

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF ELECTRICAL SYSTEM PANEL ASSEMBLY M10063 COMPONENT MAINTENANCE
MANUAL 24-22-71

REVISION NO. 33 DATED JUL 01/04

HIGHLIGHTS

Pages which have been added or revised are outlined below together with the highlights of the revision. Remove and insert the affected pages as listed and enter Revision No. and date on the Record of Revision Sheet.

CHAPTER/SECTION

AND PAGE NO.

DESCRIPTION OF CHANGE

TITLE PAGE

Added P/N 233N6252-11, -12, -14, -15 per Component
Service Bulletin 233N3209-24-04R1.

1

TR & SB RECORD

1

108,110-112,119,

121,123,125,127,

129

1003-1024,1026-1061,

1063-1080P

1002

Added the general information of interchangeable part
number of the S231T290 series in the IPL Introduction,
Page 1002.

24-22-71

HIGHLIGHTS

01.1

Page 1

Jul 01/04

ELECTRICAL SYSTEM PANEL ASSEMBLY M10063

PART NUMBERS 233N3209-12,-14,-16,-18,-19,-20,
-22 THRU -29,-34,-300 THRU
-314,-1012,-1014,-1016,
-1018 THRU -1020,-1022
THRU -1029,-1034,-1300
THRU -1315
233N6252-10 THRU -16
233T3100-216,-217,-234,-235,-270,
-275,-295

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

24-22-71

TITLE PAGE

Page 1

Jul 01/04

01.1



REVISION RECORD

- Retain this record in front of manual. On receipt of revision, insert revised pages in the manual, and enter revision number, date inserted and initial.

REVISION NUMBER	REVISION DATE	DATE FILED	BY	REVISION NUMBER	REVISION DATE	DATE FILED	BY


BOEING
 COMPONENT
 MAINTENANCE MANUAL
TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
233N3209-24-01 233N3209-24-02 233N3209-24-03 233N3209-24-04 233N3209-24-03R1 233N3209-24-04R1	24-1 24-2 24-4 (757) 24-7 (767)	PRR N52448	OCT 10/82
		PRR VDC N0005	OCT 10/83
		PRR N52337	OCT 10/83
		PRR 53112	OCT 10/84
		PRR 53112-1	JUL 10/85
		PRR B53112-2	JUL 10/85
		PRR B11110-2	JUL 10/85
		PRR C12526	JAN 10/86
		PRR 53135-97	OCT 01/87
		PRR B11632	APR 01/88
			JAN 01/92
			JUN 01/96
			NOV 01/01
			NOV 01/01
			NOV 01/01
	JUL 01/02		
	JUL 01/03		
	JUL 01/03		
	JUL 01/03		
	JUL 01/03		
	JUL 01/04		
	JUL 01/04		

24-22-71

TR & SB RECORD

01.1

Page 1

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PAGE	DATE	CODE	PAGE	DATE	CODE
24-22-71			TESTING & TROUBLE SHOOTING CONT.		
TITLE PAGE			*112	JUL 01/04	01.1
*1	JUL 01/04	01.1	113	MAR 01/02	01.1
2	BLANK		114	MAR 01/02	01.1
REVISION RECORD			115	MAR 01/02	01.1
1	APR 01/88	01.1	116	MAR 01/02	01.1
2	BLANK		117	JUL 01/01	01.1
TR & SB RECORD			118	BLANK	
*1	JUL 01/04	01.1	*119	JUL 01/04	01.1
2	BLANK		120	BLANK	
LIST OF EFFECTIVE PAGES			*121	JUL 01/04	01.1
*1	JUL 01/04	01	122	BLANK	
THRU LAST PAGE			*123	JUL 01/04	01.1
CONTENTS			124	BLANK	
1	JUL 01/03	01.1	*125	JUL 01/04	01.1
2	BLANK		126	BLANK	
INTRODUCTION			*127	JUL 01/04	01.1
1	JUL 01/90	01.1	128	BLANK	
2	BLANK		*129	JUL 01/04	01.1
DESCRIPTION & OPERATION			130	BLANK	
1	APR 01/88	01.1	131	JUL 01/03	01.1
2	BLANK		132	BLANK	
TESTING & TROUBLE SHOOTING			133	JUL 01/03	01.1
101	JUL 01/02	01.1	134	BLANK	
102	JUL 01/03	01.1	135	JUL 01/03	01.1
103	JUL 01/01	01.1	136	BLANK	
104	JUL 01/01	01.1	137	JUL 01/03	01.1
105	JUL 01/01	01.1	138	BLANK	
106	JUL 01/01	01.1	139	JUL 01/03	01.1
107	JUL 01/01	01.1	140	BLANK	
*108	JUL 01/04	01.1	141	JUL 01/03	01.1
109	MAR 01/02	01.1	142	BLANK	
*110	JUL 01/04	01.1	REPAIR-GENERAL		
*111	JUL 01/04	01.1	601	JUL 01/03	01.1
			602	BLANK	
			ILLUSTRATED PARTS LIST		
			1001	APR 01/88	01.1
			*1002	JUL 01/04	01.1
			*1003	JUL 01/04	01.1
			*1004	JUL 01/04	01.1
			*1005	JUL 01/04	01.1

