2
69-27191-326		4	155	1
69-27191-518		4	160	1
7312230-1		11	80	6
7707		1	535	1
			535A	1
79041-08-0280		4	60	1
79251-06-0040		4	65	1
		4A	95	1
79277-033		4A	45	1
79368-09		4	215	1
79368-10		4	220	1
801387-15		14	220	D
84835A11		11	200	1
			345	1
8936T42		14	295	D
9014084-3		9	155	1
90312A640		9	20	1
9158109-1		14	535	D
		9	125	1
9158109-3		14	555	D
		9	137	1
9158109-501		14	515	D
		9	105	2
9158109-601		14	545	D
		9	135	1
9171100-17		6	305	1
		6A	320	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9171100-29		6	330	1
		6A	345	1
9171100-3		6	270	1
		6A	285	1
9171100-5		6	285	1
		6A	300	1
9171100-503		6	145	1
		6A	155	1
9171100-505		6	280	1
		6A	295	1
9171100-7		6	295	1
		6A	310	1
9171100-9		6	290	1
		6A	305	1
9171111-3		15	20	1
9171111-503		15	5	1
9171121-1		15	35	1
9171121-3		15	30	1
9171121-501		15	25	1
9177070-7		9	90	1
9177105-5		9	95	1
9177105-503		9	65	2
9177105-7		9	100	1
9178052-3		11	75	6
9185032-501		4	165	1
		4A	220	1
9324601-511		14	80	D
9324602-507		14	475	D
9324603-3		14	380	D

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9324603-5		14	385	D
9324603-503		14	320	D
9324603-6		14	390	D
9324603-7		14	375	D
9324603-9		14	395	D
9324604-3		14	455	D
9324604-503		14	400	D
9324604-7		14	460	D
9324604-8		14	465	D
9324604-9		14	470	D
9324606-9		14	215	D
9324608-1		14	370	D
9324608-3		14	445	D
9324610-1		14	315	D
9324710-1		1	130	2
9326240-3		14	100	D
9326240-5		14	105	D
9326752-501		3	5	1
		3A	10	1
9341006-1		4	170	1
9341006-3		4	120	1
9341006-5		4	106A	2
			97A	D
		4A	115	2
9341006-7		4	155A	1
		4A	215	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341006-9		4	160A	1
		4A	130	1
9341010-1		10C	100	1
9341010-511		1	325C	1
			329	D
		10C	1	RF
9341011-501		2	310	1
9341018-501		2	275	1
9341019-501		2	315	1
9341020-501		2	295	1
9341020-503		2	285	1
9341021-501		2	300	1
9341022-501		2	280A	1
9341033-1		9	215	1
9341033-501		9	195	1
9341034-1		14	590	D
9341034-501		14	575	D
9341035-1		8	70	1
9341035-501		8	68	1
9341036-503		6	415	1
9341037-1		8	31	1
9341051-501		11	235	1
9341051-505		11	235A	1
9341052-501		11	380	1
9341052-503		11	380A	1
9341101-501		1	470	1
		12	1	RF

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341111-501		1	175	1
9341111-503		1	175A	1
9341112-1		5	115	AR
9341112-501		1	230	1
		5	1	RF
9341113-503		1	235	1
		6	1	RF
9341115-501		1	280	1
		7	1	RF
9341116-1		8	100	1
			100B	1
9341116-11		8	310A	1
			310C	1
			330	D
			330A	D
9341116-13		8	320A	1
			320C	1
			335	D
			335A	D
9341116-3		8	310	1
			310B	1
9341116-5		8	315	1
9341116-501		1	285	1
		8	1	RF
9341116-503		1	285A	1
		8	1A	RF
9341116-7		8	320	1
			320B	1
9341116-9		8	100A	1
			100C	1
			325	D
			325A	D
9341117-501		1	290	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341118-501		1	290A	1
9341141-503		1 14	480 1	D RF
9341201-1		7	103	1
9341201-11		7	80	2
9341201-3		7	95	AR
9341201-5		7	75	2
9341201-501		7	5	1
9341201-601		7	100	1
9341202-1		8	67	AR
9341202-3		8	66	1
9341202-501		8	5	1
9341203-1		6 6A	245 265	1 1
9341203-11		6 6A	210 235	1 1
9341203-13		6 6A	190 215	1 1
9341203-3		6 6A	230 255	1 1
9341203-5		6 6A	180 205	1 1
9341203-501		6 6A	130 140	1 1
9341203-601		6 6A	235 260	1 1
9341203-7		6 6A	200 225	1 1
9341203-9		6 6A	220 245	1 1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341204-1		6	420	AR
9341204-503		6	350	1
9341205-11		11	465	1
9341205-13		11	460	1
9341205-15		11	470	1
9341205-17		11	473	1
9341205-503		11	425B 427A	1 D
9341205-505		11	425	1
9341205-507		11	425A 427	1 D
9341205-7		11	480	1
9341205-9		11	435 435A	1 2
9341207-11		11	315	1
9341209-1		5	115A	AR
9341209-501		5	45	1
9341210-503		14	65	D
9341210-601		14	565	D
9341212-1		5	101	1
9341212-11		6 6A	40 40	2 2
9341212-13		6 6A	45 45	1 1
9341212-3		6 6A	30 30	1 1
9341212-5		5	103	2
9341212-501		5	95	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341212-503		6 6A	5 5	1 1
9341212-7		6 6A	35 35	1 1
9341212-9		5	102	2
9341215-1		6 6A	178 200	1 1
9341215-3		6 6A	176 190	1 1
9341215-501		6 6A	175 185	2 2
9341216-3		1	65	2
9341217-1		8	150	D
9341217-3		8	153	D
9341217-5		8	145	1
9341217-501		8	110	1
9341217-601		8	147	1
9341217-7		8	130	1
9341218-1		9	190	AR
9341218-501		9	50	1
9341219-1		13	35	1
9341219-11		13	40	4
9341219-13		13	45	4
9341219-15		13	46	8
9341219-3		13	30	1
9341219-5		13	25	2
9341219-501		13	5	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341219-7		13	20	2
9341219-9		13	15	2
9341221-1		11	185	1
9341221-501		11	165	1
9341223-3		1	319E	AR
9341223-501		1	315A	1
9341223-601		1	319G	1
9341224-1		5	160	1
9341224-11		5	140	1
9341224-13		5	145	1
9341224-15		5	150	1
9341224-3		5	125	1
9341224-5		5	130	1
9341224-501		5	120	1
9341224-601		5	155	1
9341224-603		5	165	1
9341224-7		5	135	1
9341224-9		5	170	1
9341225-1		1	319A	1
9341225-3		1	319H	D
9341225-5		1	316	1
9341225-501		1	315	1
9341225-601		1	319C	1
9341225-7		1	319F	1
9341226-501		15	45	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341227-1		6	335	1
		6A	350	1
9341227-501		6	250	1
		6A	270	1
9341228-1		7	50	1
9341228-11		1	585	1
		14	50	D
9341228-3		7	55	1
9341228-5		7	60	1
9341228-501		7	20	2
9341228-503		1	540	2
		14	5	D
9341228-601		1	570	1
		14	35	D
9341228-7		1	590	1
		14	55	D
9341228-9		1	565	1
		14	30	D
9341229-1		15	55	D
			72	1
			75	D
9341229-3		15	55A	1
			65	D
9341229-5		15	65A	1
9341229-501		15	50	1
9341229-503		15	60	1
9341229-505		15	70	1
9341229-7		15	80	1
9341231-501		11	45	1
9341231-509		11	45A	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341232-1		11	225	AR
9341232-3		11	230	AR
9341232-501		11	90	1
9341232-509		11	90A	1
9341233-1		11	370	AR
9341233-3		11	375	AR
9341233-501		11	240	1
9341233-505		11	240A	1
9341234-501		11	335	1
9341234-503		11	190	1
9341234-507		11	190A	1
9341234-509		11	335A	1
9341237-1		8	65	1
9341237-3		8	60	1
9341237-5		8	55	1
9341237-501		8	40	2
9341238-1		11	85	2
9341238-501		11	55	2
9341240-1		11	80A	6
9341240-3		11	80B	6
9341250-1		11	420	1
9341250-3		11	415	1
9341250-5		11	395	1
9341250-501		11	385	1
9341251-1		2	35	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341251-3		2	170	1
9341253-1		12	37	1
9341253-3		12	15	2
9341253-5		12	52	1
9341253-501		12	30	2
9341253-503		12	40	2
9341254-1		1	350	1
9341254-3		2	200	7
9341254-501		1	345	7
9341256-1		11	290	1
9341256-3		11	300	1
9341258-1		3	231	1
		3A	160	1
9341258-501		3	230	1
		3A	155	1
9341259-1		8	30	1
9341260-501		1	225	1
9341261-1		11	280	2
9341262-1		11	275	2
9341265-1		6	411	2
9341265-501		6	410	1
9341266-1		11	75A	6
9341303-1		2	105	1
9341303-3		2	110	1
			125	1
9341304-1		5	60	4

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341305-501		8	205	1
9341305-502		8	220	1
9341305-503		8	235	1
9341306-1		1	195	1
9341307-1		1	355	1
9341308-1		1	120	1
9341310-5		11	50	1
9341310-501		11	135	1
9341310-503		11	250	1
9341311-1		11	95	1
9341311-11		11	255	1
9341311-13		11	265	1
9341311-15		11	260	1
9341311-3		11	100	1
9341311-5		11	110	1
9341311-7		11	120	1
9341311-9		11	130	1
9341312-3		11	245	1
9341313-501		1	490	1
9341314-1		1	500	1
9341315-1		8	290	1
9341315-2		8	300	1
9341316-1		14	480	D
9341316-3		14	510	D
9341316-5		9	140	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341317-1		1	245 630	1 1
9341317-3		1	260 645	1 1
9341321-1		6 6A	436 435	1 1
9341321-501		6 6A	425 420	1 1
9341322-1		6 6A	113 120	1 1
9341322-501		6 6A	100 95	2 2
9341323-1		6 6A	365 385	1 1
9341325-501		2	185	1
9341325-503		2	190	1
9341325-505		2	195	1
9341327-1		11	5	1
9341327-3		11	15	1
9341327-501		11	5A	D
9341327-503		11	15A	D
9341328-501		11	25	1
9341328-503		11	35	1
9341328-505		11	25A 27	1 D
9341341-1		8	73A	D
9341351-11		2	20	1
9341351-3		2	55	1
9341351-5		2	25	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341351-7		2	180	1
9341352-505		11	485A	1
9341352-509		11	485	1
9341352-511		11	485B	1
9341354-1		4	70	1
		4A	65	1
9341355-1		4	180	1
9341356-1		8	280	1
9341356-3		8	190	1
9341357-1		5	94	1
9341357-3		5	113	1
9341357-5		5	83	1
9341357-501		5	85	2
9341357-503		5	105	2
9341357-505		5	75	1
9341359-1		2	85	2
9341359-3		2	100	2
9341359-5		2	230	2
9341359-7		2	150	1
9341359-9		2	220	1
9341360-1		6	405	1
9341361-1		1	425	2
		16	210	3
9341361-3		1	520	4
9341361-5		16	225	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341362-1		1	395	2
		9	25	2
9341362-501		9	25A	2
9341363-7		2	215	6
9341363-9		1	340	D
			351	6
9341365-1		9	180	1
9341367-1		5	20	1
9341367-3		5	5	1
9341368-1		7	65	2
9341368-3		7	105	2
9341368-5		14	560	D
9341368-7		1	595	2
		14	60	D
9341368-9		9	101	4
			45	D
			60	D
9341370-1		7	145	1
9341371-1		1	311	D
		7	110	2
9341372-1		11	150	1
9341372-3		11	325	1
9341373-501		8	175	1
9341374-1		1	308	1
9341374-3		1	310	1
9341374-501		1	295	1
9341375-19		11	355A	1
9341375-21		11	210A	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341375-501		11	350	1
9341375-503		11	205	1
9341375-507		11	350A	1
9341375-509		11	205A	1
9341375-7		11	355	1
9341375-9		11	210	1
9341376-1		12	55	1
9341377-1		1	180	1
9341379-1		3	249	1
		3A	200	1
9341379-3		3	246	1
		3A	185	1
9341379-5		3	248	1
		3A	195	1
9341379-501		3	235	1
		3A	170	1
9341380-1		6	80	1
		6A	80	1
9341380-3		6	60	1
		6A	60	1
9341380-5		6	70	1
		6A	70	1
9341380-501		6	50	1
		6A	50	1
9341383-1		6	413	1
9341386-1		1	308A	1
9341386-501		1	295A	1
9341401-1		12	80	1
9341402-11		1	460	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341402-5		1	455	1
9341402-503		1	440	1
9341402-505		1	440A	1
9341402-7		1	450	1
9341402-9		1	455A	1
9341403-1		13 13A	50 15	AR AR
9341403-3		13 13A	53 20	AR D
9341403-5		13 13A	51 35	1 1
9341403-503		1  13	475  660 1	D 1 RF
9341403-7		13 13A	52 30	1 1
9341405-1		15	90	1
9341405-3		15	85 95	AR 1
9341405-5		15	90A 95A	1 D
9341405-501		1 15	220 1	1 RF
9341405-503		1 15	220A 1A	1 RF
9341405-601		15	40	1
9341405-603		15	40A	1
9341408-501		10 10A 10B 10C	85 5 5 5	1 1 1 1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341409-1		7	130	1
9341410-3		13	55	1
9341410-5		13A	25	1
9341412-1		7	71	1
9341412-3		7	72	2
9341412-501		7	70	1
9341414-1		6	401	1
9341414-3		6	402	1
9341414-501		6	390	1
9341415-1		14	570	D
9341451-1		8	270	1
9341451-3		8	80	1
9341451-5		8	90	1
9341451-7		8	260	1
9341451-9		8	105 71	D 2
9341452-1		2	75	1
9341452-3		2	90	1
9341452-5		2	65	1
9341455-1		2	145	1
9341457-5		1	445	1
9341458-1		1	505	1
9341458-3		1	510	2
9341459-1		6 6A	340 360	1 1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341459-3		6	345	1
		6A	365	1
9341460-1		6	115	1
		6A	125	1
9341460-3		6	380	1
		6A	400	1
9341461-1		6	265	D
			336	1
		6A	355	1
9341461-3		6	160	1
		6A	170	1
9341462-1		11	360	1
9341462-13		11	360A	1
9341462-15		11	215A	1
9341462-17		11	365A	1
9341462-19		11	220A	1
9341462-3		11	215	1
9341462-7		11	365	1
9341462-9		11	220	1
9341465-1		11	175	1
9341466-1		2	15	1
9341466-3		2	45	1
9341468-1		11	140	1
9341701-507		3	640	1
		3A	375	1
9341701-509		3	665	1
9341701-511		3	650	1
		3A	380	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9341701-513		3	625	1
		3A	370	1
9341702-3		3	335	1
		3A	240	1
9341702-5		3	35	2
		3A	40	2
9341703-1		3	210	D
9341703-501		3	175	1
		3A	135	1
9341704-1		11	545	1
		3	300	D
9341704-3		11	540	1
		3	285	D
9341704-5		11	535	1
		3	260	D
9341704-501		11	495	1
		3	255	D
9341705-501		3	190	D
9341705-503		3	195	D
9341705-505		3	200	D
9341707-501		3	205	D
9341711-1		3	10	1
		3A	15	1
9341715-501		3	700	1
9341715-503		3	730	1
9342005-503		1	15	1
		3	1	RF
9342005-507		1	15B	1
		3	1A	RF
9342005-509		1	15A	1
		3	1B	RF

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9342005-515		1 3	15C 1C	1 RF
9342005-519		1 3	15D 1D	1 RF
9342006-1		4A	200	1
9342006-3		4A	245	1
9342006-5		4A	140	1
9342006-503		1 4A	20A 23 1	1 D RF
9342006-505		1 4A	20B 23A 1A	1 D RF
9342025-501		2	305	1
9342102-501		1	420	1
9342102-503		1	420A	1
9342103-501		1	170B 171	1 D
9342114-501		1	240	1
9342131-503		1 11	465 1	1 RF
9342131-505		1 11	465A 1A	1 RF
9342131-507		1 11	465B 465C 1B	1 1 RF
9342131-511		1 11	465D 1C	1 RF
9342132-501		1 9	320 1	1 RF
9342208-1		1	279	1

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9342208-3		1	278	AR
9342208-501		1	275	1
9342351-1		2	240	1
9342351-3		2	245	1
9342351-5		2	250	1
9342701-501		3	445A	1
9342701-507		3	445	1
9342701-511		3	445B	1
9361031-1		8	135	1
9393401-507		1	600	1
9393401-57		1	615	1
9393401-7		1	620	1
9401251-1		16	390	1
9401254-1		16	272	1
9401254-501		16	265	3
9401256-1		16	335	1
9401260-1		16	470	2
9401260-601		16	486	2
9401275-1		16	45	1
9401275-3		16	40	2
			55	2
9401275-501		16	35	1
9401276-1		16	60	1
9401276-501		16	50	1
9401354-1		16	275	2
9401354-3		16	285	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9401354-5		16	295	2
9401405-1		16	205	2
9401405-3		16	200	2
9402001-519		1	625	1
		16	1	RF
9402004-505		16	260	1
9402015-501		16	510	1
9402264-1		16	492	1
9402264-501		16	490	1
9402267-1		16	483	1
9402267-501		16	480	1
9402268-1		16	488	1
9402268-501		16	485	2
9402353-1		16	425	1
9402353-3		16	415	1
9402356-2		16	315	1
9402356-3		16	305	1
9402356-5		16	325	1
9402358-1		16	460	1
9402402-1		16	245	1
9404260-1		16	440	2
9404260-3		16	450	2
9405261-1		16	185	4
9416116-1		16	100	1
9416116-3		16	95	1
9416116-501		16	70	1

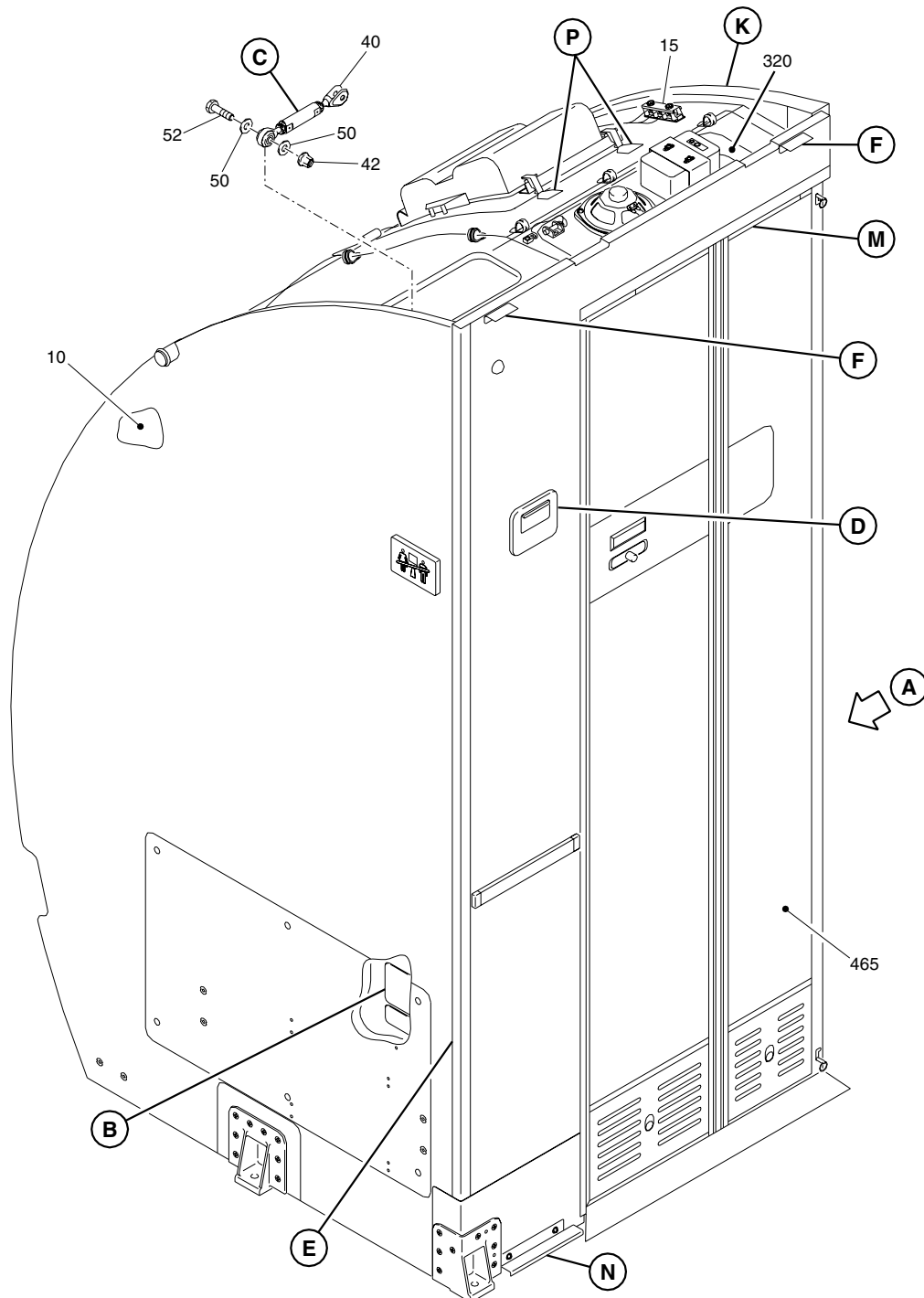
COMPONENT MAINTENANCE MANUAL  
A412001/K042702

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
9416117-1		16	135	1
9416117-3		16	170	1
9416117-5		16	130	1
9416117-501		16	105	1
9416117-503		16	140	1
9416117-7		16	165	1
9435K76		6	310	1
		6A	325	1
94709A516		13A	10A	4
95606A260		4	35	1
		4A	60	1
9600K13		14	110	D
9721035-1		1	150	2
9812150-503		4A	205	1
9819-101		4	50	1
		4A	85	1
98404A010		9	5	1
H831205-501		7	75A	2

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

DETAILED PARTS LIST

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



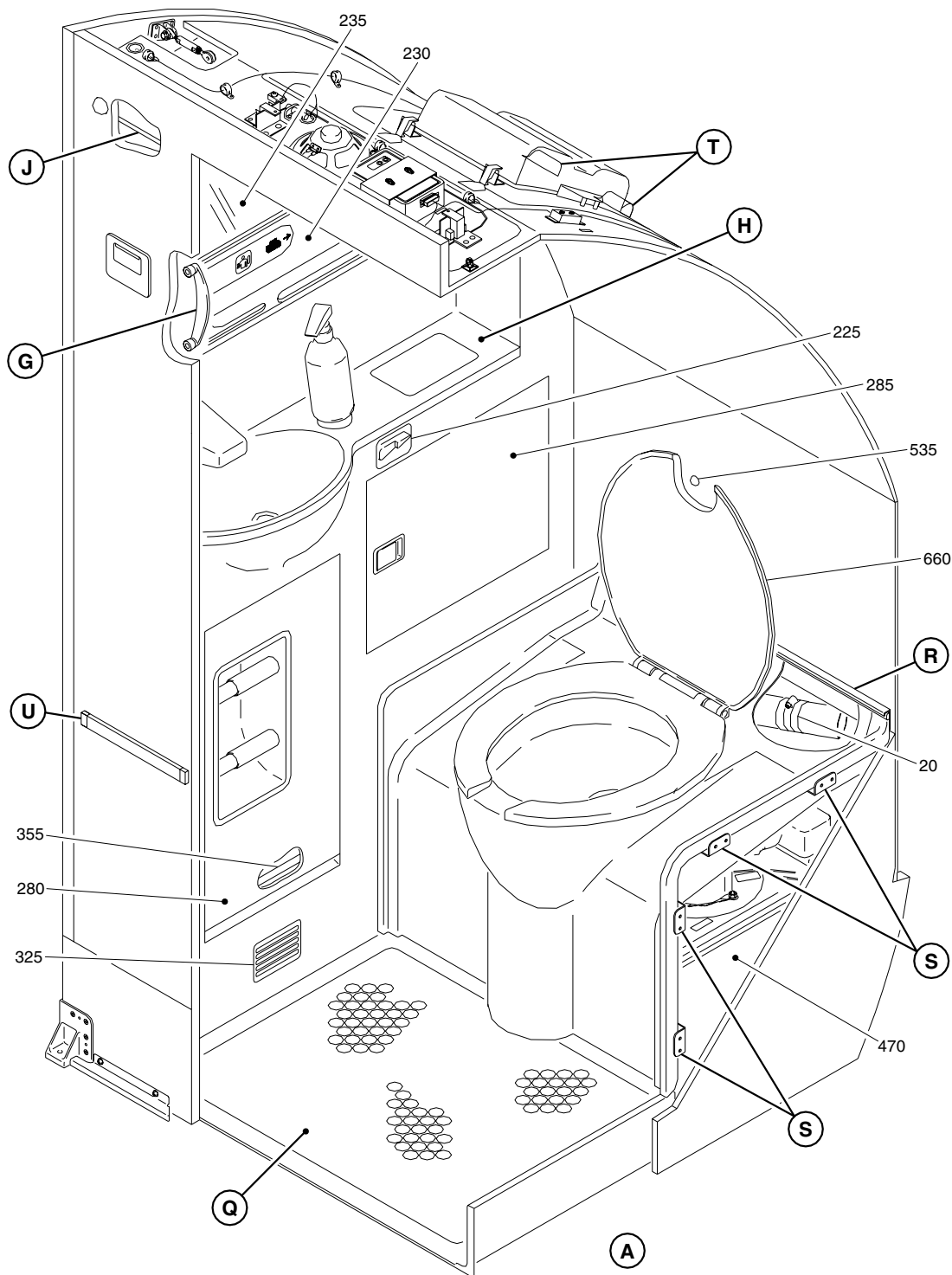
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Side Entry Lavatory Assembly  
(Sheet 1 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

# 25-40-53

Page 10084  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



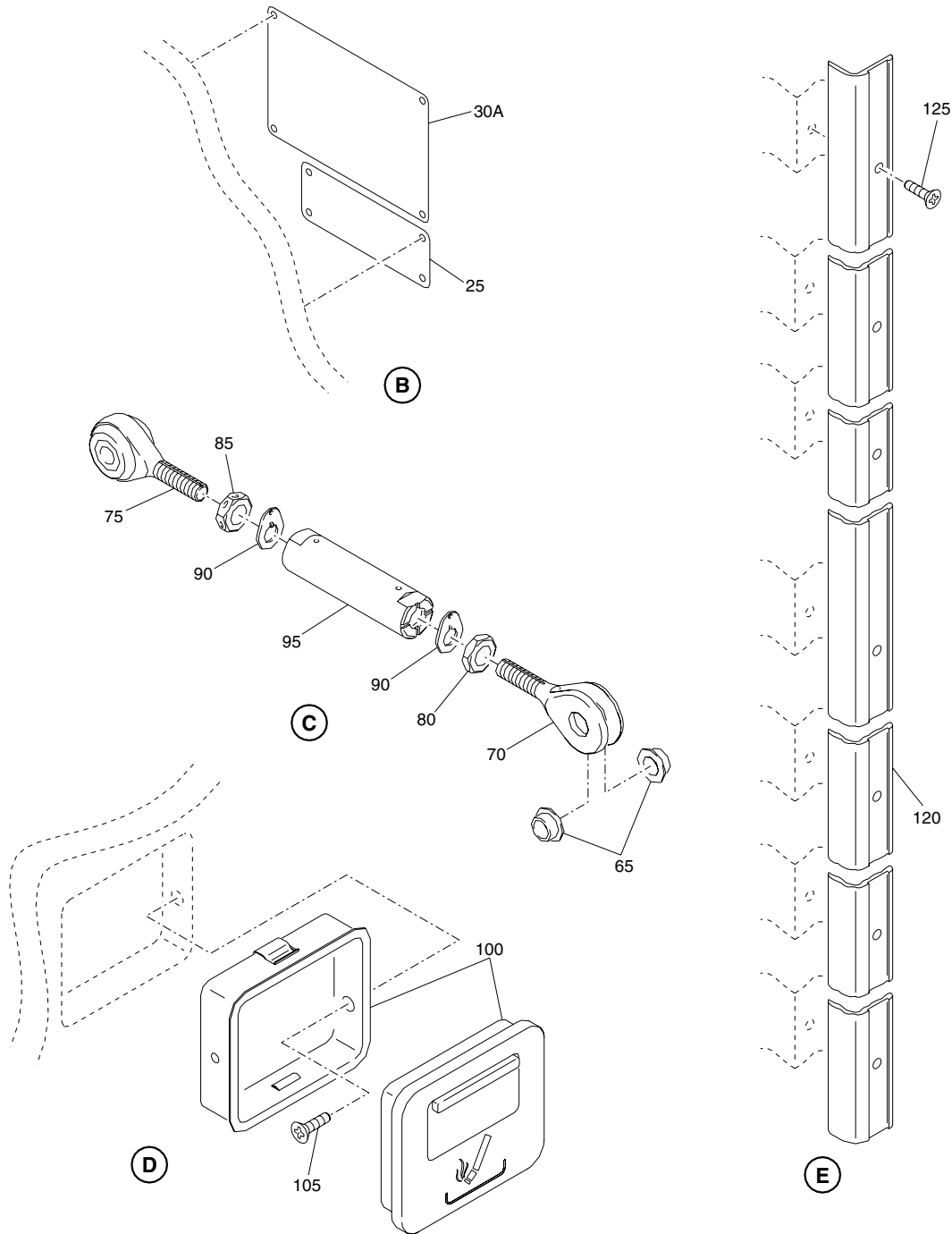
2540530102

Side Entry Lavatory Assembly  
(Sheet 2 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

# 25-40-53

Page 10085  
May 05/23

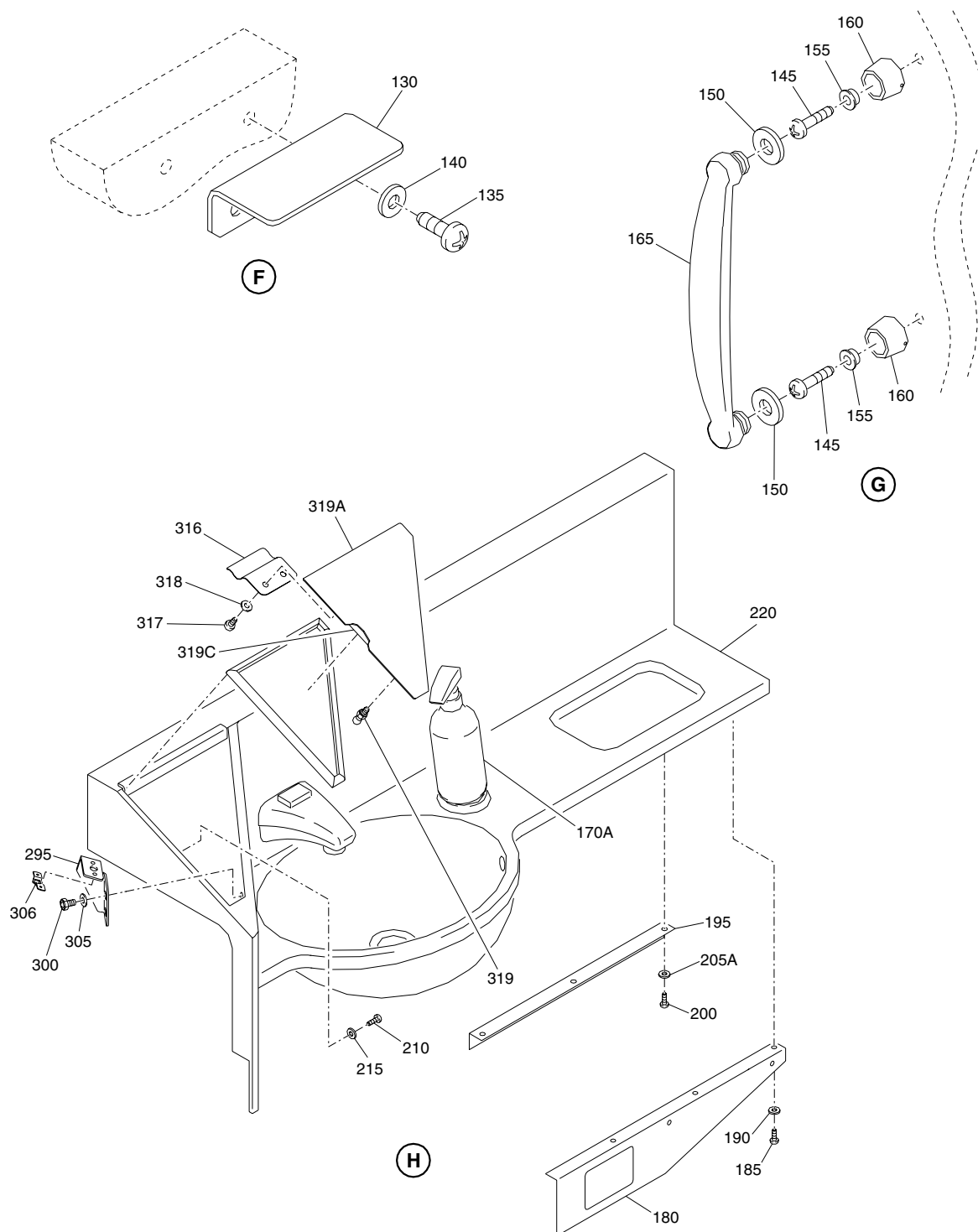
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Side Entry Lavatory Assembly  
(Sheet 3 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

2540530103

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

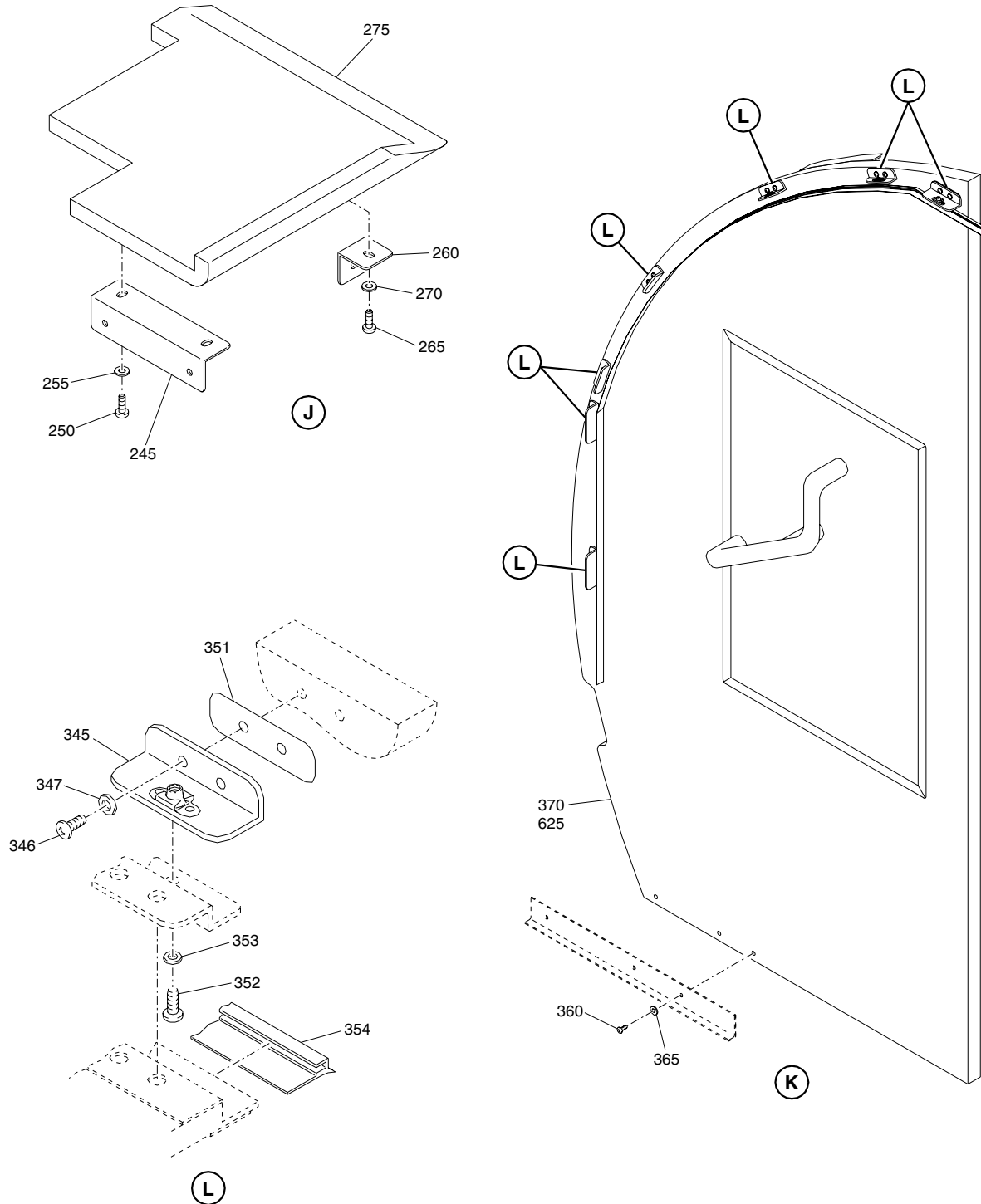


Side Entry Lavatory Assembly  
(Sheet 4 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

# 25-40-53

Page 10087  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



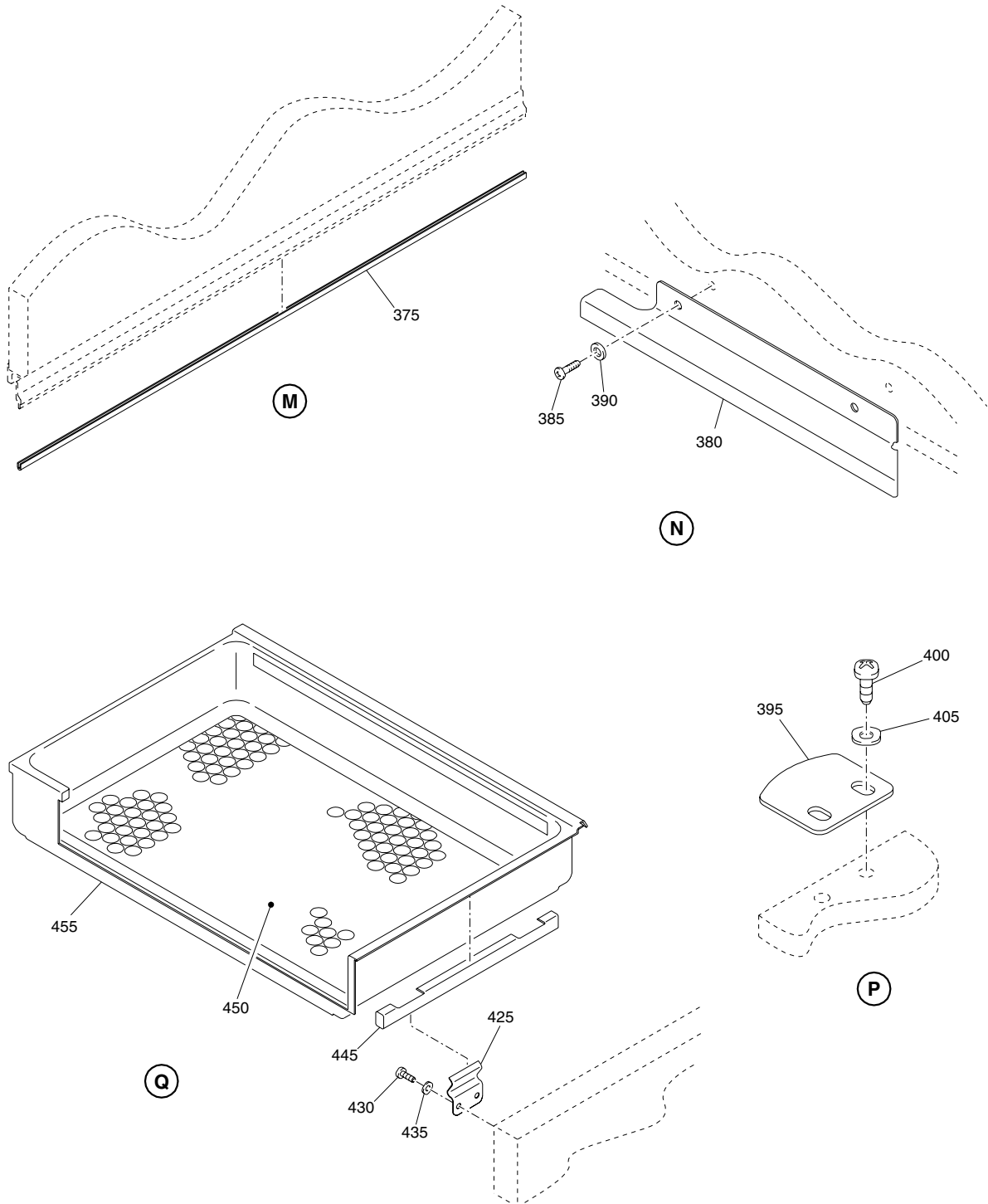
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Side Entry Lavatory Assembly  
(Sheet 5 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

**25-40-53**

Page 10088  
May 05/23

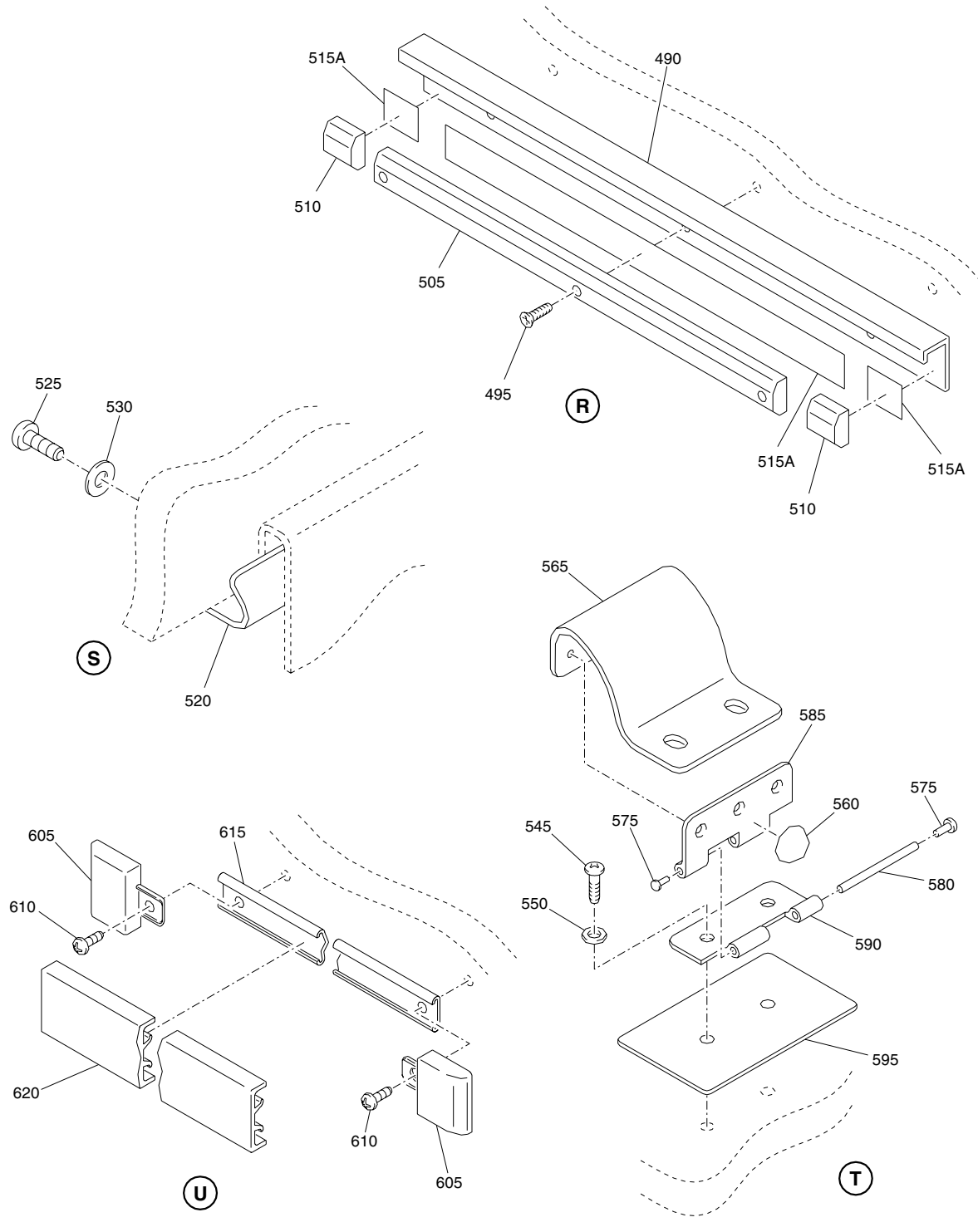
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Side Entry Lavatory Assembly  
(Sheet 6 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

2540530106

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



2540530107

Side Entry Lavatory Assembly  
(Sheet 7 of 7)  
Figure 1/GRAPHIC 25-40-53-99b-001-A01

**25-40-53**

Page 10090  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1	– 1	A412001-101	LAVATORY ASSY, SIDE ENTRY	A	RF
	– 1A	A412001-103	LAVATORY ASSY, SIDE ENTRY	B	RF
	– 1B	A412001-105	LAVATORY ASSY, SIDE ENTRY	C	RF
	– 1C	A412001-107	LAVATORY ASSY, SIDE ENTRY	D	RF
	– 1D	A412001-109	LAVATORY ASSY, SIDE ENTRY	E	RF
	– 1E	A412001-111	LAVATORY ASSY, SIDE ENTRY	F	RF
	– 1F	A412001-113	LAVATORY ASSY, SIDE ENTRY	G	RF
	– 1G	A412001-115	LAVATORY ASSY, SIDE ENTRY	H	RF
	– 1H	A412001-117	LAVATORY ASSY, SIDE ENTRY	J	RF
	– 1J	A412001-119	LAVATORY ASSY, SIDE ENTRY	K	RF
	– 1K	A412001-121	LAVATORY ASSY, SIDE ENTRY	L	RF
	– 1L	A412002-149	DELETED (INC BY MISTAKE)	M	D
	– 1M	A412002-151	DELETED (INC BY MISTAKE)	N	D
	– 1N	A412002-153	DELETED (INC BY MISTAKE)	P	D
	– 1P	A412001-123	LAVATORY ASSY, SIDE ENTRY	Q	RF
	– 1Q	A412001-125	LAVATORY ASSY, SIDE ENTRY	R	RF
	– 5	A412001-501	. MAIN UNIT ASSY, LAV C	A	1
	– 5A	A412001-503	. MAIN UNIT ASSY, LAV C	B	1
	– 5B	A412001-505	. MAIN UNIT ASSY, LAV E	C	1
	– 5C	A412001-507	. MAIN UNIT ASSY, LAV E	D	1
	– 5D	A412001-509	. MAIN UNIT ASSY, LAV E	E	1
	– 5E	A412001-511	. MAIN UNIT ASSY, LAV E	F	1
	– 5F	A412001-513	. MAIN UNIT ASSY, LAV E	G	1
	– 5G	A412001-515	. MAIN UNIT ASSY, LAV A	H	1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1	– 5H	A412001-517	. MAIN UNIT ASSY, LAV E	J	1
	– 5J	A412001-519	. MAIN UNIT ASSY, LAV E	K	1
	– 5K	A412001-521	. MAIN UNIT ASSY, LAV E	L	1
	– 5L	A412001-523	. DELETED (INC BY MISTAKE)	M	D
	– 5M	A412001-525	. DELETED (INC BY MISTAKE)	N,P	D
	– 5N	A412001-523	. MAIN UNIT ASSY, LAV E	Q	1
	– 5P	A412001-525	. MAIN UNIT ASSY, LAV E	R	1
	10	A412004-501	.. STRUCTURE ASSY, BONDED SEE FIG. 2 FOR DET	A,B	1
	– 10A	A412004-503	.. STRUCTURE ASSY, BONDED SEE FIG. 2 FOR DET	C,D,E	1
	– 10B	A412004-505	.. STRUCTURE ASSY, BONDED SEE FIG. 2 FOR DET	F-K	1
	– 10C	A412004-507	.. STRUCTURE ASSY, BONDED SEE FIG. 2 FOR DET	L,Q,R	1
	15	9342005-503	.. ELECTRICAL INSTL SEE FIG. 3 FOR DET	A	1
	– 15A	9342005-509	.. ELECTRICAL INSTL SEE FIG. 3 FOR DET	B	1
	– 15B	9342005-507	.. ELECTRICAL INSTL SEE FIG. 3 FOR DET	C	1
	– 15C	9342005-515	.. ELECTRICAL INSTL SEE FIG. 3 FOR DET	D	1
	– 15D	9342005-519	.. ELECTRICAL INSTL SEE FIG. 3 FOR DET	E-G	1
	– 15E	A412005-501	.. ELECTRICAL INSTL SEE FIG. 3A FOR DET	H-L,Q,R	1
	20	A412006-501	.. PLUMBING INSTL SEE FIG. 4 FOR DET	A,B	1
	– 20A	9342006-503	.. PLUMBING INSTL SEE FIG. 4A FOR DET	C,D,E	1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 20B	9342006-505		.. PLUMBING INSTL SEE FIG. 4A FOR DET	F-L,Q,R	1
– 23	9342006-503		.. PLUMBING INSTL (MOVED TO ITEM -20A) SEE FIG. 4A FOR DET	C,D,E	D
– 23A	9342006-505		.. PLUMBING INSTL (MOVED TO ITEM -20B) SEE FIG. 4A FOR DET	F-L,Q,R	D
25	CD1054-1		.. NAMEPLATE (BONDED) (RF TABLE 2 FOR TRIM AND FINISH)		1
– 30	AD32BS		.. NAMEPLATE (INCORRECT PN)		D
30A	CDPL160-13		.. NAMEPLATE (BONDED) (RF TABLE 2 FOR TRIM AND FINISH) (CORRECT PN)		1
			ATTACHING PARTS		
– 35	AD32BS		.. RIVET  * * *		8
– 37	CDSP604		.. PLACARD, SB INCORPORATION (BONDED) (TRUE PN CDSP604-1-934X701-25-01) ADDED POST SB 934X701-25-01		1
40	CDSP2110-501		.. TIE ROD ASSY  ATTACHING PARTS		1
42	MS21042L6		.. NUT		1
– 45	NAS6606-12		.. BOLT (MOVED TO ITEM 52)		D
50	NAS1149F0632P		.. WASHER		2
52	NAS6606-12		.. BOLT		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 55	MS21042L6		.. NUT (MOVED TO ITEM 42)  * * *		D
– 60	CDSP2110-601		... CLEVIS ASSY		1
65	9341216-3		.... BUSHING		2
70	CDSP2110-1		.... CLEVIS		1
75	M819351-6KL		... ROD END, LH (TRUE PN M81935/1-6KL)		1
80	NAS509-6		... NUT, JAM DRILLED RH		1
85	NAS509L6		... NUT, JAM DRILLED LH		1
90	NAS513-6		... WASHER-ROD END, LOCKING		2
95	CDSP2110-3		... ROD BODY		1
100	CDSP3900-1		.. ASHTRAY  ATTACHING PARTS		1
105	NAS514P632-6		.. SCREW  * * *		2
– 110	CDSP5905-06-13		.. INSERT (BONDED)		2
– 115	A412001-1		.. DECOR (BONDED)		AR
– 115A	S011845		.. DECOR (BONDED) ADDED POST SB A412001-25-01	D	AR
– 115B	S011845		.. DECOR (BONDED) ADDED POST SB A412001-25-02	F	AR
– 115C	S011847		.. DECOR (BONDED) ADDED POST SB A412001-25-01	D	AR
– 115D	S011847		.. DECOR (BONDED) ADDED POST SB A412001-25-02	F	AR