* = REVISED, ADDED OR DELETED

24-22-71EFFECTIVE PAGES
CONTINUED Page 1
01 Jul 01/04

PAGE	DATE	CODE	PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.	ILLUSTRATED PARTS LIST		CONT.
*1006	JUL 01/04	01.1	*1048	JUL 01/04	01.1
*1007	JUL 01/04	01.1	*1049	JUL 01/04	01.1
*1008	JUL 01/04	01.1	*1050	JUL 01/04	01.1
*1009	JUL 01/04	01.1	*1051	JUL 01/04	01.1
*1010	JUL 01/04	01.1	*1052	JUL 01/04	01.1
*1011	JUL 01/04	01.1	*1053	JUL 01/04	01.1
*1012	JUL 01/04	01.1	*1054	JUL 01/04	01.1
*1013	JUL 01/04	01.1	*1055	JUL 01/04	01.1
*1014	JUL 01/04	01.1	*1056	JUL 01/04	01.1
*1015	JUL 01/04	01.1	*1057	JUL 01/04	01.1
*1016	JUL 01/04	01.1	*1058	JUL 01/04	01.1
*1017	JUL 01/04	01.1	*1059	JUL 01/04	01.1
*1018	JUL 01/04	01.1	*1060	JUL 01/04	01.1
*1019	JUL 01/04	01.1	*1061	JUL 01/04	01.1
*1020	JUL 01/04	01.1	*1062	BLANK	
*1021	JUL 01/04	01.1	*1063	JUL 01/04	01.1
*1022	JUL 01/04	01.1	*1064	JUL 01/04	01.1
*1023	JUL 01/04	01.1	*1065	JUL 01/04	01.1
*1024	JUL 01/04	01.1	*1066	JUL 01/04	01.1
*1025	BLANK		*1067	JUL 01/04	01.1
*1026	JUL 01/04	01.1	*1068	JUL 01/04	01.1
*1027	JUL 01/04	01.1	*1069	JUL 01/04	01.1
*1028	JUL 01/04	01.1	*1070	JUL 01/04	01.1
*1029	JUL 01/04	01.1	*1071	JUL 01/04	01.1
*1030	JUL 01/04	01.1	*1072	JUL 01/04	01.1
*1031	JUL 01/04	01.1	*1073	JUL 01/04	01.1
*1032	JUL 01/04	01.1	*1074	JUL 01/04	01.1
*1033	JUL 01/04	01.1	*1075	JUL 01/04	01.1
*1034	JUL 01/04	01.1	*1076	JUL 01/04	01.1
*1035	JUL 01/04	01.1	*1077	JUL 01/04	01.1
*1036	JUL 01/04	01.1	*1078	JUL 01/04	01.1
*1037	JUL 01/04	01.1	*1079	JUL 01/04	01.1
*1038	JUL 01/04	01.1	*1080	JUL 01/04	01.1
*1039	JUL 01/04	01.1	*1080A	JUL 01/04	01.1
*1040	JUL 01/04	01.1	*1080B	JUL 01/04	01.1
*1041	JUL 01/04	01.1	*1080C	JUL 01/04	01.1
*1042	JUL 01/04	01.1	*1080D	JUL 01/04	01.1
*1043	JUL 01/04	01.1	*1080E	JUL 01/04	01.1
*1044	JUL 01/04	01.1	*1080F	JUL 01/04	01.1
*1045	JUL 01/04	01.1	*1080G	JUL 01/04	01.1
*1046	JUL 01/04	01.1	*1080H	JUL 01/04	01.1
*1047	JUL 01/04	01.1	*1080I	JUL 01/04	01.1

* = REVISED, ADDED OR DELETED

24-22-71EFFECTIVE PAGES
CONTINUED Page 2
01 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PAGE	DATE	CODE	PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.			
*1080J	JUL 01/04	01.1			
*1080K	JUL 01/04	01.1			
*1080L	JUL 01/04	01.1			
*1080M	JUL 01/04	01.1			
*1080N	JUL 01/04	01.1			
*1080O	JUL 01/04	01.1			
*1080P	JUL 01/04	01.1			

* = REVISED, ADDED OR DELETED

24-22-71

EFFECTIVE PAGES
 LAST PAGE Page 3
 01 Jul 01/04



TABLE OF CONTENTS

<u>Paragraph Title</u>	<u>Page</u>
Description and Operation	1
Testing and Trouble Shooting.	101
Disassembly*[1]
Cleaning.*[1]
Check*[1]
Repair.	601
Assembly.*[1]
Fits and Clearances (not applicable)	
Special Tools, Fixtures, and Equipment.*[2]
Illustrated Parts List.	1001

.*[1] Use applicable procedures in SOPM 20-11-05 and standard industry practices.

.*[2] Special instructions not required.

24-22-71

CONTENTS

Page 1

Jul 01/03

01.1



INTRODUCTION

The instructions in this manual provide the information necessary to perform maintenance functions including test, fault isolation, and replacement of defective components.

This manual is divided into separate sections:

- | | |
|---|--------------------------------|
| 1. Title Page | 4. List of Effective Pages |
| 2. Record of Revisions | 5. Table of Contents |
| 3. Temporary Revisions &
Service Bulletin Record | 6. Introduction |
| | 7. Procedures and IPL Sections |

Refer to the Table of Contents for the page location of applicable sections.

An explanation of the use of the Illustrated Parts List is provided in the introduction to that section.

All weights and measurements used in the manual are in English units unless otherwise stated. When metric equivalents are given, they will be in parentheses following the English units.

Design changes, optional parts, configuration differences and Service Bulletin modifications create alternate part numbers. These are identified in the Illustrated Parts List (IPL) by adding an alphabetical character to the basic item number. The resulting item number is called an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless otherwise indicated.

Verification:

Testing/TS Nov 15/82

24-22-71

INTRODUCTION

01.1

Page 1

Jul 01/90



ELECTRICAL SYSTEM PANEL ASSEMBLY M10063

DESCRIPTION AND OPERATION

1. Description

- A. The electrical system panel assembly consists of switches and indicators mounted on a baseplate assembly interconnected by a wire bundle assembly to connectors on a bracket which is attached to the baseplate by standoffs.

24-22-71

DESCRIPTION & OPERATION

01.1

Page 1

Apr 01/88

TESTING AND TROUBLE SHOOTING

 1. Test Equipment

A. **Multimeter:** Any model in the Simpson 260 series of multimeters/VOMs or equivalent

B. **Power supply:**

(1) DC: 28V dc, 0.50A

(2) AC: 5V ac, 400Hz

C. **Test connectors:** BACC45FT22-55S6 (to mate with J2), BACC45FT22-55S7 (to mate with J3), BACC45FT16-10S (to mate with J4), and BACC45FT16-24S6 (to mate with J5). Boeing breakout box A33003-2 with cables A33003-59, -60, -25, and -27 and adapter A33003-202 may be used. Connect breakout box and cables as follows:

<u>Breakout Box Connector</u>	<u>Adapter cable</u>	<u>Cable</u>	<u>Panel Connector</u>
B		-25	J4
C		-27	J5
D	-202	-60	J3
E		-59	J2

 2. Functional Test

A. Connect module and test connectors.

NOTE: Switches S1 and S2 (P/N S231T290-1007) are momentary switches with a relamp lockout feature requiring the proper switch master module. If S1 or S2 is reworked, verify that switch contains a master module with relamp lockout feature, per vendor service information.

B. See Fig. 101 for component locations and perform test steps listed in Table 101.

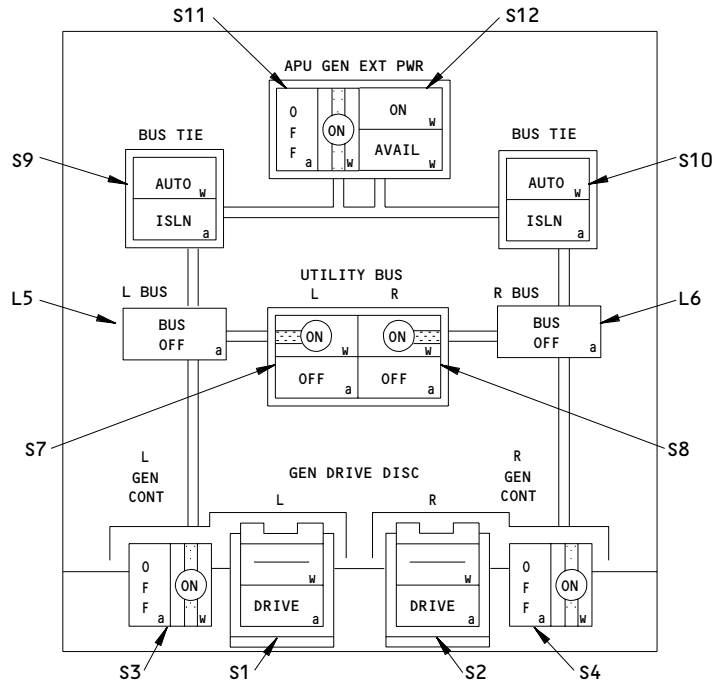
24-22-71

TESTING & TROUBLE SHOOTING

01.1

Page 101

Jul 01/02



Component Locations
 Figure 101

57771

24-22-71



BOEING
COMPONENT
MAINTENANCE MANUAL

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS																												
	<p><u>NOTE:</u> Switches S1, S2, and S12 are momentary action while others are alternate action switches.</p> <p>For each of pair pins listed below, do the following test step:</p> <p>(1) Verify a continuity (3 ohms max) or an open circuit (15 Kohms min) between two pins when switch condition is specified.</p> <table border="1" data-bbox="282 682 922 1354"> <thead> <tr> <th>First Pin</th> <th>Second Pin</th> <th>Switch No.</th> <th>Switch Condition</th> </tr> </thead> <tbody> <tr> <td>J4-6</td> <td>J4-5</td> <td>S1</td> <td>Depressed and Held Released</td> </tr> <tr> <td>J4-6</td> <td>J4-1</td> <td>S1</td> <td>Depressed and Held Released</td> </tr> <tr> <td>J4-10</td> <td>J4-4</td> <td>S2</td> <td>Depressed and Held Released</td> </tr> <tr> <td>J4-10</td> <td>J4-3</td> <td>S2</td> <td>Depressed and Held Released</td> </tr> <tr> <td>J3-27</td> <td>J3-26</td> <td>S12</td> <td>Depressed and Held Released</td> </tr> <tr> <td>J3-39</td> <td>J3-37</td> <td>S12</td> <td>Depressed and Held Released</td> </tr> </tbody> </table>	First Pin	Second Pin	Switch No.	Switch Condition	J4-6	J4-5	S1	Depressed and Held Released	J4-6	J4-1	S1	Depressed and Held Released	J4-10	J4-4	S2	Depressed and Held Released	J4-10	J4-3	S2	Depressed and Held Released	J3-27	J3-26	S12	Depressed and Held Released	J3-39	J3-37	S12	Depressed and Held Released		
First Pin	Second Pin	Switch No.	Switch Condition																												
J4-6	J4-5	S1	Depressed and Held Released																												
J4-6	J4-1	S1	Depressed and Held Released																												
J4-10	J4-4	S2	Depressed and Held Released																												
J4-10	J4-3	S2	Depressed and Held Released																												
J3-27	J3-26	S12	Depressed and Held Released																												
J3-39	J3-37	S12	Depressed and Held Released																												

Functional Test
Table 101 (Sheet 1)

24-22-71

STEP NO.	PROCEDURE				REQUIRED RESULTS	SUSPECTED COMPONENTS
7	J3-39	J3-38	S12	Depressed and Held Released	Continuity Open	S12
8	J2-19	J2-22	S3	Depressed Released	Open Continuity	S3
9	J2-19	J2-21	S3	Depressed Released	Continuity Open	S3
10	J2-19	J2-18	S3	Depressed Released	Continuity Continuity	S3
11	J2-19	J2-20	S3	Depressed Released	Continuity Continuity	S3
12	J2-17	J2-15	S3	Depressed Released	Open Continuity	S3
13	J2-17	J2-16	S3	Depressed Released	Continuity Open	S3
14	J3-10	J3-24	S4	Depressed Released	Open Continuity	S4
15	J3-10	J3-11	S4	Depressed Released	Continuity Open	S4

Functional Test
 Table 101 (Sheet 2)

24-22-71


BOEING
 COMPONENT
 MAINTENANCE MANUAL

STEP NO.	PROCEDURE				REQUIRED RESULTS	SUSPECTED COMPONENTS
16	J3-12	J3-13	S4	Depressed Released	Open Continuity	S4
17	J3-12	J3-14	S4	Depressed Released	Continuity Open	S4
18	J2-19	J2-30	S9	Depressed Released	Open Continuity	S9
19	J2-19	J2-31	S9	Depressed Released	Continuity Open	S9
20	J2-32	J2-33	S9	Depressed Released	Open Continuity	S9
21	J2-40	J2-38	S9	Depressed Released	Open Continuity	S9
22	J2-40	J2-39	S9	Depressed Released	Continuity Open	S9
23	J2-29	J2-28	S9	Depressed Released	Open Continuity	S9
24	J2-29	J2-41	S9	Depressed Released	Continuity Open	S9

Functional Test
 Table 101 (Sheet 3)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 105
 Jul 01/01