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 116	CDPL604-1		.. PLACARD, SB INCORPORATION (BONDED) (TRUE PN CDPL604-1-A412001-25-01)	D	1
– 116A	CDPL604-1		.. PLACARD, SB INCORPORATION (BONDED) (TRUE PN CDPL604-1-A412001-25-02)	F	1
120	9341308-1		.. TRIM, VERTICAL CORNER  ATTACHING PARTS		1
125	NAS514P832-6		.. SCREW  * * *		7
130	9324710-1		.. BRACKET  ATTACHING PARTS	A-E	2
135	NAS603-6P		.. SCREW	A-E	4
140	NAS1149F0332P		.. WASHER  * * *	A-E	4
145	NAS604-10P		.. SCREW		2
150	9721035-1		.. WASHER, RUBBER		2
155	CDSP5506-1		.. BUSHING		2
160	65-5458-21B		.. CUP, ASSIST HANDLE (V81205)		2
165	65-5458-20B		.. HANDLE, ASSIST (V81205)		1
– 170	TRBR10W		.. SOAP BOTTLE (V18195) (TRUE PN TR-BR10W) SUPSD BY ITEM 170A	A-C,E,G J-L,Q,R	1
170A	TRBR10WE		.. BOTTLE, SOAP DISPENSER (V18195) (TRUE PN TR-BR10WE) SUPSDS ITEM -170	A-C,E,G J-L,Q,R	1
– 170B	9342103-501		.. SOAP DISPENSER INSTL	D,F,H	1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 171	9342103-501		.. SOAP DISPENSER INSTL (MOVED TO ITEM -170B)	D,F,H	D
– 175	9341111-501		.. COUNTERTOP INSTL	A-C,E, G-L,Q,R	1
– 175A	9341111-503		.. COUNTERTOP INSTL	D,F	1
180	9341377-1		... BRACKET, ANGLE ATTACHING PARTS		1
185	MS51957-43B		... SCREW		5
190	NAS1149CN816R		... WASHER * * *		5
195	9341306-1		... BRACKET, ANGLE ATTACHING PARTS		1
200	MS51957-43B		... SCREW		6
– 205	NAS1149C0332R		... WASHER (INCORRECT PN)		D
205A	NAS1149CN816R		... WASHER (CORRECT PN) * * *		6
210	MS51958-64		... SCREW		2
215	NAS1149C0332R		... WASHER		2
220	9341405-501		... COUNTERTOP ASSY SEE FIG. 15 FOR DET	A-C,E, G-L,Q,R	1
– 220A	9341405-503		... COUNTERTOP ASSY SEE FIG. 15 FOR DET	D,F	1
225	9341260-501		.. BEZEL ASSY (BONDED)		1
230	9341112-501		.. BOX INSTL, AMENITY SEE FIG. 5 FOR DET		1
235	9341113-503		.. MIRROR INSTL, DOOR SEE FIG. 6 FOR DET	A-E	1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 235A	A417113-501		.. MIRROR INSTL, DOOR SEE FIG. 6A FOR DET	F-L,Q,R	1
– 240	9342114-501		.. CLOSEOUT PANEL INSTL, TOP	A-C	1
245	9341317-1		... ANGLE, MOUNTING  ATTACHING PARTS	A-C	1
250	NAS603-6		... SCREW	A-C	4
255	NAS1149F0332P		... WASHER  * * *	A-C	4
260	9341317-3		... ANGLE, MOUNTING  ATTACHING PARTS	A-C	1
265	NAS603-6		... SCREW	A-C	2
270	NAS1149F0332P		... WASHER  * * *	A-C	2
275	9342208-501		... PANEL ASSY, CLOSURE (RF TABLE 2 FOR TRIM AND FINISH)	A-C	1
– 277	CDSP5905-3-13		.... INSERT (BONDED)	A-C	3
– 278	9342208-3		.... DECOR (BONDED)	A-C	AR
– 279	9342208-1		.... PANEL	A-C	1
280	9341115-501		.. DOOR INSTL, SERVICE SEE FIG. 7 FOR DET		1
285	9341116-501		.. COMPARTMENT INSTL, WASTE SEE FIG. 8 FOR DET	A-J,Q	1
– 285A	9341116-503		.. COMPARTMENT INSTL, WASTE SEE FIG. 8 FOR DET	K,L,R	1
– 290	9341117-501		.. ACCESS PANEL INSTL, WATER HEATER	A-E	1
– 290A	9341118-501		.. ACCESS PANEL INSTL, WATER HEATER	F-L,Q,R	1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 295	9341374-501		... BRACKET ASSY	A-E	1
- 295A	9341386-501		... BRACKET ASSY	F-L,Q,R	1
			ATTACHING PARTS		
300	NAS1096-2-3		... SCREW		2
- 302	MS24693C51		... SCREW (TRUE PN MS24693-C51)	F-L,Q,R	1
305	NAS1149FN832P		... WASHER		2
			* * *		
306	C1663-012-1		.... SPEED CLIP (V3F8S3)	A-E	1
- 306A	MS21076-08		.... NUTPLATE	F-L,Q,R	1
			ATTACHING PARTS		
- 307	MS20426AD4-3		.... RIVET	A-E	2
- 307A	MS20426AD3-3		.... RIVET	F-L,Q,R	2
			* * *		
- 308	9341374-1		.... BRACKET	A-E	1
- 308A	9341386-1		.... BRACKET	F-L,Q,R	1
- 310	9341374-3		... PLATE (BONDED)		1
- 311	9341371-1		.... DELETED	A-E	D
- 315	9341225-501		... ACCESS PLATE ASSY	A-E	1
- 315A	9341223-501		... ACCESS PLATE ASSY	F-L,Q,R	1
316	9341225-5		.... CLIP		1
			ATTACHING PARTS		
317	MS51957-25B		.... SCREW		2
318	NAS1149CN616R		.... WASHER		2
			* * *		

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 319	P116-447-6-24A		.... STUD, BALL (V3ECA8)	A-E	1
319A	9341225-1		.... PLATE	A-E	1
– 319B	CDEX0366-1		.... SEAL, RUBBER (BONDED)	A-E	AR
319C	9341225-601		.... PANEL ASSY (BONDED)	A-E	1
– 319D	CDSP5905C06-06		..... DELETED	A-E	D
– 319E	9341223-3		.... EXTRUSION (BONDED)	F-L,Q,R	AR
– 319F	9341225-7		.... PLATE		1
– 319G	9341223-601		.... PANEL ASSY (BONDED)	F-L,Q,R	1
– 319H	9341225-3		..... DELETED	A-E	D
320	9342132-501		.. CEILING INSTL, DROP SEE FIG. 9 FOR DET		1
325	A412010-501		.. AIR DUCT INSTL SEE FIG. 10 FOR DET	A,B	1
– 325A	A411010-501		.. AIR DUCT INSTL SEE FIG. 10A FOR DET	C-E	1
– 325B	A411020-501		.. AIR DUCT INSTL SEE FIG. 10B FOR DET	F-K	1
– 325C	9341010-511		.. AIR DUCT INSTL SEE FIG. 10C FOR DET	L,Q,R	1
– 327	A411010-501		.. AIR DUCT INSTL (MOVED TO ITEM -325A) SEE FIG. 10A FOR DET	C-E	D
– 328	A411020-501		.. AIR DUCT INSTL (MOVED TO ITEM -325B) SEE FIG. 10B FOR DET	F-K	D
– 329	9341010-511		.. AIR DUCT INSTL (MOVED TO ITEM -325C) SEE FIG. 10C FOR DET	L,Q,R	D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 330	NAS603-8P		.. SCREW (MOVED TO ITEM 346)		D
– 335	NAS1149F0332P		.. WASHER (MOVED TO ITEM 347)		D
– 340	9341363-9		.. SPACER (MOVED TO ITEM -348)		D
345	9341254-501		.. BRACKET ASSY	A,B,D-L, Q,R	7
			ATTACHING PARTS		
346	NAS603-8P		.. SCREW	A,B,D-L, Q,R	14
347	NAS1149F0332P		.. WASHER	A,B,D-L, Q,R	14
			* * *		
– 348	MS21075L3N		... NUTPLATE	A,B,D-L, Q,R	1
			ATTACHING PARTS		
– 349	MS20426AD3-4		... RIVET	A,B,D-L, Q,R	2
			* * *		
– 350	9341254-1		... BRACKET	A,B,D-L, Q,R	1
351	9341363-9		.. SPACER	A,B,D-L, Q,R	6
352	MS27039-1-10		.. SCREW	A,B,D-L, Q,R	7
353	NAS1149F0332P		.. WASHER	A,B,D-L, Q,R	7
354	A412001-3		.. SEAL, RUBBER (BONDED)		1
355	9341307-1		.. TRIM, SERVICE COMPT (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1	360	NAS603-14P	.. SCREW	A,B,D-L, Q,R	3
	365	NAS1149F0332P	.. WASHER	A,B,D-L, Q,R	3
	370	A423001-505	.. 9G BULKHEAD ASSY (SEE CMM 25-52-16 FOR DET)	A,B	1
	375	A412001-5	.. SEAL (BONDED)		1
	380	A412355-1	.. SEAT TRACK COVER  ATTACHING PARTS		1
	385	MS24693C48	.. SCREW (TRUE PN MS24693-C48)		2
	390	CDSP5801-2CP	.. WASHER  * * *		2
	395	9341362-1	.. RETAINER  ATTACHING PARTS		2
	400	NAS603-6P	.. SCREW		4
	405	NAS1149F0332P	.. WASHER  * * *		4
- 410	MS27039-1-10		.. SCREW (MOVED TO ITEM 352)	A,B,D-L, Q,R	D
- 415	NAS1149F0332P		.. WASHER (MOVED TO ITEM 353)	A,B,D-L, Q,R	D
- 420	9342102-501		.. PAN INSTL, FLOOR	A,B,D-L, Q,R	1
- 420A	9342102-503		.. PAN INSTL, FLOOR	C	1
	425	9341361-1	... CLIP, SPRING  ATTACHING PARTS		2
	430	MS51957-44B	... SCREW		4

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 435	NAS1149CN832R		... WASHER  * * *		4
- 440	9341402-503		... PAN ASSY, FLOOR (RF TABLE 2 FOR TRIM AND FINISH)	A,B,D-L, Q,R	1
- 440A	9341402-505		... PAN ASSY, FLOOR (RF TABLE 2 FOR TRIM AND FINISH)	C	1
445	9341457-5		.... BRACKET (BONDED)		1
450	9341402-7		.... MAT, FLOOR		1
455	9341402-5		.... PAN, FLOOR	A,B,D-L, Q,R	1
- 455A	9341402-9		.... PAN, FLOOR	C	1
- 460	9341402-11		.... VELCRO, LOOP (BONDED)		1
465	9342131-503		.. DOOR INSTL, ENTRY SEE FIG. 11 FOR DET	A,B	1
- 465A	9342131-505		.. DOOR INSTL, ENTRY SEE FIG. 11 FOR DET	C	1
- 465B	9342131-507		.. DOOR INSTL, ENTRY SEE FIG. 11 FOR DET	D-L,Q	1
- 465C	9342131-507		.. DOOR INSTL, ENTRY SEE FIG. 11 FOR DET SUPSD BY ITEM -465D	R	1
- 465D	9342131-511		.. DOOR INSTL, ENTRY SEE FIG. 11 FOR DET SUPSDS ITEM -465C	R	1
470	9341101-501		.. TANK INSTL, TOILET SEE FIG. 12 FOR DET		1
- 475	9341403-503		. SHROUD ASSY, TOILET (MOVED TO ITEM 660) SEE FIG. 13 FOR DET		D

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 475A	A415403-501		. SHROUD ASSY, TOILET (MOVED TO ITEM -660A) SEE FIG. 13A FOR DET		D
– 480	9341141-503		. DELETED		D
490	9341313-501		.. TRIM ASSY		1
			ATTACHING PARTS		
495	MS24693C52		.. SCREW (TRUE PN MS24693-C52)		3
			* * *		
– 500	9341314-1		... TRIM		1
505	9341458-1		... SPACER		1
510	9341458-3		... SPACER		2
– 515	3M4945		... DOUBLE SIDED, FOAM TAPE (V04963) (BONDED) (TRUE PN 3M#4945) SUPSD BY ITEM 515A		AR
515A	3M4932		... DOUBLE SIDED, FOAM TAPE (V04963) (BONDED) (TRUE PN 3M#4932) SUPSDS ITEM -515		AR
520	9341361-3		.. CLIP, SPRING		4
			ATTACHING PARTS		
525	MS51957-42		.. SCREW		8
530	NAS1149CN816R		.. WASHER		8
			* * *		
535	7707		.. BUMPER (V27821) (BONDED)	A-J,L,Q	1
– 535A	7707		.. BUMPER (V27821) (BONDED) SUPSD BY ITEM -535B	K,R	1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 535B	A415110-1		.. BUMPER (BONDED) SUPSDS ITEM -535A	K,R	1
– 540	9341228-503		.. HINGE ASSY  ATTACHING PARTS		2
545	NAS603-6P		.. SCREW		4
550	NAS1149F0332P		.. WASHER  * * *		4
560	SJ5303		... BUMPON, TRANSPARENT (V04963)		1
565	9341228-9		... HINGE  ATTACHING PARTS		1
– 566	MS20426AD3-4		... RIVET  * * *		3
– 570	9341228-601		... HINGE ASSY, SUB		1
575	MS21318-15		.... SCREW, DRIVE		2
580	MS20253P2-0122		.... PIN		1
585	9341228-11		.... HINGE		1
590	9341228-7		.... HINGE		1
595	9341368-7		.. BACKPLATE		2
– 600	9393401-507		.. RUBSTRIP INSTL	C-L,Q,R	1
605	M25L1006-9		... END CAP, LIGHT GRAY (V1QGN5)  ATTACHING PARTS	C-L,Q,R	2
610	NAS514P632-6		... SCREW  * * *	C-L,Q,R	2
615	9393401-57		... RETAINER	C-L,Q,R	1
620	9393401-7		... RUBSTRIP	C-L,Q,R	1

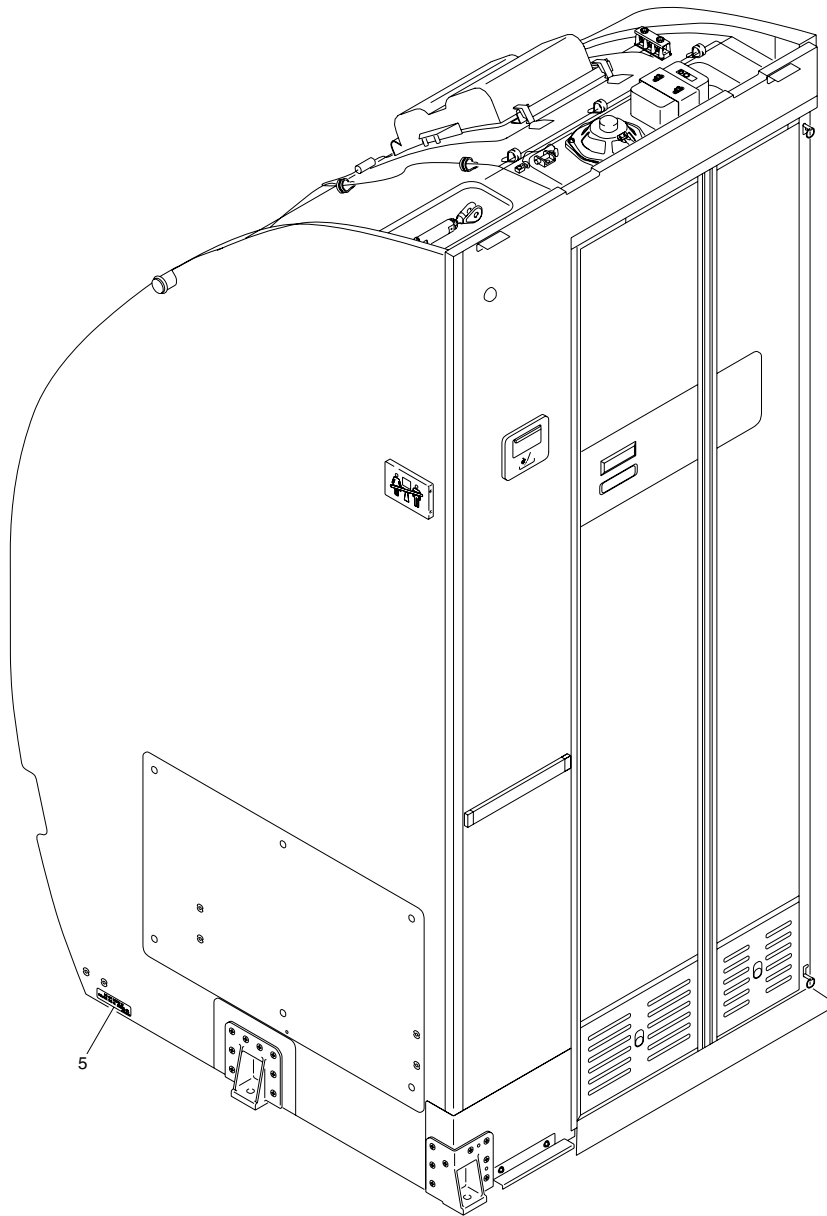
– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 625	9402001-519		. . BULKHEAD ASSY SEE FIG. 16 FOR DET	C-L,Q,R	1
- 630	9341317-1		. . ANGLE, MOUNTING ATTACHING PARTS	C-L,Q,R	1
- 635	NAS603-6P		. . SCREW	C-L,Q,R	2
- 640	NAS1149F0332P		. . WASHER * * *	C-L,Q,R	2
- 645	9341317-3		. . ANGLE, MOUNTING ATTACHING PARTS	C-L,Q,R	1
- 650	NAS603-6P		. . SCREW	C-L,Q,R	1
- 655	NAS1149F0332P		. . WASHER * * *	C-L,Q,R	1
660	9341403-503		. SHROUD ASSY, TOILET SEE FIG. 13 FOR DET	A,B,D-L, Q,R	1
- 660A	A415403-501		. SHROUD ASSY, TOILET SEE FIG. 13A FOR DET	C	1
- 665	CDPL604-1		. SB INCORPORATION PLACARD (BONDED) (TRUE PN CDPL604-1-9327336-25-05) ADDED POST SB 9327336-25-05		1
- 665A	CDPL604-1		. DELETED (INC BY MISTAKE)		D

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



25405301A01

Side Entry Lavatory Assembly  
Figure 1A/GRAPHIC 25-40-53-99b-002-A01

**25-40-53**

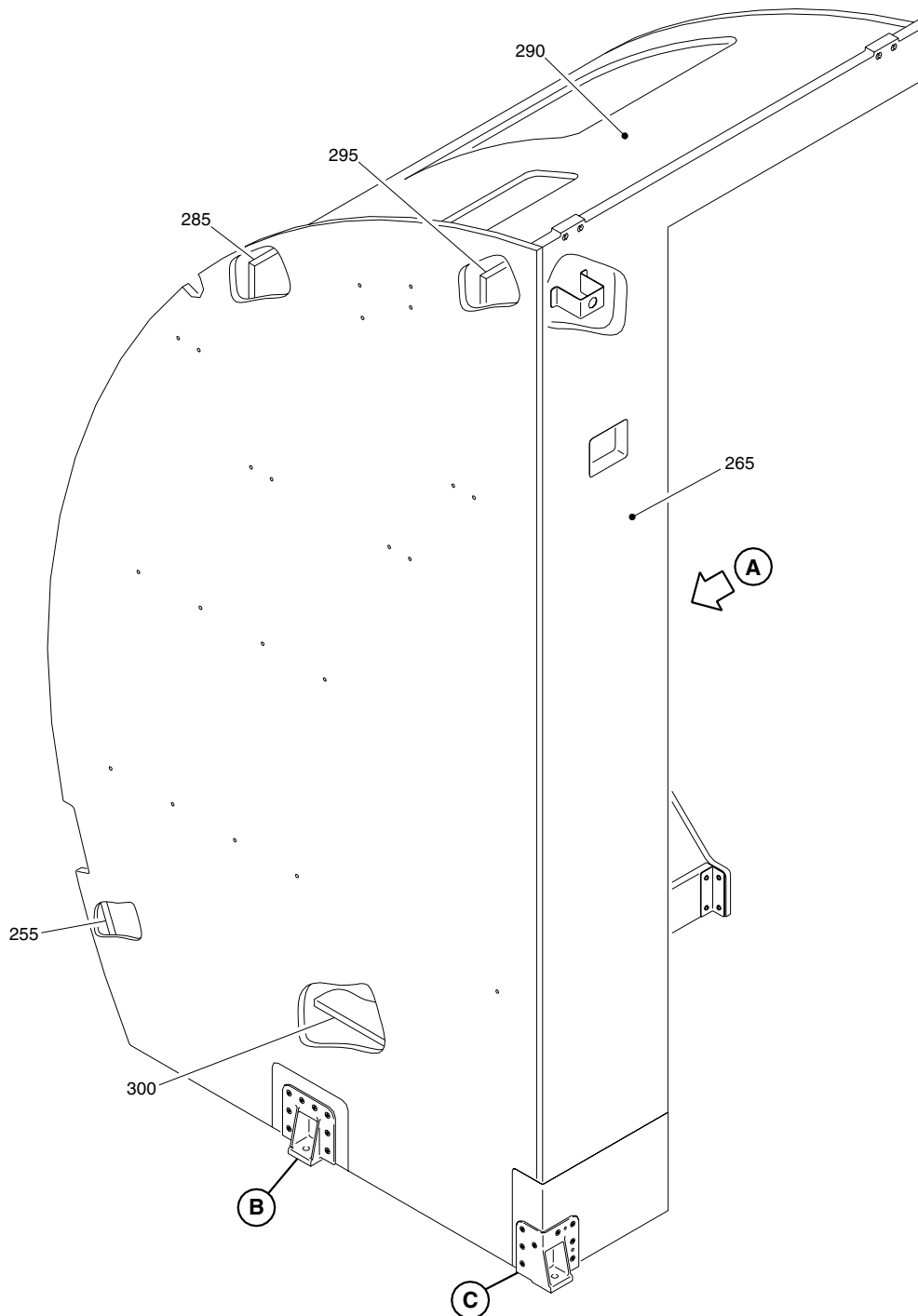
Page 10106  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1A – 1	K042702-101		LAVATORY ASSY, SIDE ENTRY		RF
5	CDPL603-1K04270		. PLACARD, MODIFICATION INCORPORATION (BONDED) (TRUE PN CDPL603-1-K042702-101)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



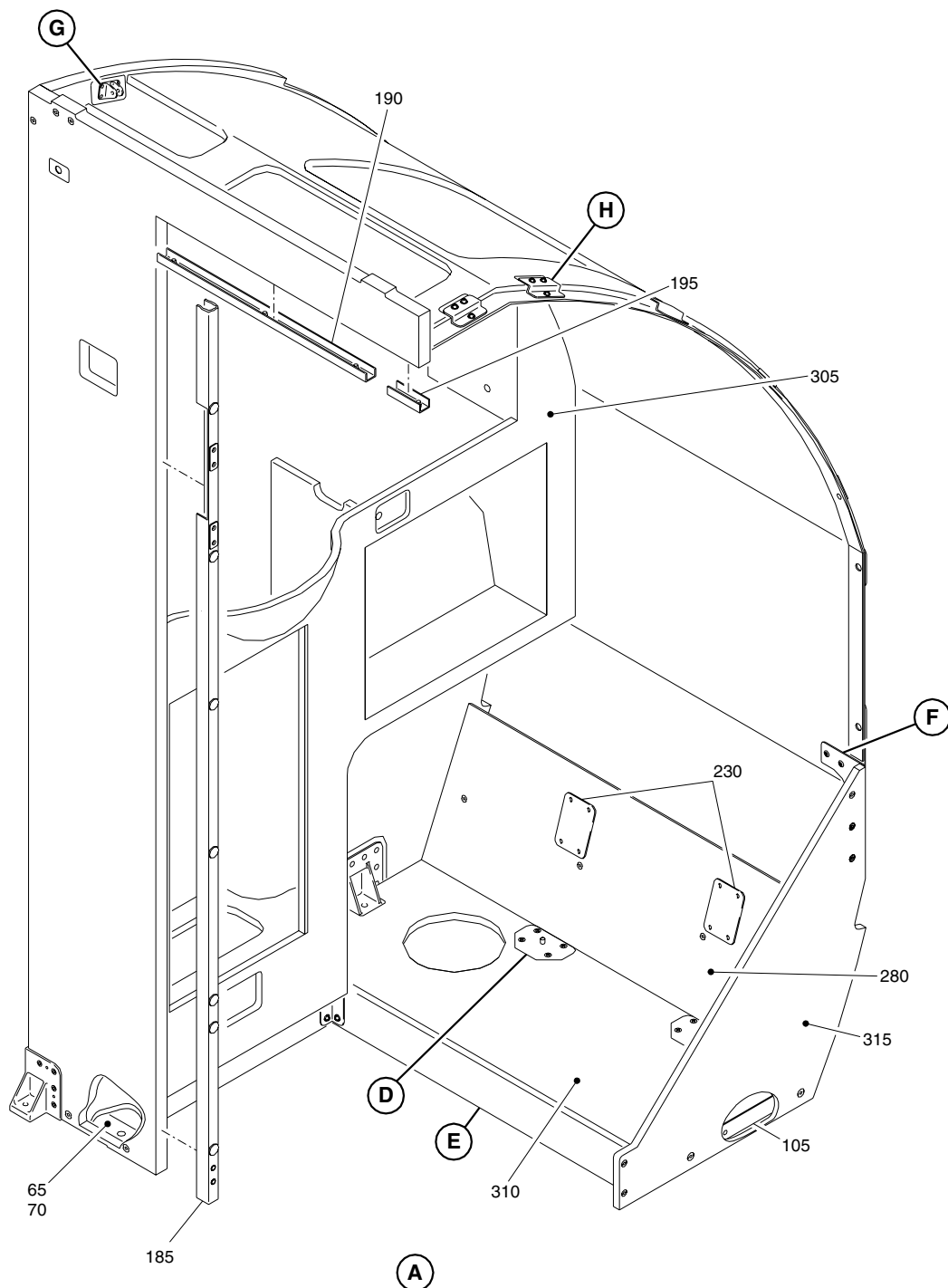
Bonded Structure Assembly  
(Sheet 1 of 5)  
Figure 2/GRAPHIC 25-40-53-99b-003-A01

2540530201

**25-40-53**

Page 10108  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



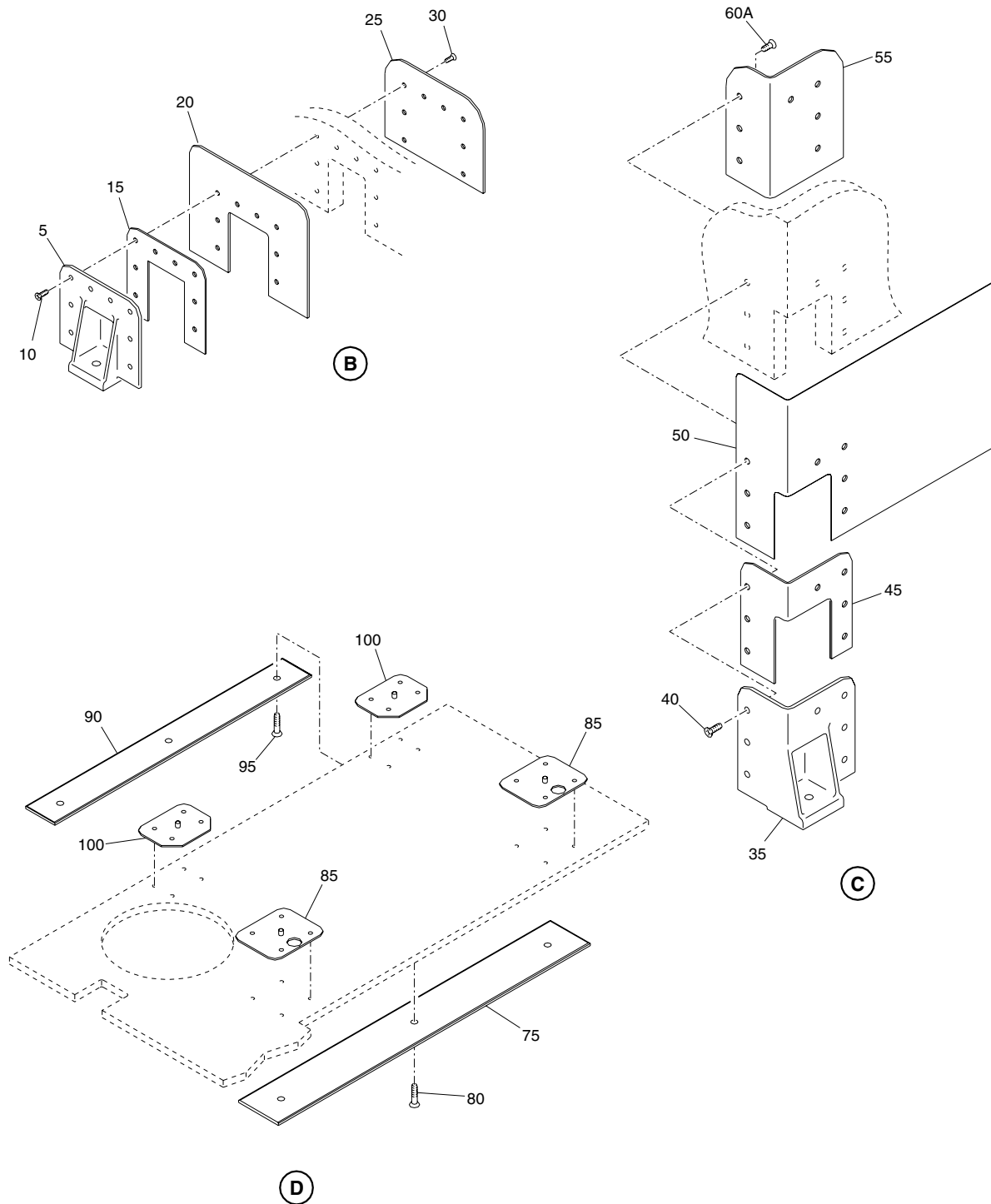
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Bonded Structure Assembly  
(Sheet 2 of 5)  
Figure 2/GRAPHIC 25-40-53-99b-003-A01

**25-40-53**

Page 10109  
May 05/23

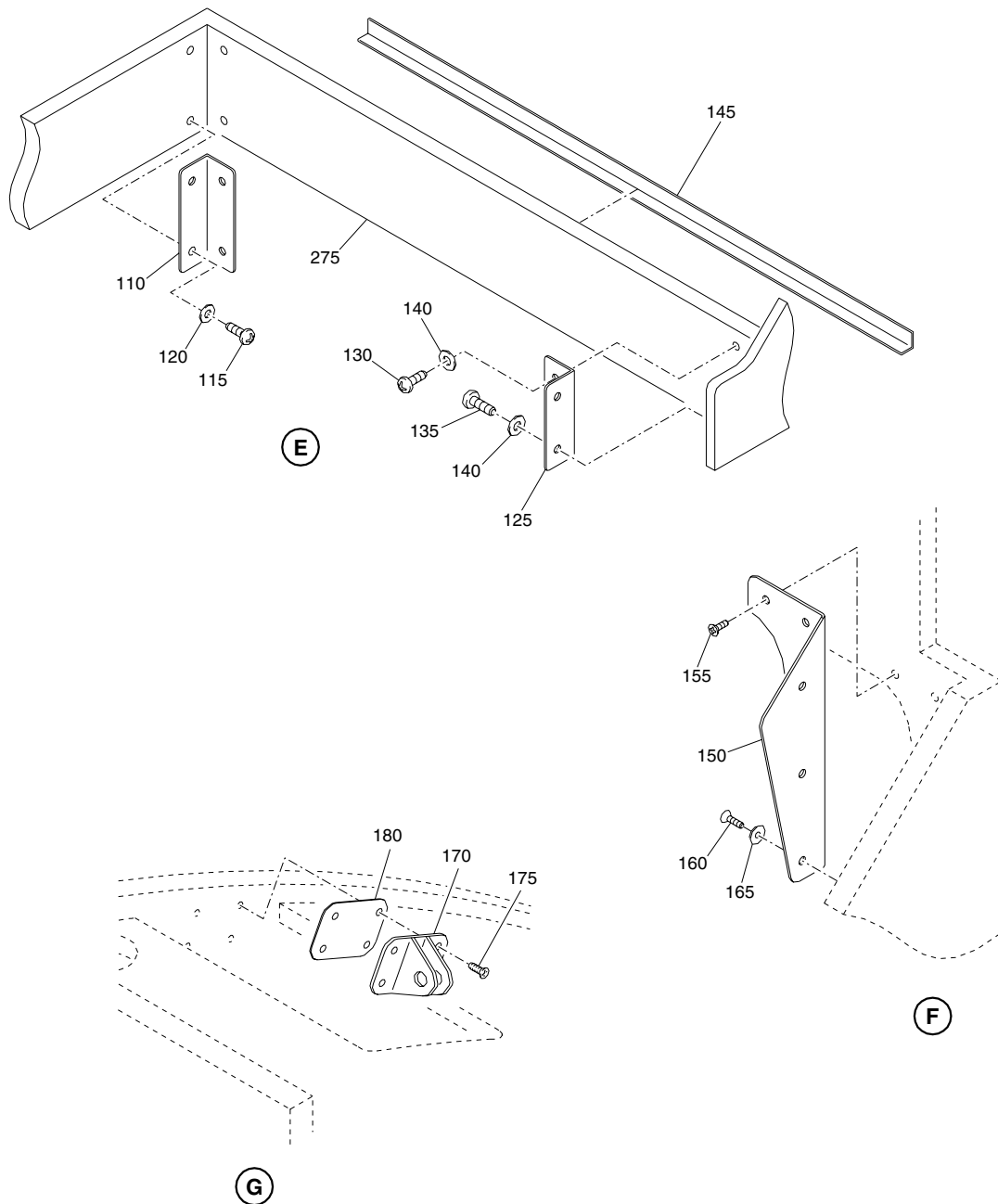
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Bonded Structure Assembly  
(Sheet 3 of 5)  
Figure 2/GRAPHIC 25-40-53-99b-003-A01

2540530203

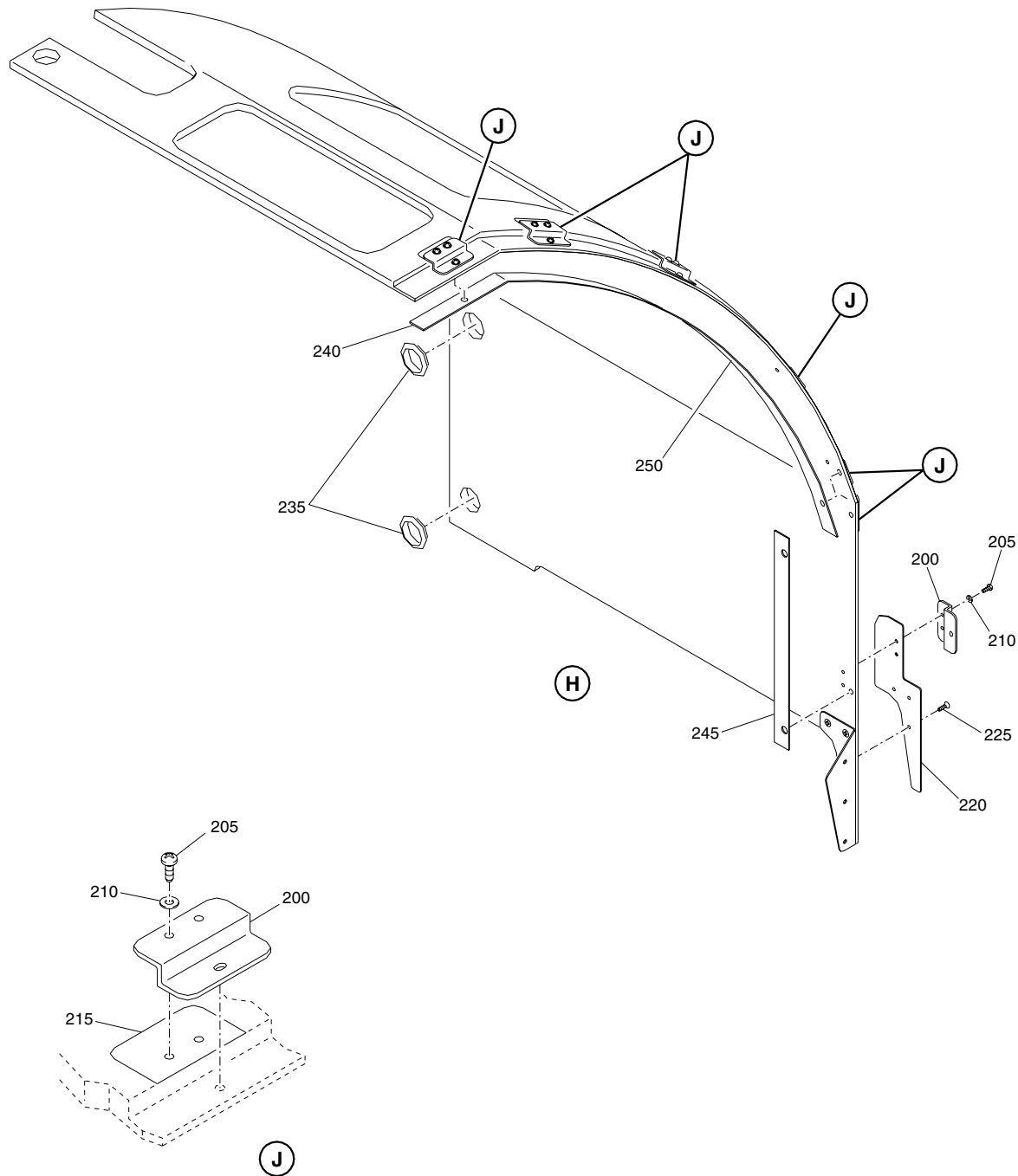
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Bonded Structure Assembly  
(Sheet 4 of 5)  
Figure 2/GRAPHIC 25-40-53-99b-003-A01

2540530204

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



2540530205

Bonded Structure Assembly  
(Sheet 5 of 5)  
Figure 2/GRAPHIC 25-40-53-99b-003-A01

**25-40-53**

Page 10112  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2 – 1	A412004-501		STRUCTURE ASSY, BONDED SEE FIG. 1 FOR NHA	A	RF
– 1A	A412004-503		STRUCTURE ASSY, BONDED SEE FIG. 1 FOR NHA	B	RF
– 1B	A412004-505		STRUCTURE ASSY, BONDED SEE FIG. 1 FOR NHA	C	RF
– 1C	A412004-507		STRUCTURE ASSY, BONDED SEE FIG. 1 FOR NHA	D	RF
5	CDSP2023-0990		. FITTING, FLOOR  ATTACHING PARTS		1
10	NAS514P1032-7		. SCREW  * * *		8
15	9341466-1		. SHEET, INSULATING		1
20	9341351-11		. DOUBLER, FLOOR FITTING (BONDED)		1
25	9341351-5		. DOUBLER, FLOOR FITTING (BONDED)  ATTACHING PARTS		1
30	NAS514P1032-4		. SCREW  * * *		8
35	9341251-1		. FITTING, FLOOR  ATTACHING PARTS		1
40	NAS514P1032-7		. SCREW  * * *		7
45	9341466-3		. SHEET, INSULATING		1
50	A412351-1		. DOUBLER, FLOOR FITTING (BONDED)		1
55	9341351-3		. DOUBLER, FLOOR FITTING (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2			ATTACHING PARTS		
- 60	NAS514P1032-7		. SCREW SUPSD BY ITEM 60A		7
60A	NAS514P1032-4		. SCREW SUPSDS ITEM -60  * * *		7
65	9341452-5		. SPACER  ATTACHING PARTS		1
70	MS24693C270		. SCREW (TRUE PN MS24693-C270)  * * *		2
75	9341452-1		. SPACER  ATTACHING PARTS		1
80	MS24693C270		. SCREW (TRUE PN MS24693-C270)  * * *		3
85	9341359-1		. DOUBLER (BONDED)		2
90	9341452-3		. SPACER  ATTACHING PARTS		1
95	MS24693C270		. SCREW (TRUE PN MS24693-C270)  * * *		3
100	9341359-3		. DOUBLER (BONDED)		2
105	9341303-1		. BRACKET, ANGLE (BONDED)		1
110	9341303-3		. BRACKET, ANGLE (BONDED)  ATTACHING PARTS		1
115	MS51958-61B		. SCREW		4

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2	120	NAS1149F0332P	. WASHER  * * *		4
	125	9341303-3	. BRACKET, ANGLE (BONDED)  ATTACHING PARTS		1
	130	MS51958-61B	. SCREW		2
	135	MS51958-59B	. SCREW		2
	140	NAS1149F0332P	. WASHER  * * *		4
	145	9341455-1	. TRIM, CLOSEOUT (BONDED)		1
	150	9341359-7	. DOUBLER (BONDED)  ATTACHING PARTS		1
	155	NAS517-3-00	. SCREW		3
	160	MS51958-59B	. SCREW		3
	165	NAS1149F0332P	. WASHER  * * *		3
	170	9341251-3	. BRACKET, FITTING  ATTACHING PARTS		1
	175	NAS514P1032-7	. SCREW  * * *		4
	180	9341351-7	. DOUBLER, FITTING (BONDED)		1
	185	9341325-501	. EXTRUSION ASSY, STAB-IN (BONDED)		1
	190	9341325-503	. EXTRUSION ASSY, STAB-IN (BONDED)		1
	195	9341325-505	. EXTRUSION ASSY, STAB-IN (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2 200	9341254-3		. BRACKET (BONDED)  ATTACHING PARTS		7
205	NAS603-8P		. SCREW		14
210	NAS1149F0332P		. WASHER  * * *		14
215	9341363-7		. SPACER (BONDED)		6
220	9341359-9		. DOUBLER (BONDED)  ATTACHING PARTS		1
225	MS24693C268		. SCREW (TRUE PN MS24693-C268)  * * *		3
230	9341359-5		. DOUBLER (BONDED)	A-C	2
235	NAS1368N22A		. GROMMET (BONDED) (ALT PN NAS1368N22F)		2
240	9342351-1		. SPACER (BONDED)		1
245	9342351-3		. SPACER (BONDED)		1
250	9342351-5		. SPACER (BONDED)		1
255	A412012-501		. PANEL ASSY, FWD (BONDED)	A	1
- 255A	A412012-503		. PANEL ASSY, FWD (BONDED)	B	1
- 255B	A412012-505		. PANEL ASSY, FWD (BONDED)	C	1
- 255C	A412012-507		. PANEL ASSY, FWD (BONDED)	D	1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2 – 260	A412012-503		. PANEL ASSY, FWD (BONDED) (MOVED TO ITEM -255A)	B	D
– 260A	A412012-505		. PANEL ASSY (BONDED) (MOVED TO ITEM -255B)	C	D
– 260B	A412012-507		. PANEL ASSY (BONDED) (MOVED TO ITEM -255C)	D	D
265	A412015-501		. PANEL ASSY, INBD (BONDED)	A	1
– 265A	A412015-503		. PANEL ASSY, INBD (BONDED)	B	1
– 265B	A412015-505		. PANEL ASSY, INBD (BONDED)	C,D	1
– 270	A412015-503		. PANEL ASSY, INBD (BONDED) (MOVED TO ITEM -265A)	B	D
– 270A	A412015-505		. PANEL ASSY (BONDED) (MOVED TO ITEM -265B)	C,D	D
275	9341018-501		. PANEL ASSY, MIDDLE CLOSEOUT (BONDED)		1
280	A412017-501		. PANEL ASSY, BOTTOM SUPPORT (BONDED)	A-C	1
– 280A	9341022-501		. PANEL ASSY, BOTTOM SUPPORT (BONDED)	D	1
285	9341020-503		. PANEL ASSY, MIRROR DIVIDER (BONDED)		1
290	A412018-501		. PANEL ASSY, CEILING OUTBD (BONDED)	A,B	1
– 290A	A412018-503		. PANEL ASSY, CEILING OUTBD (BONDED)	C,D	1
295	9341020-501		. PANEL ASSY, MIRROR DIVIDER (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2 300	9341021-501		. PANEL ASSY, SERVICE COMPT (BONDED)		1
305	9342025-501		. PANEL ASSY, LWR COMPT (BONDED)		1
310	9341011-501		. PANEL ASSY, BOTTOM (BONDED)		1
315	9341019-501		. PANEL ASSY, AFT (BONDED)		1

– ITEM NOT ILLUSTRATED

**25-40-53**

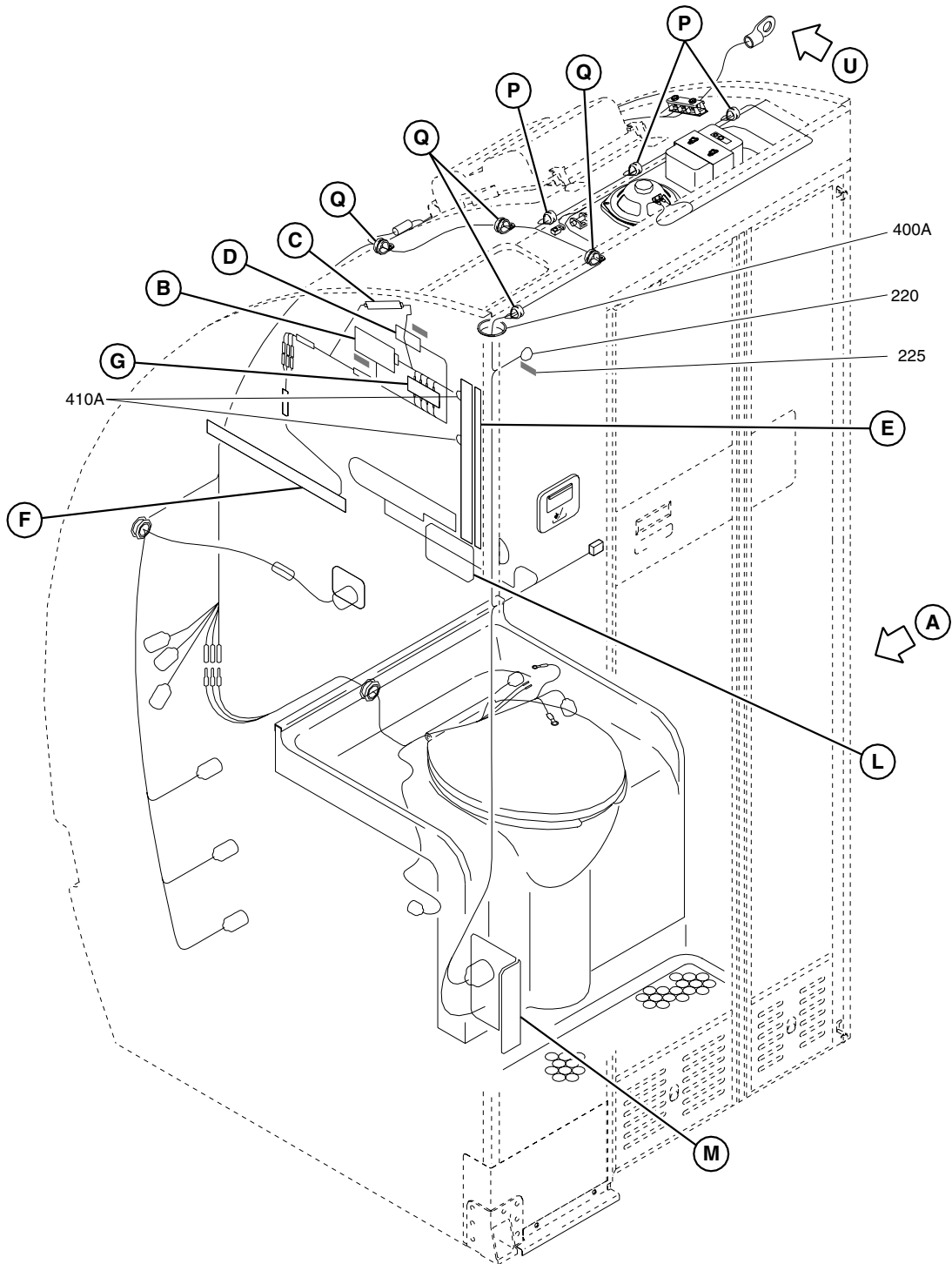
Page 10118  
May 05/23

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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A412001/K042702



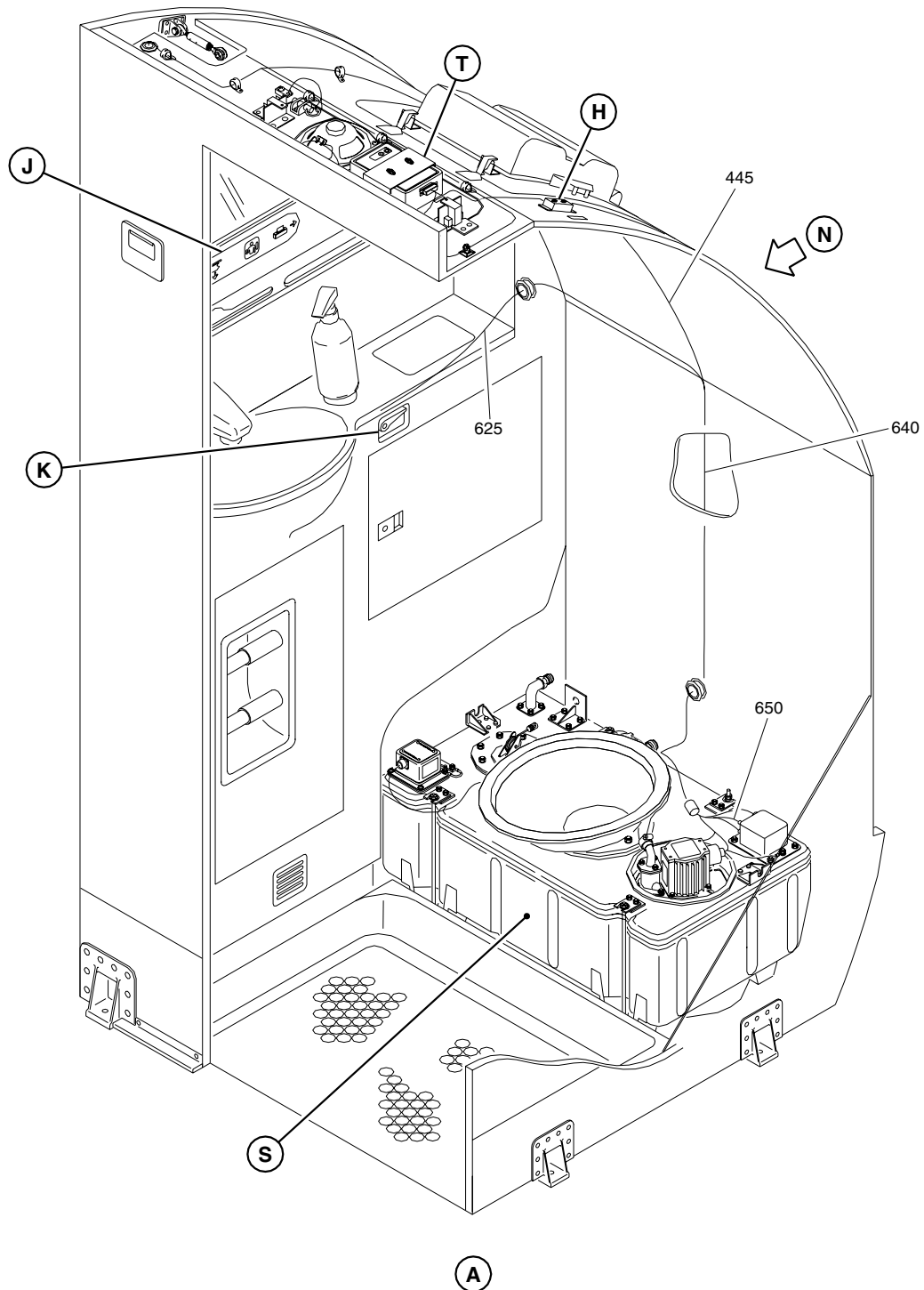
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Electrical Installation  
(Sheet 1 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