STEP NO.	PROCEDURE				REQUIRED RESULTS	SUSPECTED COMPONENTS
25	J2-32	J2-14	S9 S10	Depressed Depressed	Continuity	S9,S10
26	J2-32	J2-14	S10	Released (S9 still Depressed)	Open	S9,S10
27	J2-32	J2-36	S10	Depressed (S9 still Depressed)	Open	S10,S9
28	J2-32	J2-36	S10	Released (S9 still Depressed)	Continuity	S10,S9
29	J2-32	J2-36	S9 S10	Released (S10 still Released)	Open	S10,S9
30	J3-10	J3-33	S10	Depressed Released	Open Continuity	S10
31	J3-10	J3-32	S10	Depressed Released	Continuity Open	S10
32	J3-10	J3-23	S10	Depressed Released	Continuity Continuity	S10
33	J3-10	J3-9	S10	Depressed Released	Continuity Continuity	S10
34	J3-43	J3-41	S10	Depressed Released	Open Continuity	S10

Functional Test
 Table 101 (Sheet 4)

24-22-71


BOEING
 COMPONENT
 MAINTENANCE MANUAL

STEP NO.	PROCEDURE				REQUIRED RESULTS	SUSPECTED COMPONENTS
35	J3-43	J3-42	S10	Depressed Released	Continuity Open	S10
36	J3-34	J3-36	S10	Depressed Released	Open Continuity	S10
37	J3-34	J3-40	S10	Depressed Released	Continuity Open	S10
38	J5-13	J5-8	S11	Depressed Released	Open Continuity	S11
39	J5-13	J5-20	S11	Depressed Released	Continuity Open	S11
40	J5-13	J5-14	S11	Depressed Released	Continuity Continuity	S11
41	J5-13	J5-6	S11	Depressed Released	Continuity Continuity	S11
42	J5-11	J5-12	S11	Depressed Released	Open Continuity	S11
43	J5-11	J5-9	S11	Depressed Released	Continuity Open	S11
44	J5-1	J5-2	S11	Depressed Released	Open Continuity	S11

Functional Test
 Table 101 (Sheet 5)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 107
 Jul 01/01

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS
	<u>For P/N 233N3209-305 thru -309,-314,-1305 thru -1309; 233N6252-10 thru -16, and 233T3100-275 (make with 233N3209-45 or -47)</u>		
45	J2-42 J2-10 S7 Depressed Released	Continuity Open	S7,K1
46	J2-42 J2-8 S7 Depressed Released	Continuity Continuity	S7,K1
	<u>For All Assemblies</u>		
47	J2-9 J2-12 S7 Depressed Released	Open Continuity	S7,K1
48	J2-8 J2-10 S7 Depressed Released	Continuity Open	S7,K1
49	J2-49 J2-47 S7 Depressed Released	Open Continuity	S7,K1
50	J2-49 J2-48 S7 Depressed Released	Continuity Open	S7,K1
51	J2-7 J2-34 S7 Depressed Released	Continuity Open	S7,K1
	<u>For P/N 233N3209-304 thru -309,-314,-1304 thru -1309; 233N6252-10 thru -16, and 233T3100-275 (make with 233N3209-45 or -47)</u>		
52	J3-22 J3-19 S8 Depressed Released	Continuity Open	S8,K2
53	J3-8 J3-22 S8 Depressed Released	Continuity Continuity	S8,K2

Functional Test
 Table 101 (Sheet 6)

24-22-71


BOEING
 COMPONENT
 MAINTENANCE MANUAL

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS
	<u>For All Assemblies</u>		
54	J3-8 J3-19 S8 Depressed Released	Continuity Open	S8,K2
55	J3-18 J3-7 S8 Depressed Released	Continuity Open	S8,K2
56	J3-6 J3-17 S8 Depressed Released	Continuity Open	S8,K2
57	J2-37 J2-12 S8 Depressed Released	Open continuity	S8,K2
58	Connect J2-12 to ground.		
59	Apply 28 ±0.5v dc, 500 mA to J2-6 to energize K1 relay. For each of pair pins listed below, do the following test step: (1) Verify a continuity (3 ohms max) or an open circuit (15 Kohms min) between two pins when switch condition is specified.		

Functional Test
Table 101 (Sheet 7)

24-22-71

TESTING & TROUBLE SHOOTING
01.1 Page 109
Mar 01/02

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS
	<u>For P/N 233N3209-305 thru -309, -314, -1305 thru -1309; 233N6252-10 thru -16, and 233T3100-275 (make with 233N3209-45 or -47)</u>		
60	J2-42 J2-10 S7 Depressed Released	Continuity Open	S7,K1
61	J2-42 J2-8 S7 Depressed Released	Open Open	S7,K1
	<u>For P/N 233N3209-14, -19, -23, -28, -302, -305, -312, -1014, -1019, -1023, -1028, -1302, -1305, -1311, -1313; 233N6252-15, -16, and 233T3100-217, -235</u>		
62	J2-49 J2-47 S7 Depressed Released	Open Open	S7,K1
63	J2-49 J2-48 S7 Depressed Released	Open Open	S7,K1
	<u>For All Assemblies</u>		
64	J2-9 J2-12 S7 Depressed Released	Continuity Continuity	S7,K1
65	J2-8 J2-10 S7 Depressed Released	Open Open	S7,K1
66	J2-7 J2-34 S7 Depressed Released	Open Open	S7,K1
67	Remove 28v dc from J2-6 to de-energize K1 relay.		
68	Apply 28 ±0.5v dc, 500 mA to J2-24 to energize K2 relay.		

Functional Test
Table 101 (Sheet 8)

24-22-71


BOEING
 COMPONENT
 MAINTENANCE MANUAL

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS
	<p>For each of pair pins listed below, do the following test step:</p> <p>(1) Verify a continuity (3 ohms max) or an open circuit (15 Kohms min) between two pins when switch condition is specified.</p> <p><u>For P/N 233N3209-304 thru -309,-314,-1304 thru -1309; 233N6252-10 thru -16, and 233T3100-275 (make with 233N3209-45 or -47)</u></p>		
69	J3-22 J3-19 S8 Depressed Released	Continuity Open	S8,K2
70	J3-8 J3-22 S8 Depressed Released	Open Open	S8,K2
	<u>For All Assemblies</u>		
71	J3-8 J3-19 S8 Depressed Released	Open Open	S8,K2
72	J3-18 J3-7 S8 Depressed Released	Open Open	S8,K2
73	J3-6 J3-17 S8 Depressed Released	Open Open	S8,K2
74	J2-37 J2-12 S8 Depressed Released	Continuity Continuity	S8,K2
75	Remove 28v dc from J2-24 to de-energize K2 relay.		
76	Remove ground from J2-12.		

Functional Test
 Table 101 (Sheet 9)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 111
 Jul 01/04

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS
	<u>For all except P/N 233N3209-300 thru -313,-1300 thru -1315; 233N6252-13,-14,-16, and 233T3100-216,-217,-234,-235,-270,-275</u>		
77	Verify the resistance between J2-1 and the center of power connector J1.	Continuity	Wiring
78	Verify the resistance between J2-2 and the panel baseplate.	Continuity	Wiring
79	Verify the resistance between J2-1 and J2-2.	Open	Wiring
	<u>For All Assemblies</u>		
	Verify the resistance between the following pins:		
80	J2-35 J2-6	50 ohms max	CR1
81	J2-35 J2-24	50 ohms max	CR2
82	J2-24 J2-35	100 Kohms min	CR2
83	J2-6 J2-35	100 Kohms min	CR1
84	Apply 5 ±0.3v ac at 400 ±1 Hz to J2-1 and 5v ac return to J2-2.		
	<u>For P/N 233N3209-300 thru -313,-1300 thru -1315; 233N6252-13,-14,-16, and 233T3100-216,-217,-234,-235,-270,-275</u>		
85	Verify the lightplate.	Illuminate	Lightplate

Functional Test
 Table 101 (Sheet 10)

24-22-71



BOEING
COMPONENT
MAINTENANCE MANUAL

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS																								
	<p><u>For All Assemblies</u></p> <p>For each switch listed below, do the following test steps (1) to (4).</p> <p>(1) Depress the switch specified.</p> <p>(2) Verify the display legend of the switch.</p> <p>(3) Release the switch.</p> <p>(4) Verify the display legend of the switch.</p> <table border="1" data-bbox="282 814 922 1129"> <thead> <tr> <th data-bbox="282 814 386 842"><u>SWITCH</u></th> <th data-bbox="386 814 500 842"></th> <th data-bbox="500 814 922 842"><u>DISPLAY LEGEND</u></th> </tr> </thead> <tbody> <tr><td data-bbox="191 877 282 905">86</td><td data-bbox="321 877 386 905">S3</td><td data-bbox="548 877 597 905">ON</td></tr> <tr><td data-bbox="191 905 282 932">87</td><td data-bbox="321 905 386 932">S4</td><td data-bbox="548 905 597 932">ON</td></tr> <tr><td data-bbox="191 932 282 959">88</td><td data-bbox="321 932 386 959">S7</td><td data-bbox="548 932 597 959">ON</td></tr> <tr><td data-bbox="191 959 282 987">89</td><td data-bbox="321 959 386 987">S8</td><td data-bbox="548 959 597 987">ON</td></tr> <tr><td data-bbox="191 987 282 1014">90</td><td data-bbox="321 987 386 1014">S9</td><td data-bbox="548 987 630 1014">AUTO</td></tr> <tr><td data-bbox="191 1014 282 1041">91</td><td data-bbox="321 1014 386 1041">S10</td><td data-bbox="548 1014 630 1041">AUTO</td></tr> <tr><td data-bbox="191 1041 282 1068">92</td><td data-bbox="321 1041 386 1068">S11</td><td data-bbox="548 1041 597 1068">ON</td></tr> </tbody> </table>	<u>SWITCH</u>		<u>DISPLAY LEGEND</u>	86	S3	ON	87	S4	ON	88	S7	ON	89	S8	ON	90	S9	AUTO	91	S10	AUTO	92	S11	ON	<p>Illuminate</p> <p>Extinguish</p>	<p>S3 S4 S7 S8 S9 S10 S11</p>
<u>SWITCH</u>		<u>DISPLAY LEGEND</u>																									
86	S3	ON																									
87	S4	ON																									
88	S7	ON																									
89	S8	ON																									
90	S9	AUTO																									
91	S10	AUTO																									
92	S11	ON																									
93	Remove 5v ac connection between J2-1 and J2-2.																										
94	Connect J2-4 to ground.																										
95	Apply 28 ±0.5v dc, 500 mA to J2-3.																										

Functional Test
Table 101 (Sheet 11)

24-22-71

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS																									
	Verify the display legend of the following indicator or switch specified:	Illuminate																										
	<table border="0"> <thead> <tr> <th></th> <th><u>INDICATOR/ SWITCH</u></th> <th><u>DISPLAY LEGEND</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>96</td> <td>L5</td> <td>OFF</td> <td>L5</td> </tr> <tr> <td>97</td> <td>S1</td> <td>DRIVE</td> <td>S1</td> </tr> <tr> <td>98</td> <td>S3</td> <td>OFF</td> <td>S3</td> </tr> <tr> <td>99</td> <td>S9</td> <td>ISLN</td> <td>S9</td> </tr> </tbody> </table>		<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>		96	L5	OFF	L5	97	S1	DRIVE	S1	98	S3	OFF	S3	99	S9	ISLN	S9							
	<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>																										
96	L5	OFF	L5																									
97	S1	DRIVE	S1																									
98	S3	OFF	S3																									
99	S9	ISLN	S9																									
100	Remove ground from J2-4.																											
	Connect one at a time the following pins to ground and verify the display legend of the indicator or switch specified. Make sure to remove ground from the pin after each test step.	Illuminate																										
	<table border="0"> <thead> <tr> <th></th> <th><u>PIN</u></th> <th><u>INDICATOR/ SWITCH</u></th> <th><u>DISPLAY LEGEND</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>101</td> <td>J2-26</td> <td>L5</td> <td>OFF</td> <td>L5</td> </tr> <tr> <td>102</td> <td>J2-13</td> <td>S1</td> <td>DRIVE</td> <td>S1</td> </tr> <tr> <td>103</td> <td>J2-25</td> <td>S3</td> <td>OFF</td> <td>S3</td> </tr> <tr> <td>104</td> <td>J2-29</td> <td>S9</td> <td>ISLN</td> <td>S9</td> </tr> </tbody> </table>		<u>PIN</u>	<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>		101	J2-26	L5	OFF	L5	102	J2-13	S1	DRIVE	S1	103	J2-25	S3	OFF	S3	104	J2-29	S9	ISLN	S9		
	<u>PIN</u>	<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>																									
101	J2-26	L5	OFF	L5																								
102	J2-13	S1	DRIVE	S1																								
103	J2-25	S3	OFF	S3																								
104	J2-29	S9	ISLN	S9																								
105	Remove 28v dc from J2-3.																											
106	Connect J2-4 to ground.																											
107	Apply 28 ±0.5v dc, 500 mA to J3-31.																											