**25-40-53**

Page 10120  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Electrical Installation  
(Sheet 2 of 8)

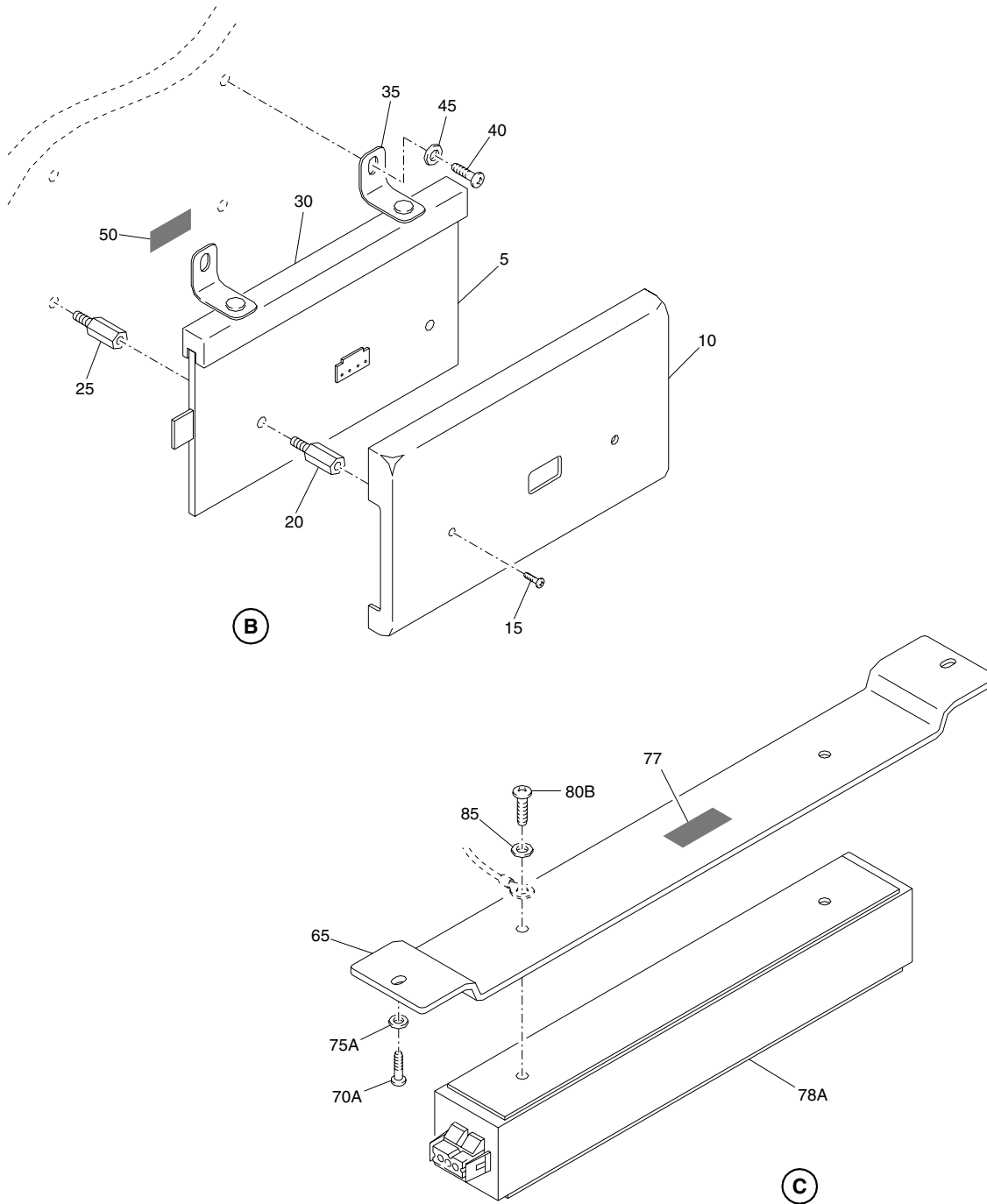
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Page 10121  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



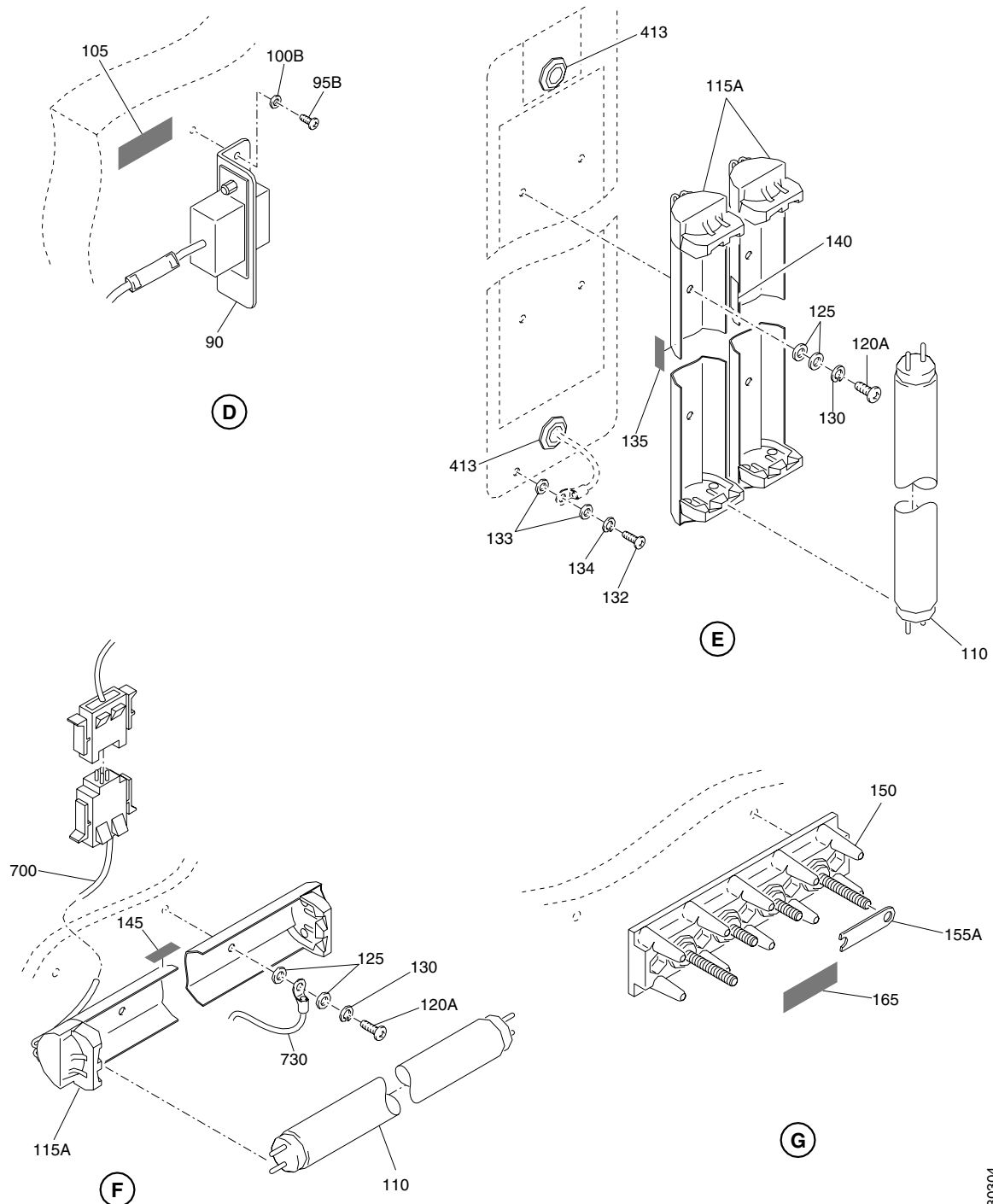
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Electrical Installation  
(Sheet 3 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

**25-40-53**

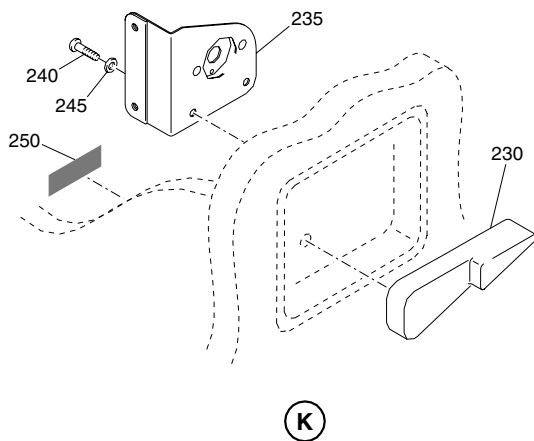
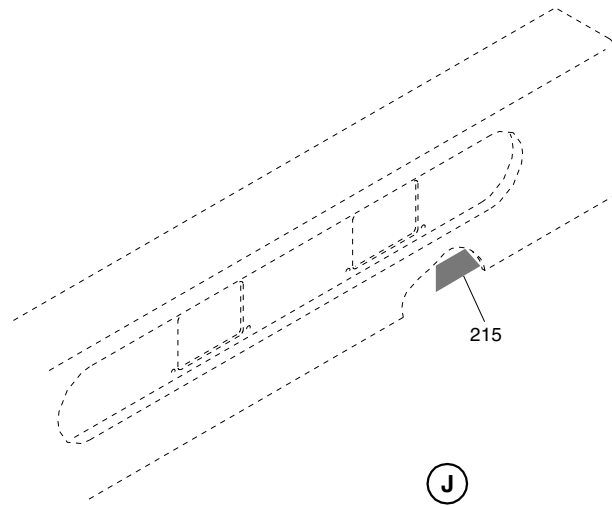
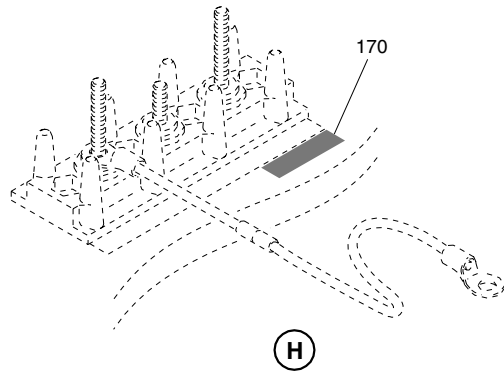
Page 10122  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Electrical Installation  
(Sheet 4 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

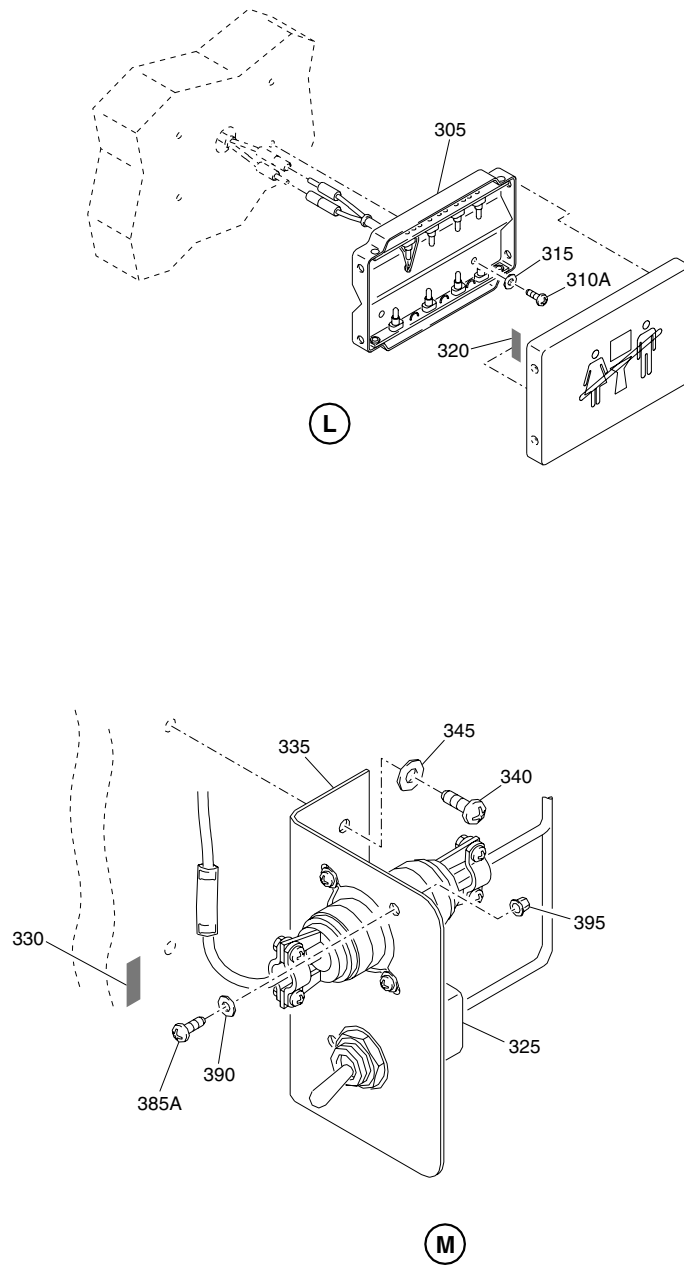
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A412001/K042702



2540530305

Electrical Installation  
(Sheet 5 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

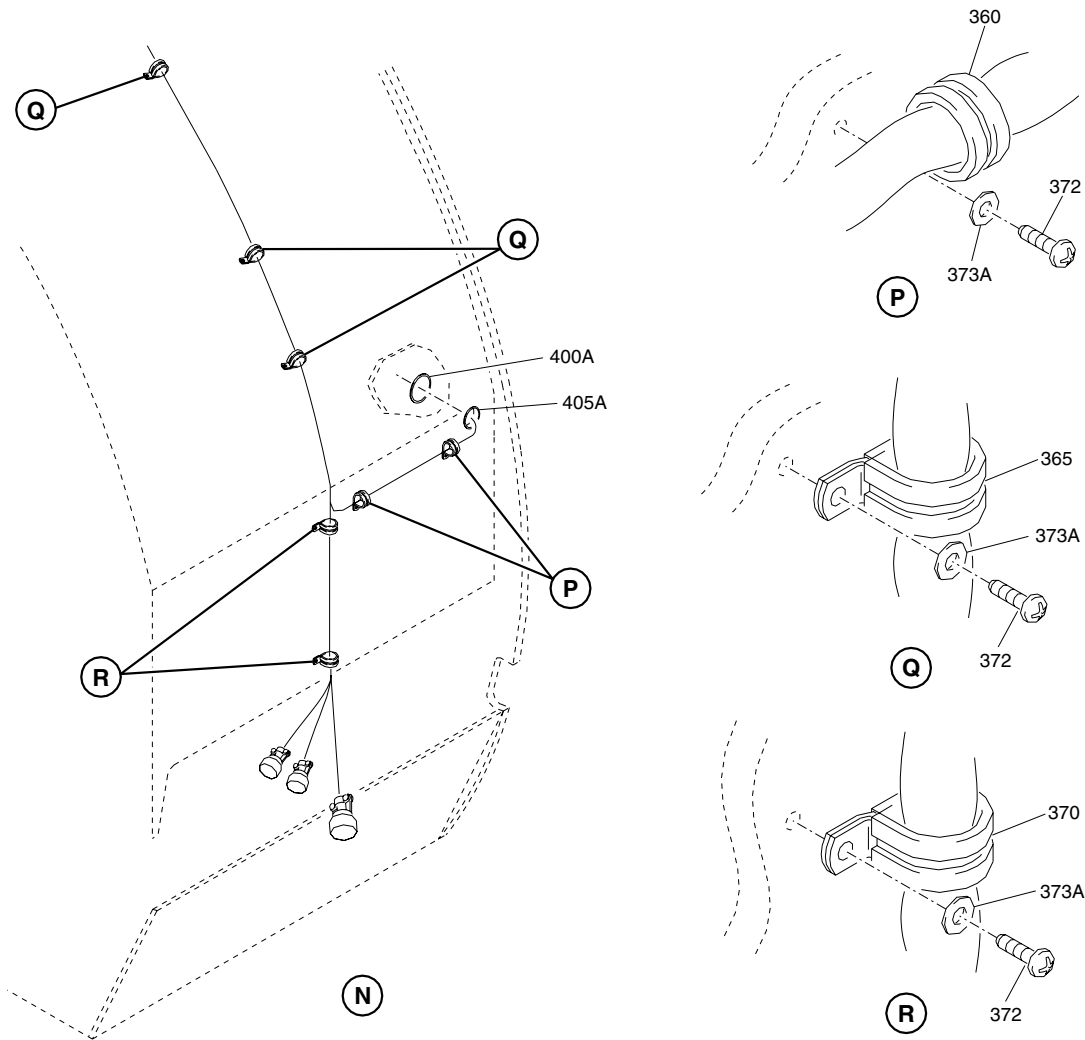
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A412001/K042702



Electrical Installation  
(Sheet 6 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

2540530306

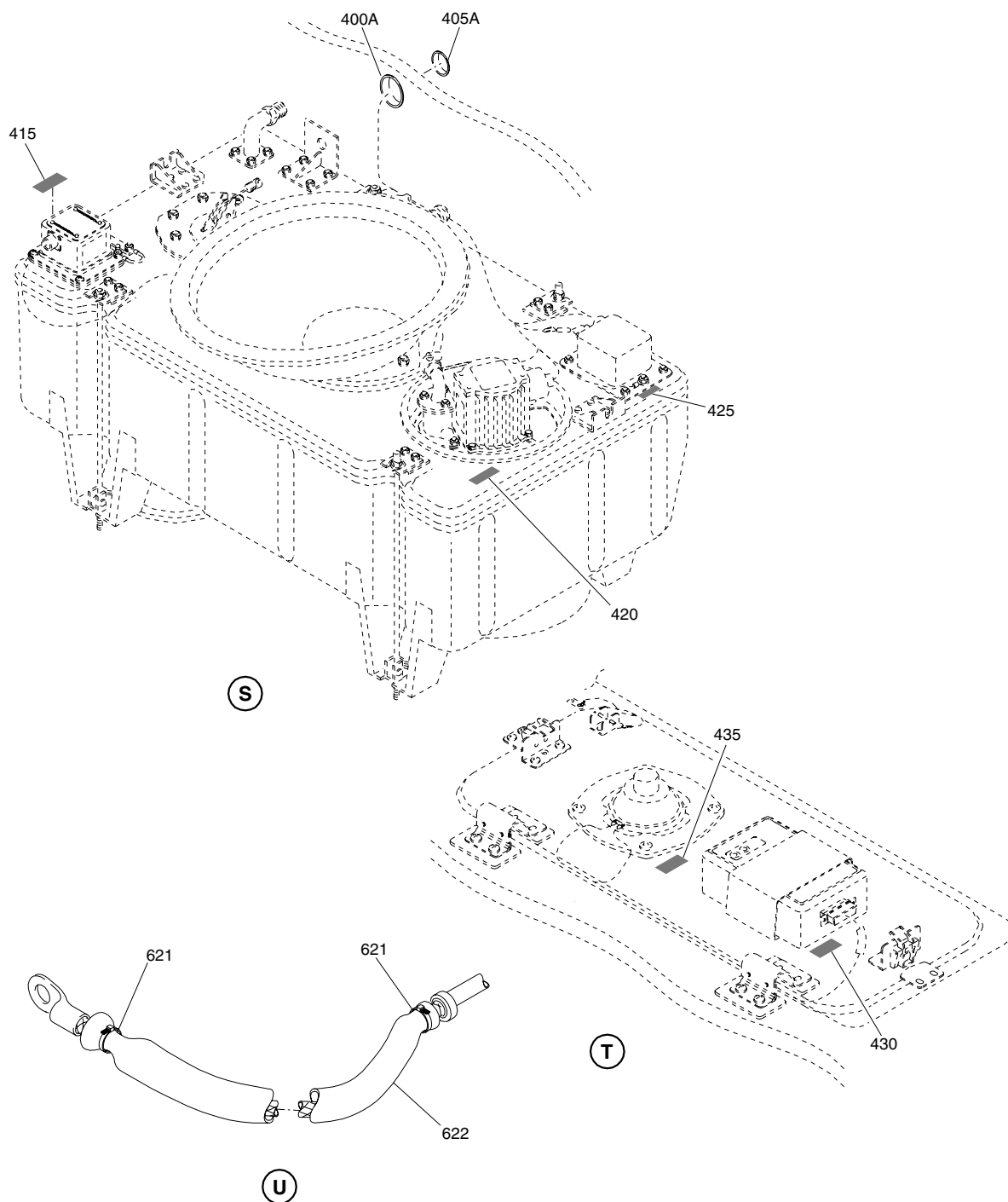
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A412001/K042702



2540530307

Electrical Installation  
(Sheet 7 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



2540530308

Electrical Installation  
(Sheet 8 of 8)  
Figure 3/GRAPHIC 25-40-53-99b-004-A01

**25-40-53**

Page 10127  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3	– 1	9342005-503	ELECTRICAL INSTL SEE FIG. 1 FOR NHA	A	RF
	– 1A	9342005-507	ELECTRICAL INSTL SEE FIG. 1 FOR NHA	B	RF
	– 1B	9342005-509	ELECTRICAL INSTL SEE FIG. 1 FOR NHA	C	RF
	– 1C	9342005-515	ELECTRICAL INSTL SEE FIG. 1 FOR NHA	D	RF
	– 1D	9342005-519	ELECTRICAL INSTL SEE FIG. 1 FOR NHA	E	RF
	5	9326752-501	. PSU PCB ASSY		1
	10	9341711-1	. COVER, CIRCUIT BOARD		1
			ATTACHING PARTS		
	15	MS35206-226	. SCREW		2
	– 15A	MS35206-241	. DELETED		D
			* * *		
	20	MFTS6-8-48	. STAND-OFF (V6B3V9)		2
	25	TNSP4-12-632IS	. SPACER, STURDIPOST (V6B3V9) (TRUE PN TNSP4-12-632-I/S.)		2
	30	TCG1-3925-23	. CARD GUIDE, PCB (V6B3V9) (TRUE PN TCG1-3.925-23)		1
	35	9341702-5	. BRACKET, PCB GUIDE		2
			ATTACHING PARTS		
	40	MS35206-242	. SCREW		2
	45	NAS1149CN832R	. WASHER		2
			* * *		

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3	50	CDPL136A353	. PLACARD (BONDED) (TRUE PN CDPL136-"A353")		1
	- 55	BR9000-22	. BALLAST (V17023) (MOVED TO ITEM -78) (PS92) SUPSD BY ITEM 55A		D
	- 55A	BR9000-30	. BALLAST (V17023) (MOVED TO ITEM 78A) (PS92) SUPSDS ITEM -55		D
	- 60	CDPL136PS92	. PLACARD (BONDED) (TRUE PN CDPL136-"PS92") (MOVED TO ITEM 77)		D
	65	3867308-1	. BRACKET  ATTACHING PARTS		1
	- 70	MS35206-226	. SCREW SUPSD BY ITEM 70A		2
	70A	MS35206-241	. SCREW SUPSDS ITEM -70		2
	- 75	NAS1149FN632P	. WASHER SUPSD BY ITEM 75A		2
	75A	NAS1149FN832P	. WASHER SUPSDS ITEM -75  * * *		2
	77	CDPL136PS92	. PLACARD (BONDED) (TRUE PN CDPL136-"PS92")		1
	- 78	BR9000-22	. BALLAST (V17023) (PS92) SUPSD BY ITEM 78A		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 78A	BR9000-30		. BALLAST (V17023) (PS92) SUPSDS ITEM -78  ATTACHING PARTS		1
– 80	MS35206-228		. SCREW SUPSD BY ITEM -80A		2
– 80A	NAS601-6		. SCREW (INCORRECT PN) SUPSDS ITEM -80		D
80B	NAS601-6P		. SCREW (CORRECT PN)		2
85	NAS1149FN632P		. WASHER		2
– 85A	NAS1149FN832P		. DELETED  * * *		D
90	5661093-7		. BRACKET, RELAY  ATTACHING PARTS		1
– 95	MS35206-242		. SCREW SUPSD BY ITEM -95A		2
– 95A	NAS601-6P		. SCREW SUPSD BY ITEM 95B SUPSDS ITEM -95		2
95B	MS35206-242		. SCREW SUPSDS ITEM -95A		2
– 100	NAS1149CN832R		. WASHER SUPSD BY ITEM -100A		2
– 100A	NAS1149FN632P		. WASHER SUPSD BY ITEM 100B SUPSDS ITEM -100		2
100B	NAS1149CN832R		. WASHER SUPSDS ITEM -100A  * * *		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 105	CDPL136K161		. PLACARD (BONDED) (TRUE PN CDPL136-"K161")		1
110	5108WW		. LAMP, MINIATURE (V5MZT3)	A-D	3
– 110A	5108CW		. LAMP, MINIATURE (V5MZT3)	E	3
– 110B	4048-31		. CARRIER, LIGHT (VD1347) (MOVED TO ITEM -115B)	B-E	D
– 115	4048-30		. CARRIER, LIGHT (VD1347) SUPSD BY ITEM 115A PRE SB SB934X701-25-01	A	3
115A	4048-31		. CARRIER, LIGHT (VD1347) SUPSDS ITEM -115 ADDED POST SB 934X701-25-01	A	3
– 115B	4048-31		. CARRIER, LIGHT (VD1347)  ATTACHING PARTS	B-E	3
– 120	MS35206-244		. SCREW SUPSD BY ITEM 120A		6
120A	NAS602-7P		. SCREW SUPSDS ITEM -120		6
125	NAS1149DN832J		. WASHER		12
130	MS35338-42		. WASHER, LOCK  * * *		6
132	NAS602-7P		. SCREW		1
133	NAS1149DN832J		. WASHER		2
134	MS35338-42		. WASHER, LOCK		1
135	CDPL136DS285		. PLACARD (BONDED) (TRUE PN CDPL136-"DS285")		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3	140	CDPL136DS286	. PLACARD (BONDED) (TRUE PN CDPL136-"DS286")		1
	145	CDPL136DS287	. PLACARD (BONDED) (TRUE PN CDPL136-"DS287")		1
	150	CDEL030-1-03	. TERMINAL BOARD ASSY (TB5026)		1
-	155	MS25226-2-2	. LINK SUPSD BY ITEM 155A		2
	155A	MS27212-1-2	. LINK SUPSDS ITEM -155		2
-	160	NAS1063D1-4	. DELETED		D
	165	CDPL136TB5026	. PLACARD (BONDED) (TRUE PN CDPL136-"TB5026")		1
	170	CDPL136TB5027	. PLACARD (BONDED) (TRUE PN CDPL136-"TB5027")		1
-	175	9341703-501	. PANEL ASSY, PASSENGER SERVICE		1
-	180	NAS509-4	.. DELETED		D
-	185	N1202-115-0	.. DELETED		D
-	190	9341705-501	.. DELETED		D
-	195	9341705-503	.. DELETED		D
-	200	9341705-505	.. DELETED		D
-	205	9341707-501	.. DELETED		D
-	210	9341703-1	.. DELETED		D
	215	CDPL136DS175	. PLACARD (BONDED) (TRUE PN CDPL136-"DS175")		1
	220	A20247AM1	. SWITCH, RESET (V0KW49) (DS167)		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 225	CDPL136DS167		. PLACARD (BONDED) (TRUE PN CDPL136-"DS167")		1
230	9341258-501		. HANDLE ASSY, FLUSH		1
- 231	9341258-1		.. HANDLE		1
- 232	AN565A4H7		.. SCREW, SOCKET SET		1
235	9341379-501		. BRACKET ASSY, MOUNTING ATTACHING PARTS		1
240	MS35206-242		. SCREW		4
245	NAS1149CN832R		. WASHER * * *		4
- 246	9341379-3		.. PLATE (BONDED) ATTACHING PARTS		1
- 247	MS20426AD3-6		.. RIVET * * *		2
- 248	9341379-5		.. SPACER		1
- 249	9341379-1		.. BRACKET		1
250	CDPL136S174		. PLACARD (BONDED) (TRUE PN CDPL136-"S174")		1
- 255	9341704-501		. DELETED		D
- 260	9341704-5		.. DELETED		D
- 265	M8805109-01		.. DELETED ATTACHING PARTS		D
- 270	NAS662-2-7		.. DELETED		D
- 270A	NAS662C2R7		.. DELETED		D
- 270B	NAS662C2R7		.. DELETED		D
- 275	NAS620-2		.. DELETED		D

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 280	MS21042-02		.. DELETED  * * *		D
– 281	RNFCL125S		.. DELETED		D
– 285	9341704-3		.. DELETED		D
– 290	48-7191		.. DELETED		D
– 295	48-7190		.. DELETED		D
– 300	9341704-1		.. DELETED		D
305	BR9410-6		. SIGN, LAV OCCUPIED (V17023) (DS170)  ATTACHING PARTS		1
– 310	MS35206-228		. SCREW SUPSD BY ITEM 310A		4
310A	NAS601-6P		. SCREW SUPSDS ITEM -310		4
315	NAS1149FN632P		. WASHER		4
– 315A	NAS1149FN832P		. DELETED  * * *		D
320	CDPL136DS170		. PLACARD (BONDED) (TRUE PN CDPL136-"DS170")		1
325	MS24523-22		. SWITCH, POWER (INCLUDES ATTACHMENT HARDWARE) (S176)		1
330	CDPL136S176		. PLACARD (BONDED) (TRUE PN CDPL136-"S176")		1
335	9341702-3		. BRACKET, CONNECTOR  ATTACHING PARTS		1
340	MS35206-242		. SCREW		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3	345	NAS1149CN832R	. WASHER  * * *		2
	– 350	MS35206-243	. SCREW (MOVED TO ITEM 372)		D
	– 355	NAS1149FN816P	. WASHER (MOVED TO ITEM -373) SUPSD BY ITEM 355A		D
	– 355A	NAS1149CN832R	. WASHER (MOVED TO ITEM 373A) SUPSDS ITEM -355		D
	360	MS25281R5	. CLAMP, LOOP (TRUE PN MS25281-R5)		5
	365	MS25281R6	. CLAMP, LOOP (TRUE PN MS25281-R6)		7
	370	MS25281R8	. CLAMP, LOOP (TRUE PN MS25281-R8)  ATTACHING PARTS		2
	372	MS35206-243	. SCREW		14
	– 373	NAS1149FN816P	. WASHER SUPSD BY ITEM 373A		14
	373A	NAS1149CN832R	. WASHER SUPSDS ITEM -373  * * *		14
	– 375	M3367-5-9	. CABLE TIE		AR
	– 380	ABMMD	. MOUNT, CABLE TIE (V06383) (INCORRECT PN)		D
	– 380A	ABMM	. MOUNT, CABLE TIE (V06383) (BONDED) (CORRECT PN)		AR
	– 385	MS35206-215	. SCREW SUPSD BY ITEM 385A		4

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 385A	NAS600-6P		. SCREW SUPSDS ITEM -385		4
390	NAS1149CN416R		. WASHER		4
395	MS21044C04		. LOCK NUT (TRUE PN MS21044-C04)		4
- 400	WSIG24A		. GROMMET (BONDED) SUPSD BY ITEM 400A		4
400A	NAS1368N24F		. GROMMET (BONDED) SUPSDS ITEM -400		4
- 405	WSIG6A		. GROMMET (BONDED) SUPSD BY ITEM 405A		2
405A	NAS1368N6A		. GROMMET (BONDED) SUPSDS ITEM -405		2
- 410	WSIG16A		. GROMMET (BONDED) SUPSD BY ITEM 410A		2
410A	NAS1368N16A		. GROMMET (BONDED) SUPSDS ITEM -410		2
413	MS35489-6		. GROMMET (BONDED)	A,C	2
415	CDPL136MT211		. PLACARD (BONDED) (TRUE PN CDPL136-"MT211")		1
420	CDPL136B21		. PLACARD (BONDED) (TRUE PN CDPL136-"B21")		1
425	CDPL136K160		. PLACARD (BONDED) (TRUE PN CDPL136-"K160")		1
430	CDPL136A232		. PLACARD (BONDED) (TRUE PN CDPL136-"A232")		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 435	CDPL136LS5		. PLACARD (BONDED) (TRUE PN CDPL136-"LS5")		1
– 440	CDPL136A354		. PLACARD (BONDED) (TRUE PN CDPL136-"A354")		1
445	9342701-507		. WIRE HARNESS ASSY	A,C	1
– 445A	9342701-501		. WIRE HARNESS ASSY	B	1
– 445B	9342701-511		. WIRE HARNESS ASSY	D,E	1
– 450	MS25083-3PB36		.. DELETED		D
– 455	MS25083-3SB		.. DELETED		D
– 460	MS25226-4-3		.. DELETED		D
– 465	MS25036-108		.. DELETED		D
– 470	MS25036-103		.. DELETED		D
– 475	CDEL030-1-38		.. DELETED		D
– 476	DA1220-1		.. DELETED		D
– 480	M243082-2F		.. DELETED		D
– 485	CD1220A233P1		.. DELETED		D
– 490	640917-1		.. DELETED		D
– 495	M8171412-20D2		.. DELETED		D
– 500	48-7191		.. DELETED	B,D,E	D
– 500A	48-7191		.. DELETED	A,C	D
– 505	48-7190		.. DELETED	B,D,E	D
– 505A	48-7190		.. DELETED	A,C	D
– 510	48-7191		.. DELETED		D
– 515	48-7190		.. DELETED		D
– 520	103958-1		.. DELETED		D
– 525	103958-3		.. DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 530	D38999-20FA35SN		.. DELETED		D
– 535	MS25036-102		.. DELETED		D
– 540	MS25036-108		.. DELETED		D
– 541	MS25036-101		.. DELETED		D
– 545	104257-5		.. DELETED		D
– 550	1-770849-2		.. DELETED		D
– 555	MS25036-102		.. DELETED		D
– 560	1-640508-0		.. DELETED		D
– 565	MS25036-107		.. DELETED		D
– 570	M1288341-04		.. DELETED		D
– 575	M83536-10-024M		.. DELETED		D
– 580	MS3476L12-10S		.. DELETED		D
– 585	MS3476L10-6S		.. DELETED		D
– 590	MS25036-108		.. DELETED		D
– 595	MS24266R14B7S6		.. DELETED		D
– 600	48-7190		.. DELETED		D
– 605	48-7191		.. DELETED		D
– 610	D3899926FC98PN		.. DELETED		D
– 615	D3899926FB99PN		.. DELETED		D
– 620	D3899926FE26PN		.. DELETED		D
621	MS3367-4-9		. CABLE TIE ADDED POST SB 9327336-25-05		2
622	RNF100-316-0		. TUBING, FLEXIBLE (V06090) (TRUE PN RNF-100-3/16-0) ADDED POST SB 9327336-25-05		1
625	9341701-513		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 – 630	3600-5796		.. DELETED		D
– 635	M390291-101		.. DELETED		D
640	9341701-507		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)		1
– 645	M81714-12-20D2		.. DELETED		D
650	9341701-511		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)		1
– 655	1-841-1-5696		.. DELETED		D
– 655A	1-841-1-5620		.. DELETED		D
– 660	M39029-1-101		.. DELETED		D
– 665	9341701-509		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)	A,B	1
– 670	AE0034L		.. DELETED	A	D
– 675	MS25036-149		.. DELETED	A	D
– 680	MS25036-102		.. DELETED	A	D
– 685	1-640510-0		.. DELETED	A	D
– 690	1-640520-0		.. DELETED	A	D
– 695	BR9903-903		.. DELETED	A	D
700	9341715-501		. WIRE HARNESS ASSY (FLUORESCENT LIGHT)	B-E	1
– 705	D436-36		.. DELETED	B-E	D
– 710	CD1220DS287		.. DELETED	B-E	D
– 715	MS25036-149		.. DELETED	B-E	D
– 720	MS25036-102		.. DELETED	B-E	D
– 725	BR9903-903		.. DELETED	B-E	D
730	9341715-503		. WIRE HARNESS ASSY	B-E	1
– 735	MS25036-149		.. DELETED	B-E	D

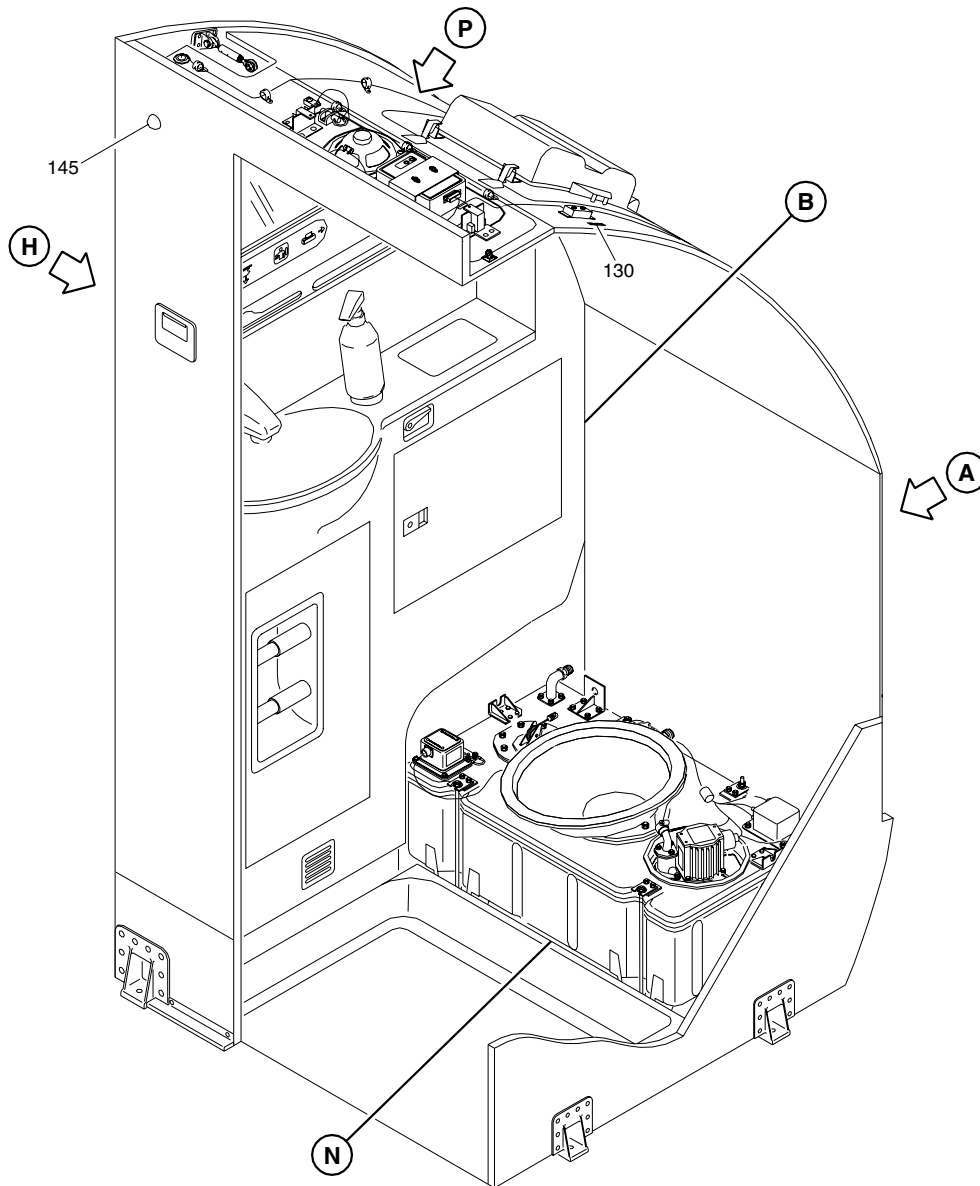
– ITEM NOT ILLUSTRATED

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3 - 740	D436-36		. SPLICE (V06090) (TRUE PN D-436-36)	B-E	13

- ITEM NOT ILLUSTRATED

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A412001/K042702



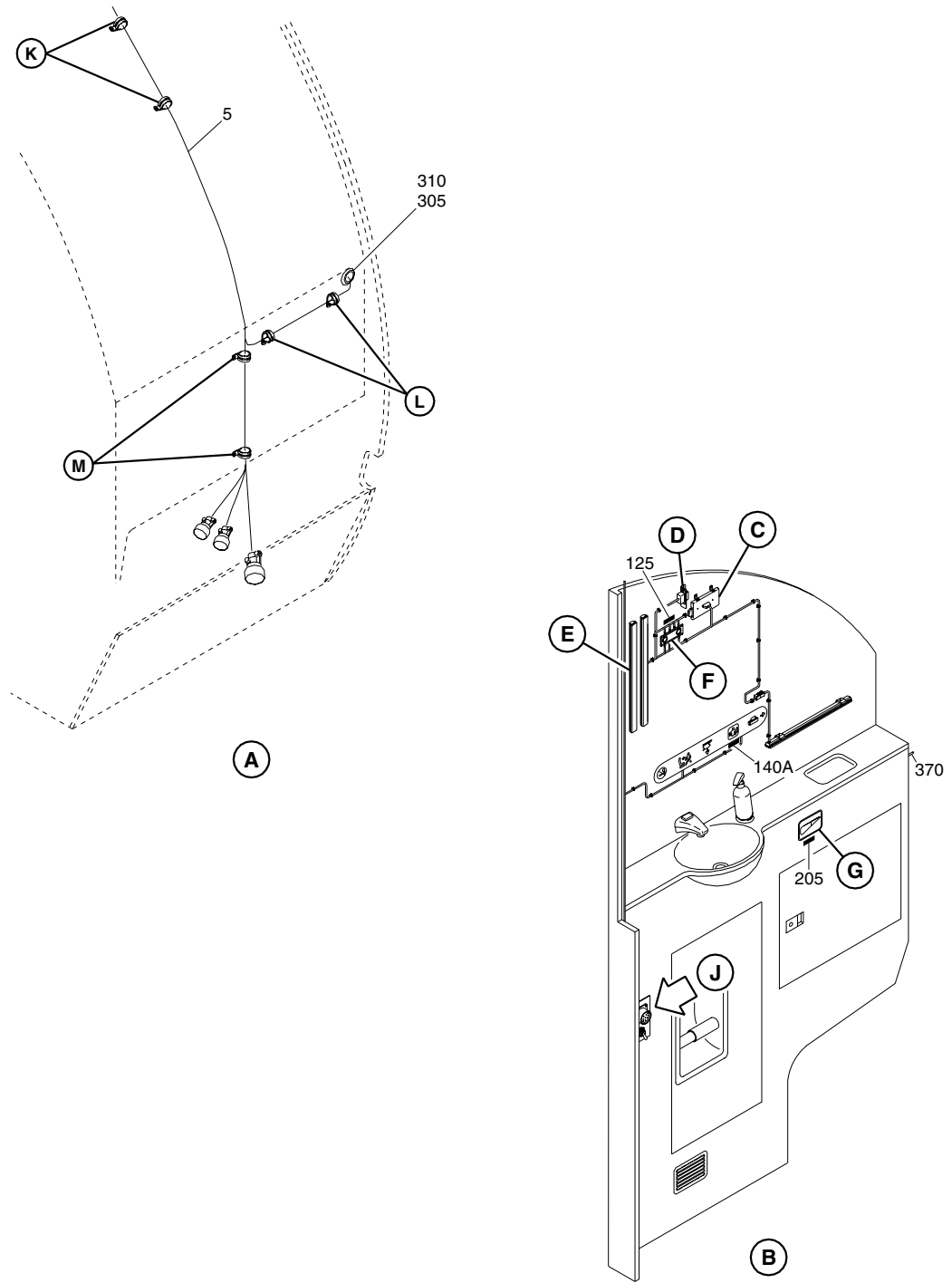
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Electrical Installation  
(Sheet 1 of 6)  
Figure 3A/GRAPHIC 25-40-53-99b-005-A01

**25-40-53**

Page 10142  
May 05/23

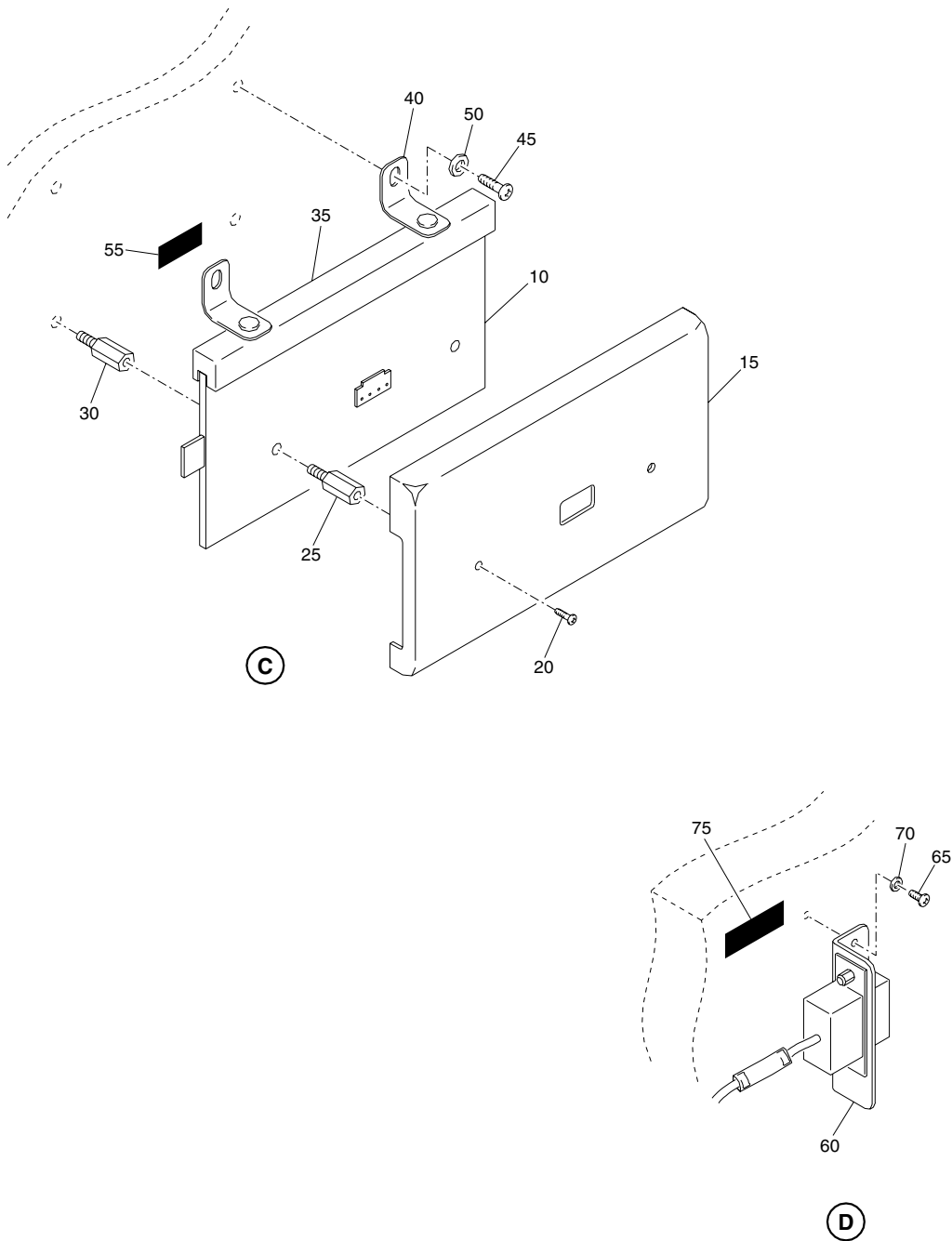
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Electrical Installation  
(Sheet 2 of 6)  
Figure 3A/GRAPHIC 25-40-53-99b-005-A01

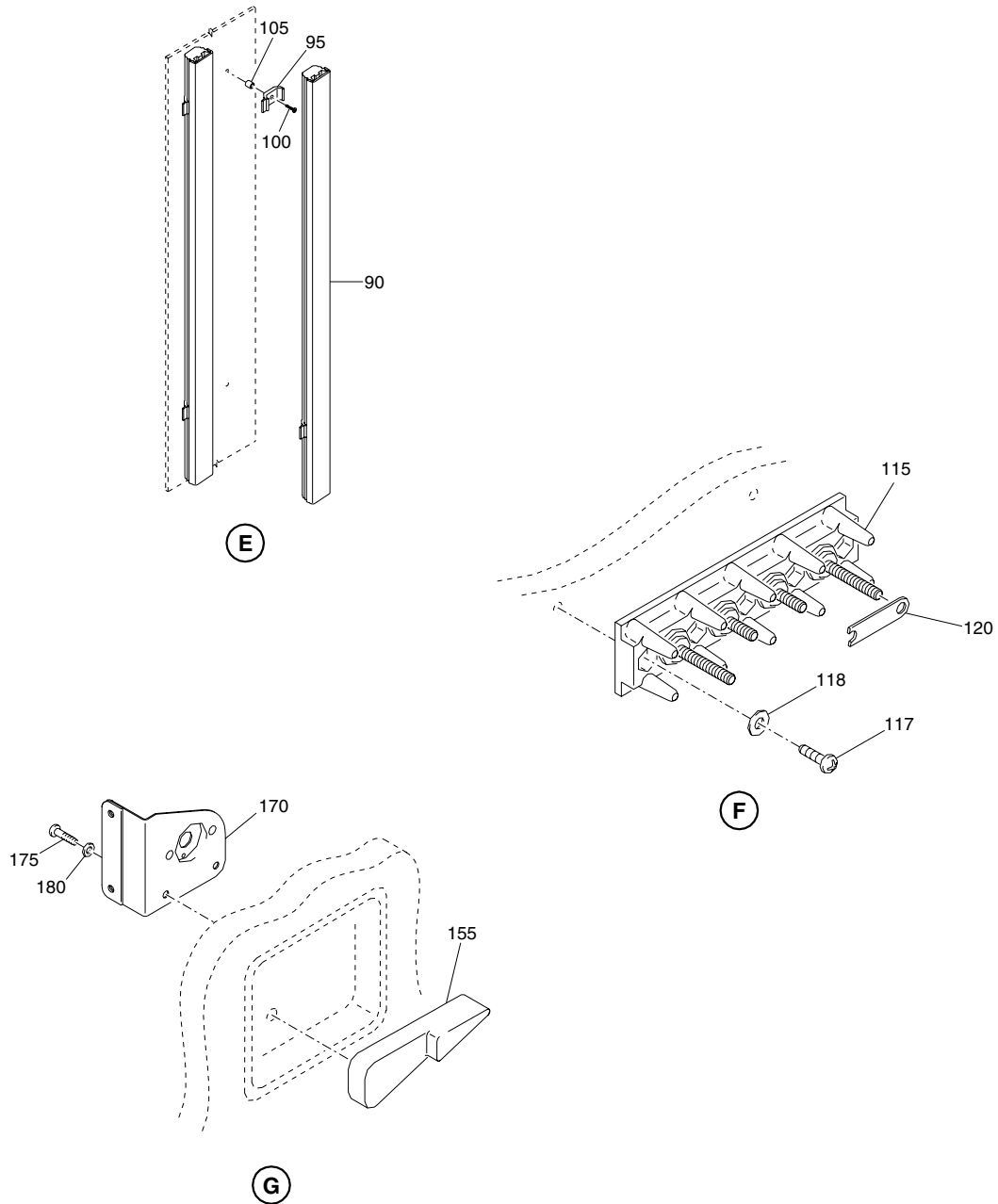
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A412001/K042702



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Electrical Installation  
(Sheet 3 of 6)  
Figure 3A/GRAPHIC 25-40-53-99b-005-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