Functional Test
 Table 101 (Sheet 12)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 114
 Mar 01/02


BOEING
 COMPONENT
 MAINTENANCE MANUAL

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS																														
	Verify the display legend of the following indicator or switch specified:	Illuminate																															
	<table border="0"> <thead> <tr> <th></th> <th><u>INDICATOR/ SWITCH</u></th> <th><u>DISPLAY LEGEND</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>108</td> <td>L6</td> <td>OFF</td> <td>L6</td> </tr> <tr> <td>109</td> <td>S2</td> <td>DRIVE</td> <td>S2</td> </tr> <tr> <td>110</td> <td>S4</td> <td>OFF</td> <td>S4</td> </tr> <tr> <td>111</td> <td>S10</td> <td>ISLN</td> <td>S10</td> </tr> <tr> <td>112</td> <td>S11</td> <td>OFF</td> <td>S11</td> </tr> </tbody> </table>		<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>		108	L6	OFF	L6	109	S2	DRIVE	S2	110	S4	OFF	S4	111	S10	ISLN	S10	112	S11	OFF	S11								
	<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>																															
108	L6	OFF	L6																														
109	S2	DRIVE	S2																														
110	S4	OFF	S4																														
111	S10	ISLN	S10																														
112	S11	OFF	S11																														
113	Remove ground from J2-4.																																
	Connect one at a time the following pins to ground and verify the display legend of the indicator or switch specified. Make sure to remove ground from the pin after each test step.	Illuminate																															
	<table border="0"> <thead> <tr> <th></th> <th><u>PIN</u></th> <th><u>INDICATOR/ SWITCH</u></th> <th><u>DISPLAY LEGEND</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>114</td> <td>J3-35</td> <td>L6</td> <td>OFF</td> <td>L6</td> </tr> <tr> <td>115</td> <td>J3-28</td> <td>S2</td> <td>DRIVE</td> <td>S2</td> </tr> <tr> <td>116</td> <td>J3-15</td> <td>S4</td> <td>OFF</td> <td>S4</td> </tr> <tr> <td>117</td> <td>J3-34</td> <td>S10</td> <td>ISLN</td> <td>S10</td> </tr> <tr> <td>118</td> <td>J5-10</td> <td>S11</td> <td>OFF</td> <td>S11</td> </tr> </tbody> </table>		<u>PIN</u>	<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>		114	J3-35	L6	OFF	L6	115	J3-28	S2	DRIVE	S2	116	J3-15	S4	OFF	S4	117	J3-34	S10	ISLN	S10	118	J5-10	S11	OFF	S11		
	<u>PIN</u>	<u>INDICATOR/ SWITCH</u>	<u>DISPLAY LEGEND</u>																														
114	J3-35	L6	OFF	L6																													
115	J3-28	S2	DRIVE	S2																													
116	J3-15	S4	OFF	S4																													
117	J3-34	S10	ISLN	S10																													
118	J5-10	S11	OFF	S11																													
119	Remove 28v dc from J3-31.																																
120	Apply 28 ±0.5v dc, 500 mA to J2-27.																																

Functional Test
 Table 101 (Sheet 13)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 115
 Mar 01/02

STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS												
	<p>Connect one at a time the following pins to ground and verify the display legend of switch S7. Make sure to remove ground from the pin after each test step.</p> <table border="0"> <thead> <tr> <th></th> <th><u>PIN</u></th> <th><u>DISPLAY LEGEND</u></th> </tr> </thead> <tbody> <tr> <td>121</td> <td>J2-5</td> <td>OFF</td> </tr> <tr> <td>122</td> <td>J2-23</td> <td>OFF</td> </tr> <tr> <td>123</td> <td>J2-11</td> <td>OFF</td> </tr> </tbody> </table> <p>124 Remove 28v dc from J2-27.</p> <p>125 Apply 28 ±0.5v dc, 500 mA to J3-1.</p>		<u>PIN</u>	<u>DISPLAY LEGEND</u>	121	J2-5	OFF	122	J2-23	OFF	123	J2-11	OFF	Illuminate	S7
	<u>PIN</u>	<u>DISPLAY LEGEND</u>													
121	J2-5	OFF													
122	J2-23	OFF													
123	J2-11	OFF													
	<p>Connect one at a time the following pins to ground and verify the display legend of switch S8. Make sure to remove ground from the pin after each test step.</p> <table border="0"> <thead> <tr> <th></th> <th><u>PIN</u></th> <th><u>DISPLAY LEGEND</u></th> </tr> </thead> <tbody> <tr> <td>126</td> <td>J3-5</td> <td>OFF</td> </tr> <tr> <td>127</td> <td>J3-16</td> <td>OFF</td> </tr> <tr> <td>128</td> <td>J3-2</td> <td>OFF</td> </tr> </tbody> </table> <p>129 Remove 28v dc from J3-1.</p> <p>130 Apply 28 ±0.5v dc, 500 mA to J3-3.</p>		<u>PIN</u>	<u>DISPLAY LEGEND</u>	126	J3-5	OFF	127	J3-16	OFF	128	J3-2	OFF	Illuminate	S8
	<u>PIN</u>	<u>DISPLAY LEGEND</u>													
126	J3-5	OFF													
127	J3-16	OFF													
128	J3-2	OFF													

Functional Test
 Table 101 (Sheet 14)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 116
 Mar 01/02