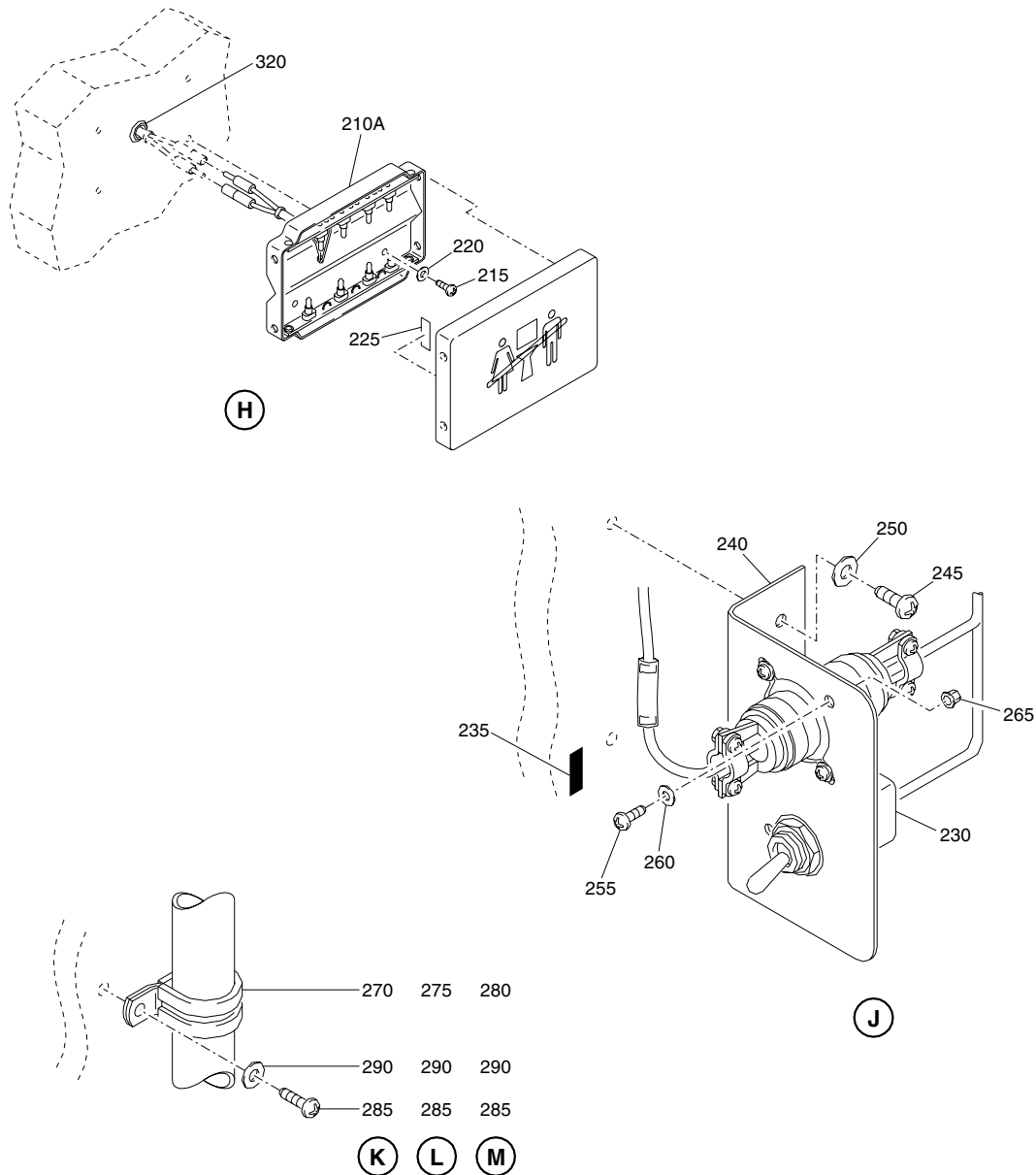
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Electrical Installation  
(Sheet 4 of 6)  
Figure 3A/GRAPHIC 25-40-53-99b-005-A01

**25-40-53**

Page 10145  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



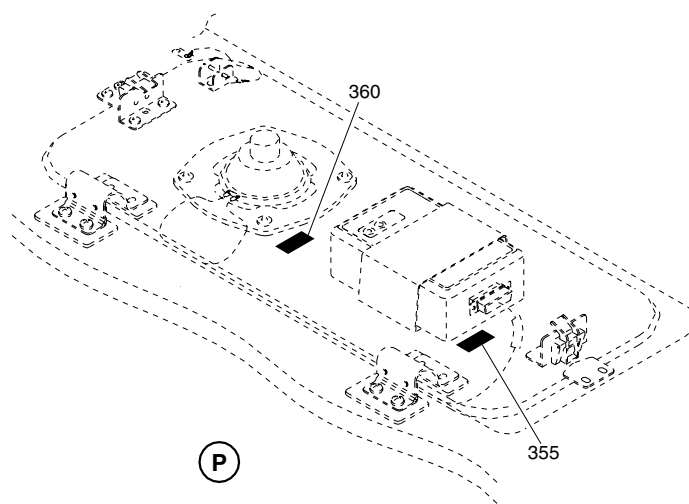
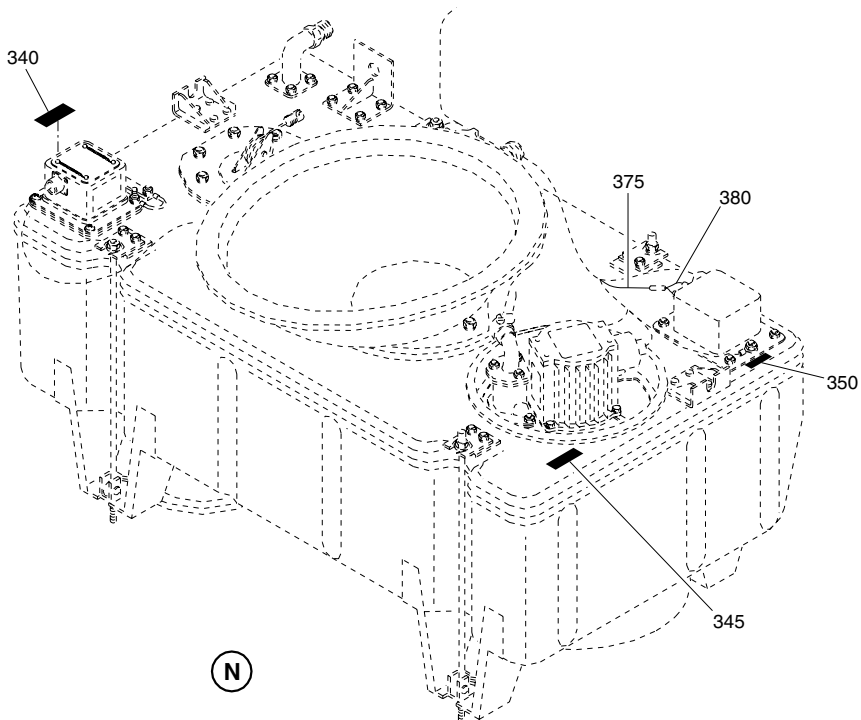
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Electrical Installation  
(Sheet 5 of 6)  
Figure 3A/GRAPHIC 25-40-53-99b-005-A01

**25-40-53**

Page 10146  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



25405303A06

Electrical Installation  
(Sheet 6 of 6)  
Figure 3A/GRAPHIC 25-40-53-99b-005-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 1	A412005-501		ELECTRICAL INSTL SEE FIG. 1 FOR NHA		RF
5	A412701-501		. WIRE HARNESS ASSY		1
10	9326752-501		. PSU PCB ASSY		1
15	9341711-1		. COVER, CIRCUIT BOARD  ATTACHING PARTS		1
20	MS35206-226		. SCREW		2
25	MFTS6-8-48		. STAND-OFF (V6B3V9)  * * *		2
30	TNSP4-12-632IS		. SPACER, STURDIPOST (V6B3V9) (TRUE PN TNSP4-12-632-I/S)		2
35	TCG1-3925-23		. CARD GUIDE, PCB (V6B3V9) (TRUE PN TCG1-3.925-23)		1
40	9341702-5		. BRACKET, PCB GUIDE  ATTACHING PARTS		2
45	MS35206-242		. SCREW		2
50	NAS1149CN832R		. WASHER  * * *		2
55	CDPL136A353		. PLACARD (BONDED) (TRUE PN CDPL136-"A353")		1
60	5661093-7		. BRACKET, RELAY  ATTACHING PARTS		1
65	MS35206-242		. SCREW		2
70	NAS1149CN832R		. WASHER  * * *		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A 75	CDPL136K161		. PLACARD (BONDED) (TRUE PN CDPL136-"K161")		1
– 80	CDPL136DS285		. PLACARD (BONDED) (TRUE PN CDPL136-"DS285")		1
– 85	CDPL136DS286		. PLACARD (BONDED) (TRUE PN CDPL136-"DS286")		1
90	ELW35S12B0-4		. LED STRIP (V06WH3) (TRUE PN ELW35-S12B0-4)		3
95	CPWELW35		. CLIP, MOUNTING (V06WH3) (TRUE PN CPW-ELW35)  ATTACHING PARTS		6
100	NAS514P832-12		. SCREW  * * *		6
105	NAS43DD3-12		. SPACER		6
– 110	CDPL136DS287		. PLACARD (BONDED) (TRUE PN CDPL136-"DS287")		1
115	CDEL030-1-03		. TERMINAL BOARD ASSY  ATTACHING PARTS		1
117	NAS602-6P		. SCREW		2
118	NAS1149FN832P		. WASHER  * * *		2
120	MS25226-2-2		. LINK		2
125	CDPL136TB5026		. PLACARD (BONDED) (TRUE PN CDPL136-"TB5026")		1
130	CDPL136TB5027		. PLACARD (BONDED) (TRUE PN CDPL136-"TB5027")		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 135	9341703-501		. PANEL ASSY, PASSENGER SERVICE		1
– 140	CDPL136DS175		. PLACARD (TRUE PN CDPL136-"DS175") (INCORRECT PN)		D
140A	CDPL136A368		. PLACARD (BONDED) (TRUE PN CDPL136-"A368") (CORRECT PN)		1
145	A20247AM1		. SWITCH, RESET (V0KW49)		1
– 150	CDPL136DS167		. PLACARD (BONDED) (TRUE PN CDPL136-"DS167")		1
155	9341258-501		. HANDLE ASSY, FLUSH		1
– 160	9341258-1		.. HANDLE		1
– 165	AN565A4H7		.. SCREW, SOCKET SET		1
170	9341379-501		. BRACKET ASSY		1
			ATTACHING PARTS		
175	MS35206-242		. SCREW		2
180	NAS1149CN832R		. WASHER		2
			* * *		
– 185	9341379-3		.. PLATE (BONDED)		1
			ATTACHING PARTS		
– 190	MS20426AD3-6		.. RIVET		2
			* * *		
– 195	9341379-5		.. SPACER		1
– 200	9341379-1		.. BRACKET		1
205	CDPL136S174		. PLACARD (BONDED) (TRUE PN CDPL136-"S174")		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A – 210	BR9410-6		. SIGN, LAV OCCUPIED (V17023) SUPSD BY ITEM 210A		1
210A	BR9749-006		. SIGN, LAV OCCUPIED (V17023) SUPSDS ITEM -210  ATTACHING PARTS		1
215	NAS601-6P		. SCREW		4
220	NAS1149FN632P		. WASHER  * * *		4
225	CDPL136DS170		. PLACARD (BONDED) (TRUE PN CDPL136-"DS170")		1
230	MS24523-22		. TOGGLE SWITCH		1
235	CDPL136S176		. PLACARD (BONDED) (TRUE PN CDPL136-"S176")		1
240	9341702-3		. BRACKET  ATTACHING PARTS		1
245	MS35206-242		. SCREW		2
250	NAS1149CN832R		. WASHER  * * *		2
255	NAS600-6P		. SCREW		4
260	NAS1149CN416R		. WASHER		4
265	MS21043-04		. NUT, SELF-LOCKING		4
270	MS25281R6		. CLAMP, LOOP (TRUE PN MS25281-R6)		7
275	MS25281R5		. CLAMP, LOOP (TRUE PN MS25281-R5)		5
280	MS25281R8		. CLAMP, LOOP (TRUE PN MS25281-R8)		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A			ATTACHING PARTS		
285	MS35206-243		. SCREW		14
290	NAS1149FN832P		. WASHER		14
			* * *		
– 295	M3367-5-9		. CABLE TIE SUPSD BY ITEM -295A		AR
– 295A	MS3367-5-9		. CABLE TIE SUPSDS ITEM -295		AR
– 300	ABMM		. MOUNT, CABLE TIE (V06383) (BONDED)		AR
305	NAS1368N24F		. GROMMET (BONDED)		4
310	NAS1368N6A		. GROMMET (BONDED)		2
– 315	NAS1368N16A		. GROMMET (BONDED)		2
320	NAS1368N4A		. GROMMET (BONDED)		2
– 325	A414032-503		. DELETED		D
– 330	NAS1149C0332R		. WASHER		2
– 335	MS21042L3		. NUT		1
340	CDPL136MT211		. PLACARD (BONDED) (TRUE PN CDPL136-"MT211")		1
345	CDPL136B21		. PLACARD (BONDED) (TRUE PN CDPL136-"B21")		1
350	CDPL136K160		. PLACARD (BONDED) (TRUE PN CDPL136-"K160")		1
355	CDPL136A232		. PLACARD (BONDED) (TRUE PN CDPL136-"A232")		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

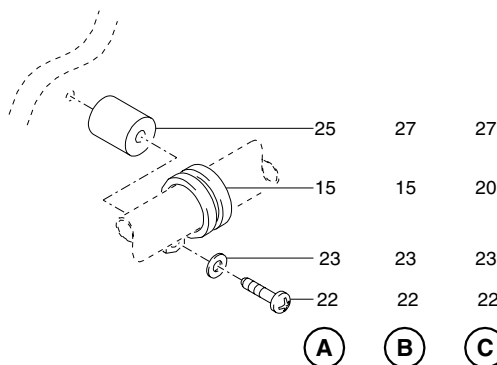
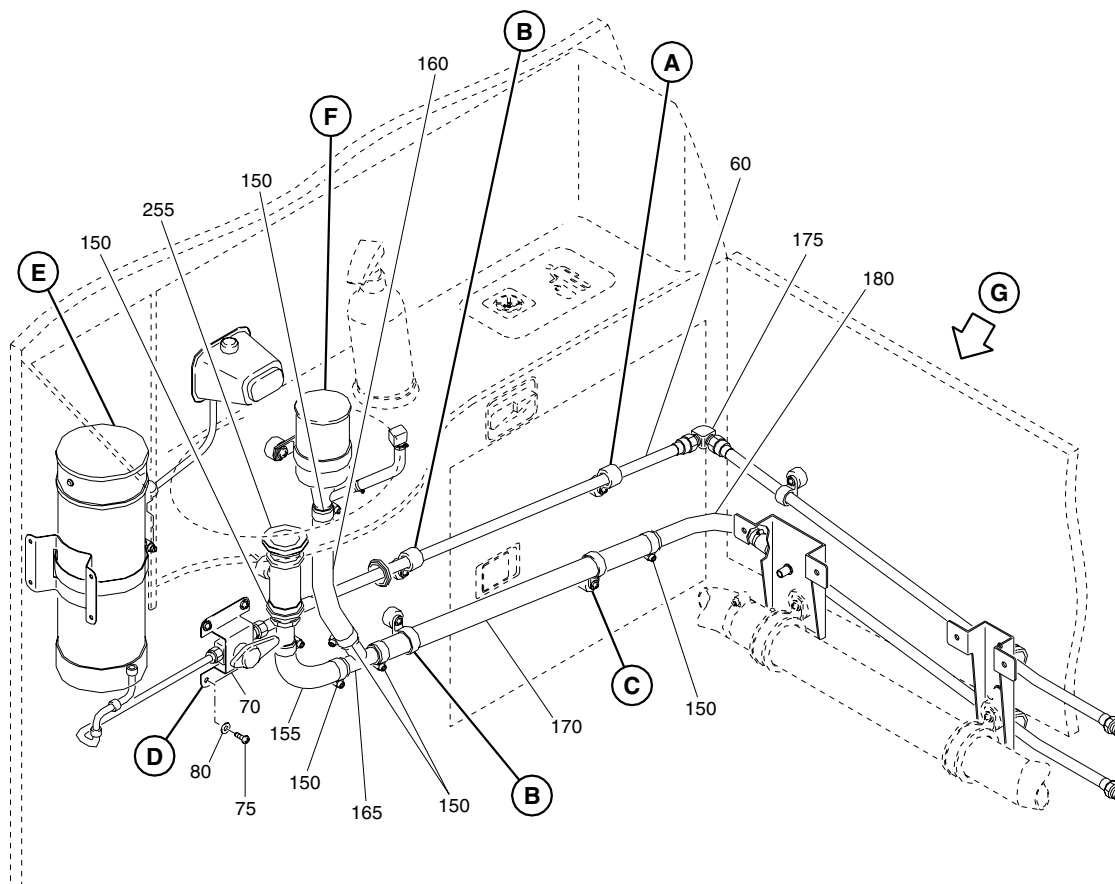
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
3A 360	CDPL136LS5		. PLACARD (BONDED) (TRUE PN CDPL136-"LS5")		1
– 365	CDPL136A354		. PLACARD (BONDED) (TRUE PN CDPL136-"A354")		1
370	9341701-513		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)		1
375	9341701-507		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)		1
380	9341701-511		. WIRE HARNESS ASSY (FLUSH SWITCH SYSTEM) (FN 10038 AND SUBSEQUENT)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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A412001/K042702



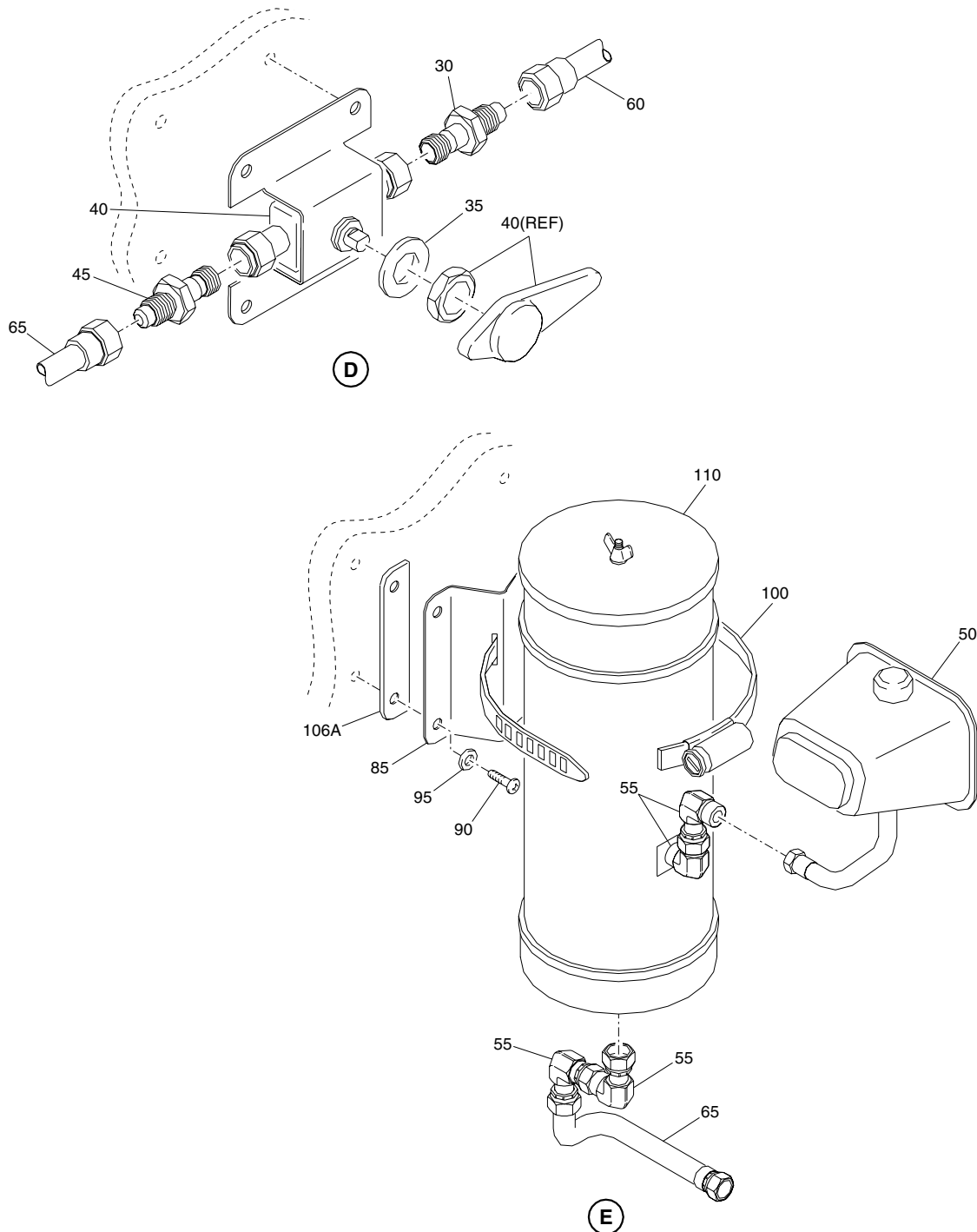
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Plumbing Installation  
(Sheet 1 of 3)  
Figure 4/GRAPHIC 25-40-53-99b-006-A01

**25-40-53**

Page 10156  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



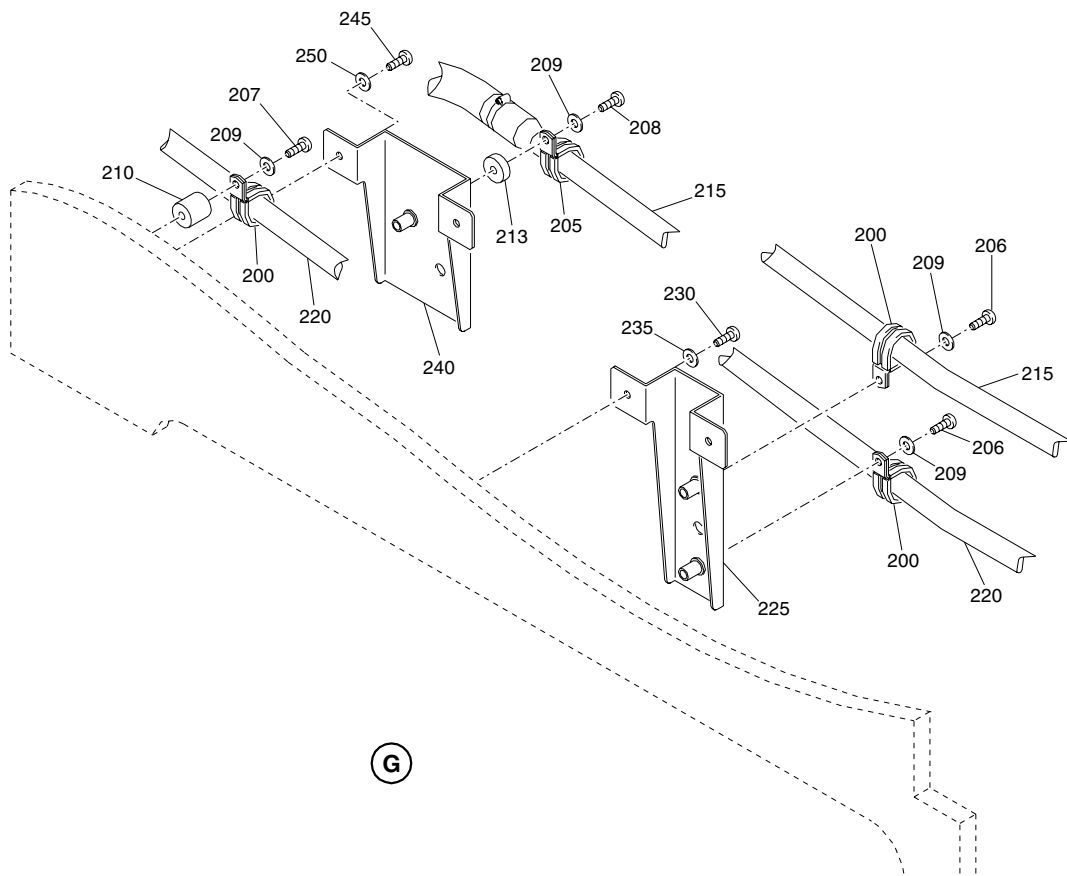
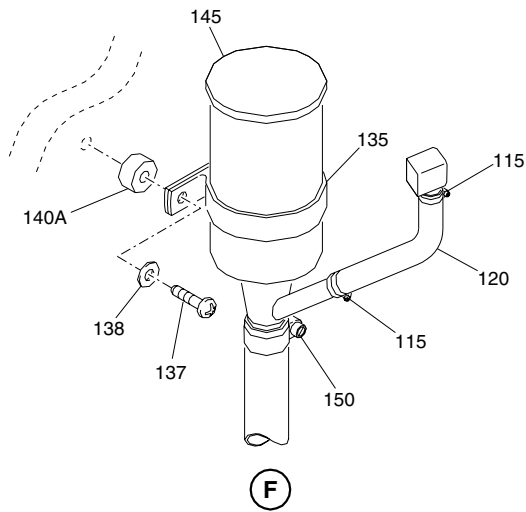
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Plumbing Installation  
(Sheet 2 of 3)  
Figure 4/GRAPHIC 25-40-53-99b-006-A01

**25-40-53**

Page 10157  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Plumbing Installation  
(Sheet 3 of 3)  
Figure 4/GRAPHIC 25-40-53-99b-006-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4	– 1	A412006-501	PLUMBING INSTL SEE FIG. 1 FOR NHA		RF
	– 5	MS51958-66B	. SCREW (MOVED TO ITEM 22)		D
	– 10	NAS1149C0332R	. WASHER (MOVED TO ITEM 23)		D
	15	MS21919WCG11	. CLAMP, LOOP		3
	20	MS21919WCG21	. CLAMP, LOOP		1
			ATTACHING PARTS		
	22	MS51958-66B	. SCREW		4
	23	NAS1149C0332R	. WASHER		4
			* * *		
	25	CDSP5503-050	. SPACER		2
	27	CDSP5503-025	. SPACER		2
	30	SS6TA1-8AN	. ADAPTER (V3T9T9) (TRUE PN SS-6-TA-1-8AN)		1
	35	95606A260	. WASHER, NYLON (V3A054)		1
	40	SS43S6	. VALVE, SHUT-OFF (V3T9T9) (TRUE PN SS-43S6)		1
	45	SS6TA1-6AN	. ADAPTER, TUBE (V3T9T9) (TRUE PN SS-6-TA-1-6AN)		1
	50	9819-101	. FAUCET ASSY, MECHANICALLY TIMED (V80477) (SEE CMM 38-20-05 FOR DET) (ALT PN CDSP4108-501)		1
	55	NAS1762J0606	. ELBOW		4
	– 57	NAS1762J0606	. DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4	60	79041-08-0280	. HOSE ASSY (V24984)		1
	65	79251-06-0040	. HOSE ASSY (V24984)		1
	70	9341354-1	. BRACKET  ATTACHING PARTS		1
	75	MS51958-60B	. SCREW		4
	80	NAS1149C0332R	. WASHER  * * *		4
	85	4602012-501	. CLAMP ASSY, WATER FILTER  ATTACHING PARTS		1
	90	MS51958-62B	. SCREW		4
	95	NAS1149C0332R	. WASHER  * * *		4
- 97	CDSP2400-12-300		. SPACER (MOVED TO ITEM -106)		D
- 97A	9341006-5		. SPACER (MOVED TO ITEM 106A)		D
100	5661K16		. . CLAMP, HOSE (V3A054) RPLD BY ITEM -100A		1
- 100A	60450		. . CLAMP, HOSE RPLS ITEM 100		1
- 105	4602012-1		. . CLAMP SUPPORT		1
- 106	CDSP2400-12-300		. SPACER SUPSD BY ITEM 106A		2
106A	9341006-5		. SPACER SUPSDS ITEM -106		2
110	4E3260-1		. HEATER, WATER (V0AJJ0)		1
115	5321K17		. CLAMP, HOSE (V3A054)		2

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4	120	9341006-3	. HOSE, DRAIN (V16632)		1
	- 125	MS51958-64B	. SCREW (MOVED TO ITEM 137)		D
	- 130	NAS1149C0332R	. WASHER (MOVED TO ITEM 138)		D
	135	MS21919WCG42	. CLAMP, LOOP		1
			ATTACHING PARTS		
	137	MS51958-64B	. SCREW		1
	138	NAS1149C0332R	. WASHER		1
			* * *		
	- 140	CD1312-1	. STAND-OFF, CLAMP SUPSD BY ITEM 140A		1
	140A	CDSP5503-025	. SPACER SUPSDS ITEM -140		1
	145	6371071-505	. MUFFLER ASSY		1
	150	5321K24	. CLAMP, HOSE (V3A054)		7
	155	69-27191-326	. HOSE, DRAIN (V16632) RPLD BY ITEM -155A		1
	- 155A	9341006-7	. HOSE, DRAIN (V16632) RPLS ITEM 155		1
	160	69-27191-518	. HOSE, DRAIN (V16632) RPLD BY ITEM -160A		1
	- 160A	9341006-9	. HOSE, DRAIN (V16632) RPLS ITEM 160		1
	165	9185032-501	. TUBE ASSY		1
	170	9341006-1	. HOSE, DRAIN (V16632)		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4	175	AN821-8J	. ELBOW, FLARE TUBE		1
	180	9341355-1	. ELBOW		1
	– 185	MS51958-62B	. DELETED		D
	– 187	MS51958-64B	. SCREW (MOVED TO ITEM 206)		D
	– 190	MS51958-68B	. SCREW (MOVED TO ITEM 207)		D
	– 191	MS51958-67B	. SCREW (MOVED TO ITEM 208)		D
	– 195	NAS1149C0332R	. WASHER (MOVED TO ITEM 209)		D
	200	MS21919WCG13	. CLAMP, LOOP		3
	205	MS21919WCG22	. CLAMP, LOOP		1
			ATTACHING PARTS		
	206	MS51958-64B	. SCREW		2
	207	MS51958-68B	. SCREW		1
	208	MS51958-67B	. SCREW		1
	209	NAS1149C0332R	. WASHER		4
			* * *		
	210	CDSP5503-075	. SPACER		1
	213	CDSP5503-025	. SPACER		1
	215	79368-09	. HOSE ASSY (V24984)		1
	220	79368-10	. HOSE ASSY (V24984)		1
	225	A412354-503	. BRACKET ASSY		1
			ATTACHING PARTS		
	230	MS51958-60B	. SCREW		2

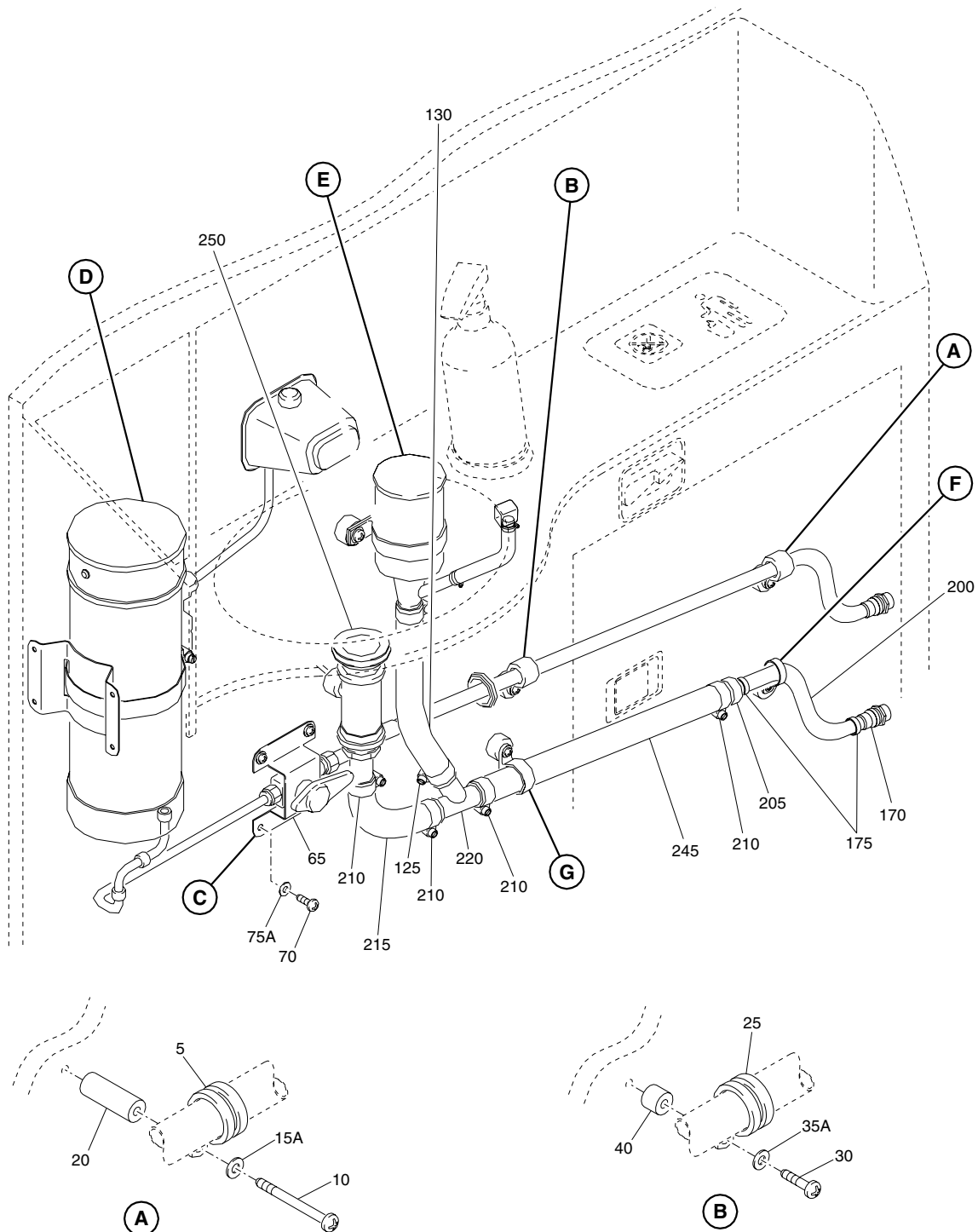
– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4	235	NAS1149C0332R	. WASHER  * * *		2
	240	A412354-501	. BRACKET ASSY  ATTACHING PARTS		1
	245	MS51958-60B	. SCREW		2
	250	NAS1149C0332R	. WASHER  * * *		2
	255	CDDS022-11	. SEAL, SILICONE		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



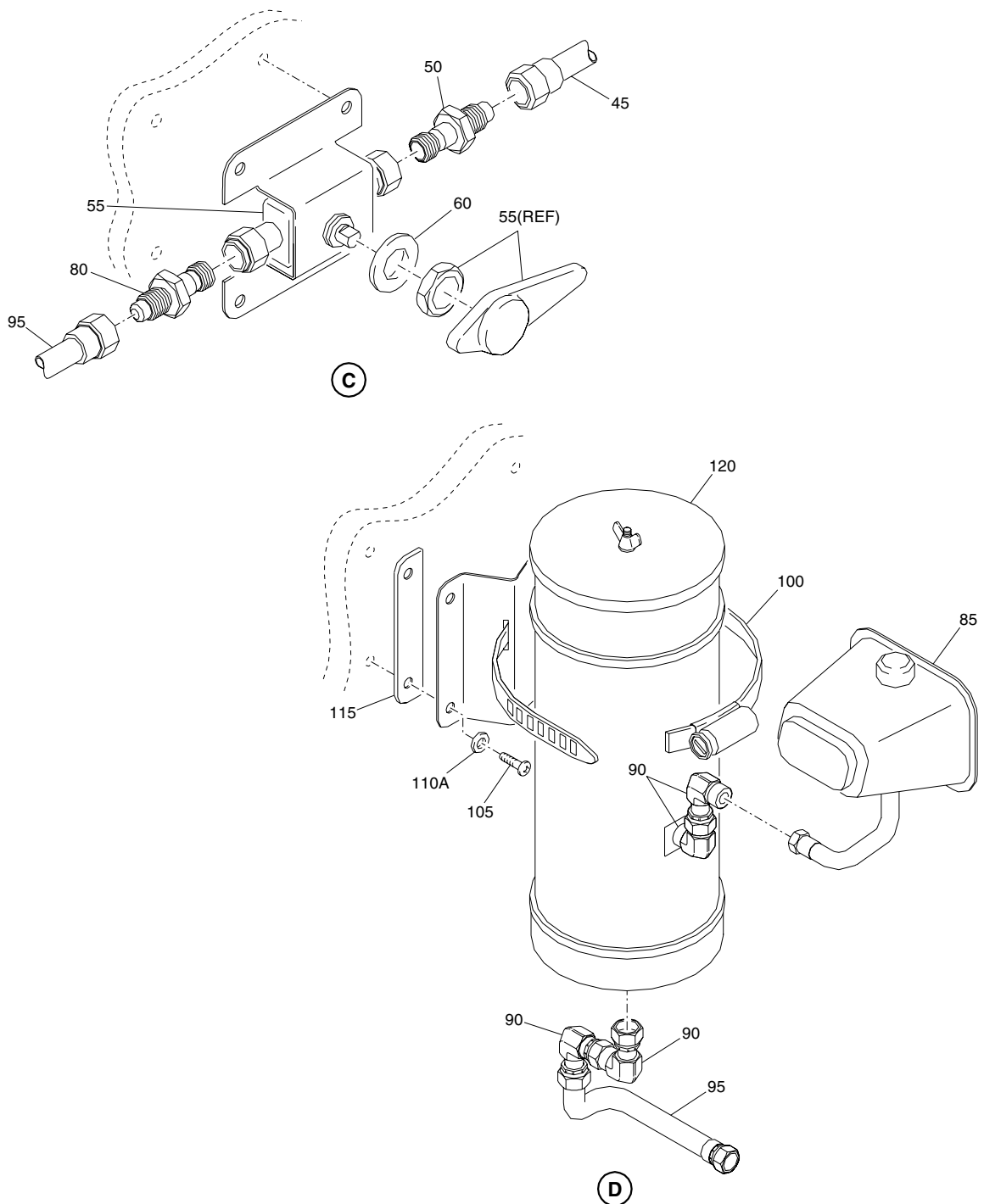
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Plumbing Installation  
(Sheet 1 of 3)  
Figure 4A/GRAPHIC 25-40-53-99b-007-A01

**25-40-53**

Page 10164  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

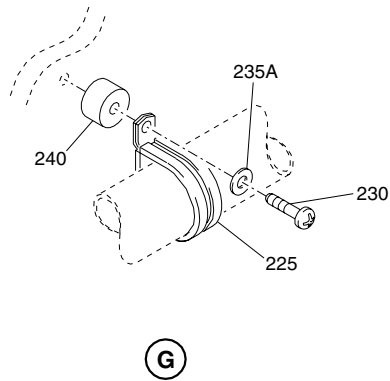
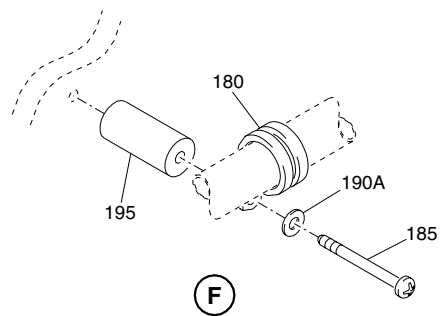
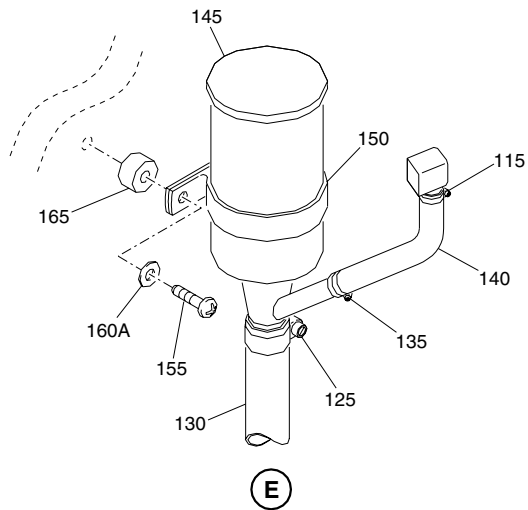


Plumbing Installation  
(Sheet 2 of 3)  
Figure 4A/GRAPHIC 25-40-53-99b-007-A01

# 25-40-53

Page 10165  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Plumbing Installation  
(Sheet 3 of 3)  
Figure 4A/GRAPHIC 25-40-53-99b-007-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4A – 1	9342006-503		PLUMBING INSTL SEE FIG. 1 FOR NHA	A	RF
– 1A	9342006-505		PLUMBING INSTL SEE FIG. 1 FOR NHA	B	RF
5	MS21919WCG11		. CLAMP, LOOP  ATTACHING PARTS		1
10	MS51958-66B		. SCREW		1
– 15	AN960C10L		. WASHER SUPSD BY ITEM 15A		1
15A	NAS1149C0332R		. WASHER SUPSDS ITEM -15  * * *		1
20	CD1312-3		. STAND-OFF, CLAMP		1
25	MS21919WCG11		. CLAMP, LOOP  ATTACHING PARTS		1
30	MS51958-64B		. SCREW		1
– 35	AN960C10L		. WASHER SUPSD BY ITEM 35A		1
35A	NAS1149C0332R		. WASHER SUPSDS ITEM -35  * * *		1
40	CD1312-1		. STAND-OFF, CLAMP (ALT PN CDSP5504-025)		1
45	79277-033		. HOSE ASSY (V24984)		1
50	SS6TA1-8AN		. ADAPTER (V3T9T9) (TRUE PN SS-6-TA-1-8AN)		1
55	SS43S6		. VALVE, SHUT-OFF (V3T9T9) (TRUE PN SS-43S6) (ALT PN SS-43GS6)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4A			ATTACHING PARTS		
60	95606A260		. WASHER, NYLON (V3A054)  * * *		1
65	9341354-1		. BRACKET  ATTACHING PARTS		1
70	MS51958-60B		. SCREW		4
- 75	AN960C10L		. WASHER SUPSD BY ITEM 75A		4
75A	NAS1149C0332R		. WASHER SUPSDS ITEM -75  * * *		4
80	SS6TA1-6AN		. ADAPTER, TUBE (V3T9T9) (TRUE PN SS-6-TA-1-6AN)		1
85	9819-101		. FAUCET ASSY, MECHANICALLY TIMED (V80477) (SEE CMM 38-20-05 FOR DET) (ALT PN CDSP4108-501)	A	1
- 85A	CDSP4108-501		. FAUCET AND DRAIN ASSY SEE FIG. 17 FOR DET	B	1
90	NAS1762J0606		. ELBOW		4
95	79251-06-0040		. HOSE ASSY (V24984)		1
100	4602012-501		. CLAMP ASSY, WATER FILTER  ATTACHING PARTS		1
105	MS51958-62B		. SCREW		4
- 110	AN960C10L		. WASHER SUPSD BY ITEM 110A		4

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4A 110A	NAS1149C0332R		. WASHER SUPSDS ITEM -110  * * *		4
115	9341006-5		. SPACER		2
120	4E3260-1		. HEATER, WATER (V0AJJ0) (CFE)		1
125	5321K24		. CLAMP, HOSE (V3A054)		2
130	9341006-9		. HOSE, DRAIN (V16632)		1
135	5321K17		. CLAMP, HOSE (V3A054)		2
140	9342006-5		. HOSE, DRAIN		1
145	6371071-505		. MUFFLER ASSY		1
150	MS21919WCG42		. CLAMP, LOOP  ATTACHING PARTS		1
155	MS51958-64B		. SCREW		1
- 160	AN960C10L		. WASHER SUPSD BY ITEM 160A		1
160A	NAS1149C0332R		. WASHER SUPSDS ITEM -160  * * *		1
165	CD1312-1		. STAND-OFF, CLAMP (ALT PN CDSP5504-025)		1
170	AN841-8J		. ELBOW, FLARE TUBE		1
175	5321K17		. CLAMP, HOSE (V3A054)		2
180	MS21919WCG14		. CLAMP, LOOP  ATTACHING PARTS		1
185	MS51958-66B		. SCREW		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

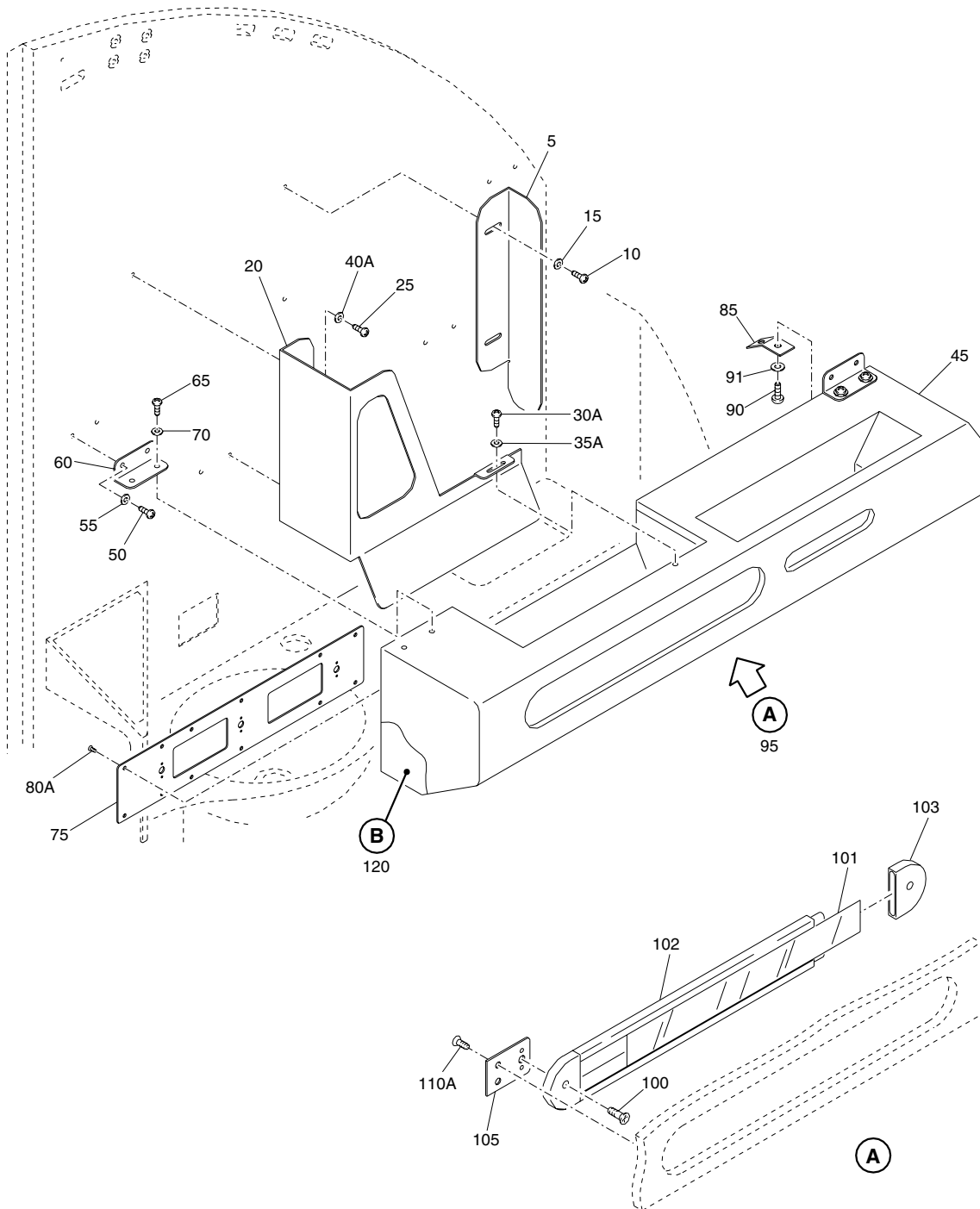
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
4A – 190	AN960C10L		. WASHER SUPSD BY ITEM 190A		1
190A	NAS1149C0332R		. WASHER SUPSDS ITEM -190  * * *		1
195	CD1312-3		. STAND-OFF, CLAMP		1
200	9342006-1		. HOSE, DRAIN		1
205	9812150-503		. REDUCER		1
210	5321K24		. CLAMP, HOSE (V3A054)		4
215	9341006-7		. HOSE, DRAIN (V16632)		1
220	9185032-501		. TUBE ASSY		1
225	MS21919WCG21		. CLAMP, LOOP  ATTACHING PARTS		1
230	MS51958-64B		. SCREW		1
– 235	AN960C10L		. WASHER SUPSD BY ITEM 235A		1
235A	NAS1149C0332R		. WASHER SUPSDS ITEM -235  * * *		1
240	CD1312-1		. STAND-OFF, CLAMP (ALT PN CDSP5504-025)		1
245	9342006-3		. HOSE, DRAIN (TRIM TO FIT)		1
250	CDDS022-11		. SEAL, SILICONE		1

– ITEM NOT ILLUSTRATED

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A412001/K042702

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A412001/K042702

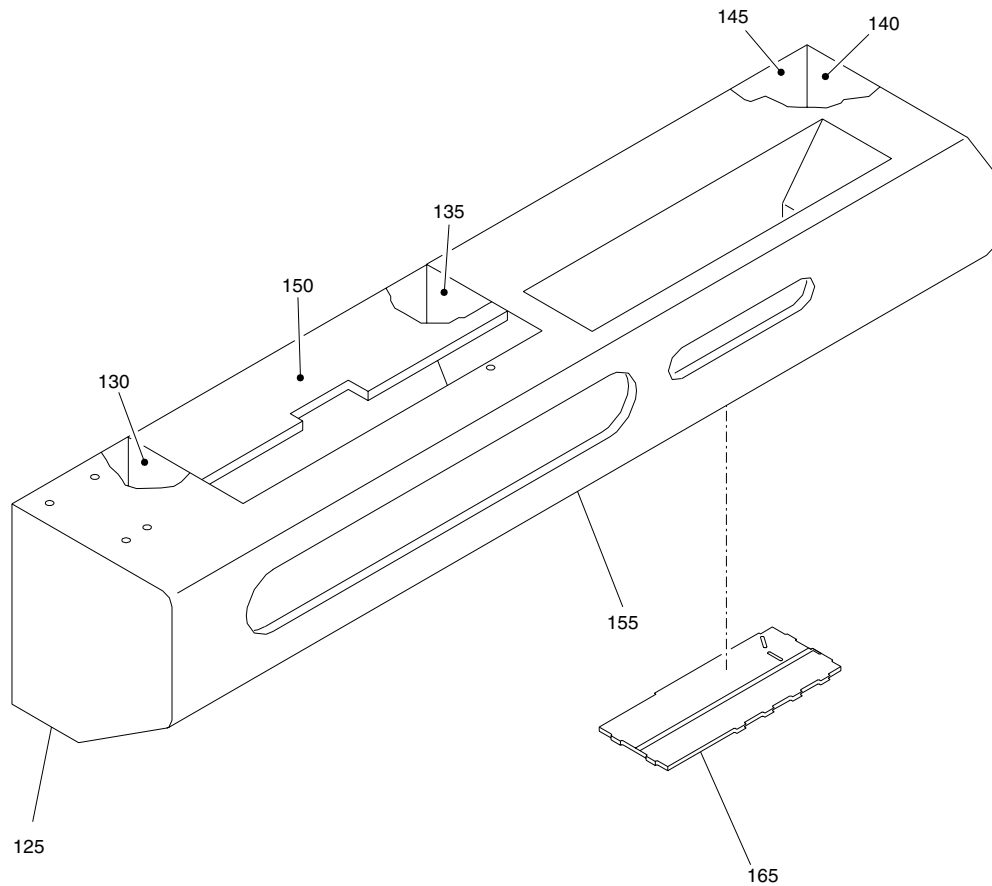


Amenity Box Installation  
(Sheet 1 of 2)

Figure 5/GRAPHIC 25-40-53-99b-008-A01

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



(B)

Amenity Box Installation  
(Sheet 2 of 2)  
Figure 5/GRAPHIC 25-40-53-99b-008-A01

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A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5	– 1 9341112-501		BOX INSTL, AMENITY SEE FIG. 1 FOR NHA		RF
	5 9341367-3		. BRACKET, PAPER HOLDER  ATTACHING PARTS		1
	10 NAS603-6P		. SCREW		2
	15 NAS1149F0332P		. WASHER		2
	– 15A NAS1149FN816P		. DELETED  * * *		D
	20 9341367-1		. BRACKET, PAPER HOLDER  ATTACHING PARTS		1
	25 NAS603-6P		. SCREW		2
	– 30 NAS603-4P		. SCREW SUPSD BY ITEM 30A		1
	30A NAS602-4P		. SCREW SUPSDS ITEM -30		1
	– 35 NAS1149F0332P		. WASHER SUPSD BY ITEM 35A		2
	35A NAS1149FN816P		. WASHER SUPSDS ITEM -35		1
	– 40 NAS1149FN816P		. WASHER SUPSD BY ITEM 40A		1
	40A NAS1149F0332P		. WASHER SUPSDS ITEM -40  * * *		2
	45 9341209-501		. BOX ASSY, AMENITY (RF TABLE 2 FOR TRIM AND FINISH)  ATTACHING PARTS		1
	50 NAS603-6P		. SCREW		8
	55 NAS1149F0332P		. WASHER		8

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 55A	NAS1149FN816P		. DELETED  * * *		D
60	9341304-1		.. MOUNTING BRACKET  ATTACHING PARTS		4
65	MS35207-259		.. SCREW		8
70	NAS1149F0332P		.. WASHER  * * *		8
75	9341357-505		.. BRACKET ASSY  ATTACHING PARTS		1
– 80	NAS514P832-4		.. SCREW SUPSD BY ITEM 80A		12
80A	NAS514P832-3		.. SCREW SUPSDS ITEM -80  * * *		12
– 81	C4893-012-3B		... CATCH (V3F8S3)  ATTACHING PARTS		3
– 82	MS20426AD3-3		... RIVET  * * *		6
– 83	9341357-5		... BRACKET		1
85	9341357-501		.. BRACKET ASSY, LIGHT  ATTACHING PARTS		2
90	NAS602-4P		.. SCREW		2
91	NAS1149F0332P		.. WASHER  * * *		2
– 92	MS21075L08		... NUTPLATE		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5			ATTACHING PARTS		
– 93	NAS1149F0332P		.. WASHER (MOVED TO ITEM 91)		D
– 93A	MS20426AD3-3		... RIVET  * * *		2
– 94	9341357-1		... BRACKET		1
95	9341212-501		.. LENS ASSY (MDF PN A-604-H - V06885) (MDF PN A-54-H - V06885)		1
			ATTACHING PARTS		
100	NAS514P832-10		.. SCREW  * * *		2
101	9341212-1		... LENS		1
102	9341212-9		... CAP (BONDED)		2
103	9341212-5		... CAP, MOUNTING (BONDED)		2
105	9341357-503		.. BRACKET ASSY  ATTACHING PARTS		2
– 110	NAS514P832-4		.. SCREW SUPSD BY ITEM 110A		4
110A	NAS514P832-3		.. SCREW SUPSDS ITEM -110  * * *		4
– 111	MS21075L08		... NUTPLATE  ATTACHING PARTS		1
– 112	MS20426AD3-3		... RIVET  * * *		2
– 113	9341357-3		... BRACKET		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

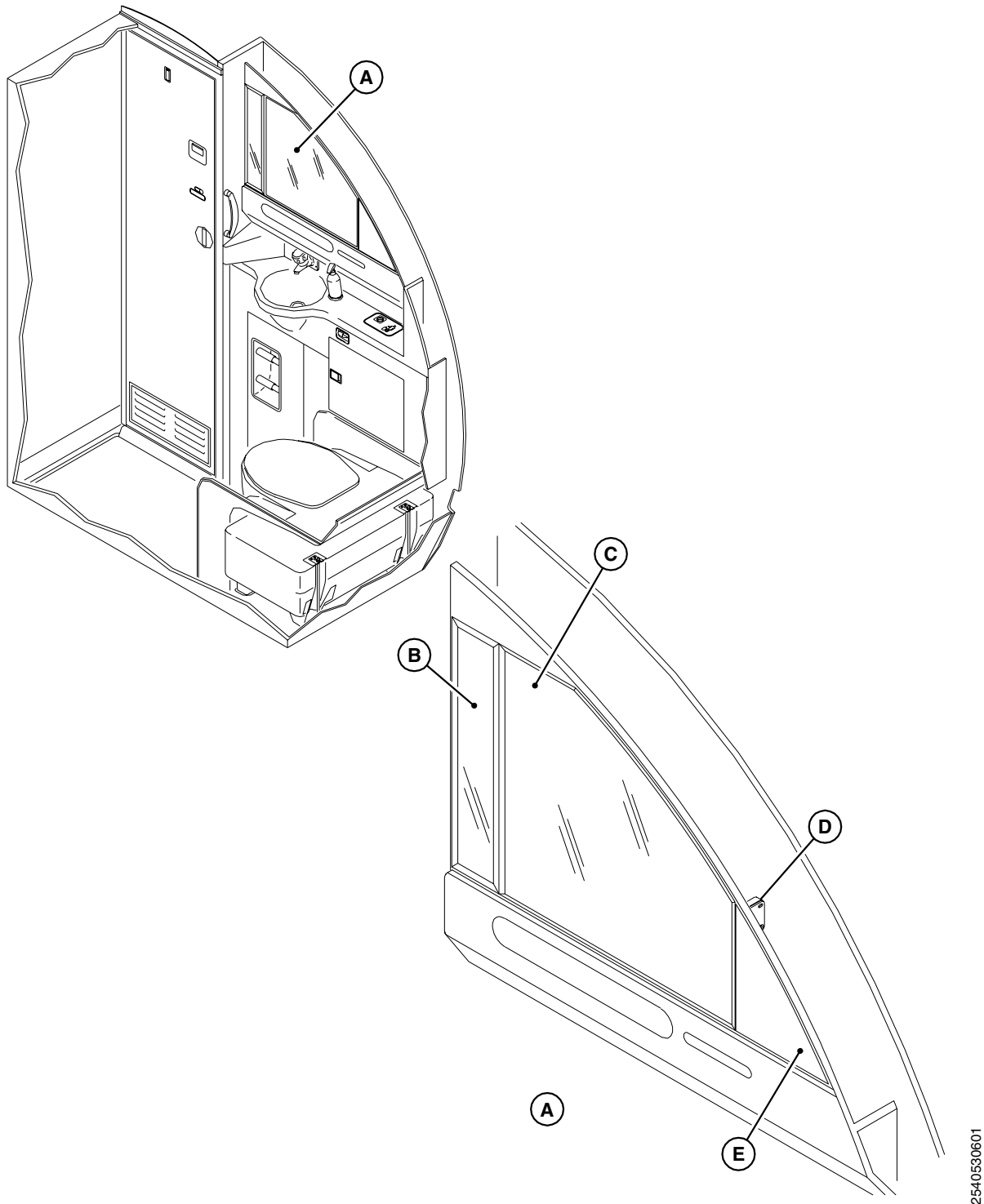
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
5 – 115	9341112-1		.. DECOR (BONDED) SUPSD BY ITEM -115A		AR
– 115A	9341209-1		.. DECOR (BONDED) SUPSDS ITEM -115		AR
120	9341224-501		.. STRUCTURE ASSY, BONDED		1
125	9341224-3		... PANEL, SIDE WALL (BONDED)		1
130	9341224-5		... PANEL, DIVIDER (BONDED)		1
135	9341224-7		... PANEL, DIVIDER (BONDED)		1
140	9341224-11		... PANEL, SIDE (BONDED)		1
145	9341224-13		... PANEL, SIDE (BONDED)		1
150	9341224-15		... PANEL, PAPER TOWEL GUIDE (BONDED)		1
155	9341224-601		... PANEL ASSY (BONDED)		1
– 160	9341224-1		.... PANEL		1
165	9341224-603		... PANEL ASSY, TISSUE BOX HOLDER (BONDED)		1
– 170	9341224-9		.... PANEL		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

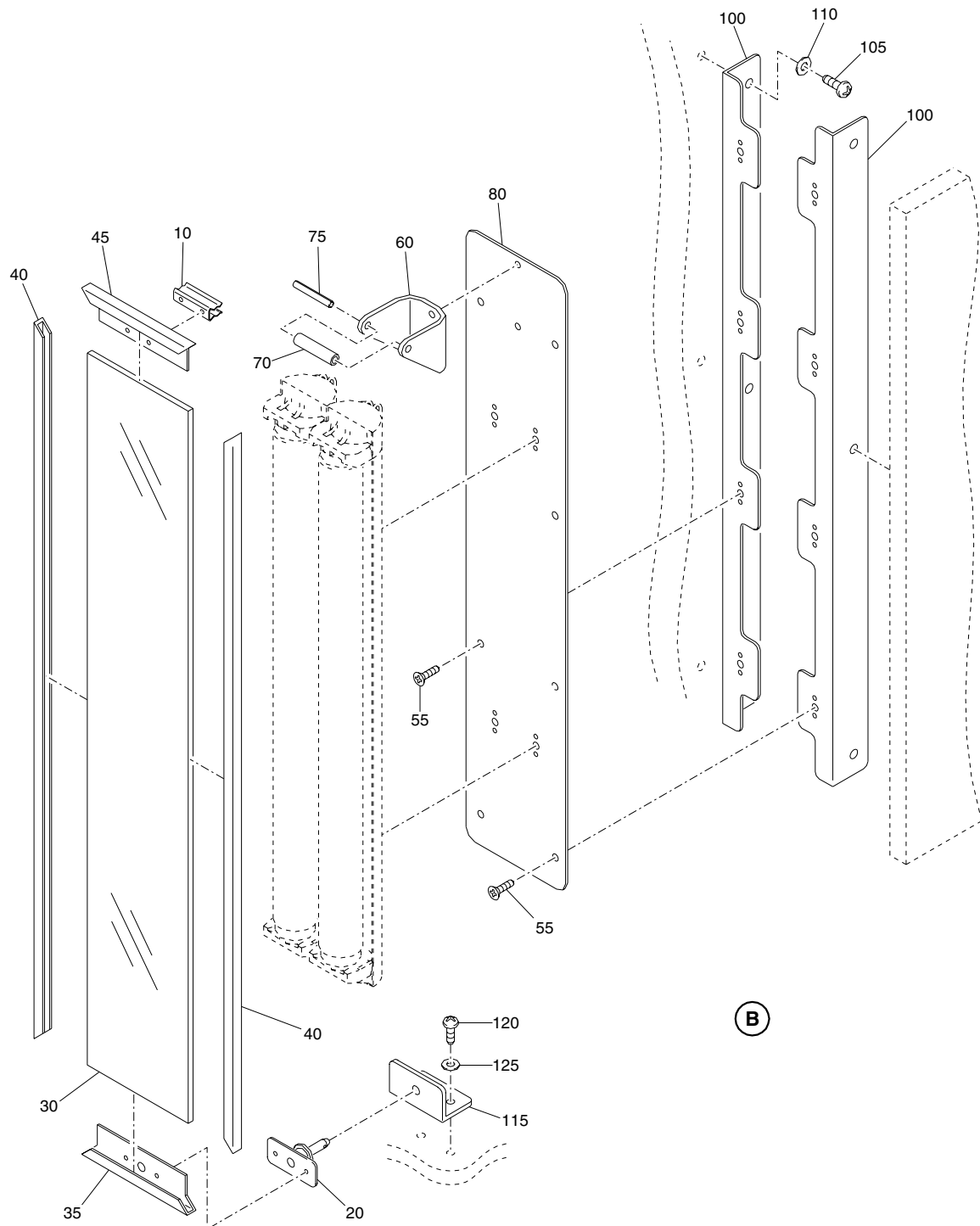
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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Door Mirror Installation  
(Sheet 1 of 4)  
Figure 6/GRAPHIC 25-40-53-99b-009-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

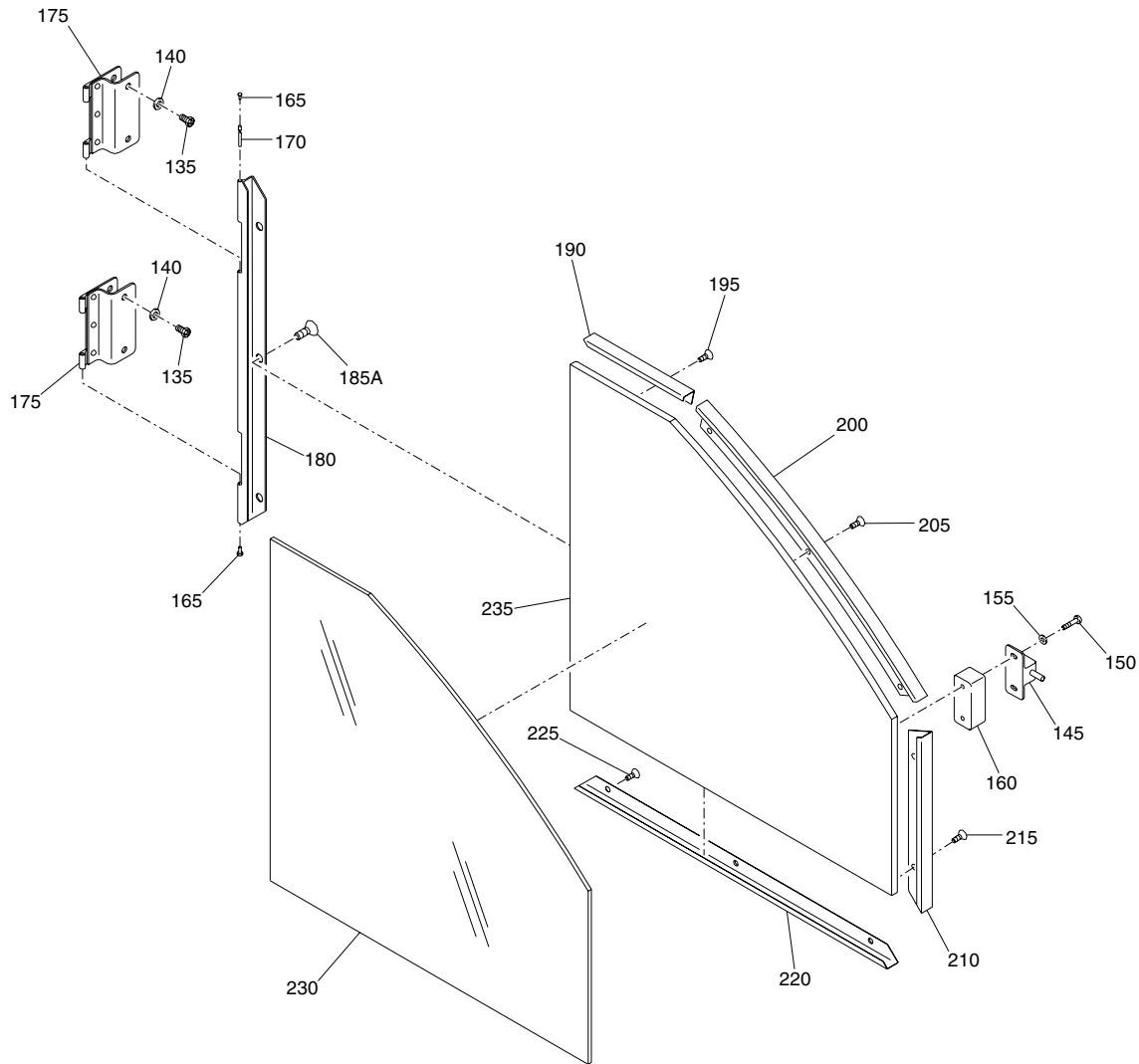


Door Mirror Installation  
(Sheet 2 of 4)

Figure 6/GRAPHIC 25-40-53-99b-009-A01

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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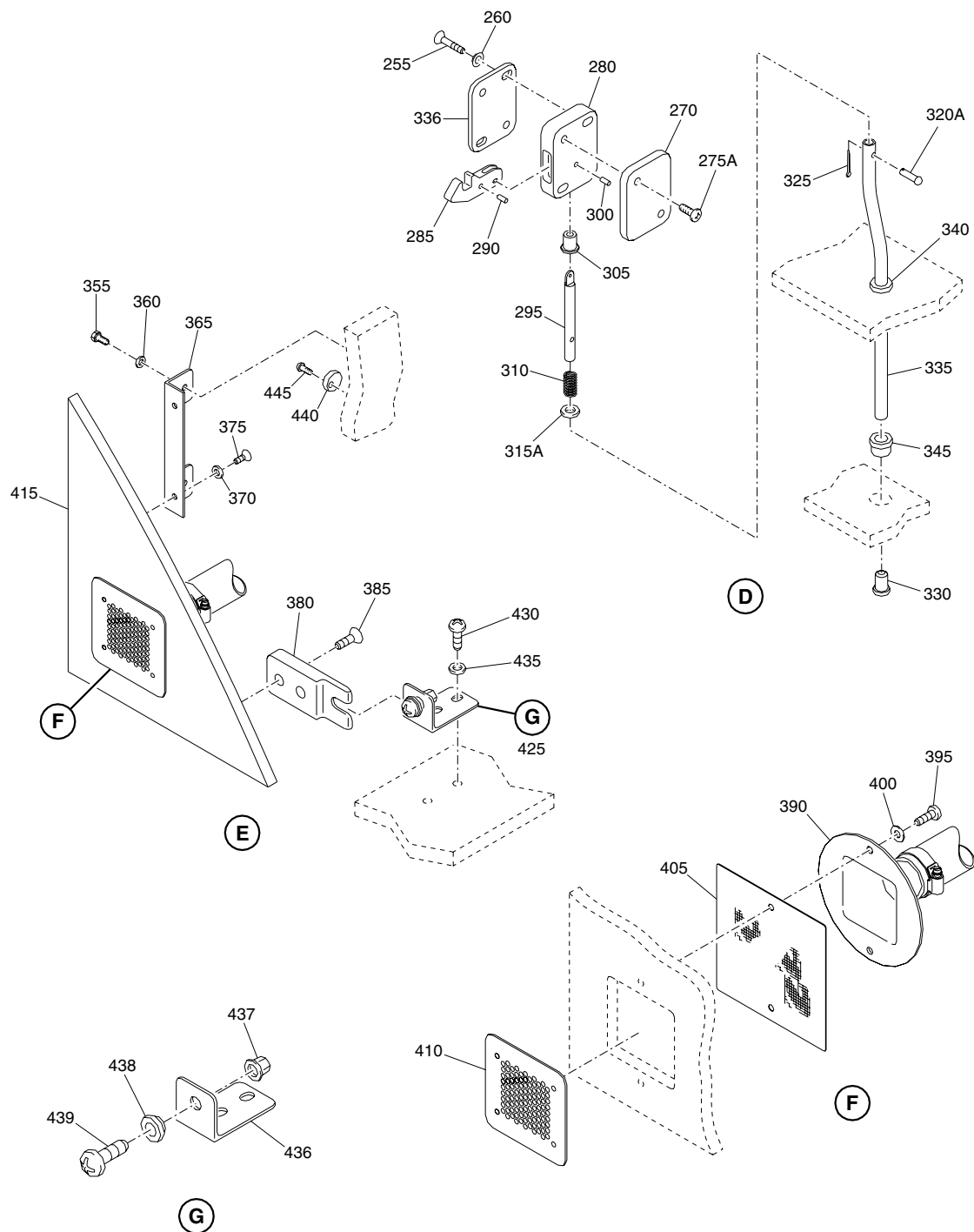
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Door Mirror Installation  
(Sheet 3 of 4)  
Figure 6/GRAPHIC 25-40-53-99b-009-A01

**25-40-53**

Page 10182  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Door Mirror Installation  
(Sheet 4 of 4)  
Figure 6/GRAPHIC 25-40-53-99b-009-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6	– 1	9341113-503	MIRROR INSTL, DOOR SEE FIG. 1 FOR NHA		RF
	– 5	9341212-503	. LENS ASSY		1
	10	4521-24-100-2	.. CLIP, SPRING (V86928)		1
			ATTACHING PARTS		
	– 15	MS20470AD3-2	.. RIVET		2
			* * *		
	20	AVL337	.. PIN, AUTO-LOCK (V84256)		1
			ATTACHING PARTS		
	– 25	MS20426AD5-4	.. RIVET SUPSD BY ITEM -25A		2
	– 25A	MS20426AD5-3	.. RIVET SUPSDS ITEM -25		2
			* * *		
	30	9341212-3	.. LENS		1
	35	9341212-7	.. CAP, MOUNT (BONDED)		1
	40	9341212-11	.. CAP (BONDED)		2
	45	9341212-13	.. CAP (BONDED)		1
	– 50	9341380-501	. PLATE ASSY, MOUNT		1
			ATTACHING PARTS		
	55	NAS514P832-7	. SCREW		8
			* * *		
	60	9341380-3	.. BRACKET, MOUNT		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6			ATTACHING PARTS		
– 65	MS20470AD4-4		.. RIVET * * *		2
70	9341380-5		.. TUBE		1
75	MS16562-233		.. PIN, SPRING		1
80	9341380-1		.. PLATE		1
			ATTACHING PARTS		
– 85	MS20426AD3-3		.. RIVET (MOVED TO ITEM -96) * * *		D
– 90	AKS4-832-80L		.. RIVNUT (V78276)		1
– 95	MS21075L08N		.. NUTPLATE, STEEL		4
			ATTACHING PARTS		
– 96	MS20426AD3-3		.. RIVET * * *		8
100	9341322-501		. BRACKET ASSY, MOUNT		2
			ATTACHING PARTS		
105	NAS1096-3-5		. SCREW		6
110	NAS1149F0332P		. WASHER * * *		6
– 111	MS21075L08N		.. NUTPLATE		4
			ATTACHING PARTS		
– 112	MS20426AD3-3		.. RIVET * * *		8
– 113	9341322-1		.. BRACKET		1
115	9341460-1		. RETAINER		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6			ATTACHING PARTS		
120	NAS1096-3-5		. SCREW		2
125	NAS1149F0332P		. WASHER		2
			* * *		
– 130	9341203-501		. DOOR ASSY, MIRROR		1
			ATTACHING PARTS		
135	NAS1096-3-5		. SCREW		8
140	NAS1149F0332P		. WASHER		8
			* * *		
145	9171100-503		.. BRACKET ASSY		1
			ATTACHING PARTS		
150	NAS623-2-13		.. SCREW		2
155	NAS1149FN832P		.. WASHER		2
			* * *		
160	9341461-3		.. SPACER		1
165	MS21318-14		.. SCREW, DRIVE		2
170	MS20253P2-1708		.. PIN, HINGE		1
175	9341215-501		.. HINGE ASSY		2
– 176	9341215-3		... BRACKET		1
			ATTACHING PARTS		
– 177	MS20470AD3-4		... RIVET		3
			* * *		
– 178	9341215-1		... HALF-HINGE		1
180	9341203-5		.. TRIM, HINGE		1
			ATTACHING PARTS		
– 185	MS514P832-4		.. SCREW (INCORRECT PN)		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 185A	NAS514P832-4		.. SCREW (CORRECT PN)  * * *		3
190	9341203-13		.. TRIM  ATTACHING PARTS		1
195	NAS514P832-4		.. SCREW  * * *		2
200	9341203-7		.. TRIM  ATTACHING PARTS		1
205	NAS514P832-4		.. SCREW  * * *		3
210	9341203-11		.. TRIM  ATTACHING PARTS		1
215	NAS514P832-4		.. SCREW  * * *		2
220	9341203-9		.. TRIM  ATTACHING PARTS		1
225	NAS514P832-4		.. SCREW  * * *		3
- 229	D181001-5		.. TAPE (BONDED)		AR
230	9341203-3		.. MIRROR		1
235	9341203-601		.. PANEL ASSY		1
- 240	TYE2161-08-09		... INSERT (V56958) SUPSD BY ITEM -240A		15
- 240A	CDSP5905-08-09		... INSERT SUPSDS ITEM -240		15
- 240B	CDSP59051-08-09		... DELETED		D

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 – 245	9341203-1		... PANEL		1
– 250	9341227-501		. LATCH ASSY		1
			ATTACHING PARTS		
255	MS35206-250		. SCREW		2
260	NAS1149FN816P		. WASHER		2
			* * *		
– 265	9341461-1		. SPACER (MOVED TO ITEM 336)		D
270	9171100-3		.. COVER		1
			ATTACHING PARTS		
– 275	NAS514P832-5		.. SCREW (INCORRECT PN)		D
275A	NAS514P832-7		.. SCREW (CORRECT PN)		2
			* * *		
280	9171100-505		.. HOUSING ASSY		1
285	9171100-5		.. HOOK		1
290	9171100-9		.. PIN		1
295	9171100-7		.. ROD		1
300	MS16562-200		.. PIN, SPRING		1
305	9171100-17		.. BUSHING		1
310	9435K76		.. SPRING, COMPRESSION (V3A054)		1
– 315	AN960-416L		.. WASHER SUPSD BY ITEM 315A		1
315A	NAS1149F0432P		.. WASHER SUPSDS ITEM -315		1
– 320	MS203921C11		.. PIN (INCORRECT PN)		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 320A	MS20392-1C11		.. PIN (CORRECT PN)		1
	325 MS24665-151		.. PIN, COTTER		1
	330 9171100-29		.. CAP (BONDED)		1
	335 9341227-1		.. TUBE		1
	336 9341461-1		. SPACER		1
	340 9341459-1		. GUIDE (BONDED)		1
	345 9341459-3		. GUIDE (BONDED)		1
- 350	9341204-503		. PANEL ASSY, CLOSEOUT (RF TABLE 2 FOR TRIM AND FINISH)		1
			ATTACHING PARTS		
	355 NAS1096-3-5		. SCREW		2
	360 NAS1149F0332P		. WASHER		2
			* * *		
	365 9341323-1		.. BRACKET, ANGLE		1
			ATTACHING PARTS		
	370 NAS514P832-4		.. SCREW		2
	375 CDSP5801-2AL		.. WASHER		2
			* * *		
	380 9341460-3		.. RETAINER		1
			ATTACHING PARTS		
	385 NAS514P832-6		.. SCREW		2
			* * *		
	390 9341414-501		.. DISCONNECT ASSY, AIR OUTLET		1
			ATTACHING PARTS		
	395 NAS602-5P		.. SCREW		2

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 400	NAS1149FN832P		.. WASHER  * * *		2
- 401	9341414-1		... GASKET (BONDED)		1
- 402	9341414-3		... DISCONNECT		1
405	9341360-1		.. PLATE, BLANKING		1
410	9341265-501		.. TRIM ASSY, AIR OUTLET (BONDED)		1
- 411	9341265-1		... TRIM  ATTACHING PARTS		2
- 412	MS20426A3-2		... RIVET  * * *		4
- 413	9341383-1		... SCREEN		1
415	9341036-503		.. PANEL ASSY		1
- 420	9341204-1		.. DECOR (BONDED)		AR
425	9341321-501		. RETAINER ASSY  ATTACHING PARTS		1
430	NAS1096-3-4		. SCREW		2
435	NAS1149F0332P		. WASHER  * * *		2
436	9341321-1		.. BRACKET  ATTACHING PARTS		1
437	MS21042L08		.. NUT		1
438	5607-90		.. WASHER, NYLON (V86928)		1
439	MS35206-245		.. SCREW  * * *		1

- ITEM NOT ILLUSTRATED

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A412001/K042702

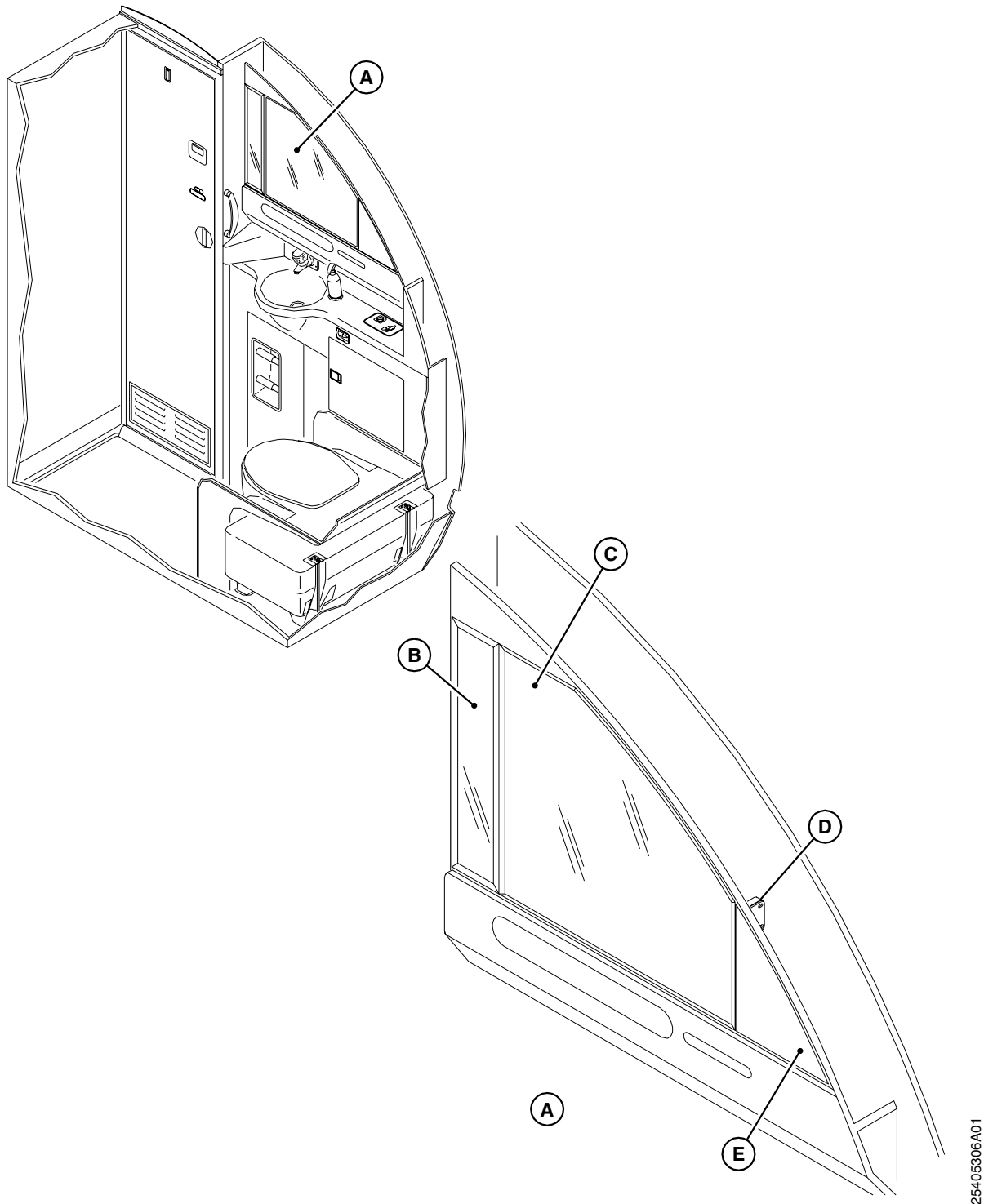
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6 440	4601309-1		. STOP, ECCENTRIC (ALT PN CDSP5602-1)		1
445	NAS514P832-10		ATTACHING PARTS . SCREW * * *		1

– ITEM NOT ILLUSTRATED

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A412001/K042702

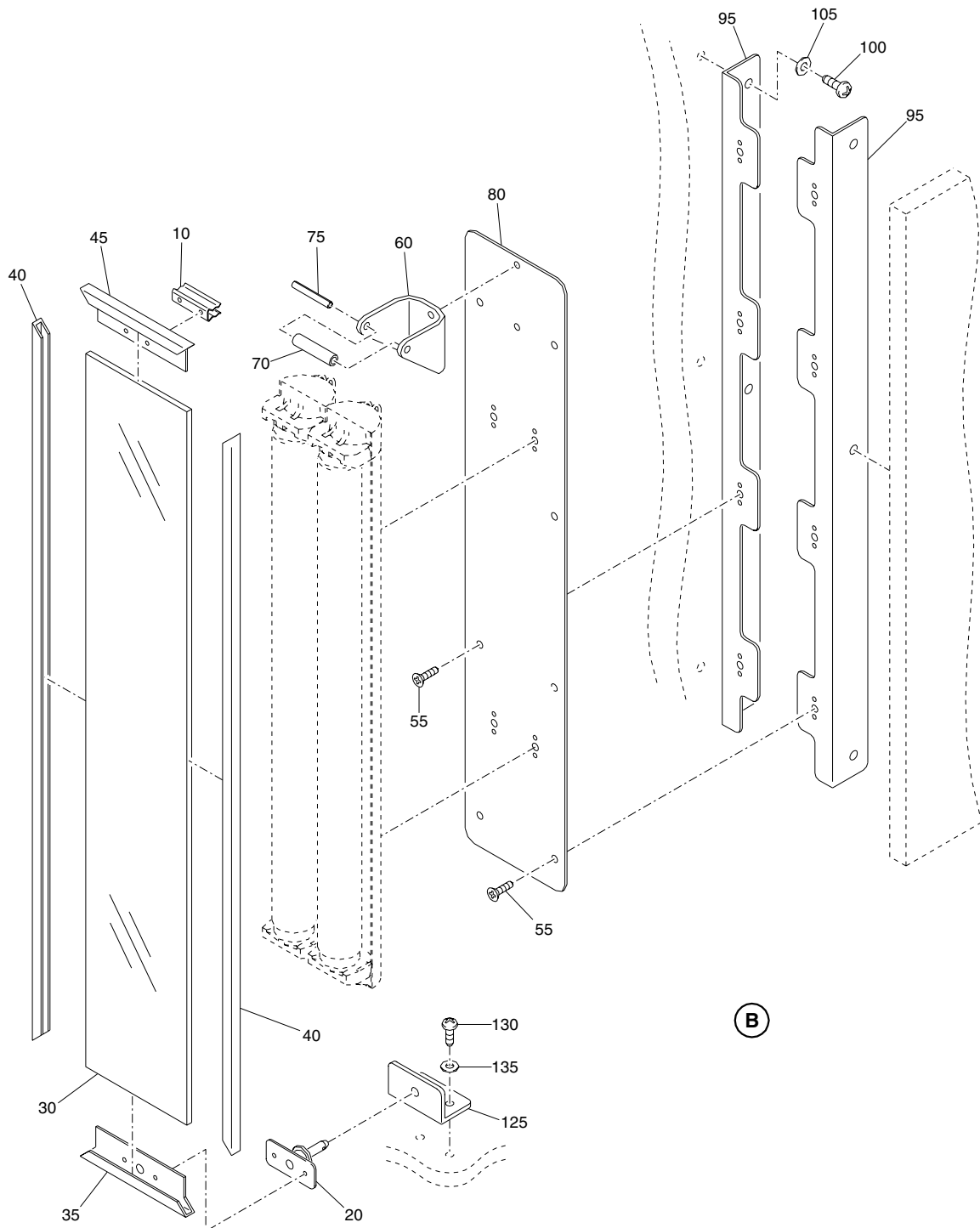
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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Door Mirror Installation  
(Sheet 1 of 4)  
Figure 6A/GRAPHIC 25-40-53-99b-010-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



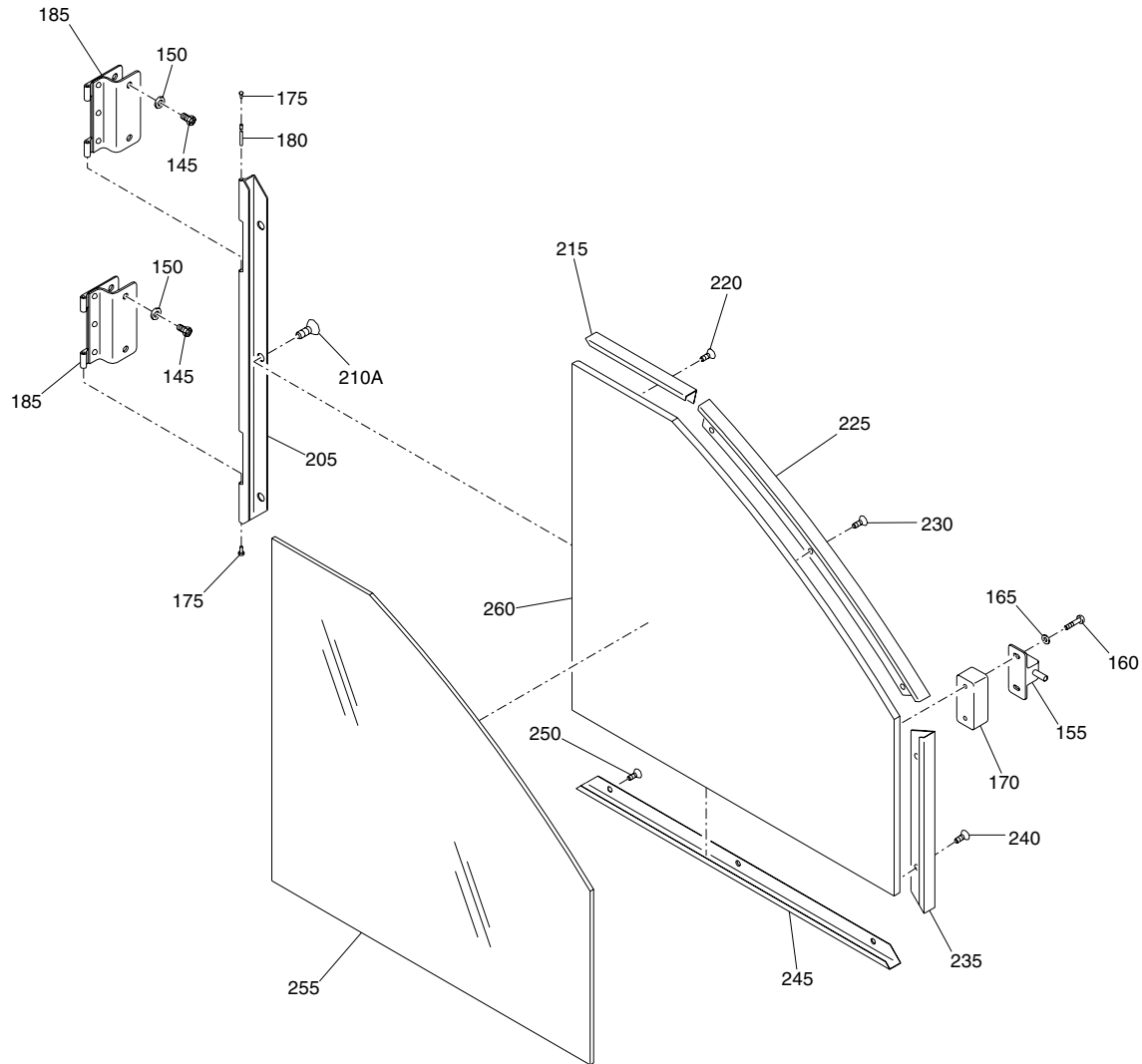
25405306A02

Door Mirror Installation  
(Sheet 2 of 4)  
Figure 6A/GRAPHIC 25-40-53-99b-010-A01

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Page 10195  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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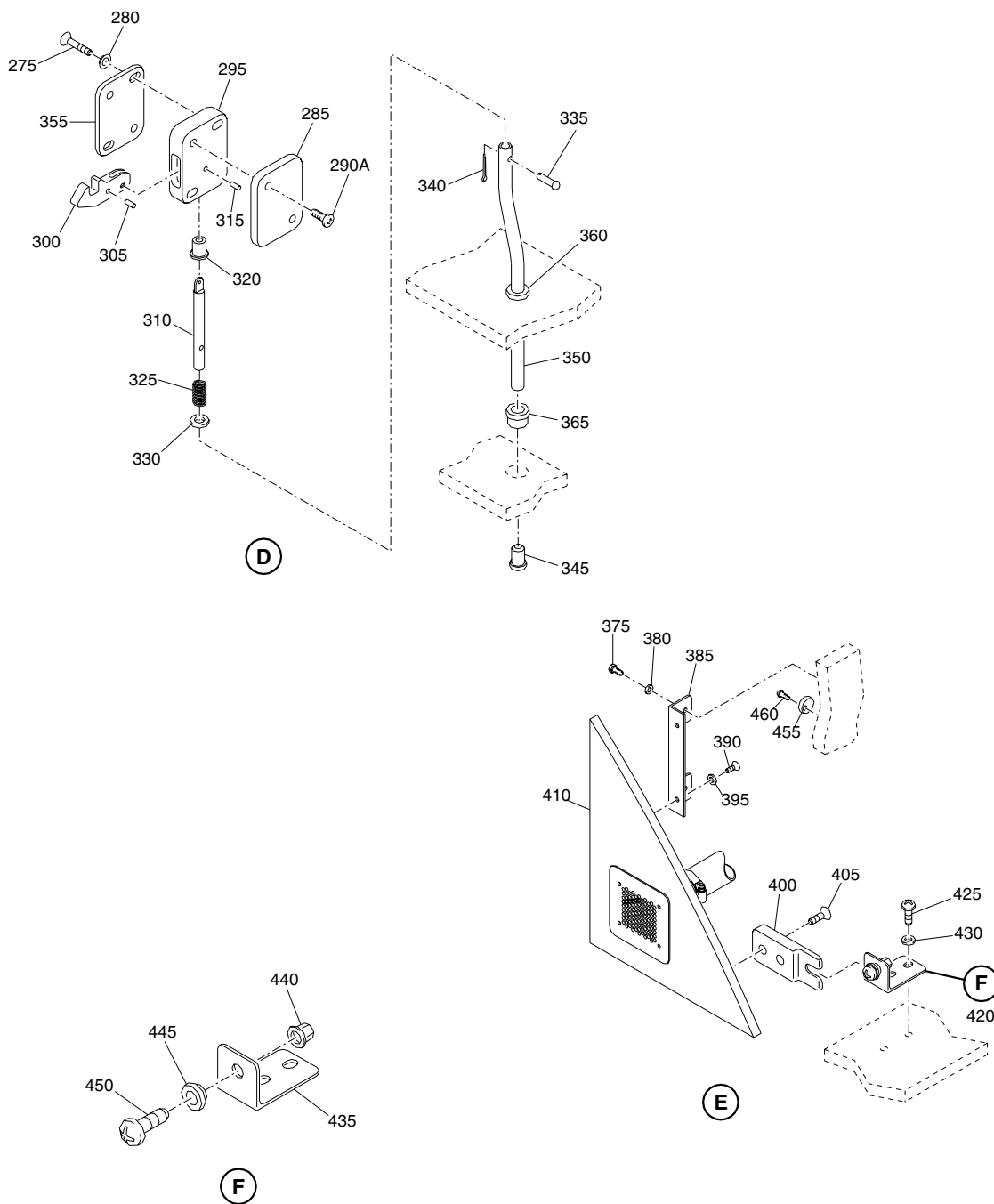
25405306A03

Door Mirror Installation  
(Sheet 3 of 4)  
Figure 6A/GRAPHIC 25-40-53-99b-010-A01

**25-40-53**

Page 10196  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



25405306A04

Door Mirror Installation  
(Sheet 4 of 4)  
Figure 6A/GRAPHIC 25-40-53-99b-010-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A	– 1	A417113-501	MIRROR INSTL, DOOR SEE FIG. 1 FOR NHA		RF
	– 5	9341212-503	. LENS ASSY		1
	10	4521-24-100-2	.. CLIP, SPRING (V86928)		1
			ATTACHING PARTS		
	– 15	MS20470AD3-2	.. RIVET		2
			* * *		
	20	AVL337	.. PIN, AUTO-LOCK (V84256)		1
			ATTACHING PARTS		
	– 25	MS20426AD5-4	.. RIVET SUPSD BY ITEM -25A		2
	– 25A	MS20426AD5-3	.. RIVET SUPSDS ITEM -25		2
			* * *		
	30	9341212-3	.. LENS		1
	35	9341212-7	.. CAP, MOUNT (BONDED)		1
	40	9341212-11	.. CAP (BONDED)		2
	45	9341212-13	.. CAP (BONDED)		1
	– 50	9341380-501	. PLATE ASSY, MOUNT		1
			ATTACHING PARTS		
	55	NAS514P832-7	. SCREW		8
			* * *		
	60	9341380-3	.. BRACKET		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A			ATTACHING PARTS		
– 65	MS20470AD4-4		.. RIVET * * *		2
70	9341380-5		.. SPACER		1
75	MS16562-233		.. PIN, SPRING		1
80	9341380-1		.. PLATE		1
			ATTACHING PARTS		
– 85	MS20426AD3-3		.. RIVET * * *		8
– 90	MS21075L08N		.. NUTPLATE		4
95	9341322-501		. BRACKET ASSY, MOUNT		2
			ATTACHING PARTS		
100	NAS1096-3-5		. SCREW		6
105	NAS1149F0332P		. WASHER * * *		6
– 110	MS21075L08N		.. NUTPLATE		4
			ATTACHING PARTS		
– 115	MS20426AD3-3		.. RIVET * * *		8
– 120	9341322-1		.. BRACKET		1
125	9341460-1		. RETAINER		1
			ATTACHING PARTS		
130	NAS1096-3-5		. SCREW		2
135	NAS1149F0332P		. WASHER * * *		2
– 140	9341203-501		. DOOR ASSY, MIRROR		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A			ATTACHING PARTS		
145	NAS1096-3-5		. SCREW		8
150	NAS1149F0332P		. WASHER		8
			* * *		
155	9171100-503		.. BRACKET ASSY		1
			ATTACHING PARTS		
160	NAS623-2-13		.. SCREW		2
165	NAS1149FN832P		.. WASHER		2
170	9341461-3		.. SPACER		1
			* * *		
175	MS21318-14		.. SCREW, DRIVE		2
180	MS20253P2-1708		.. PIN, HINGE		1
185	9341215-501		.. HINGE ASSY		2
- 190	9341215-3		... BRACKET		1
			ATTACHING PARTS		
- 195	MS20470AD3-4		... RIVET		3
			* * *		
- 200	9341215-1		... HALF-HINGE		1
205	9341203-5		.. TRIM, HINGE		1
			ATTACHING PARTS		
- 210	MS514P832-4		.. SCREW (INCORRECT PN)		D
210A	NAS514P832-4		.. SCREW (CORRECT PN)		3
			* * *		
215	9341203-13		.. TRIM		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A			ATTACHING PARTS		
220	NAS514P832-4		.. SCREW * * *		2
225	9341203-7		.. TRIM ATTACHING PARTS		1
230	NAS514P832-4		.. SCREW * * *		3
235	9341203-11		.. TRIM ATTACHING PARTS		1
240	NAS514P832-4		.. SCREW * * *		2
245	9341203-9		.. TRIM ATTACHING PARTS		1
250	NAS514P832-4		.. SCREW * * *		3
- 254	D181001-5		.. TAPE (BONDED)		AR
255	9341203-3		.. MIRROR		1
260	9341203-601		.. PANEL ASSY		1
- 263	CDSP59051-08-09		... INSERT (INCORRECT PN)		D
- 263A	CDSP5905-08-09		... INSERT (BONDED) (CORRECT PN)		15
- 265	9341203-1		... PANEL		1
- 270	9341227-501		. LATCH ASSY ATTACHING PARTS		1
275	MS35206-250		. SCREW		2

- ITEM NOT ILLUSTRATED

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A 280	NAS1149FN816P		. WASHER  * * *		2
285	9171100-3		.. COVER		1
- 290	NAS514P832-5		.. SCREW SUPSD BY ITEM 290A		2
290A	NAS514P832-7		.. SCREW SUPSDS ITEM -290		2
295	9171100-505		.. HOUSING ASSY		1
300	9171100-5		.. HOOK		1
305	9171100-9		.. PIN		1
310	9171100-7		.. ROD		1
315	MS16562-200		.. PIN, SPRING		1
320	9171100-17		.. BUSHING		1
325	9435K76		.. SPRING, COMPRESSION (V3A054)		1
330	NAS1149F0432P		.. WASHER		1
335	MS20392-1C11		.. PIN		1
340	MS24665-151		.. PIN, COTTER		1
345	9171100-29		.. CAP (BONDED)		1
350	9341227-1		.. TUBE		1
355	9341461-1		. SPACER		1
360	9341459-1		. GUIDE (BONDED)		1
365	9341459-3		. GUIDE (BONDED)		1
- 370	A417204-501		. PANEL ASSY, CLOSEOUT  ATTACHING PARTS		1
375	NAS1096-3-5		. SCREW		2

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A 380	NAS1149F0332P		. WASHER  * * *		2
385	9341323-1		.. BRACKET, ANGLE  ATTACHING PARTS		1
390	NAS514P832-4		.. SCREW		2
395	CDSP5801-2AL		.. WASHER  * * *		2
400	9341460-3		.. RETAINER  ATTACHING PARTS		1
405	NAS514P832-6		.. SCREW  * * *		2
410	A417026-501		.. PANEL ASSY		1
- 415	A417204-1		.. DECOR (BONDED)		AR
420	9341321-501		. RETAINER ASSY  ATTACHING PARTS		1
425	NAS1096-3-4		. SCREW		2
430	NAS1149F0332P		. WASHER  * * *		2
435	9341321-1		.. BRACKET  ATTACHING PARTS		1
440	MS21042L08		.. NUT		1
445	5607-90		.. WASHER, NYLON (V86928)		1
450	MS35206-245		.. SCREW  * * *		1
455	4601309-1		. STOP, ECCENTRIC (ALT PN CDSP5602-1)		1

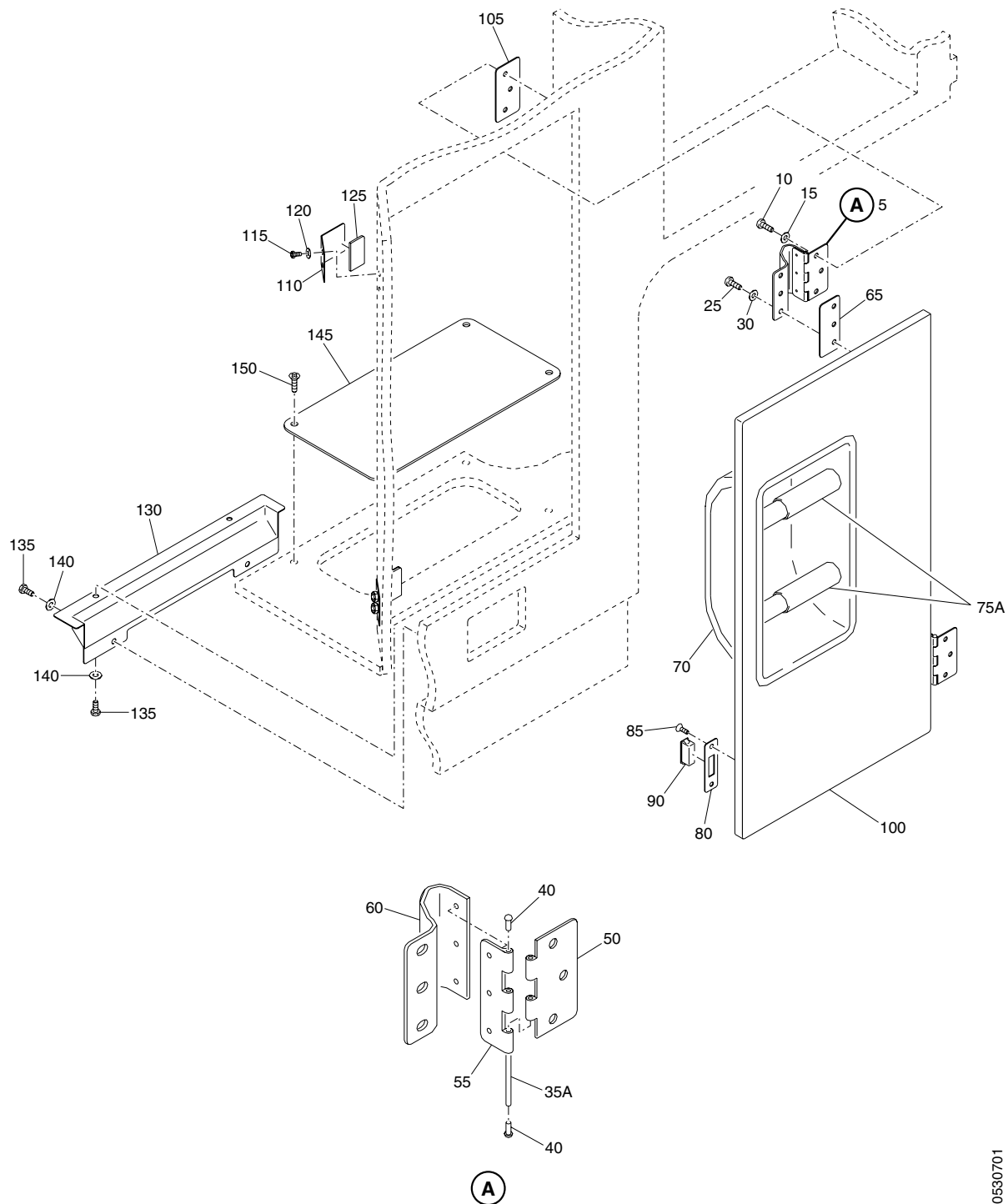
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FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
6A  460	NAS514P832-10		ATTACHING PARTS  . SCREW  * * *		1