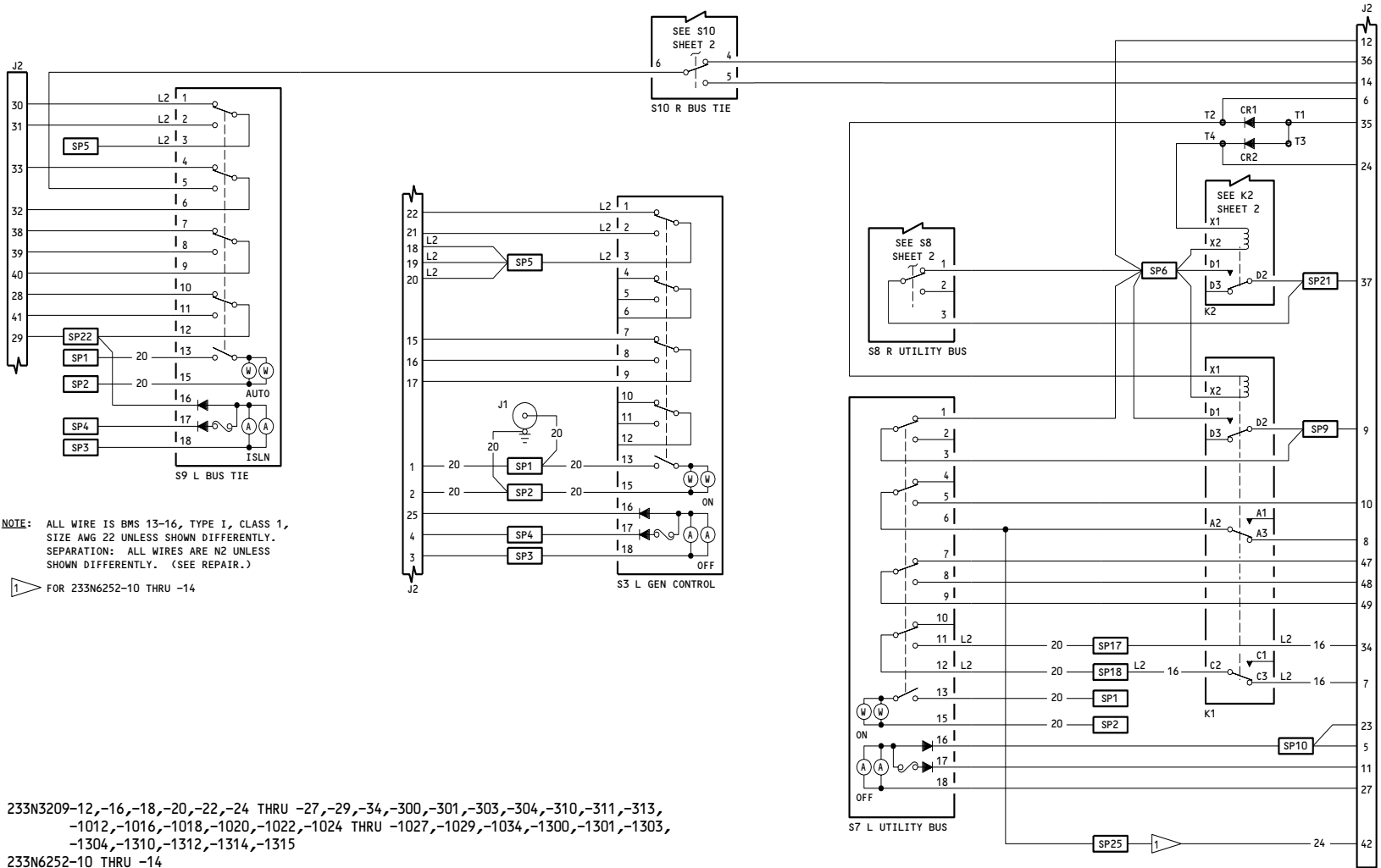


BOEING
 COMPONENT
 MAINTENANCE MANUAL

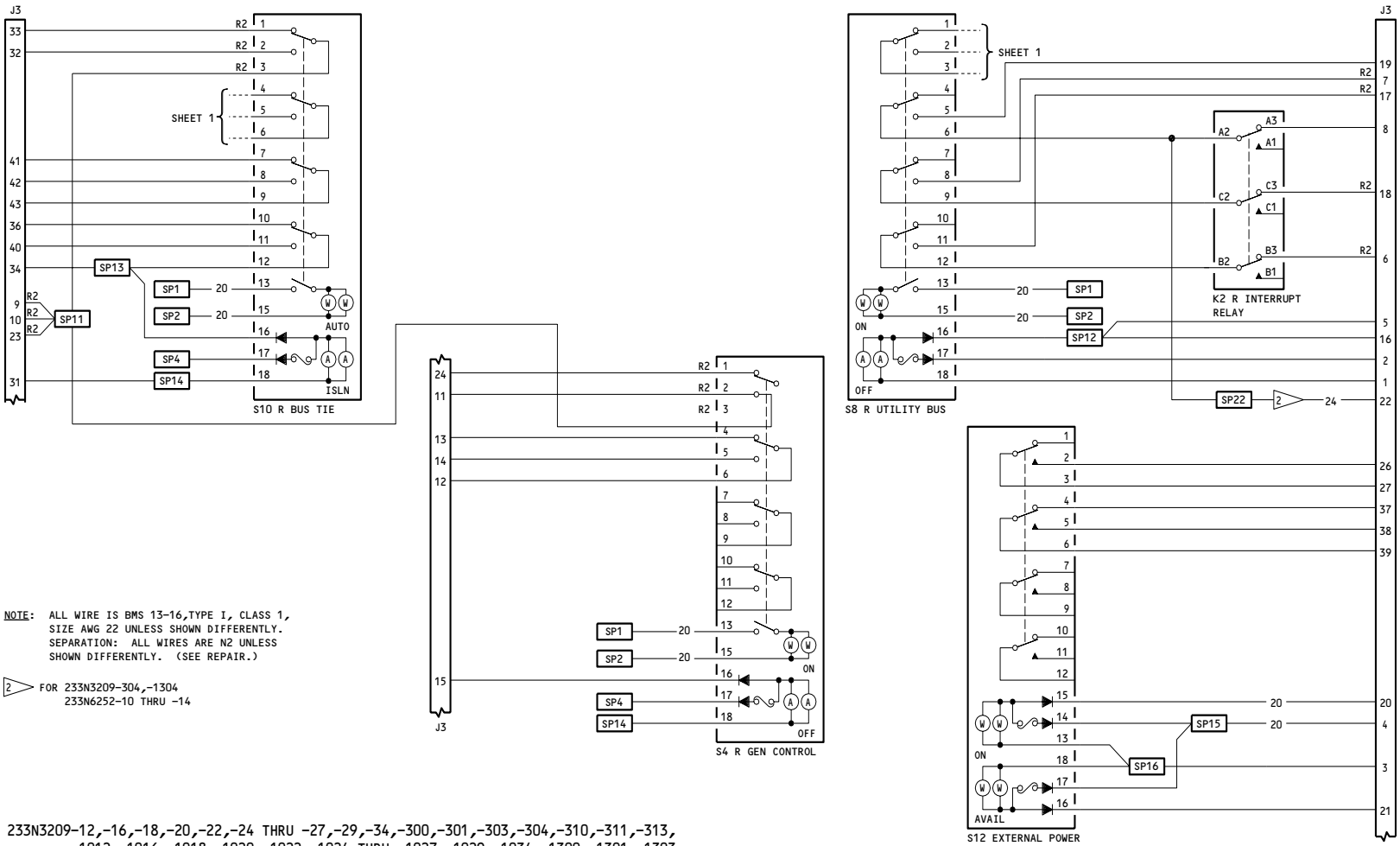
STEP NO.	PROCEDURE	REQUIRED RESULTS	SUSPECTED COMPONENTS								
131 132 133	<p>Connect one at a time the following pins to ground and verify the display legend of switch S12. Make sure to remove ground from the pin after each test step.</p> <table border="0"> <tr> <td style="text-align: center;"><u>PIN</u></td> <td style="text-align: center;"><u>DISPLAY LEGEND</u></td> </tr> <tr> <td>J3-21</td> <td>AVAIL</td> </tr> <tr> <td>J3-20</td> <td>ON</td> </tr> <tr> <td>J3-4</td> <td>ON, AVAIL</td> </tr> </table> <p>Remove all connections.</p> <p>END OF TEST</p>	<u>PIN</u>	<u>DISPLAY LEGEND</u>	J3-21	AVAIL	J3-20	ON	J3-4	ON, AVAIL	Illuminate	S12
<u>PIN</u>	<u>DISPLAY LEGEND</u>										
J3-21	AVAIL										
J3-20	ON										
J3-4	ON, AVAIL										