– ITEM NOT ILLUSTRATED

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A412001/K042702



Service Door Installation  
Figure 7/GRAPHIC 25-40-53-99b-011-A01

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
7	– 1	9341115-501	DOOR INSTL, SERVICE SEE FIG. 1 FOR NHA		RF
	5	9341201-501	. DOOR ASSY, SERVICE  ATTACHING PARTS		1
	10	NAS603-7P	. SCREW		6
	15	NAS1149F0332P	. WASHER  * * *		6
	– 20	9341228-501	.. HINGE ASSY  ATTACHING PARTS		2
	25	MS35207-263	.. SCREW		6
	30	NAS1149F0332P	.. WASHER  * * *		6
	– 35	MS20253P2-200	... PIN, HINGE SUPSD BY ITEM 35A		1
	35A	MS20253P2-0200	... PIN, HINGE SUPSDS ITEM -35		1
	40	MS21318-15	... SCREW, DRIVE		2
	– 45	MS20426AD3-4	... RIVET (MOVED TO ITEM -61)		D
	50	9341228-1	... HALF-HINGE		1
	55	9341228-3	... HALF-HINGE		1
	60	9341228-5	... HINGE  ATTACHING PARTS		1
	– 61	MS20426AD3-4	... RIVET  * * *		3
	65	9341368-1	.. BACKPLATE (BONDED)		2
	70	9341412-501	.. HOLDER ASSY, TOILET PAPER (BONDED)		1

– ITEM NOT ILLUSTRATED

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
7	– 71	9341412-1	... HOUSING		1
	– 72	9341412-3	... PLATE (BONDED)		2
	– 75	9341201-5	.. SHAFT, PAPER ROLL SUPSD BY ITEM 75A		2
	75A	H831205-501	.. SHAFT, PAPER ROLL SUPSDS ITEM -75		2
	80	9341201-11	.. PLATE  ATTACHING PARTS		2
	85	NAS514P632-4	.. SCREW  * * *		4
	90	02-10-301-20	.. LATCH, MAGNETIC (V94222)		2
	– 95	9341201-3	.. DECOR, LAMINATE (BONDED)		AR
	100	9341201-601	.. PANEL ASSY, DOOR		1
	– 101	CDSP5905-3-13	... INSERT (BONDED)		6
	– 102	CDSP5905-06-13	... INSERT (BONDED)		4
	– 103	9341201-1	... PANEL		1
	105	9341368-3	. BACKPLATE (BONDED)		2
	110	9341371-1	. STOPPER  ATTACHING PARTS		2
	115	NAS1096-2-6	. SCREW		4
	120	NAS1149FN816P	. WASHER  * * *		4
	125	02-14-101-14	. STRIKER (V94222)		2
	130	9341409-1	. PLATE, CLOSEOUT		1

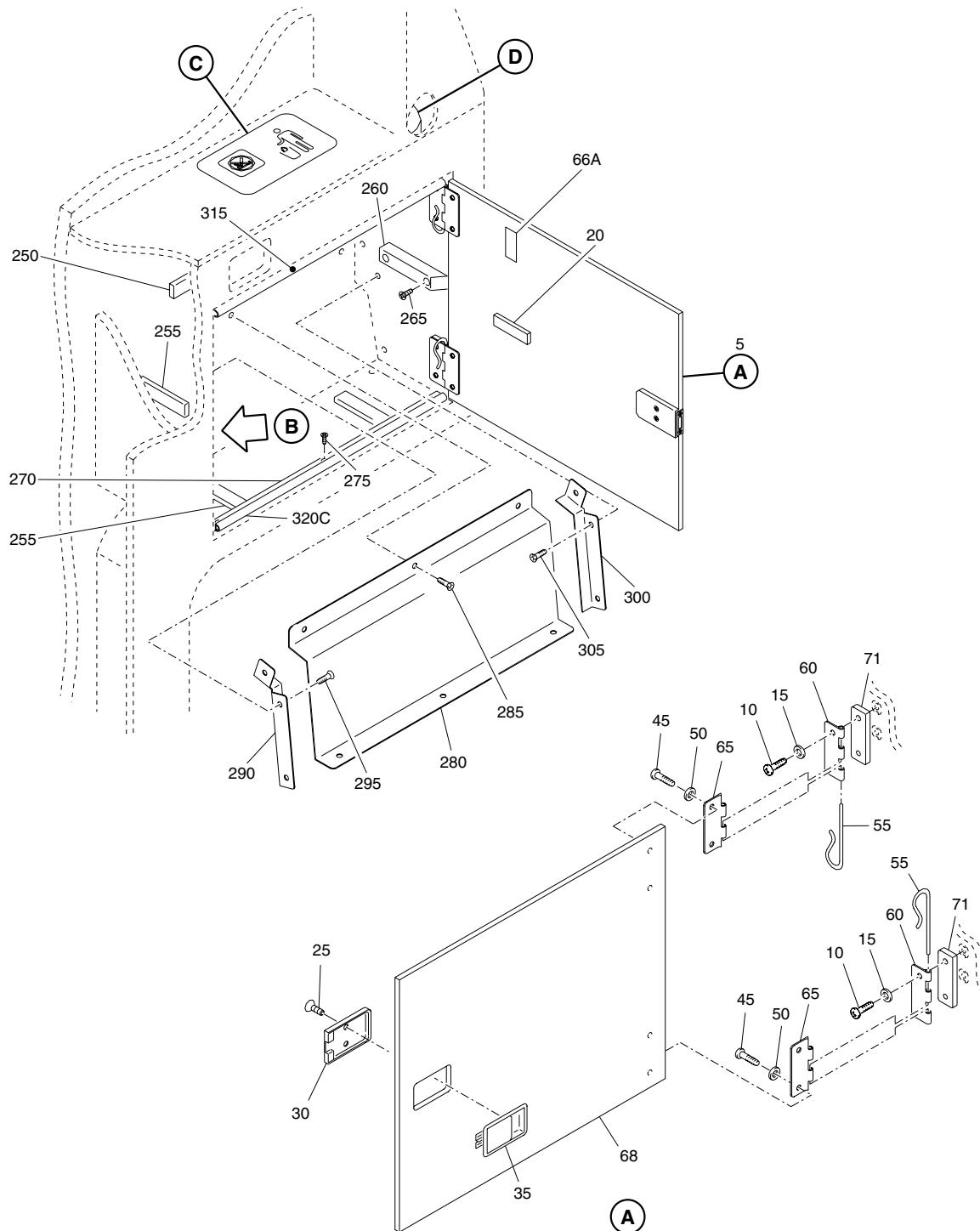
– ITEM NOT ILLUSTRATED

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
7			ATTACHING PARTS		
135	NAS1096-2-6		. SCREW		4
140	NAS1149FN816P		. WASHER		4
			* * *		
145	9341370-1		. PLATE, ACCESS		1
			ATTACHING PARTS		
150	NAS514P832-6		. SCREW		4
			* * *		

– ITEM NOT ILLUSTRATED

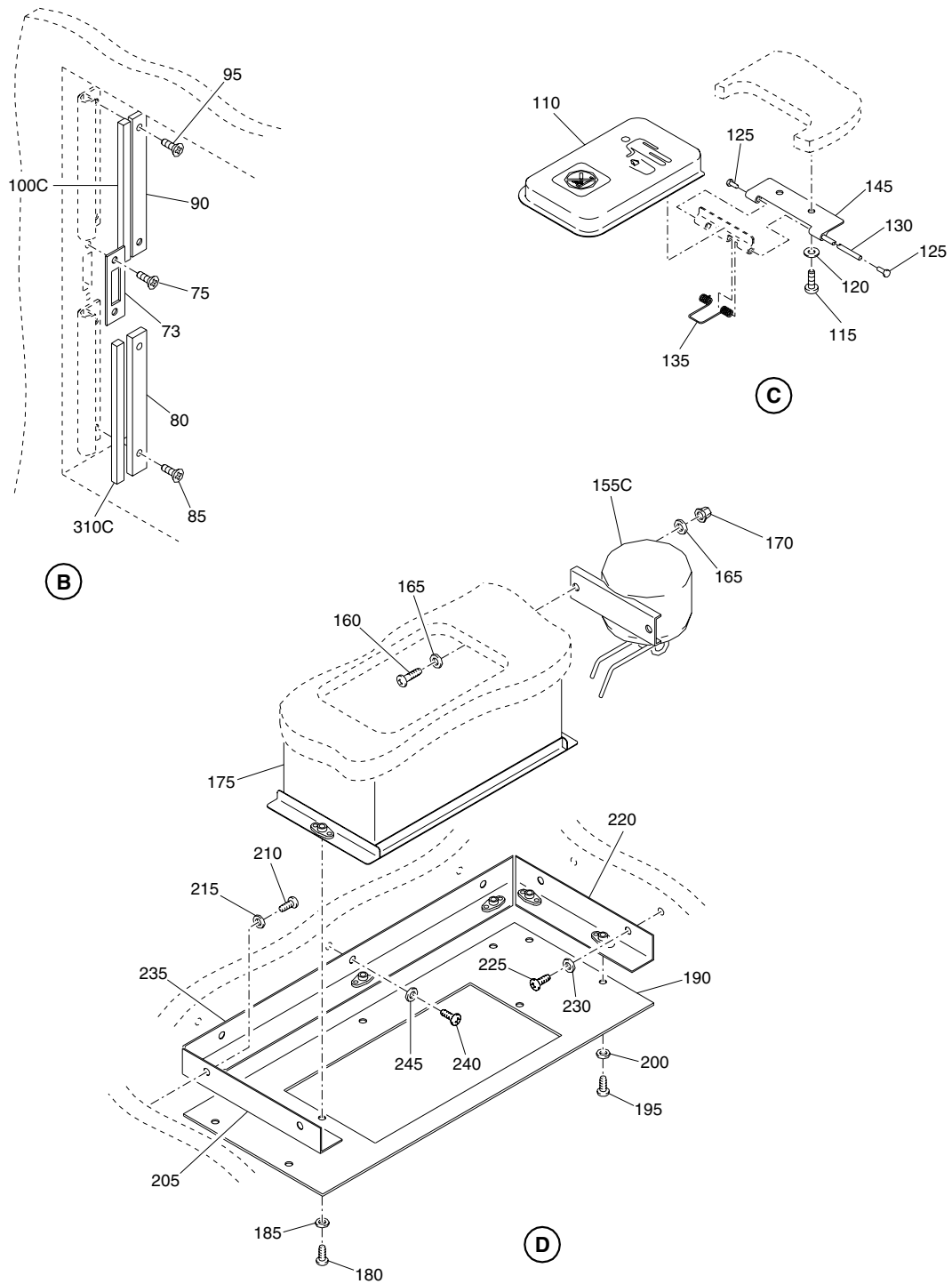
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A412001/K042702



2540530801

Waste Compartment Installation  
(Sheet 1 of 2)  
Figure 8/GRAPHIC 25-40-53-99b-012-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Waste Compartment Installation  
(Sheet 2 of 2)  
Figure 8/GRAPHIC 25-40-53-99b-012-A01

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8	– 1	9341116-501	COMPARTMENT INSTL, WASTE SEE FIG. 1 FOR NHA	A	RF
	– 1A	9341116-503	COMPARTMENT INSTL, WASTE SEE FIG. 1 FOR NHA	B	RF
	5	9341202-501	. DOOR ASSY		1
			ATTACHING PARTS		
	10	MS24693C51	. SCREW (TRUE PN MS24693-C51)		4
	15	CDSP5801-2CP	. WASHER		4
			* * *		
	20	CDSP2400T25	.. RUBSTRIP ASSY (TRUE PN CDSP2400T-25-0280)		1
	25	NAS514P1032-5	.. SCREW		2
	30	9341259-1	.. COVER, LATCH		1
	– 31	9341037-1	.. COVER, LATCH (BONDED)		1
	35	SAM223-11	.. LATCH (V31845) (TRUE PN SAM 223-11)		1
	– 40	9341237-501	.. HINGE ASSY		2
			ATTACHING PARTS		
	45	NAS514P832-4	.. SCREW		4
	50	CDSP5801-2AL	.. WASHER		4
			* * *		
	55	9341237-5	... PIN		1
	60	9341237-3	... HALF-HINGE		1
	65	9341237-1	... HALF-HINGE		1
	– 66	9341202-3	.. INDICATING, TEMPERATURE (V3A054) SUPSD BY ITEM 66A		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8 66A	5956K16		.. INDICATING, TEMPERATURE (V3A054) SUPSDS ITEM -66		1
- 67	9341202-1		.. DECOR (BONDED)		AR
68	9341035-501		.. PANEL ASSY		1
- 69	CDSP5905-08-06		... INSERT (BONDED)		4
- 70	9341035-1		... PANEL		1
71	9341451-9		. RUBSTRIP		2
73	CDSP1104-1		. STRIKER		1
- 73A	9341341-1		. DELETED		D
			ATTACHING PARTS		
75	MS24693C25		. SCREW (TRUE PN MS24693-C25)  * * *		2
80	9341451-3		. RUBSTRIP  ATTACHING PARTS		1
85	MS24693C50		. SCREW (TRUE PN MS24693-C50)  * * *		2
90	9341451-5		. RUBSTRIP  ATTACHING PARTS		1
95	MS24693C50		. SCREW (TRUE PN MS24693-C50)  * * *		2
- 100	9341116-1		. SEAL (BONDED) SUPSD BY ITEM -100A	A	1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8 – 100A	9341116-9		. P-SEAL (BONDED) SUPSDS ITEM -100		1
– 100B	9341116-1		. SEAL (BONDED) PRE SB 9341116-25-01	A	1
100C	9341116-9		. P-SEAL (BONDED) ADDED POST SB 9341116-25-01	A	1
– 105	9341451-9		. RUBSTRIP (MOVED TO ITEM 71)		D
110	9341217-501		. FLAP ASSY, WASTE  ATTACHING PARTS		1
115	MS51957-42B		. SCREW		2
120	NAS1149CN816R		. WASHER  * * *		2
125	MS21318-15		.. SCREW, DRIVE		2
130	9341217-7		.. PIN, HINGE		1
135	9361031-1		.. SPRING		1
145	9341217-5		.. HALF-HINGE		1
– 147	9341217-601		.. FLAP ASSY, WASTE WELDED		1
– 150	9341217-1		... DELETED		D
– 153	9341217-3		... DELETED		D
– 155	A825100-4		. FIRE EXTINGUISHER (V61423) (SEE CMM 26-25-04 FOR DET) SUPSD BY ITEM -155A	A	1
– 155A	G825100-4		. FIRE EXTINGUISHER (V61423) (SEE CMM 26-25-04 FOR DET) SUPSDS ITEM -155		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8 – 155B	A825100-4		. FIRE EXTINGUISHER (V61423) (SEE CMM 26-25-04 FOR DET) PRE SB 9341116-25-02	A	1
155C	G825100-4		. FIRE EXTINGUISHER (V61423) (SEE CMM 26-25-04 FOR DET) ADDED POST SB 9341116-25-02	A	1
			ATTACHING PARTS		
160	MS51957-44B		. SCREW		2
165	NAS1149CN816R		. WASHER		4
170	MS21043-08		. NUT		2
			* * *		
175	9341373-501		. CHUTE ASSY, WASTE		1
			ATTACHING PARTS		
180	MS51957-42B		. SCREW		4
185	NAS1149CN816R		. WASHER		4
			* * *		
190	9341356-3		. PLATE, TOP CLOSEOUT		1
			ATTACHING PARTS		
195	MS51957-43B		. SCREW		9
200	NAS1149CN816R		. WASHER		9
			* * *		
205	9341305-501		. BRACKET ASSY, CLOSEOUT		1
			ATTACHING PARTS		
210	MS51957-42B		. SCREW		2
215	NAS1149CN816R		. WASHER		2
			* * *		
220	9341305-502		. BRACKET ASSY, CLOSEOUT		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8			ATTACHING PARTS		
225	MS51957-42B		. SCREW		2
230	NAS1149CN816R		. WASHER		2
			* * *		
235	9341305-503		. BRACKET ASSY, CLOSEOUT		1
			ATTACHING PARTS		
240	MS51957-42B		. SCREW		3
245	NAS1149CN816R		. WASHER		3
			* * *		
250	CDSP2400T12-060		. RUBSTRIP ASSY (TRUE PN CDSP2400T-12-0600)		1
255	CDSP2400T25-028		. RUBSTRIP ASSY (TRUE PN CDSP2400T-25-0280)		3
260	9341451-7		. RUBSTRIP		1
			ATTACHING PARTS		
265	MS24693C53		. SCREW (TRUE PN MS24693-C53)		2
			* * *		
270	9341451-1		. RUBSTRIP		1
			ATTACHING PARTS		
275	MS24693C50		. SCREW (TRUE PN MS24693-C50)		3
			* * *		
280	9341356-1		. PLATE, BOTTOM CLOSEOUT		1
			ATTACHING PARTS		
285	MS24693C47		. SCREW (TRUE PN MS24693-C47)		6
			* * *		
290	9341315-1		. BRACKET ANGLE, CLOSEOUT		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8			ATTACHING PARTS		
295	MS24693C47		. SCREW (TRUE PN MS24693-C47)  * * *		3
300	9341315-2		. BRACKET ANGLE, CLOSEOUT  ATTACHING PARTS		1
305	MS24693C47		. SCREW (TRUE PN MS24693-C47)  * * *		3
- 310	9341116-3		. SEAL (BONDED) SUPSD BY ITEM -310A	A	1
- 310A	9341116-11		. P-SEAL (BONDED) SUPSDS ITEM -310		1
- 310B	9341116-3		. SEAL (BONDED) PRE SB 9341116-25-01	A	1
310C	9341116-11		. P-SEAL (BONDED) ADDED POST SB 9341116-25-01	A	1
315	9341116-5		. SEAL (BONDED)		1
- 320	9341116-7		. SEAL (BONDED) SUPSD BY ITEM -320A	A	1
- 320A	9341116-13		. P-SEAL (BONDED) SUPSDS ITEM -320		1
- 320B	9341116-7		. SEAL (BONDED) PRE SB 9341116-25-01	A	1
320C	9341116-13		. P-SEAL (BONDED) ADDED POST SB 9341116-25-01	A	1

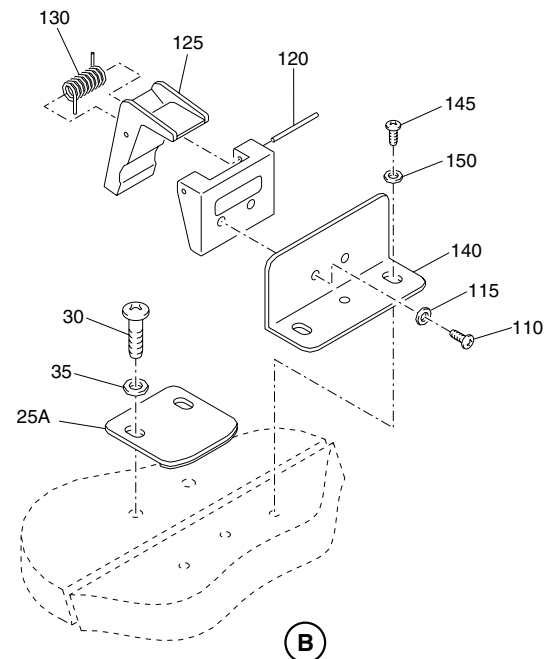
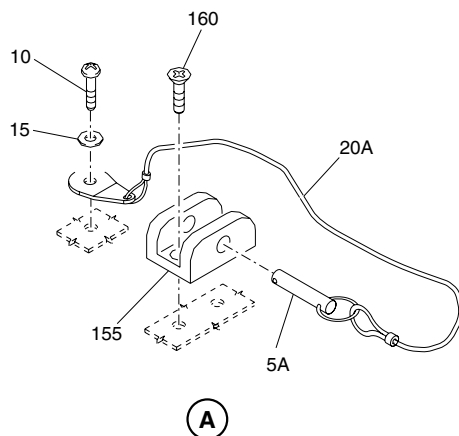
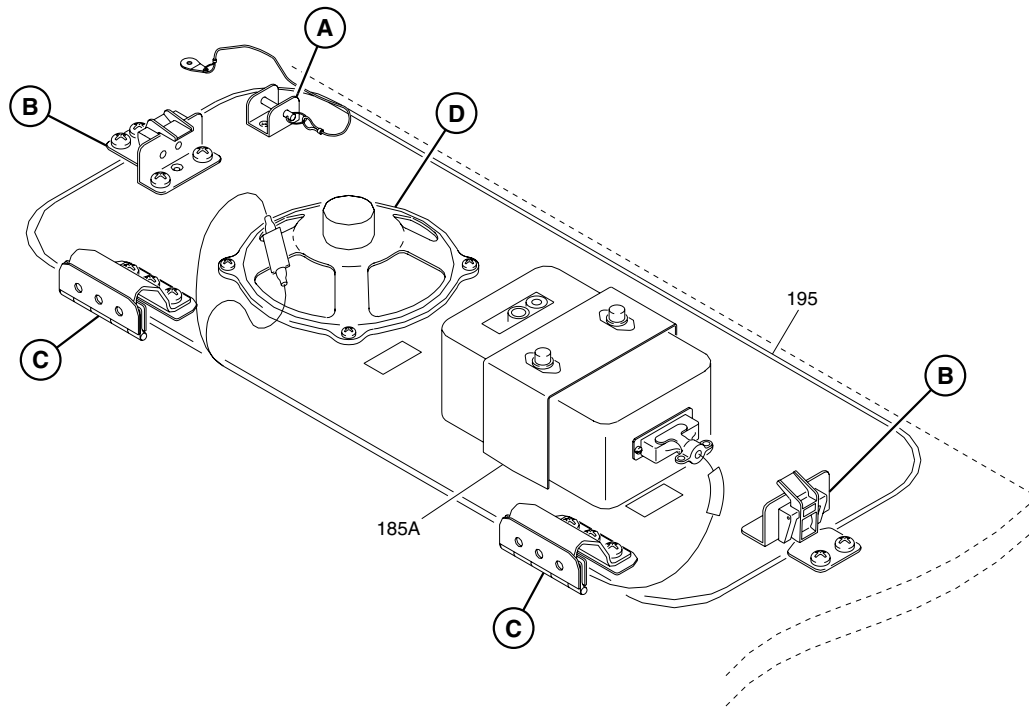
- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
8 – 325	9341116-9		. P-SEAL (BONDED) (MOVED TO ITEM -100A)		D
– 325A	9341116-9		. P-SEAL (BONDED) (MOVED TO ITEM 100C)	A	D
– 330	9341116-11		. P-SEAL (BONDED) (MOVED TO ITEM 310C)	A	D
– 330A	9341116-11		. P-SEAL (BONDED) (MOVED TO ITEM -310A)		D
– 335	9341116-13		. P-SEAL (BONDED) (MOVED TO ITEM 320C)	A	D
– 335A	9341116-13		. P-SEAL (BONDED) (MOVED TO ITEM -320A)		D
– 340	CDPL604-1		. PLACARD, SB INCORPORATION (BONDED) (TRUE PN CDPL604-1-9341116-25-01) ADDED POST SB 9341116-25-01	A	1
– 345	CDPL604-1-93411		. PLACARD, SB INCORPORATION (BONDED) (TRUE PN CDPL604-1-9341116-25-02) ADDED POST SB 9341116-25-02	A	1

– ITEM NOT ILLUSTRATED

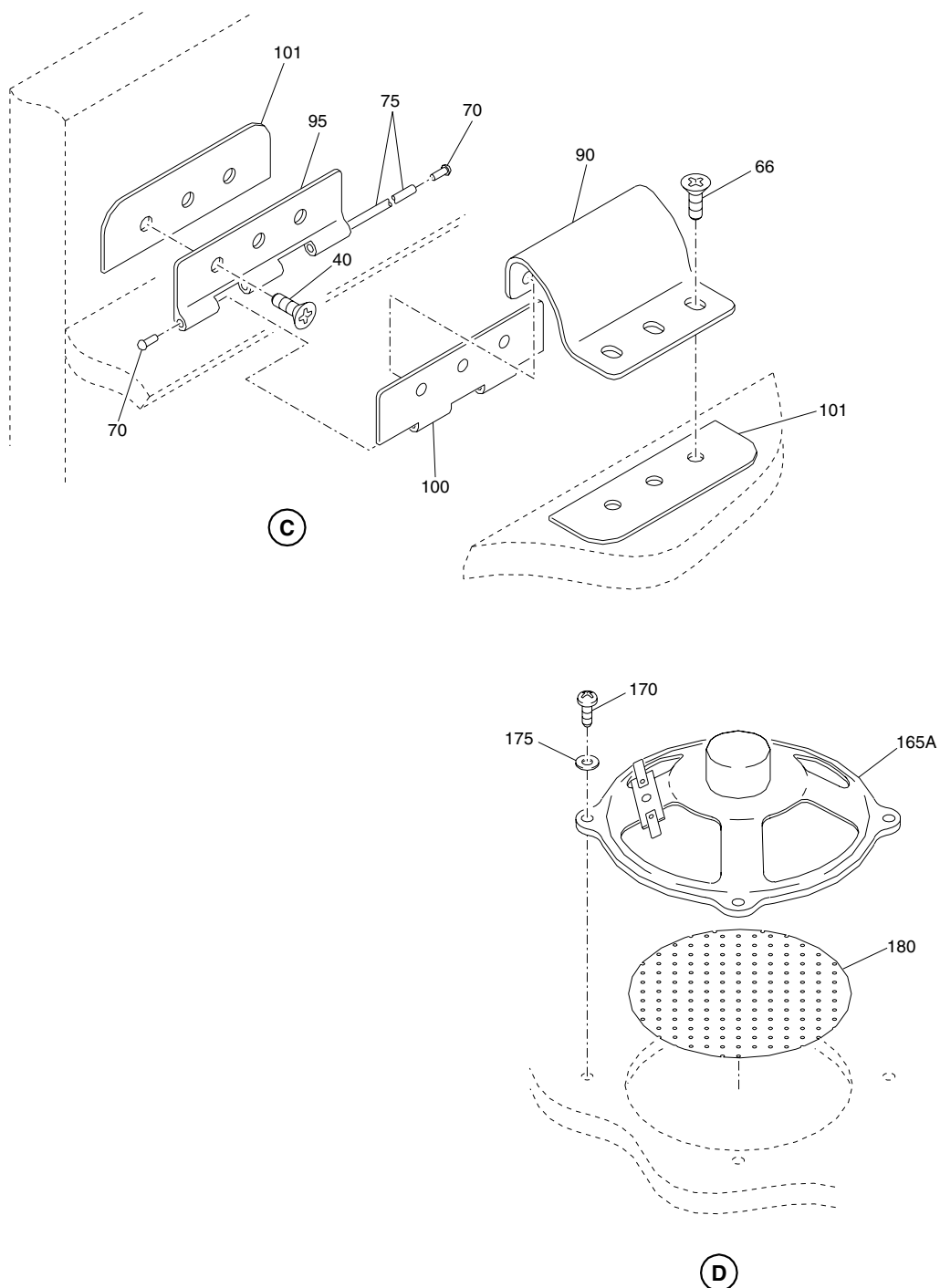
COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Drop Ceiling Installation  
(Sheet 1 of 2)  
Figure 9/GRAPHIC 25-40-53-99b-013-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Drop Ceiling Installation  
(Sheet 2 of 2)  
Figure 9/GRAPHIC 25-40-53-99b-013-A01

# 25-40-53

Page 10221  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
9	– 1 9342132-501		CEILING INSTL, DROP SEE FIG. 1 FOR NHA		RF
	– 5 98404A010		. PIN, QUICK-RELEASE (V3A054) SUPSD BY ITEM 5A		1
	5A C3-10R303		. PIN, QUICK-RELEASE (V09332) SUPSDS ITEM -5  ATTACHING PARTS		1
	10 MS35207-262		. SCREW		1
	15 NAS1149F0332P		. WASHER  * * *		1
	– 20 90312A640		. LANYARD (V3A054) SUPSD BY ITEM 20A		1
	20A LT1504C6-8B		. LANYARD (V84256) (TRUE PN LT1504-C6-8B) SUPSDS ITEM -20		1
	– 25 9341362-1		. RETAINER (BONDED) SUPSD BY ITEM 25A		2
	25A 9341362-501		. RETAINER ASSY (BONDED) SUPSDS ITEM -25  ATTACHING PARTS		2
	30 MS35207-262		. SCREW		4
	35 NAS1149F0332P		. WASHER  * * *		4
	40 NAS514P1032-7		. SCREW		6
	– 45 9341368-9		. DELETED		D
	– 46 NAS601-7P		. DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
9 – 50	9341218-501		. CEILING ASSY, DROP (RF TABLE 2 FOR TRIM AND FINISH)		1
– 55	NAS514P1032-6		.. SCREW (MOVED TO ITEM 66)		D
– 60	9341368-9		.. BACKPLATE (MOVED TO ITEM 101)		D
– 65	9177105-503		.. HINGE ASSY		2
			ATTACHING PARTS		
66	NAS514P1032-6		.. SCREW		6
			* * *		
70	MS21318-13		... SCREW, DRIVE		2
75	MS20253-2-218		... PIN		1
– 80	MS20426AD4-4		... RIVET		3
90	9177070-7		... BRACKET		1
95	9177105-5		... HALF-HINGE		1
100	9177105-7		... HALF-HINGE		1
101	9341368-9		.. BACKPLATE (BONDED)		4
– 105	9158109-501		.. LATCH ASSY, SPRING		2
			ATTACHING PARTS		
110	MS35206-213		.. SCREW		4
115	NAS1149FN432P		.. WASHER		4
			* * *		
120	MS9486-19		... PIN		1
125	9158109-1		... LATCH, SPRING		1
130	DST3881		... SPRING (V38LM1)		1
– 135	9158109-601		... LATCH ASSY, SPRING		1
– 137	9158109-3		.... LATCH		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
9 – 138	6035-04BR135		... DELETED		D
140	9341316-5		.. HOLDER, LATCH ATTACHING PARTS		2
145	NAS603-6		.. SCREW		4
150	NAS1149F0332P		.. WASHER ***		4
155	9014084-3		.. BRACKET ATTACHING PARTS		1
160	NAS514P832-5		.. SCREW ***		2
– 165	SCD130-14-1		.. SPEAKER (V30242) SUPSD BY ITEM 165A		1
165A	SCD130-14-1BFE		.. SPEAKER (V30242) (TRUE PN SCD130-14-1-BFE) SUPSDS ITEM -165 ATTACHING PARTS		1
170	MS35206-244		.. SCREW		4
175	NAS1149FN816P		.. WASHER ***		4
180	9341365-1		.. GRILL, SPEAKER (BONDED)		1
– 185	446253-4		.. DETECTOR, SMOKE (V61423) (SEE CMM 26-10-02 FOR DET) SUPSD BY ITEM 185A		1
185A	474560-46		.. DETECTOR, SMOKE (V61423) (SEE CMM 26-10-82 FOR DET) SUPSDS ITEM -185		1
– 188	NAS43DD1-12FC		.. SPACER		2

– ITEM NOT ILLUSTRATED

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A412001/K042702

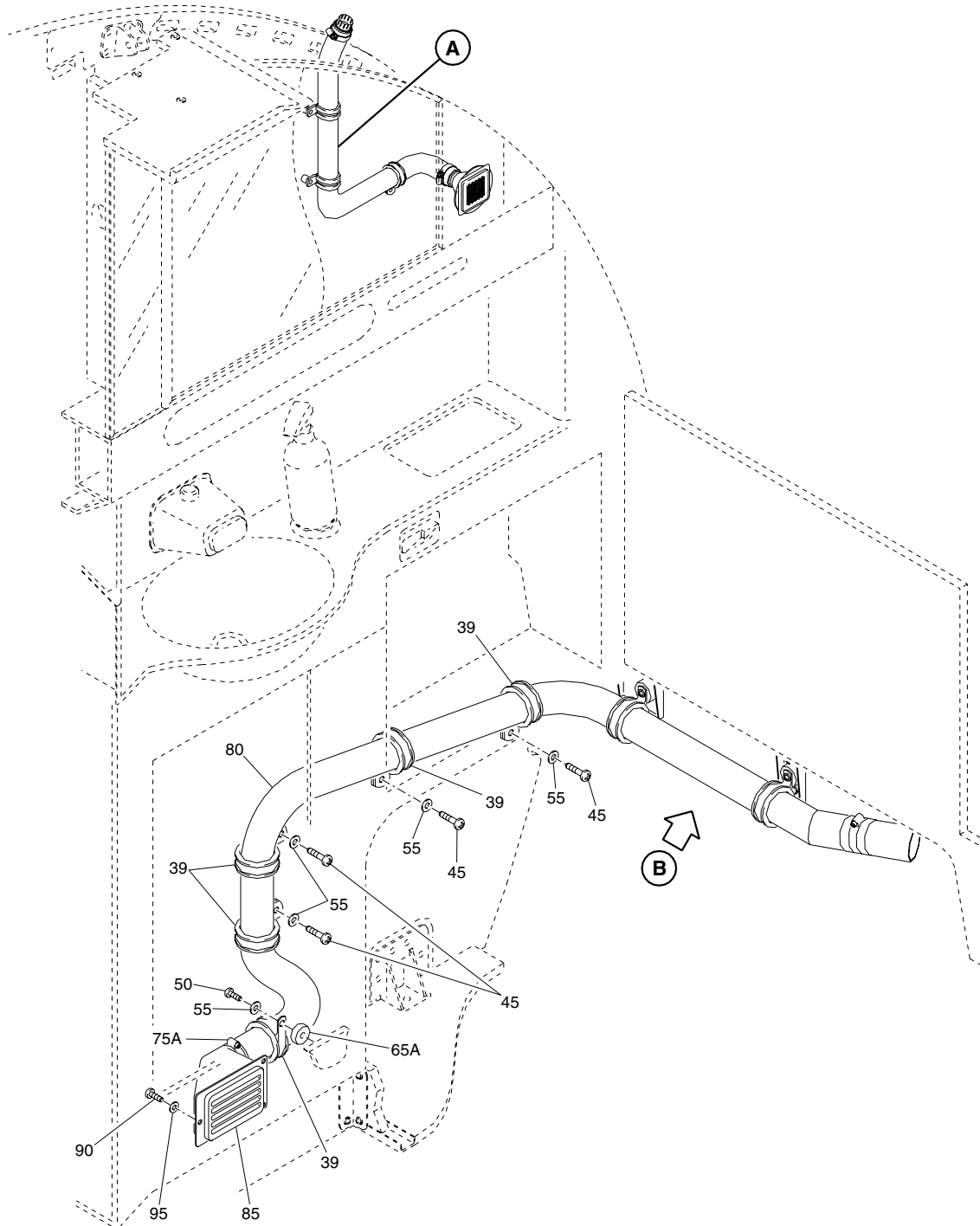
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
9 – 190	9341218-1		.. DECOR (BONDED)		AR
195	9341033-501		.. PANEL ASSY, DROP CEILING		1
– 200	CDSP5903-06-500		... DELETED		D
– 205	CDSP5905-08-13		... INSERT (BONDED)		6
– 210	CDSP5905-3-13		... INSERT (BONDED)		10
– 215	9341033-1		... PANEL		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



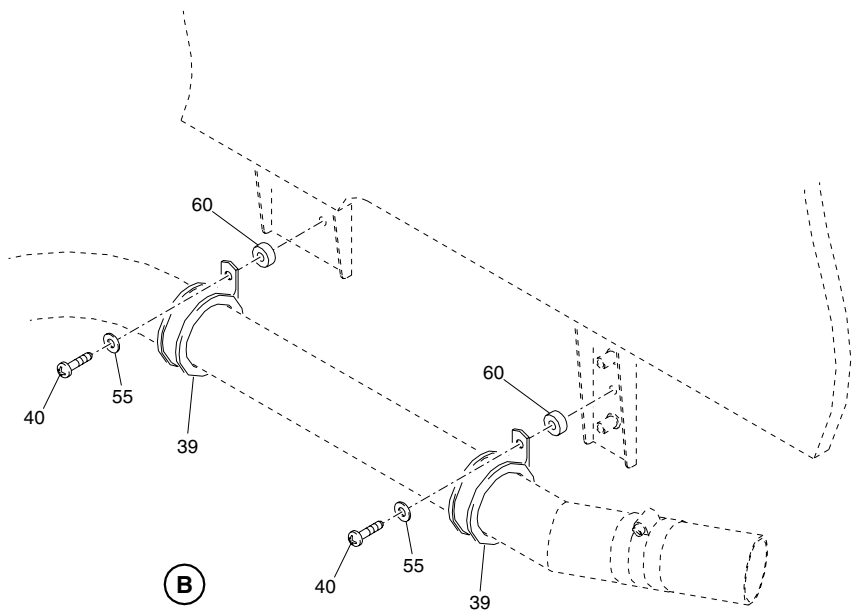
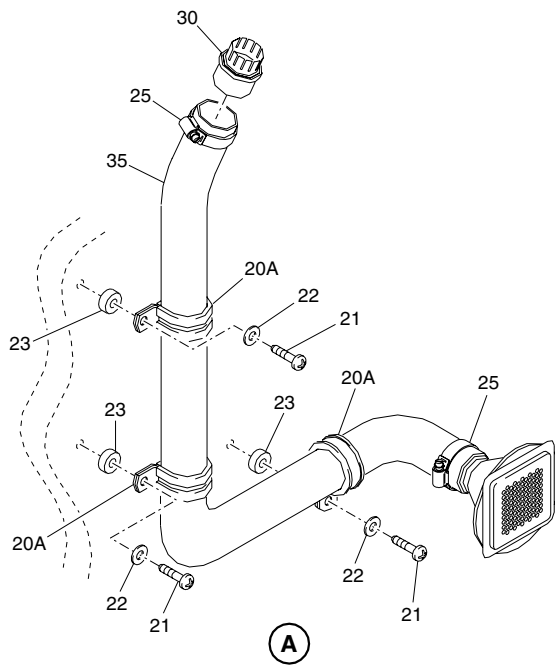
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Air Duct Installation  
(Sheet 1 of 2)  
Figure 10/GRAPHIC 25-40-53-99b-014-A01

**25-40-53**

Page 10228  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Air Duct Installation  
(Sheet 2 of 2)  
Figure 10/GRAPHIC 25-40-53-99b-014-A01

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10	– 1	A412010-501	AIR DUCT INSTL SEE FIG. 1 FOR NHA		RF
	– 5	NAS603-10P	. SCREW (MOVED TO ITEM 21)		D
	– 10	NAS1149F0332P	. WASHER (MOVED TO ITEM 22)		D
	– 15	CDSP5503-025	. SPACER (MOVED TO ITEM 23)		D
	– 20	MS21919WCG17	. CLAMP, LOOP (TRUE PN MS21919WCG-17) SUPSD BY ITEM 20A		3
	20A	MS21919WCG18	. CLAMP, LOOP (TRUE PN MS21919WCG-18) SUPSDS ITEM -20  ATTACHING PARTS		3
	21	NAS603-10P	. SCREW		3
	22	NAS1149F0332P	. WASHER  * * *		3
	23	CDSP5503-025	. SPACER		3
	25	NAS1922-0100-3	. CLAMP, HOSE		2
	30	3804-1	. DISCONNECT, FEMALE (V59579)		1
	35	IT207-8-104-4	. HOSE, FLEXIBLE (V26831) (TRUE PN IT-207-8-104-4)		1
	39	MS21919WCG33	. CLAMP, LOOP  ATTACHING PARTS		7
	40	MS51958-67B	. SCREW		2
	45	NAS603-6P	. SCREW		4
	50	NAS603-12P	. SCREW		1

– ITEM NOT ILLUSTRATED

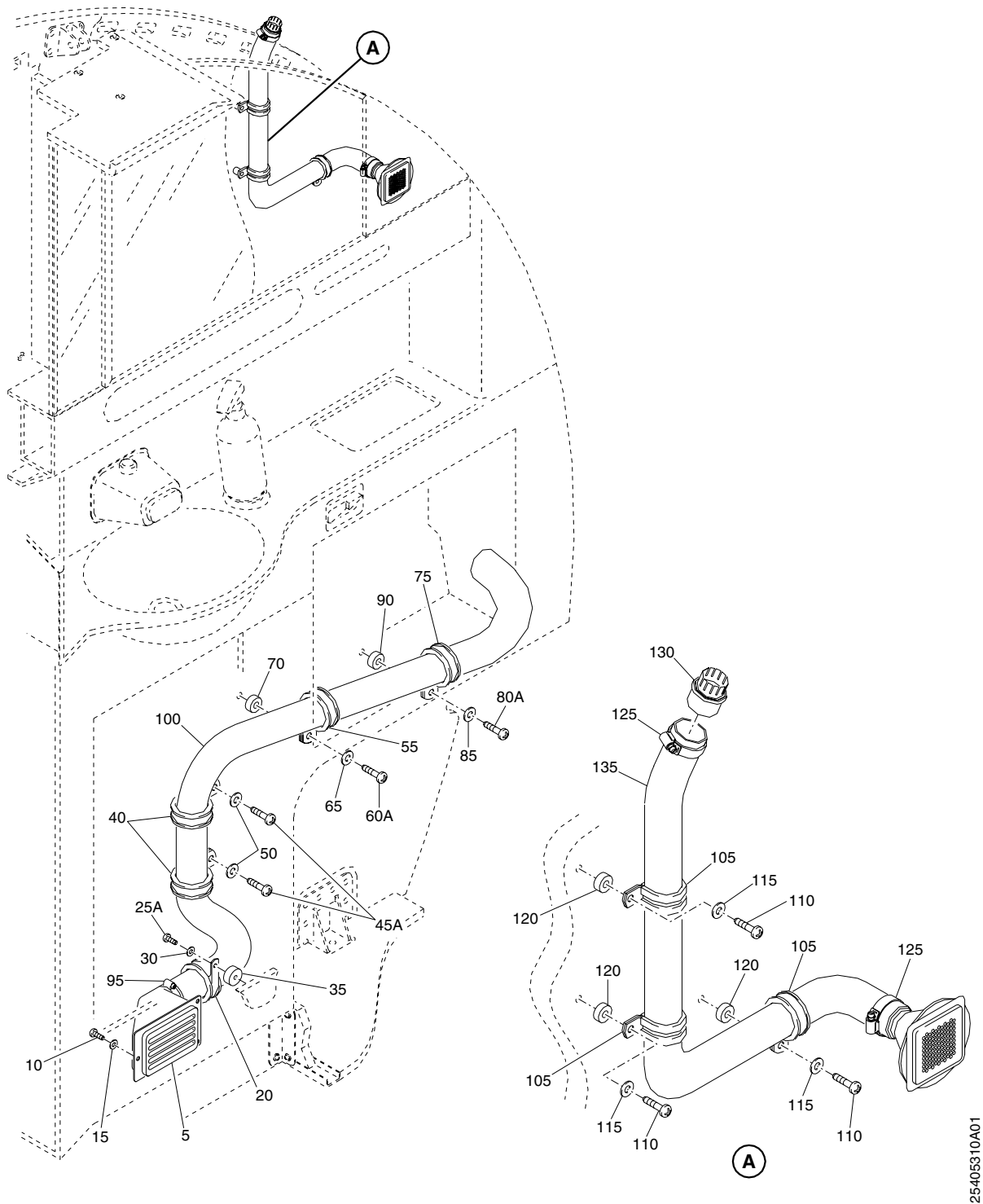
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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10 55	NAS1149F0332P		. WASHER  * * *		7
60	CDSP5503-043		. SPACER		2
- 65	CDSP5503-039		. SPACER SUPSD BY ITEM 65A		1
65A	CDSP5501-039		. SPACER SUPSDS ITEM -65		1
- 70	MS21919WCG33		. CLAMP, LOOP (MOVED TO ITEM 39)		D
- 75	NAS51922-0200-3		. CLAMP, HOSE SUPSD BY ITEM 75A		1
75A	NAS1922-0200-3		. CLAMP, HOSE SUPSDS ITEM -75		1
80	IT207-16-280-4		. HOSE, FLEXIBLE (V26831) (TRUE PN IT-207-16-280-4)		1
85	9341408-501		. GRILL ASSY, AIR  ATTACHING PARTS		1
90	NAS602-6P		. SCREW		3
95	NAS1149FN816P		. WASHER  * * *		3

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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Air Duct Installation  
Figure 10A/GRAPHIC 25-40-53-99b-015-A01

**25-40-53**

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10A – 1	A411010-501		AIR DUCT INSTL SEE FIG. 1 FOR NHA		RF
5	9341408-501		. GRILL ASSY, AIR  ATTACHING PARTS		1
10	NAS602-6P		. SCREW		3
15	NAS1149FN816P		. WASHER  * * *		3
20	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		1
– 25	NAS603-12P		. SCREW SUPSD BY ITEM 25A		1
25A	NAS603-11P		. SCREW SUPSDS ITEM -25		1
30	NAS1149F0332P		. WASHER  * * *		1
35	CDSP5501-039		. SPACER		1
40	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		2
– 45	NAS603-6P		. SCREW SUPSD BY ITEM 45A		2
45A	NAS603-5P		. SCREW SUPSDS ITEM -45		2
50	NAS1149F0332P		. WASHER  * * *		2
55	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10A			ATTACHING PARTS		
– 60	NAS623-3-38		. SCREW SUPSD BY ITEM 60A		1
60A	NAS623-3-36		. SCREW SUPSDS ITEM -60		1
65	NAS1149F0332P		. WASHER  * * *		1
70	CDSP5503-228		. SPACER		1
75	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)		1
			ATTACHING PARTS		
– 80	NAS623-3-50		. SCREW SUPSD BY ITEM 80A		1
80A	NAS623-3-48		. SCREW SUPSDS ITEM -80		1
85	NAS1149F0332P		. WASHER  * * *		1
90	CDSP5503-300		. SPACER		1
95	NAS1922-0200-3		. CLAMP, HOSE		1
100	IT207-16-216-4		. HOSE, FLEXIBLE (V26831) (TRUE PN IT-207-16-216-4)		1
105	MS21919WCG18		. CLAMP, LOOP (TRUE PN MS21919WCG-18)		3
			ATTACHING PARTS		
110	NAS603-10P		. SCREW		3
115	NAS1149F0332P		. WASHER  * * *		3
120	CDSP5503-025		. SPACER		3
125	NAS1922-0100-3		. CLAMP, HOSE		2

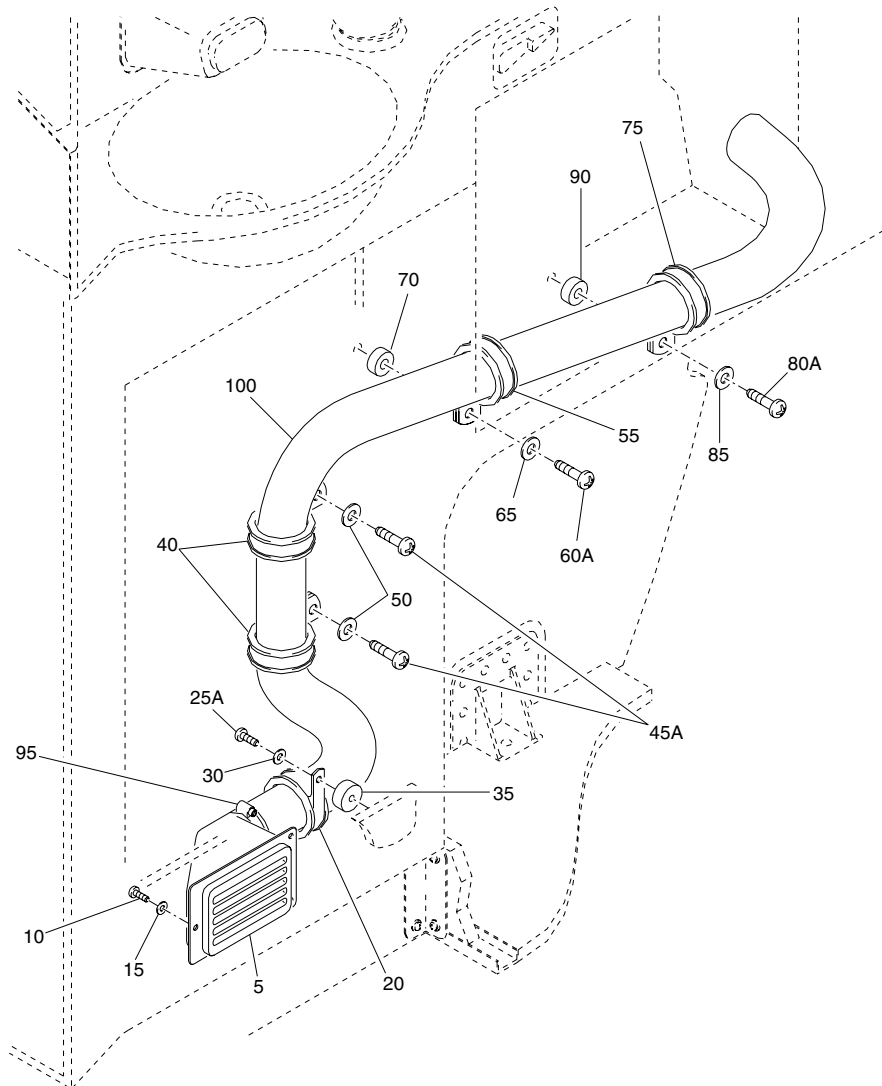
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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10A 130	3804-1		. DISCONNECT, FEMALE (V59579)		1
135	IT207-8-104-4		. HOSE, FLEXIBLE (V26831) (TRUE PN IT-207-8-104-4)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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Air Duct Installation  
Figure 10B/GRAPHIC 25-40-53-99b-016-A01

**25-40-53**

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10B – 1	A411020-501		AIR DUCT INSTL SEE FIG. 1 FOR NHA		RF
5	9341408-501		. GRILL ASSY, AIR  ATTACHING PARTS		1
10	NAS602-6P		. SCREW		3
15	NAS1149FN816P		. WASHER  * * *		3
20	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		1
– 25	NAS603-12P		. SCREW SUPSD BY ITEM 25A		1
25A	NAS603-11P		. SCREW SUPSDS ITEM -25		1
30	NAS1149F0332P		. WASHER  * * *		1
35	CDSP5501-039		. SPACER		1
40	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		2
– 45	NAS603-6P		. SCREW SUPSD BY ITEM 45A		2
45A	NAS603-5P		. SCREW SUPSDS ITEM -45		2
50	NAS1149F0332P		. WASHER  * * *		2
55	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

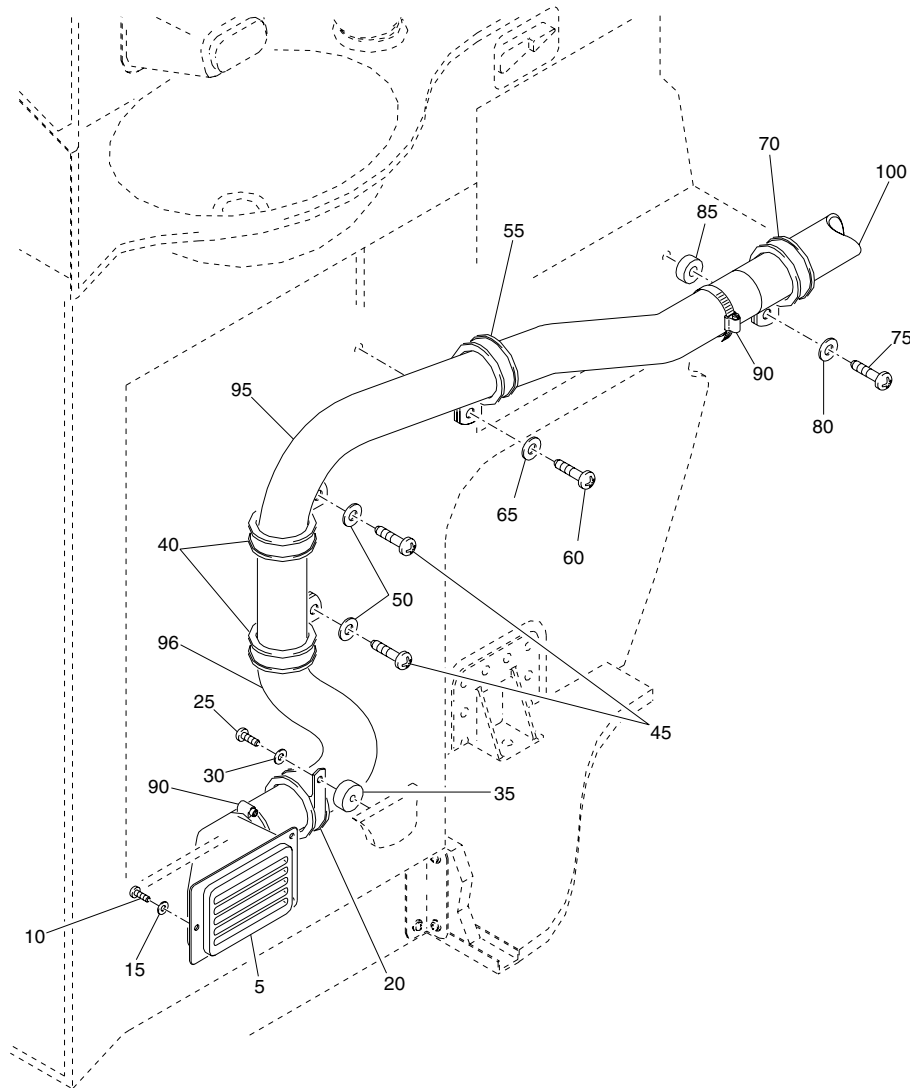
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10B			ATTACHING PARTS		
– 60	NAS623-3-38		. SCREW SUPSD BY ITEM 60A		1
60A	NAS623-3-36		. SCREW SUPSDS ITEM -60		1
65	NAS1149F0332P		. WASHER  * * *		1
70	CDSP5503-228		. SPACER		1
75	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)		1
			ATTACHING PARTS		
– 80	NAS623-3-50		. SCREW SUPSD BY ITEM 80A		1
80A	NAS623-3-48		. SCREW SUPSDS ITEM -80		1
85	NAS1149F0332P		. WASHER  * * *		1
90	CDSP5503-300		. SPACER		1
95	NAS1922-0200-3		. CLAMP, HOSE		1
100	IT207-16-216-4		. HOSE, FLEXIBLE (V26831) (TRUE PN IT-207-16-216-4)		1
– 105	NAS1922-0200-3		. DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



25405310C01

Air Duct Installation  
Figure 10C/GRAPHIC 25-40-53-99b-017-A01

**25-40-53**

Page 10242  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10C – 1	9341010-511		AIR DUCT INSTL SEE FIG. 1 FOR NHA		RF
5	9341408-501		. GRILL ASSY, AIR  ATTACHING PARTS		1
10	NAS602-6P		. SCREW		3
15	NAS1149FN816P		. WASHER  * * *		3
20	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		1
25	NAS603-12P		. SCREW		1
30	NAS1149F0332P		. WASHER  * * *		1
35	CDSP5501-039		. SPACER		1
40	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		2
45	MS35207-261		. SCREW		2
50	NAS1149F0332P		. WASHER  * * *		2
55	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)  ATTACHING PARTS		1
60	MS35207-261		. SCREW		1
65	NAS1149F0332P		. WASHER  * * *		1
70	MS21919WCG33		. CLAMP, LOOP (TRUE PN MS21919WCG-33)		1

– ITEM NOT ILLUSTRATED

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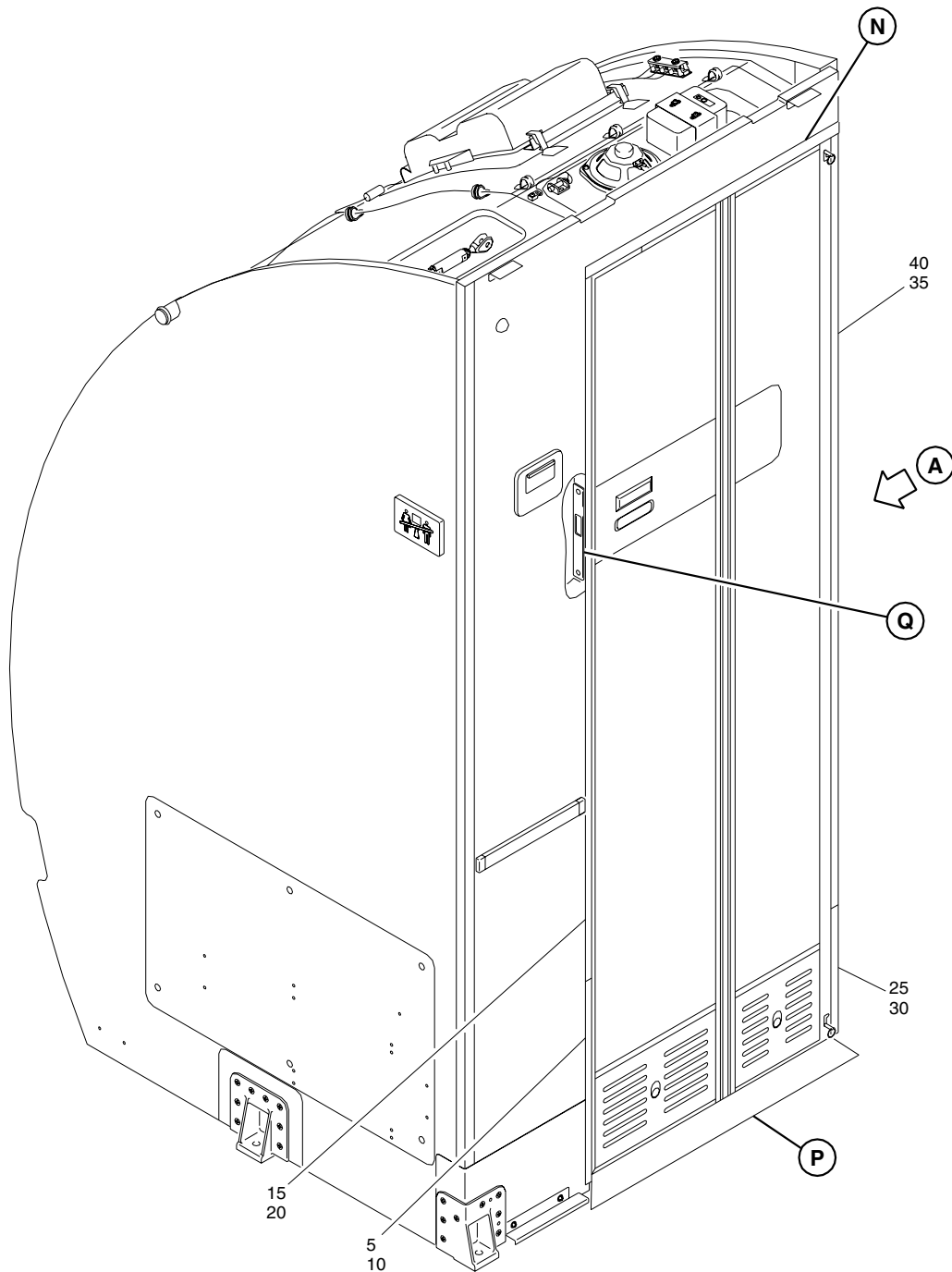
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
10C			ATTACHING PARTS		
75	MS35207-266		. SCREW		1
80	NAS1149F0332P		. WASHER		1
			* * *		
85	CDSP5503-043		. SPACER		1
90	NAS1922-0200-3		. CLAMP, HOSE		2
95	IT207-16-164-8		. HOSE, FLEXIBLE (V26831) (TRUE PN IT-207-16-164-8)		1
96	IT207-8-60-4		. HOSE (V26831) (TRUE PN IT-207-8-60-4)		1
100	9341010-1		. TUBE		1

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A412001/K042702

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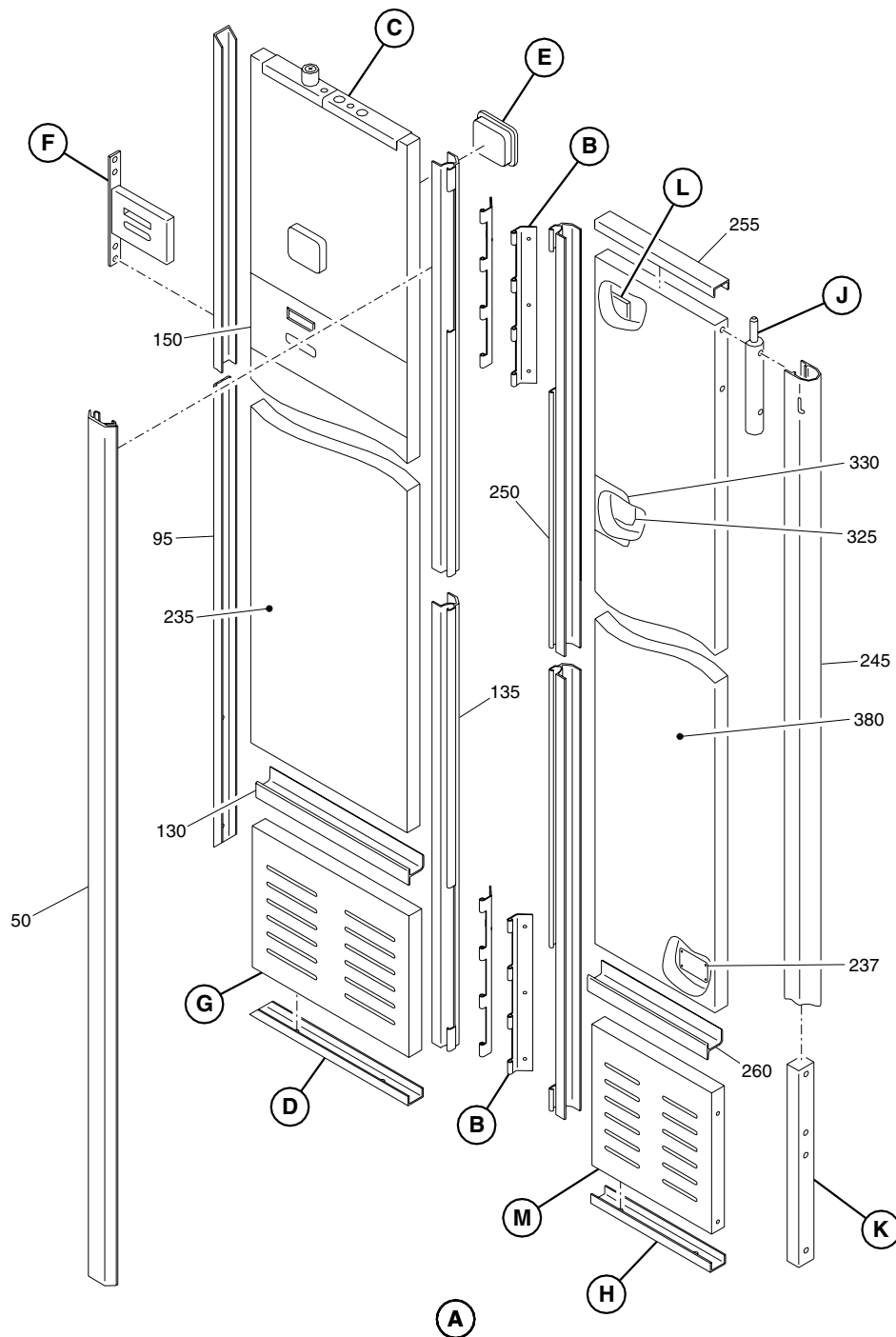
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Entry Door Installation  
(Sheet 1 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

**25-40-53**

Page 10246  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



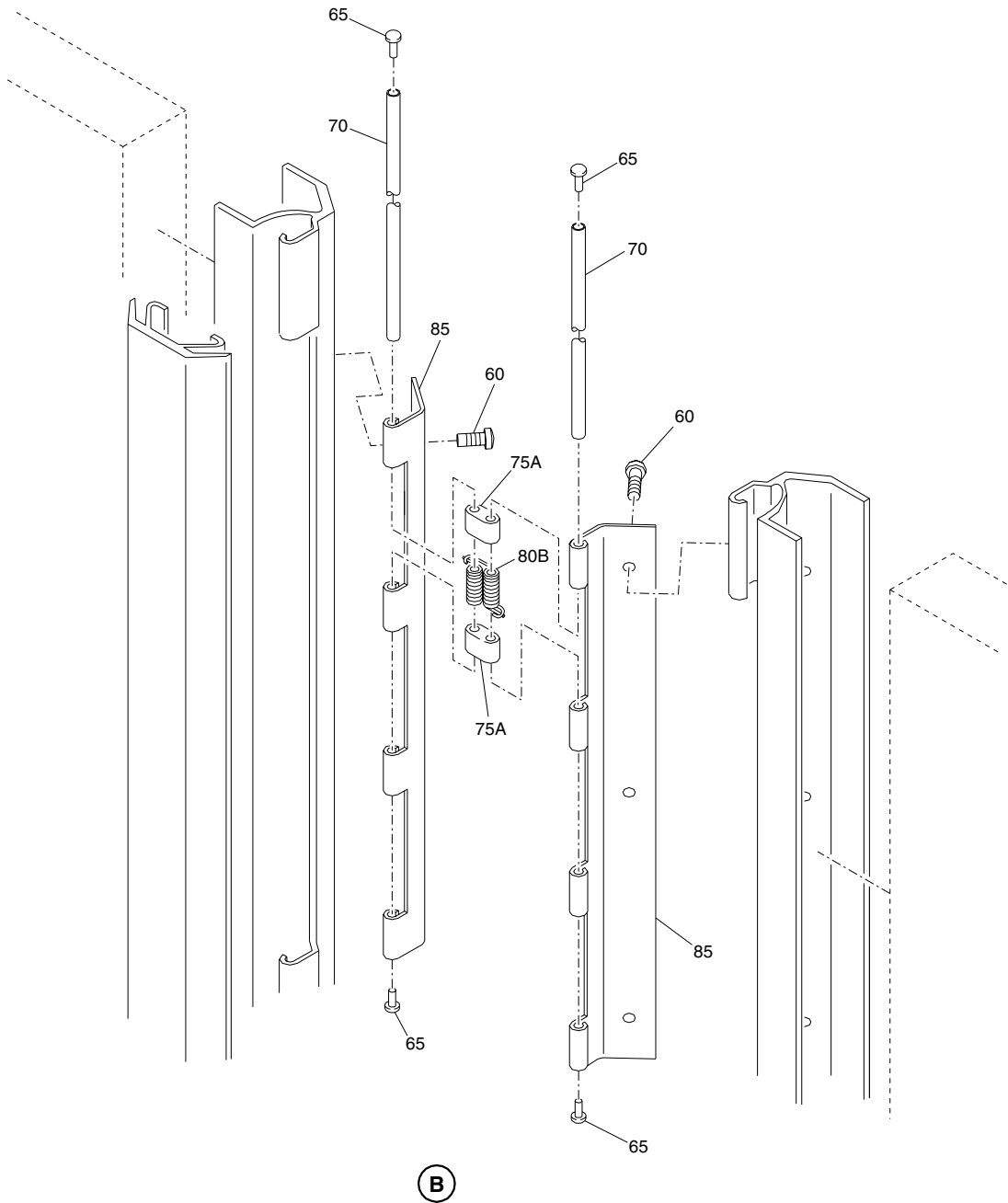
2540531102

Entry Door Installation  
(Sheet 2 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

# 25-40-53

Page 10247  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



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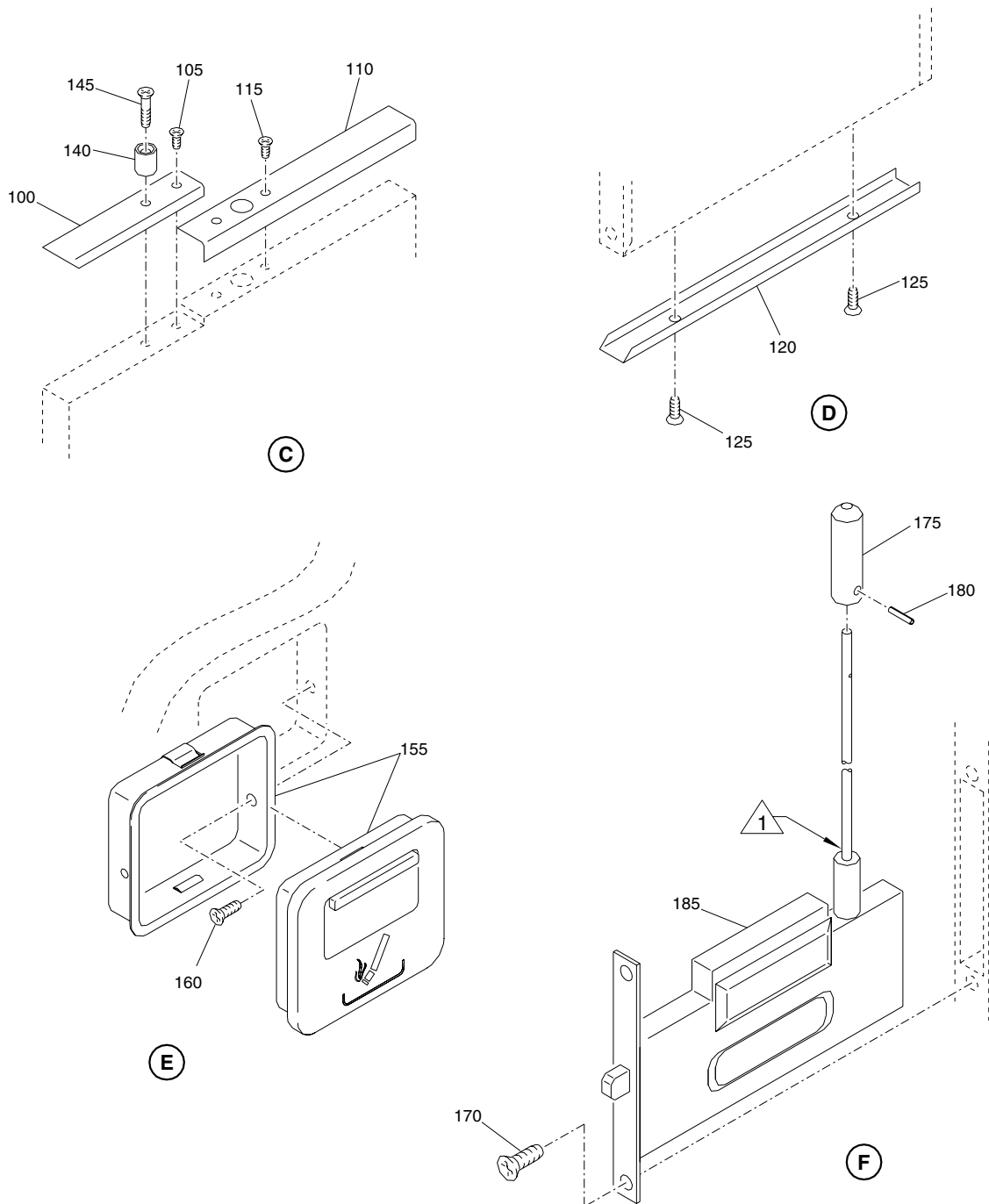
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Entry Door Installation  
(Sheet 3 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

**25-40-53**

Page 10248  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

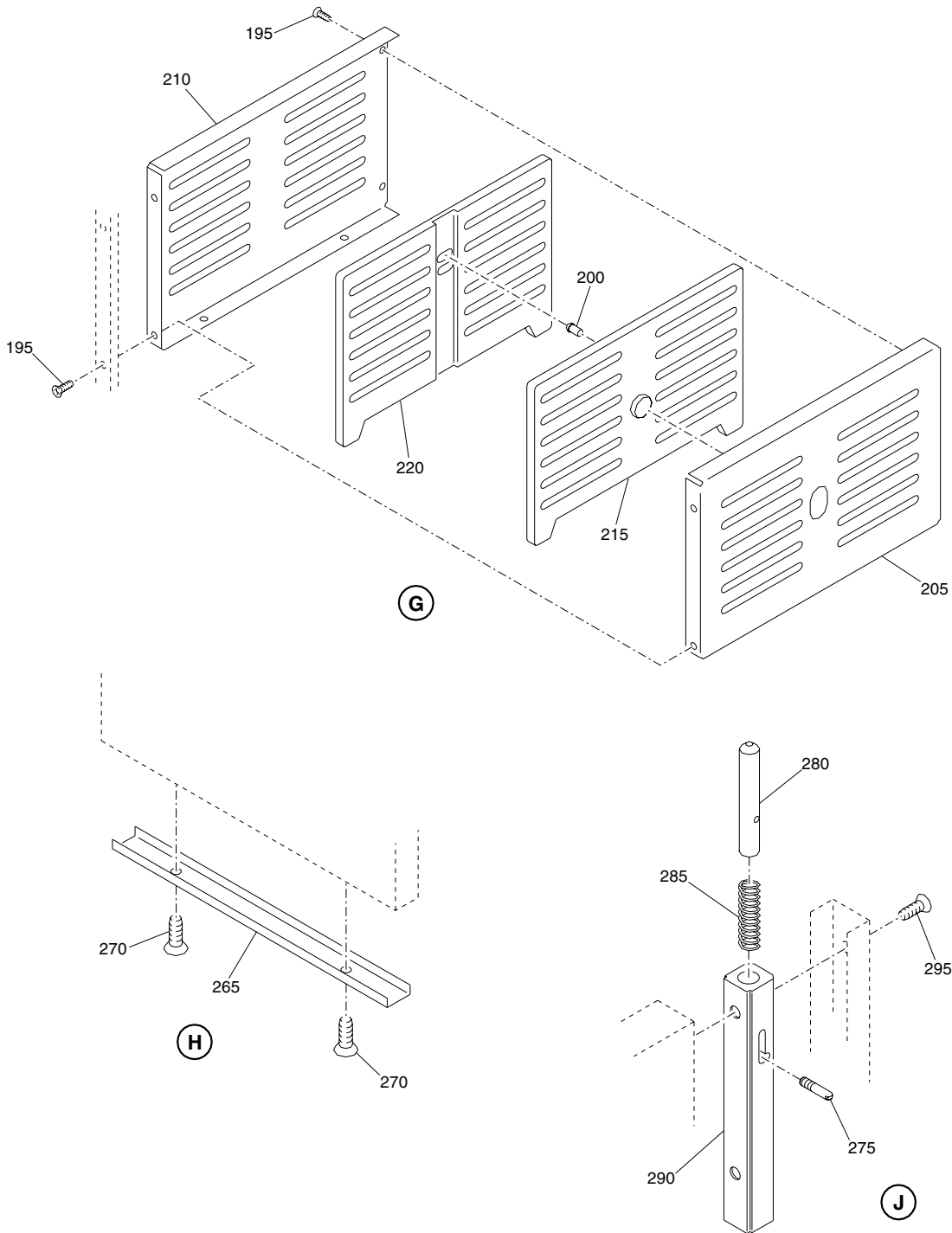


 APPLY LOCTITE 243 (BLUE) MEDIUM THREADLOCKER.

Entry Door Installation  
(Sheet 4 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

2540531104

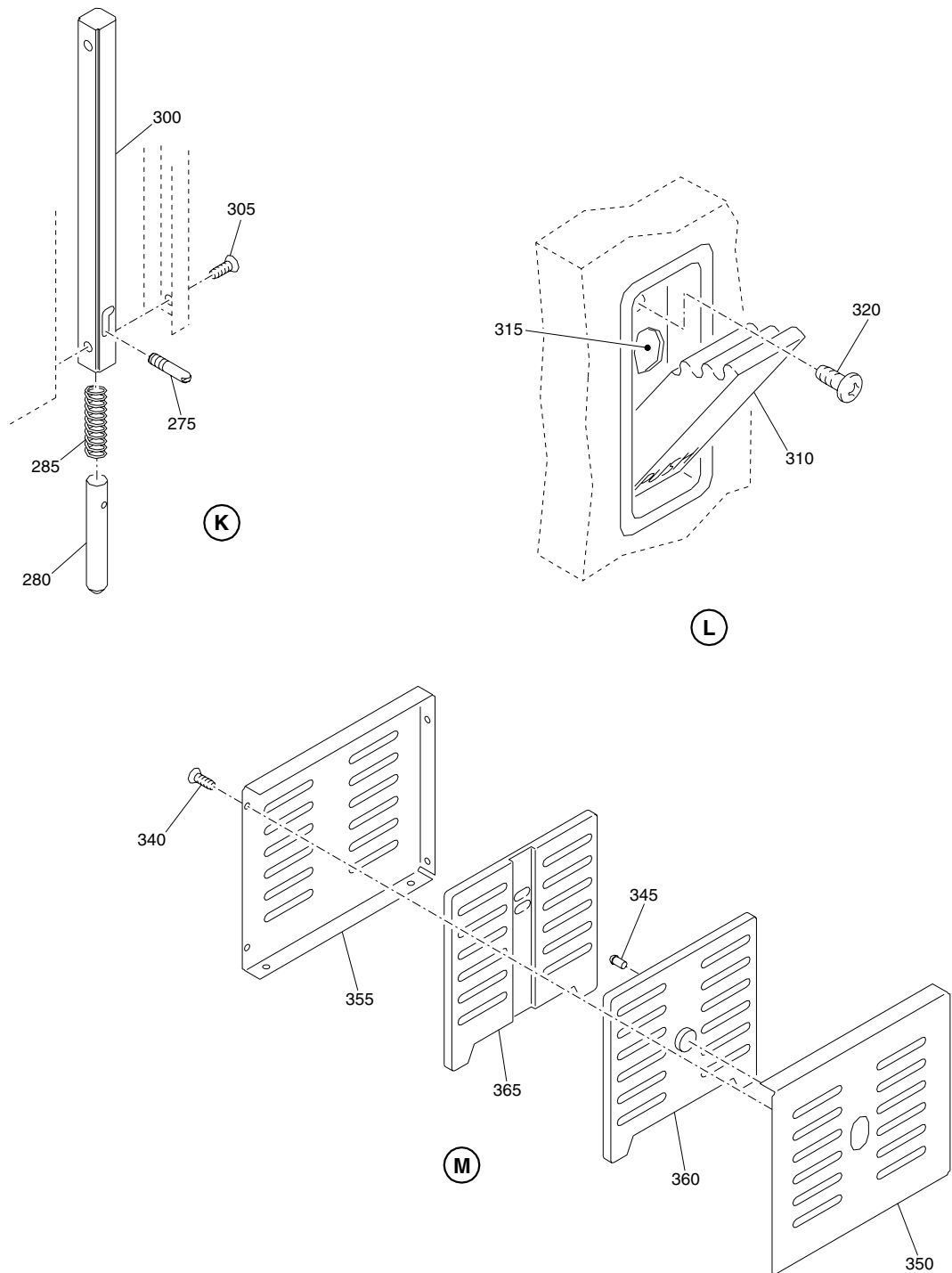
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A412001/K042702



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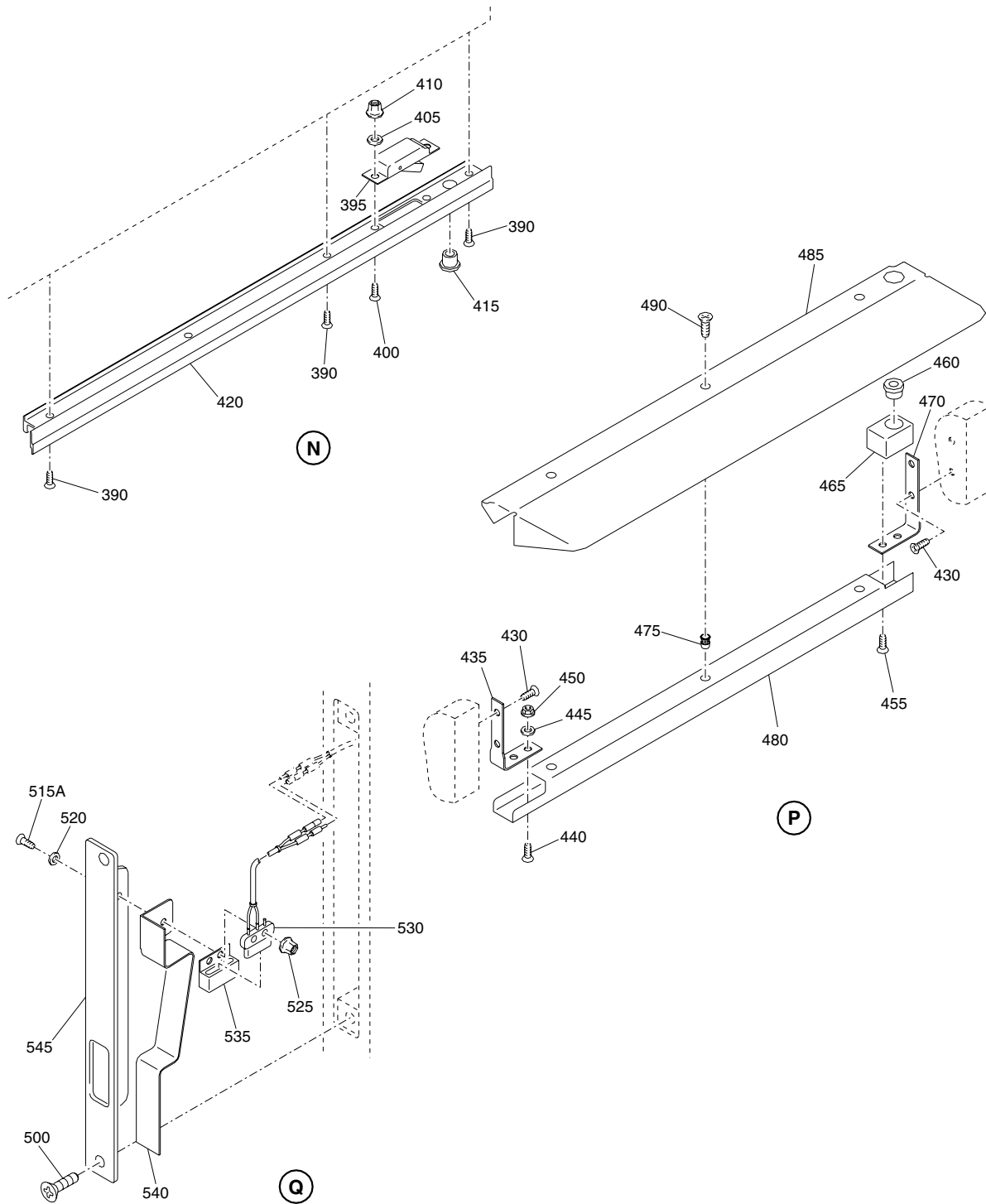
Entry Door Installation  
(Sheet 5 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Entry Door Installation  
(Sheet 6 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Entry Door Installation  
(Sheet 7 of 7)  
Figure 11/GRAPHIC 25-40-53-99b-018-A01

2540531107

**25-40-53**

Page 10252  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11	– 1	9342131-503	DOOR INSTL, ENTRY SEE FIG. 1 FOR NHA	A	RF
	– 1A	9342131-505	DOOR INSTL, ENTRY SEE FIG. 1 FOR NHA	B	RF
	– 1B	9342131-507	DOOR INSTL, ENTRY SEE FIG. 1 FOR NHA	C	RF
	– 1C	9342131-511	DOOR INSTL, ENTRY SEE FIG. 1 FOR NHA	D	RF
	5	9341327-1	. TRIM, DOOR WAY		1
	– 5A	9341327-501	. DELETED		D
			ATTACHING PARTS		
	10	NAS514P832-7	. SCREW		2
			* * *		
	15	9341327-3	. TRIM, DOOR WAY		1
	– 15A	9341327-503	. DELETED		D
			ATTACHING PARTS		
	20	NAS514P832-7	. SCREW		6
			* * *		
	25	9341328-501	. TRIM ASSY, DOOR WAY (RF TABLE 2 FOR TRIM AND FINISH)	A,C,D	1
	– 25A	9341328-505	. TRIM ASSY, DOOR WAY (RF TABLE 2 FOR TRIM AND FINISH)	B	1
	– 27	9341328-505	. TRIM ASSY, DOOR WAY (RF TABLE 2 FOR TRIM AND FINISH) (MOVED TO ITEM -25A)	B	D
			ATTACHING PARTS		
	30	NAS514P832-14	. SCREW		2
			* * *		
	35	9341328-503	. TRIM ASSY, DOOR WAY		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11			ATTACHING PARTS		
40	NAS514P832-14		. SCREW * * *		6
– 45	9341231-501		. DOOR ASSY, BI-FOLD REWORKED BY SB 9341231-25-04	A-C	1
– 45A	9341231-509		. DOOR ASSY, BI-FOLD	D	1
50	9341310-5		.. TRIM, JOINT		1
– 55	9341238-501		.. HINGE ASSY		2
			ATTACHING PARTS		
60	NAS514P832-7		.. SCREW * * *		12
65	MS21318-14		... SCREW, DRIVE		4
70	MS20253-2-610		... PIN		2
– 75	9178052-3		... LINKAGE SUPSD BY ITEM 75A		6
75A	9341266-1		... LINKAGE SUPSDS ITEM -75		6
– 80	7312230-1		... SPRING SUPSD BY ITEM -80A		6
– 80A	9341240-1		... SPRING SUPSD BY ITEM 80B SUPSDS ITEM -80		6
80B	9341240-3		... SPRING SUPSDS ITEM -80A		6
85	9341238-1		... HALF-HINGE		2
– 90	9341232-501		.. DOOR ASSY, LATCH SIDE	A-C	1
– 90A	9341232-509		.. DOOR ASSY, LATCH SIDE	D	1
95	9341311-1		... TRIM (BONDED)		1
100	9341311-3		... TRIM (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11			ATTACHING PARTS		
105	NAS514P832-6		... SCREW * * *		1
110	9341311-5		... TRIM (BONDED) ATTACHING PARTS		1
115	NAS514P832-6		... SCREW * * *		2
120	9341311-7		... TRIM ATTACHING PARTS		1
125	NAS514P832-8		... SCREW * * *		2
130	9341311-9		... TRIM (BONDED)		1
135	9341310-501		... TRIM, JOINT (BONDED)		1
140	9341468-1		... SLIDER ATTACHING PARTS		1
145	NAS514P1032-14		... SCREW * * *		1
150	9341372-1		... PLATE (BONDED)		1
155	CDSP3900-1		... ASHTRAY ATTACHING PARTS		1
160	NAS514P632-6		... SCREW * * *		2
- 165	9341221-501		... LATCH ASSY		1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11			ATTACHING PARTS		
170	NAS514P832-6		... SCREW * * *		2
175	9341465-1		.... PIN, LOCK		1
180	MS16562-212		.... PIN, SPRING		1
185	9341221-1		.... LATCH (V80477) (MFD PN CDSP3304-1)		1
– 190	9341234-503		... VENT LOUVER ASSY	A-C	1
– 190A	9341234-507		... VENT LOUVER ASSY	D	1
			ATTACHING PARTS		
195	NAS514P832-8		... SCREW * * *		4
200	84835A11		.... PLUNGER, SPRING (V3A054)	A-C	1
205	9341375-503		.... FRAME ASSY, OUTER	A-C	1
– 205A	9341375-509		.... FRAME ASSY, OUTER	D	1
210	9341375-9		.... FRAME, INNER	A-C	1
– 210A	9341375-21		.... FRAME, INNER	D	1
215	9341462-3		.... LOUVER, OUTER (BONDED)	A-C	1
– 215A	9341462-15		.... LOUVER, OUTER (BONDED)	D	1
220	9341462-9		.... LOUVER, INNER	A-C	1
– 220A	9341462-19		.... LOUVER, INNER	D	1
– 225	9341232-1		... DECOR (BONDED)		AR
– 230	9341232-3		... DECOR (BONDED)		AR
235	9341051-501		... PANEL ASSY	A-C	1

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 – 235A	9341051-505		... PANEL ASSY	D	1
237	CD1054-1		.. PLACARD, ID (BONDED)		1
			ATTACHING PARTS		
– 238	AD32BS		.. RIVET		4
			* * *		
– 240	9341233-501		.. DOOR ASSY, PIVOT SIDE	A-C	1
– 240A	9341233-505		.. DOOR ASSY, PIVOT SIDE	D	1
245	9341312-3		... TRIM (BONDED)		1
250	9341310-503		... TRIM, JOINT (BONDED)		1
255	9341311-11		... TRIM (BONDED)		1
260	9341311-15		... TRIM (BONDED)		1
265	9341311-13		... TRIM (BONDED)		1
			ATTACHING PARTS		
270	NAS514P832-8		... SCREW		2
			* * *		
275	9341262-1		... PIN, SLIDE (BONDED)		2
280	9341261-1		... PIN, HINGE		2
285	C0300-030-1500S		... SPRING, COMPRESSION (V74197)		2
290	9341256-1		... RETAINER		1
			ATTACHING PARTS		
295	NAS517-2-3		... SCREW		2
			* * *		

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 300	9341256-3		... RETAINER ATTACHING PARTS		1
305	NAS517-2-3		... SCREW * * *		4
310	CDSP3800-1		... COAT HOOK ASSY		1
315	9341207-11		... RETAINER (BONDED) ATTACHING PARTS		1
320	MS35206-241		... SCREW * * *		1
325	9341372-3		... PLATE (BONDED)		1
330	A45009-3-2		... PULL HANDLE, FLUSH (V52607) (BONDED)		1
- 335	9341234-501		... VENT LOUVER ASSY	A-C	1
- 335A	9341234-509		... VENT LOUVER ASSY ATTACHING PARTS	D	1
340	NAS514P832-8		... SCREW * * *		2
345	84835A11		.... PLUNGER, SPRING (V3A054)	A-C	1
350	9341375-501		.... FRAME ASSY, OUTER	A-C	1
- 350A	9341375-507		.... FRAME ASSY, OUTER	D	1
355	9341375-7		.... FRAME, INNER	A-C	1
- 355A	9341375-19		.... FRAME, INNER	D	1
360	9341462-1		.... LOUVER, OUTER (BONDED)	A-C	1
- 360A	9341462-13		.... LOUVER, OUTER (BONDED)	D	1

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 365	9341462-7		... LOUVER, INNER	A-C	1
- 365A	9341462-17		... LOUVER, INNER	D	1
- 370	9341233-1		... DECOR (BONDED)		AR
- 375	9341233-3		... DECOR (BONDED)		AR
- 376	SJ5312		... BUMPON, COLOR (V04963) (BONDED)	A-C	1
380	9341052-501		... PANEL ASSY	A-C	1
- 380A	9341052-503		... PANEL ASSY	D	1
- 385	9341250-501		. RAIL ASSY		1
			ATTACHING PARTS		
390	NAS514P832-7		. SCREW		4
			* * *		
395	9341250-5		.. RETAINER ASSY, DETENTED (MFD PN CDSP1300-1)		1
			ATTACHING PARTS		
400	NAS514P832-6		.. SCREW		2
405	NAS1149DN816K		.. WASHER		2
410	MS21042L08		.. NUT		2
			* * *		
415	9341250-3		.. PIVOT, SUPPORT (BONDED)		1
420	9341250-1		.. RAIL		1
- 425	9341205-505		. THRESHOLD ASSY	A	1
- 425A	9341205-507		. THRESHOLD ASSY	B	1
- 425B	9341205-503		. THRESHOLD ASSY	C,D	1
- 427	9341205-507		. THRESHOLD ASSY (MOVED TO ITEM -425A)	B	D

- ITEM NOT ILLUSTRATED

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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11 – 427A	9341205-503		. THRESHOLD ASSY (MOVED TO ITEM -425B)	C	D
			ATTACHING PARTS		
430	MS24693C272		. SCREW (TRUE PN MS24693-C272)		4
			* * *		
435	9341205-9		.. BRACKET	A,B	1
– 435A	9341205-9		.. BRACKET	C,D	2
			ATTACHING PARTS		
440	MS24693C49		.. SCREW (TRUE PN MS24693-C49)		2
445	NAS1149CN816R		.. WASHER		2
450	MS21043-08		.. NUT		2
			* * *		
455	MS24693C49		.. SCREW (BONDED) (TRUE PN MS24693-C49)		2
– 455A	MS24693C49		.. DELETED		D
460	9341205-13		.. BUSHING (BONDED)		1
465	9341205-11		.. SPACER (BONDED)		1
470	9341205-15		.. BRACKET	A	1
– 473	9341205-17		.. BRACKET	B	1
475	NAS1330C08K106		.. RIVNUT		3
480	9341205-7		.. TUBE		1
485	9341352-509		. KICK RAMP ASSY	A	1
– 485A	9341352-505		. KICK RAMP ASSY	B	1
– 485B	9341352-511		. KICK RAMP ASSY	C,D	1

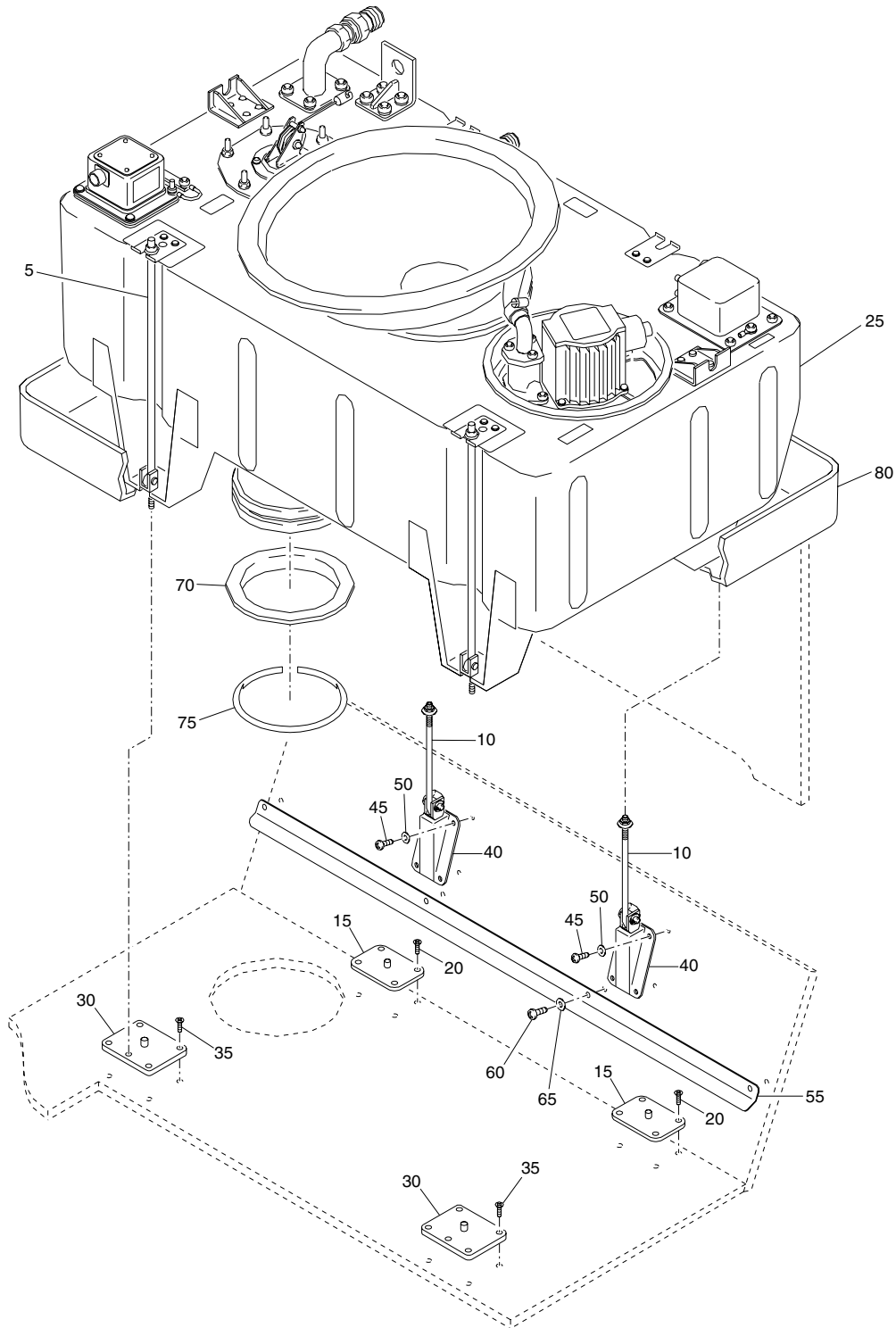
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A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
11			ATTACHING PARTS		
490	MS24693C50		. SCREW (TRUE PN MS24693-C50)  * * *		3
- 495	9341704-501		. SWITCH ASSY, DOOR  ATTACHING PARTS		1
500	NAS514P832-8		. SCREW  * * *		2
- 505	48-7190		.. DELETED		D
- 510	48-7191		.. DELETED		D
- 515	NAS662-2-7		.. SCREW SUPSD BY ITEM 515A		2
515A	NAS662C2R7		.. SCREW SUPSDS ITEM -515		2
520	NAS620-2		.. WASHER		2
525	MS21042-02		.. NUT		2
530	M8805109-01		.. SWITCH (V91929) (TRUE PN M8805/109-01)		1
535	9341704-5		.. SUPPORT		1
- 536	RNFCL125S		.. TUBING, FLEXIBLE (V06090)		AR
540	9341704-3		.. SPRING		1
545	9341704-1		.. PLATE		1
- 550	MS3367-4-9		.. CABLE TIE		AR
- 555	WFFRBK125		.. SLEEVING, EXPANDABLE (V00768)		AR
- 560	M2275934-20		.. WIRE (TRUE PN M22759/34-20)		AR
- 565	A417131-1		. SEAL (BONDED)		3

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



2540531201

Toilet Tank Installation  
Figure 12/GRAPHIC 25-40-53-99b-019-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
12 – 1	9341101-501		TANK INSTL, TOILET SEE FIG. 1 FOR NHA		RF
5	14313-001		. ROD ASSY, HOLD DOWN (V29780)		2
10	14313-004		. ROD ASSY, HOLD DOWN (V29780)		2
15	9341253-3		. BRACKET  ATTACHING PARTS		2
20	NAS517-3-3		. SCREW  * * *		8
25	14350-007		. TOILET ASSY (V29780) (SEE CMM 38-35-04 FOR DET)		1
30	9341253-501		. FITTING ASSY  ATTACHING PARTS		2
35	NAS517-3-3		. SCREW  * * *		8
– 36	MS21209F4-15		.. INSERT (BONDED)		1
– 37	9341253-1		.. BRACKET		1
40	9341253-503		. FITTING ASSY  ATTACHING PARTS		2
45	NAS603-5P		. SCREW		8
50	NAS1149F0332P		. WASHER  * * *		8
– 51	MS21209F4-15		.. INSERT (BONDED)		1
– 52	9341253-5		.. BRACKET		1

– ITEM NOT ILLUSTRATED

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A412001/K042702

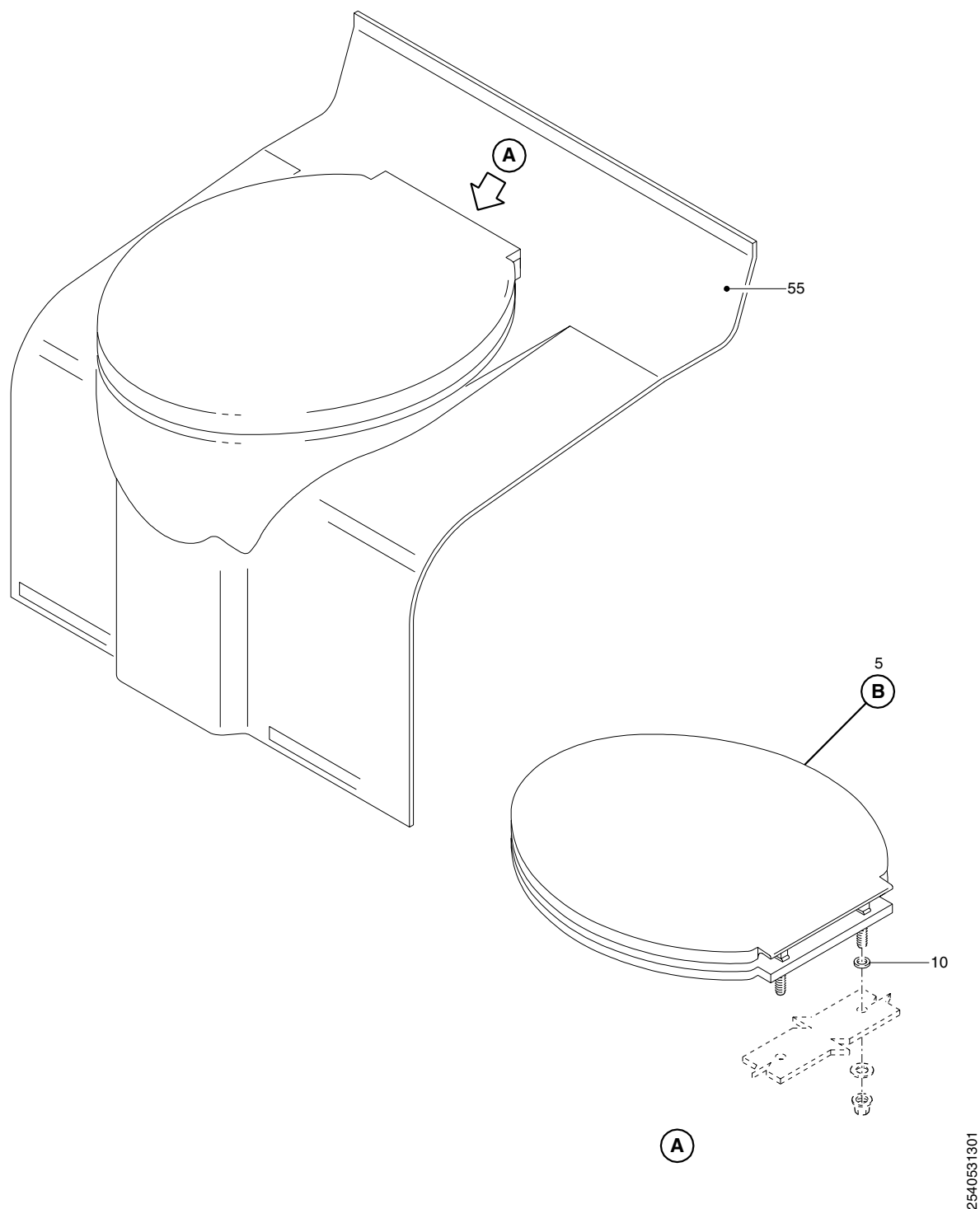
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
12	55	9341376-1	. DEFLECTOR (BONDED)		1
			ATTACHING PARTS		
	60	NAS603-4P	. SCREW		4
	65	NAS1149F0332P	. WASHER		4
			* * *		
	70	4582050-1	. SEAL		1
	75	MS28775-346	. SEAL		1
	80	9341401-1	. PAN, DRIP		1

– ITEM NOT ILLUSTRATED

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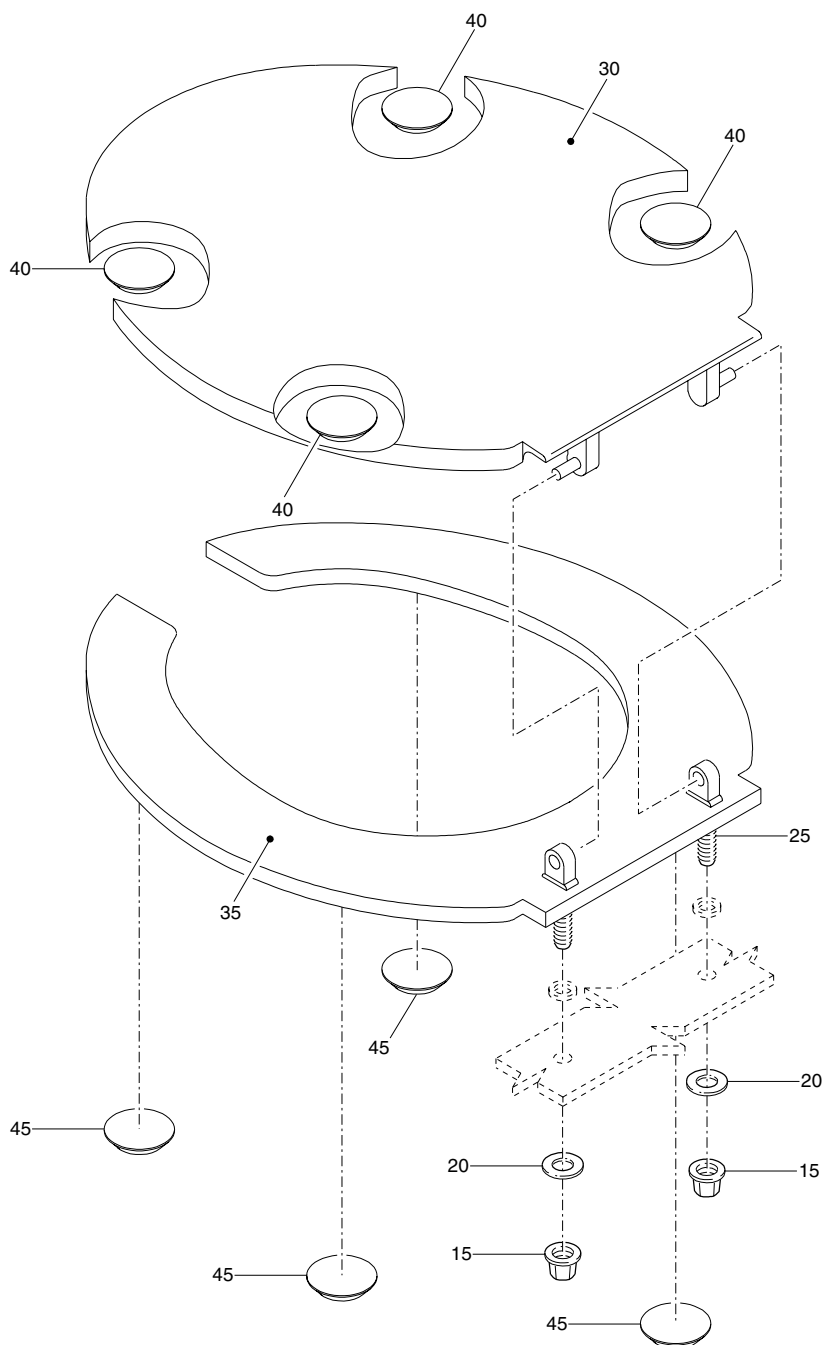
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COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Toilet Shroud Installation  
(Sheet 1 of 2)  
Figure 13/GRAPHIC 25-40-53-99b-020-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



**B**

Toilet Shroud Installation  
(Sheet 2 of 2)  
Figure 13/GRAPHIC 25-40-53-99b-020-A01

2540531302

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

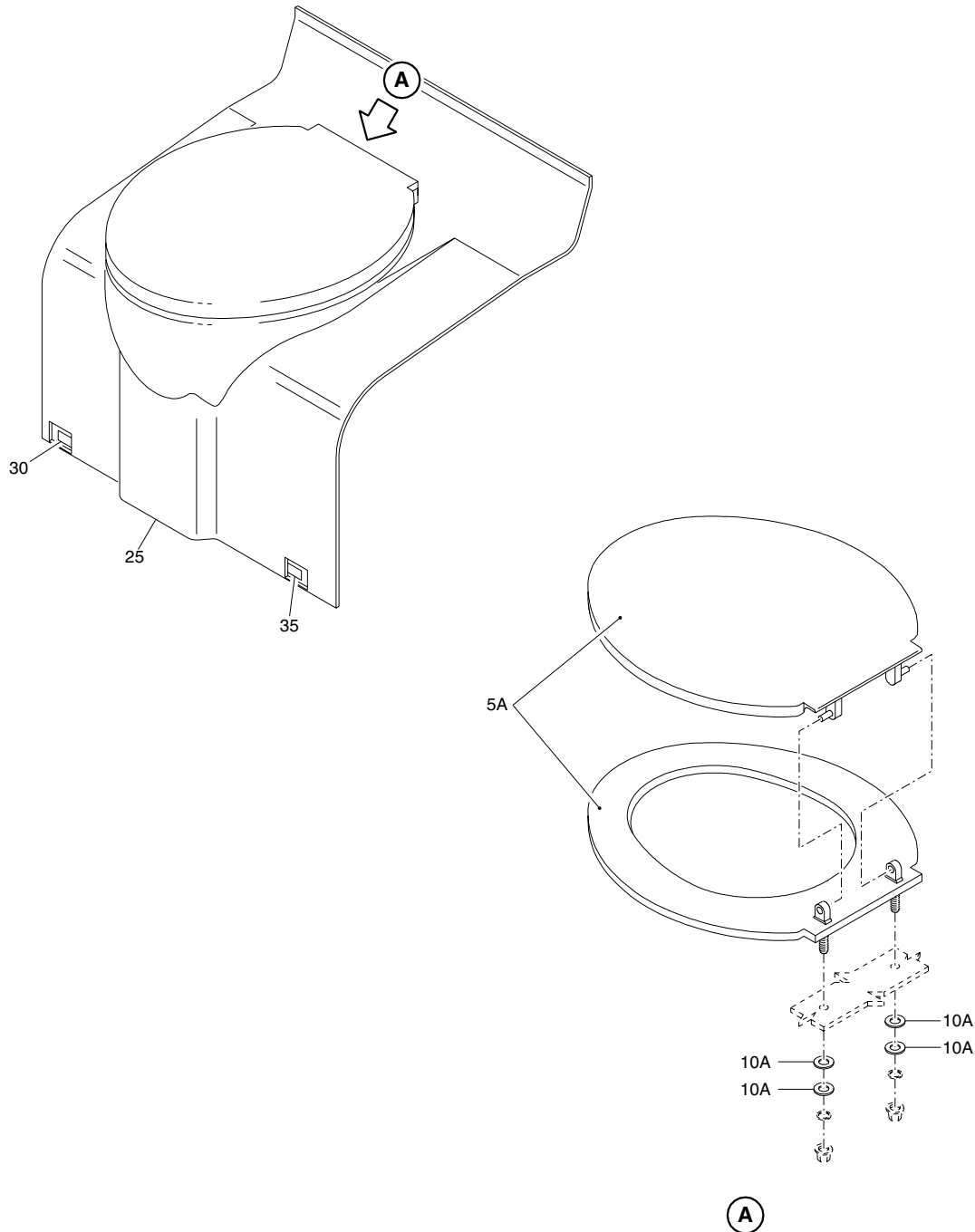
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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
13	– 1 9341403-503		SHROUD INSTL, TOILET SEE FIG. 1 FOR NHA		RF
	5 9341219-501		. SEAT ASSY		1
			ATTACHING PARTS		
	10 5710-608-60		. WASHER, FLAT (V86928)		2
			* * *		
	15 9341219-9		.. NUT (ALT PN 4806-13)		2
	20 9341219-7		.. WASHER (ALT PN 4806-15)		2
	25 9341219-5		.. HINGE (ALT PN 14301-T14)		2
	30 9341219-3		.. LID (ALT PN 4806-21-1)		1
	35 9341219-1		.. SEAT (ALT PN 4806-22-1)		1
	40 9341219-11		.. BUMPER (ALT PN 4806-18)		4
	45 9341219-13		.. BUMPER, LID (ALT PN 4806-19)		4
	– 46 9341219-15		.. CLIP, SPRING (ALT PN C3512-010-27)		8
	– 50 9341403-1		. P-SEAL (BONDED)		AR
	– 51 9341403-5		. VELCRO, HOOK (BONDED)		1
	– 52 9341403-7		. VELCRO, HOOK (BONDED)		1
	– 53 9341403-3		. FOAM SPACER		AR
	55 9341410-3		. SHROUD		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



25405313A01

Toilet Shroud Assembly  
Figure 13A/GRAPHIC 25-40-53-99b-021-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
13A	– 1 A415403-501		SHROUD ASSY, TOILET SEE FIG. 1 FOR NHA		RF
	– 5 A483FR593		. SEAT ASSY, TOILET (V0FWK8) (TRUE PN A-483-FR-593) SUPSD BY ITEM 5A		1
	5A A483G20AAR		. SEAT ASSY, TOILET (V0FWK8) (TRUE PN A-483-G20-AAR) SUPSDS ITEM -5  ATTACHING PARTS		1
	– 10 5710-608-060		. WASHER (V86928) SUPSD BY ITEM 10A		4
	10A 94709A516		. WASHER, SEALING (V3A054) SUPSDS ITEM -10  * * *		4
	– 15 9341403-1		. P-SEAL (BONDED)		AR
	– 20 9341403-3		. DELETED		D
	25 9341410-5		. SHROUD		1
	30 9341403-7		. VELCRO, HOOK (BONDED)		1
	35 9341403-5		. VELCRO, HOOK (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

DELETED

Oxygen Panel Installation - Deleted  
Figure 14/GRAPHIC 25-40-53-99b-022-A01

**25-40-53**

Page 10272  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14	– 1	9341141-503	PANEL INSTL, OXYGEN (THESE ITEM WERE TRANSFERED TO INSTL. DWG A412002-101)		RF
	– 5	9341228-503	. DELETED		D
	– 10	MS35207-262	. DELETED		D
	– 15	NAS1149F0332P	. DELETED		D
	– 20	MS20426AD3-4	.. DELETED		D
	– 25	SJ5303	.. DELETED		D
	– 30	9341228-9	.. DELETED		D
	– 35	9341228-601	.. DELETED		D
	– 40	MS21318-15	... DELETED		D
	– 45	MS20253P2-0122	... DELETED		D
	– 50	9341228-11	... DELETED		D
	– 55	9341228-7	... DELETED		D
	– 60	9341368-7	. DELETED		D
	– 65	9341210-503	. DELETED		D
	– 70	MS35207-262	. DELETED		D
	– 75	NAS1149F0332P	. DELETED		D
	– 80	9324601-511	.. DELETED		D
	– 85	MS35207-262	.. DELETED		D
	– 90	NAS1149F0332P	.. DELETED		D
	– 95	CDPL496-1	... DELETED		D
	– 100	9326240-3	... DELETED		D
	– 105	9326240-5	... DELETED		D
	– 110	9600K13	... DELETED		D
	– 115	ABMMD	... DELETED		D
	– 120	CDSP4633-5	... DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14 – 125	NAS1096-1-6		... DELETED		D
– 130	NAS1149DN632K		... DELETED		D
– 135	MS21042L06		... DELETED		D
– 140	NAS1096-1-6		... DELETED		D
– 145	NAS1149DN632K		... DELETED		D
– 150	CDSP4609-501		... DELETED		D
– 155	MS16562-195		.... DELETED		D
– 160	NAS601-6		.... DELETED		D
– 165	CDSP4610-5		.... DELETED		D
– 170	CDSP4612-1		.... DELETED		D
– 175	CE50		.... DELETED		D
– 180	CDSP4610-3		.... DELETED		D
– 185	CDSP4610-1		.... DELETED		D
– 190	CDSP4611-501		.... DELETED		D
– 195	CDSP4609-1		.... DELETED		D
– 200	NAS557-6C		... DELETED		D
– 205	MS35489-6		... DELETED		D
– 210	FPC1-8		... DELETED		D
– 215	9324606-9		... DELETED		D
– 220	801387-15		... DELETED		D
– 225	5416K22		... DELETED		D
– 230	5416K22		... DELETED		D
– 235	NAS1096-1-6		... DELETED		D
– 240	NAS1149DN632K		... DELETED		D
– 245	MS21042L06		... DELETED		D
– 250	CDSP4605-3		... DELETED		D
– 255	CDSP4607-501		... DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14 – 260	NAS1096-1-6		... DELETED		D
– 265	NAS1149DN632K		... DELETED		D
– 270	289-601-066-2		... DELETED		D
– 275	CDSP4634-1		... DELETED		D
– 280	CDSP4620-505		... DELETED		D
– 285	CDSP4622-1		.... DELETED		D
– 290	3896TI		.... DELETED		D
– 295	8936T42		.... DELETED		D
– 300	CDSP4621-1		.... DELETED		D
– 305	NAS603-5		... DELETED		D
– 310	NAS1149D0332K		... DELETED		D
– 315	9324610-1		... DELETED		D
– 320	9324603-503		... DELETED		D
– 325	CDSP4608-3		.... DELETED		D
– 330	CDSP4608-1		.... DELETED		D
– 335	FHA632-5		.... DELETED		D
– 340	MS35338-41		.... DELETED		D
– 345	NAS1149DN632K		.... DELETED		D
– 350	NAS671-6		.... DELETED		D
– 355	CDSP4606-1		.... DELETED		D
– 360	CDSP4605-1		.... DELETED		D
– 365	MS20426AD3-4		.... DELETED		D
– 370	9324608-1		.... DELETED		D
– 375	9324603-7		.... DELETED		D
– 380	9324603-3		.... DELETED		D
– 385	9324603-5		.... DELETED		D
– 390	9324603-6		.... DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14 – 395	9324603-9		....DELETED		D
– 400	9324604-503		...DELETED		D
– 405	CDSP4608-3		....DELETED		D
– 410	CDSP4608-1		....DELETED		D
– 415	FHA632-5		....DELETED		D
– 420	MS35338-41		....DELETED		D
– 425	NAS1149DN632K		....DELETED		D
– 430	NAS671-6		....DELETED		D
– 435	CDSP4606-1		....DELETED		D
– 440	CDSP4605-1		....DELETED		D
– 445	9324608-3		....DELETED		D
– 450	MS20426AD3-4		....DELETED		D
– 455	9324604-3		....DELETED		D
– 460	9324604-7		....DELETED		D
– 465	9324604-8		....DELETED		D
– 470	9324604-9		....DELETED		D
– 475	9324602-507		...DELETED		D
– 480	9341316-1		..DELETED		D
– 485	MS35207-262		..DELETED		D
– 490	NAS1149F0332P		..DELETED		D
– 495	MS35207-266		..DELETED		D
– 500	NAS1149FN0332P		..DELETED		D
– 505	NAS43D3-36		..DELETED		D
– 510	9341316-3		..DELETED		D
– 515	9158109-501		..DELETED		D
– 520	MS35206-212		..DELETED		D
– 525	NAS1149FN416P		..DELETED		D

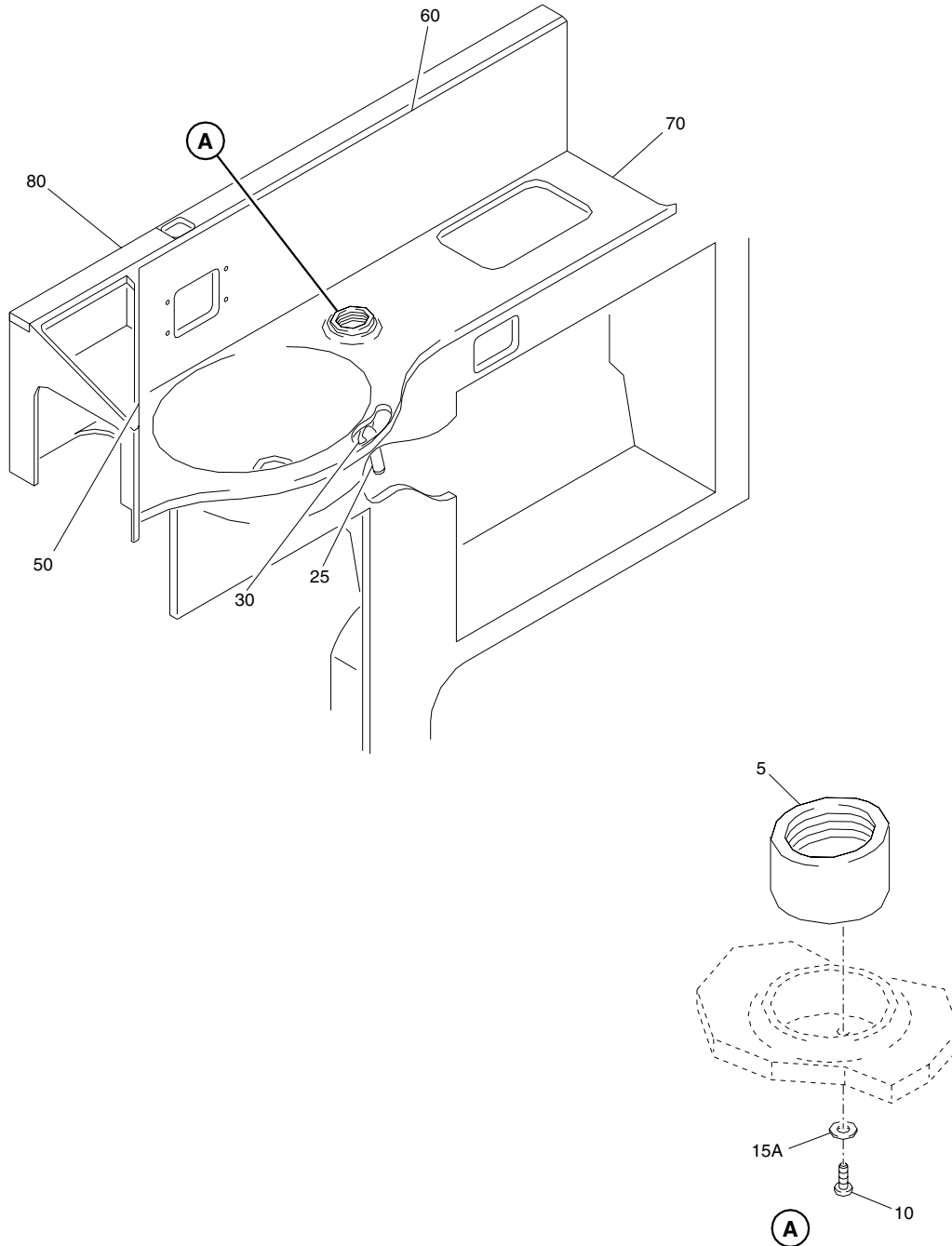
– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
14 – 530	MS9486-19		... DELETED		D
– 535	9158109-1		... DELETED		D
– 540	DST3881		... DELETED		D
– 545	9158109-601		... DELETED		D
– 550	6035-04BR135		.... DELETED		D
– 555	9158109-3		.... DELETED		D
– 560	9341368-5		.. DELETED		D
– 565	9341210-601		.. DELETED		D
– 570	9341415-1		... DELETED		D
– 575	9341034-501		... DELETED		D
– 580	CDSP5903-06-500		.... DELETED		D
– 585	CDSP5905-3-13		.... DELETED		D
– 590	9341034-1		.... DELETED		D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



2540531501

Countertop Assembly  
Figure 15/GRAPHIC 25-40-53-99b-023-A01

**25-40-53**

Page 10278  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 – 1	9341405-501		COUNTER TOP ASSY SEE FIG. 1 FOR NHA	A	RF
– 1A	9341405-503		COUNTER TOP ASSY SEE FIG. 1 FOR NHA	B	RF
5	9171111-503		. SOAP BASE ASSY	A	1
			ATTACHING PARTS		
10	MS35207-262		. SCREW	A	1
– 15	NAS1149F0332		. WASHER SUPSD BY ITEM 15A	A	1
15A	NAS1149F0332P		. WASHER SUPSDS ITEM -15	A	1
			* * *		
– 16	MS21209F1-10		.. INSERT		1
– 20	9171111-3		.. HOLDER		1
25	9171121-501		. OVER FLOW TUBE ASSY (BONDED)		1
30	9171121-3		.. FLANGE		1
– 35	9171121-1		.. OVERFLOW DRAIN TUBE		1
– 40	9341405-601		. TOPCOAT ASSY	A	1
– 40A	9341405-603		. TOPCOAT ASSY	B	1
– 45	9341226-501		.. STRUCTURE ASSY, BONDED		1
50	9341229-501		... PANEL ASSY (BONDED)		1
– 55	9341229-1		.... PANEL (INCORRECT PN)		D
– 55A	9341229-3		.... PANEL (CORRECT PN)		1
60	9341229-503		... PANEL ASSY (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

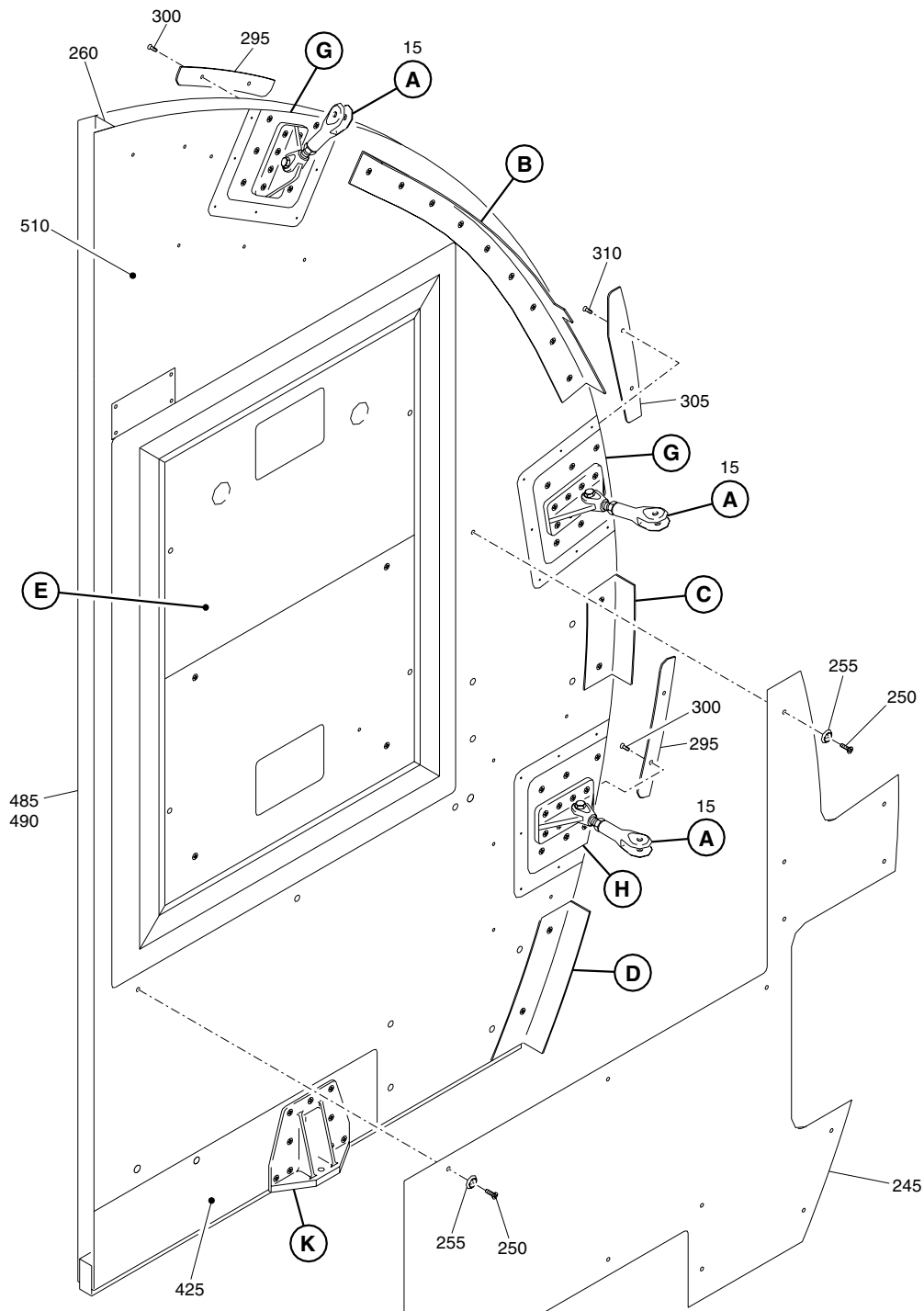
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
15 – 65	9341229-3		.... PANEL (INCORRECT PN)		D
– 65A	9341229-5		.... PANEL (CORRECT PN)		1
– 66	CDSP5905C08-06P		.... INSERT		6
70	9341229-505		... PANEL ASSY (BONDED)		1
– 71	CDSP5905C08-09		.... INSERT		14
– 72	9341229-1		.... PANEL		1
– 75	9341229-1		... DELETED		D
80	9341229-7		... PANEL (BONDED)		1
– 85	9341405-3		.. SHEET LAMINATE		AR
– 90	9341405-1		.. TOPCOAT	A	1
– 90A	9341405-5		.. TOPCOAT	B	1
– 95	9341405-3		.. TOPCOAT		1
– 95A	9341405-5		.. TOPCOAT (MOVED TO ITEM -90A)	B	D

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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A412001/K042702

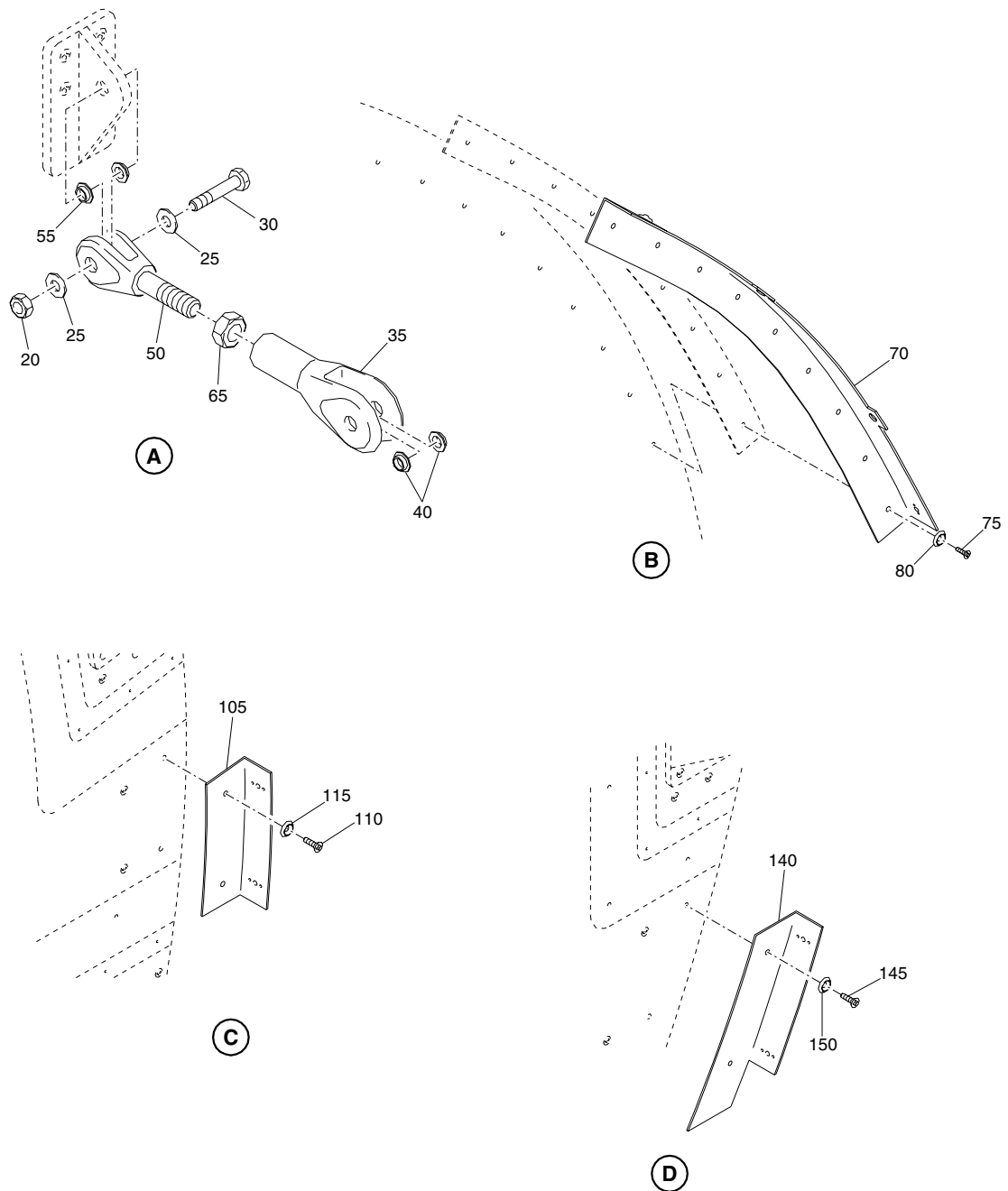


Bulkhead Assembly  
(Sheet 1 of 4)  
Figure 16/GRAPHIC 25-40-53-99b-024-A01

# 25-40-53

Page 10282  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



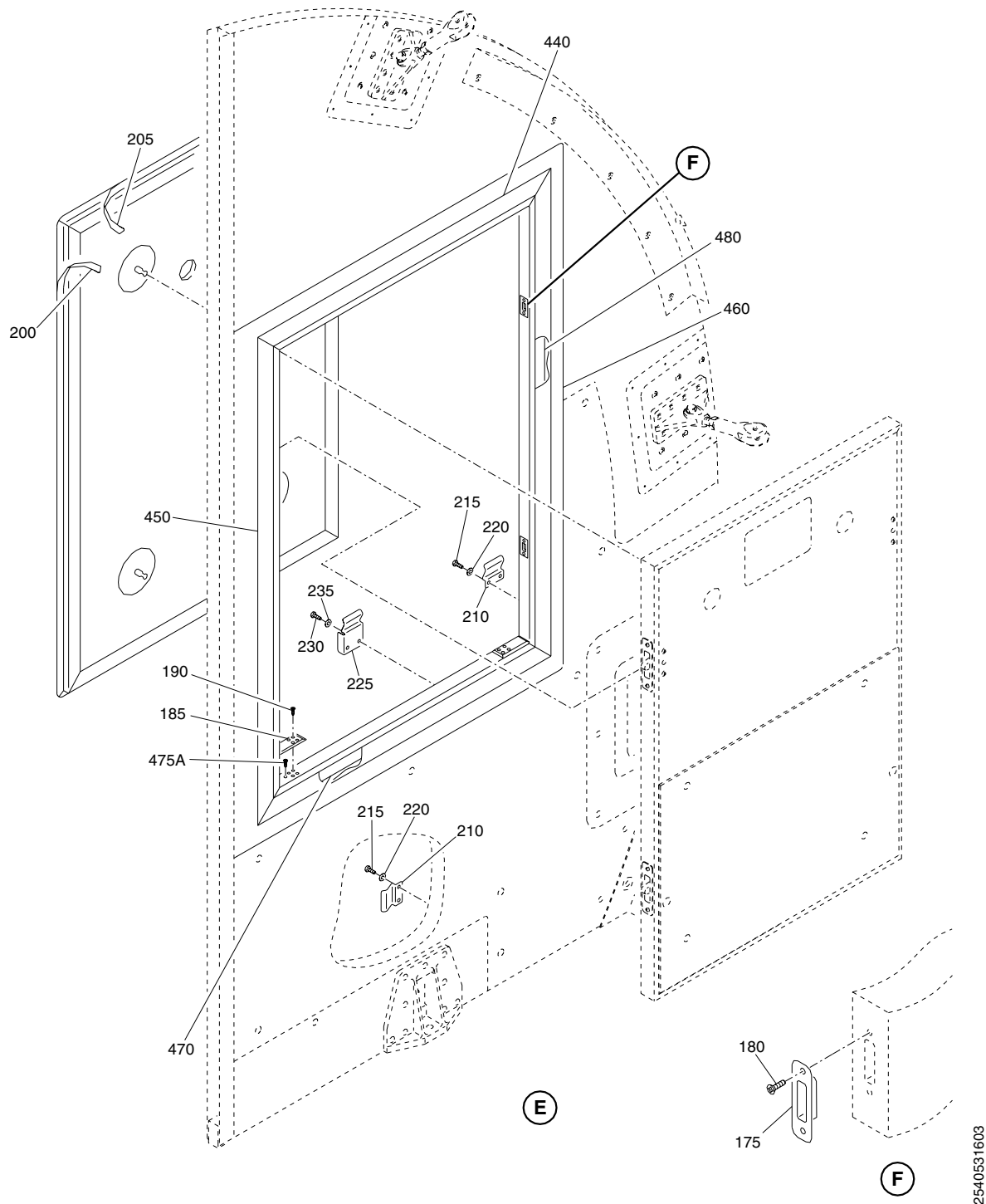
2540531602

Bulkhead Assembly  
(Sheet 2 of 4)  
Figure 16/GRAPHIC 25-40-53-99b-024-A01

# 25-40-53

Page 10283  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

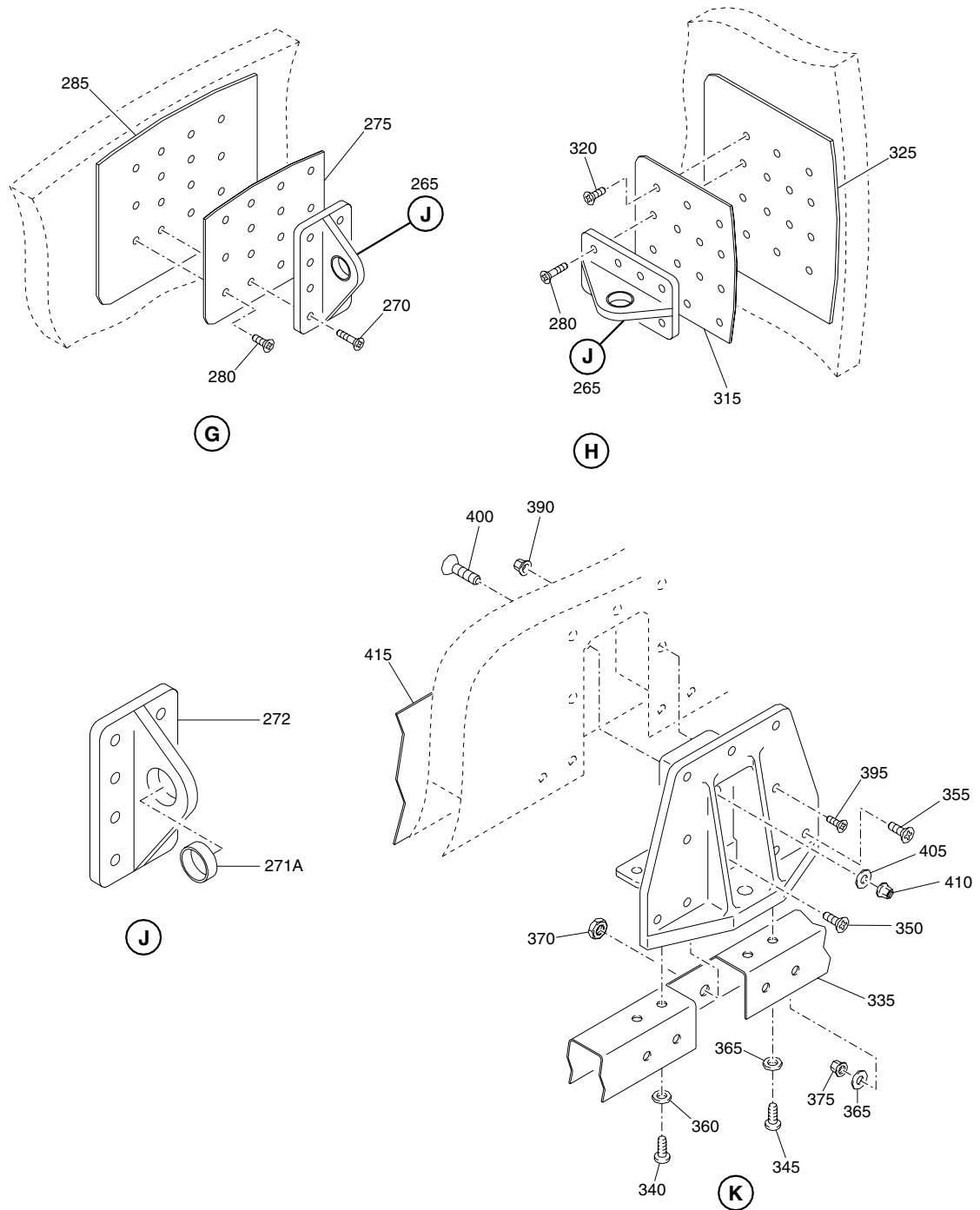


Bulkhead Assembly  
(Sheet 3 of 4)  
Figure 16/GRAPHIC 25-40-53-99b-024-A01

**25-40-53**

Page 10284  
May 05/23

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Bulkhead Assembly  
(Sheet 4 of 4)  
Figure 16/GRAPHIC 25-40-53-99b-024-A01

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16	– 1	9402001-519	BULKHEAD ASSY SEE FIG. 1 FOR NHA		RF
	– 5	CD1054-1	. NAMEPLATE (BONDED)		1
			ATTACHING PARTS		
	– 10	AD32BS	. RIVET		4
			* * *		
	15	A421160-501	. DRAG LINK ASSY		3
			ATTACHING PARTS		
	20	MS21042L6	. NUT		3
	25	NAS1149F0663P	. WASHER		6
	30	NAS6606-14	. BOLT		3
			* * *		
	35	9401275-501	.. CLEVIS ASSY, FEMALE		1
	40	9401275-3	... BUSHING		2
	– 45	9401275-1	... CLEVIS		1
	50	9401276-501	.. CLEVIS ASSY, MALE		1
	55	9401275-3	... BUSHING		2
	– 60	9401276-1	... CLEVIS		1
	65	AN316-6R	.. NUT, JAM		1
	70	9416116-501	. ANGLE ASSY, BULKHEAD		1
			ATTACHING PARTS		
	75	NAS603-8P	. SCREW		9
	80	AN970-3	. WASHER		9
			* * *		
	– 85	MS21059L3	.. NUTPLATE		3

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16			ATTACHING PARTS		
– 90	CCR264SS3-03		.. RIVET (V05693) (TRUE PN CCR264SS-3-03)  * * *		6
– 95	9416116-3		.. SEAL (BONDED)		1
– 100	9416116-1		.. ANGLE, BULKHEAD		1
105	9416117-501		. ANGLE ASSY, BULKHEAD		1
			ATTACHING PARTS		
110	NAS603-8P		. SCREW		2
115	AN970-3		. WASHER  * * *		2
– 120	MS21059L3		.. NUTPLATE		2
			ATTACHING PARTS		
– 125	CCR264SS3-03		.. RIVET (V05693) (TRUE PN CCR264SS-3-03)  * * *		4
– 130	9416117-5		.. FOAM (BONDED)		1
– 135	9416117-1		.. ANGLE		1
140	9416117-503		. ANGLE ASSY, BULKHEAD		1
			ATTACHING PARTS		
145	NAS603-8P		. SCREW		2
150	AN970-3		. WASHER  * * *		2
– 155	MS21059L3		.. NUTPLATE		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16			ATTACHING PARTS		
– 160	CCR264SS3-03		. . RIVET (V05693) (TRUE PN CCR264SS-3-03)  * * *		4
– 165	9416117-7		. . FOAM (BONDED)		1
– 170	9416117-3		. . ANGLE		1
175	4651057-1		. STRIKER		4
			ATTACHING PARTS		
180	NAS514P632-8		. SCREW  * * *		8
185	9405261-1		. ACCESS DOOR, PRESSURE PAD		4
			ATTACHING PARTS		
190	NAS514P832-8		. SCREW  * * *		16
– 195	4656051-1		. DELETED		D
200	9401405-3		. SEAL, FOAM (BONDED)		2
205	9401405-1		. SEAL, FOAM (BONDED)		2
210	9341361-1		. CLIP, SPRING		3
			ATTACHING PARTS		
215	MS51957-44		. DRAG LINK ASSY		6
220	NAS1149CN816R		. WASHER  * * *		6
225	9341361-5		. CLIP, SPRING		1
			ATTACHING PARTS		
230	MS51957-44		. SCREW		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16 235	NAS1149CN816R		. WASHER  * * *		2
- 240	CDSP5307-200		. SEAL, SMOKE (BONDED) (TRUE PN CDSP5307-200-150-120)		AR
245	9402402-1		. LINER, PROTECTION  ATTACHING PARTS		1
250	NAS514P832-8		. SCREW		14
255	CDSP5801-2AL		. WASHER  * * *		14
260	9402004-505		. STRUCTURE ASSY, BONDED RIGHT SIDE		1
265	9401254-501		. FITTING ASSY, STRINGER ATTACH  ATTACHING PARTS		3
270	NAS517-3-5		. SCREW  * * *		24
- 271	MS14101-5AP		.. BEARING SUPSD BY ITEM 271A		1
271A	MS14101-6P		.. BEARING SUPSDS ITEM -271		1
272	9401254-1		.. FITTING		1
275	9401354-1		. DOUBLER (BONDED)  ATTACHING PARTS		2
280	NAS514P1032-7		. SCREW  * * *		12
285	9401354-3		. DOUBLER (BONDED)		2

- ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16			ATTACHING PARTS		
– 290	CR3523P6-02		. RIVET (V05693) (TRUE PN CR3523P-6-02)  * * *		14
295	9401354-5		. DOUBLER (BONDED)  ATTACHING PARTS		2
300	NAS514P1032-7		. SCREW  * * *		4
305	9402356-3		. DOUBLER (BONDED)  ATTACHING PARTS		1
310	NAS514P1032-7		. SCREW  * * *		2
315	9402356-2		. DOUBLER (BONDED)  ATTACHING PARTS		1
320	NAS514P1032-7		. SCREW  * * *		6
325	9402356-5		. DOUBLER (BONDED)  ATTACHING PARTS		1
– 330	CR3523P6-02		. RIVET (V05693) (TRUE PN CR3523P-6-02)  * * *		6
335	9401256-1		. FLOOR FITTING, REINFORCE (BONDED)  ATTACHING PARTS		1
340	NAS603-12P		. SCREW		2

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16	345	NAS604-13P	. SCREW		2
	350	NAS514P1032-6	. SCREW		1
	355	NAS517-3-5	. SCREW		4
	360	NAS1149F0332P	. WASHER		6
	365	NAS1149F0432P	. WASHER		2
	370	4651085-3	. NUT, FLUSH		1
	375	MS21042L3	. NUT, SELF-LOCKING		4
			* * *		
– 380	NAS1330H3K166L		. RIVNUT		2
– 385	NAS1330H4K151L		. RIVNUT		2
	390	9401251-1	. NUT, SELF-LOCKING		1
			ATTACHING PARTS		
	395	NAS517-3-2	. SCREW		5
	400	NAS517-3-4	. SCREW		2
	405	NAS1149F0332P	. WASHER		2
	410	MS21042L3	. NUT, SELF-LOCKING		2
			* * *		
	415	9402353-3	. DOUBLER, FLOOR FITTING (BONDED)		1
			ATTACHING PARTS		
– 420	CR3522P6-04		. RIVET (V05693) (TRUE PN CR3522P-6-04)		4
			* * *		
	425	9402353-1	. DOUBLER, FLOOR FITTING (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16			ATTACHING PARTS		
– 430	CR3523P6-03		. RIVET (V05693) (TRUE PN CR3523P-6-03)		2
– 435	CR3522P6-03		. RIVET (V05693) (TRUE PN CR3522P-6-03)		2
			* * *		
440	9404260-1		. TRIM CHANNEL, ACCESS DOOR (BONDED)		2
			ATTACHING PARTS		
– 445	CR3522P4-02		. RIVET (V05693) (TRUE PN CR3522P-4-02)		12
			* * *		
450	9404260-3		. TRIM CHANNEL, ACCESS DOOR (BONDED)		2
			ATTACHING PARTS		
– 455	CR3522P4-02		. RIVET (V05693) (TRUE PN CR3522P-4-02)		28
			* * *		
460	9402358-1		. DOUBLER, ACCESS DOOR (BONDED)		1
			ATTACHING PARTS		
– 465	CR3523P6-03		. RIVET (V05693) (TRUE PN CR3523P-6-03)		7
			* * *		
470	9401260-1		. CHANNEL, ACCESS DOOR (BONDED)		2

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COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16			ATTACHING PARTS		
– 475	NAS514P1032-7		. SCREW (INCORRECT PN)		D
475A	NAS514P1032-8		. SCREW (CORRECT PN)		8
			* * *		
480	9402267-501		. FITTING SUPPORT CHANNEL ASSY (BONDED)		1
– 481	MS21059L3		.. NUTPLATE		3
			ATTACHING PARTS		
– 482	MS20426AD3-4		.. RIVET		6
			* * *		
– 483	9402267-1		.. CHANNEL		1
485	9402268-501		. CHANNEL ASSY, ACCESS DOOR (BONDED)		2
– 486	9401260-601		.. ANGLE ASSY		2
			ATTACHING PARTS		
– 487	CR3522P6-03		.. RIVET (V05693) (TRUE PN CR3522P-6-03)		6
			* * *		
– 488	9402268-1		.. CHANNEL		1
490	9402264-501		. SPLICE ASSY (BONDED)		1
– 491	NAS1330H3K116L		.. RIVNUT		11
– 492	9402264-1		.. SPLICE EXTRUSION		1
– 495	CR3522P4-02		. RIVET (V05693) (TRUE PN CR3522P-4-02)		21
– 500	AKS4-632-130L		. RIVNUT (V78276)		8

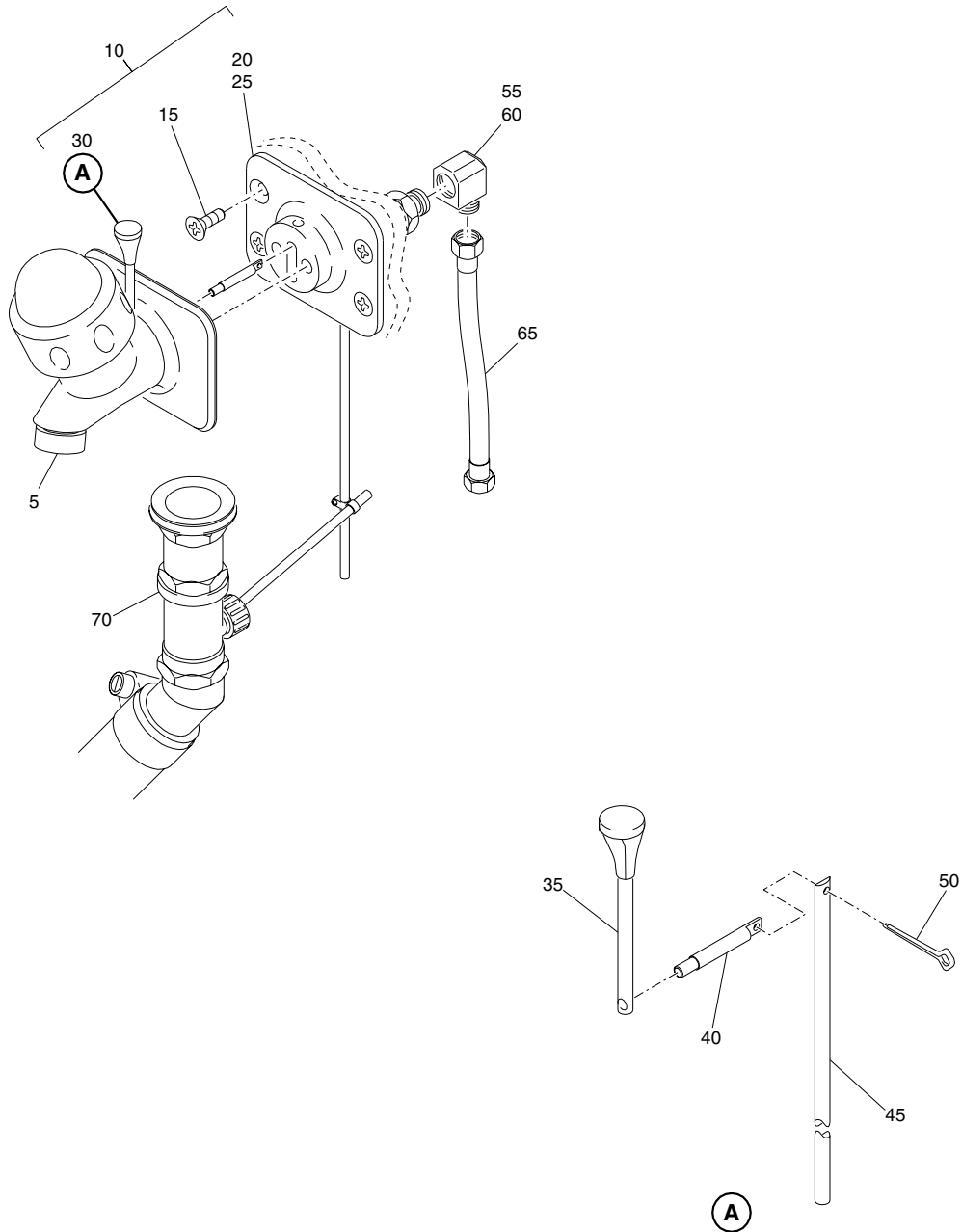
– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
16 – 505	AKS4-832-130L		. RIVNUT (V78276)		16
510	9402015-501		. PANEL ASSY, RIGHT SIDE (BONDED)		1

– ITEM NOT ILLUSTRATED

COMPONENT MAINTENANCE MANUAL  
A412001/K042702



Wall Mount Faucet And Drain Assembly  
Figure 17/GRAPHIC 25-40-53-99b-025-A01

2540531701

COMPONENT MAINTENANCE MANUAL  
A412001/K042702

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
17	– 1	CDSP4108-501	FAUCET AND DRAIN ASSY, WALL MOUNT SEE FIG. 4A FOR NHA		RF
	5	CDSP4104-11	. FAUCET, SINGLE TEMP (ALT PN CDSP4103-3)		1
	10	CDSP4112-501	. ADAPTER ASSY, WITH DRAIN ROD  ATTACHING PARTS		1
	15	MS24693C47	. SCREW (TRUE PN MS24693-C47)  * * *		4
	20	CDSP4112-3	.. COVER		1
	25	CDSP4112-1	.. ADAPTER		1
	30	CDSP4113-501	.. DRAIN ROD ASSY		1
	35	CDSP4113-1	... DRAIN, KNOB AND ROD		1
	40	CDSP4113-3	... MIDDLE ROD		1
	45	CDSP4113-5	... DRAIN ROD  ATTACHING PARTS		1
	50	MS24665-298	... PIN, COTTER  * * *		1
	55	CDSP4105-1	. INLET FITTING		1
	60	CDSP4105-3	. BLANK FITTING, PLUG		1
	65	CDSP1606-11-006	. HOSE (TRUE PN CDSP1606-11-0060)		1
	70	CDSP4111-1	. DRAIN ASSY		1

– ITEM NOT ILLUSTRATED

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A412001/K042702

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