Functional Test
 Table 101 (Sheet 15)

24-22-71

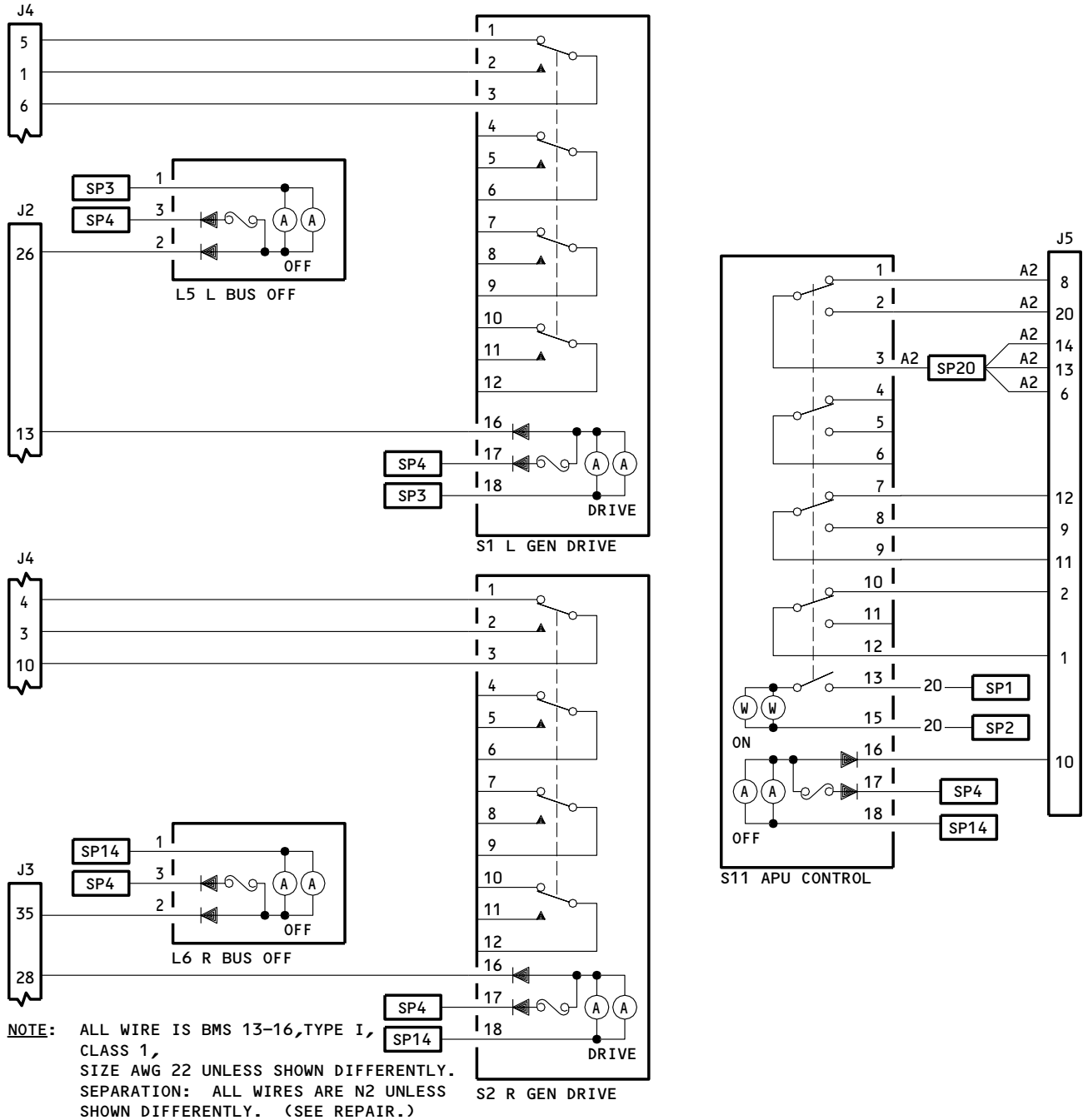


Schematic Diagram
Figure 102 (Sheet 1)



233N3209-12,-16,-18,-20,-22,-24 THRU -27,-29,-34,-300,-301,-303,-304,-310,-311,-313,-1012,-1016,-1018,-1020,-1022,-1024 THRU -1027,-1029,-1034,-1300,-1301,-1303,-1304,-1310,-1312,-1314,-1315
 233N6252-10 THRU -14
 233T3100-216,-234,-270,-275 (MAKE WITH 233N3209-25),-295

Schematic Diagram
 Figure 102 (Sheet 2)

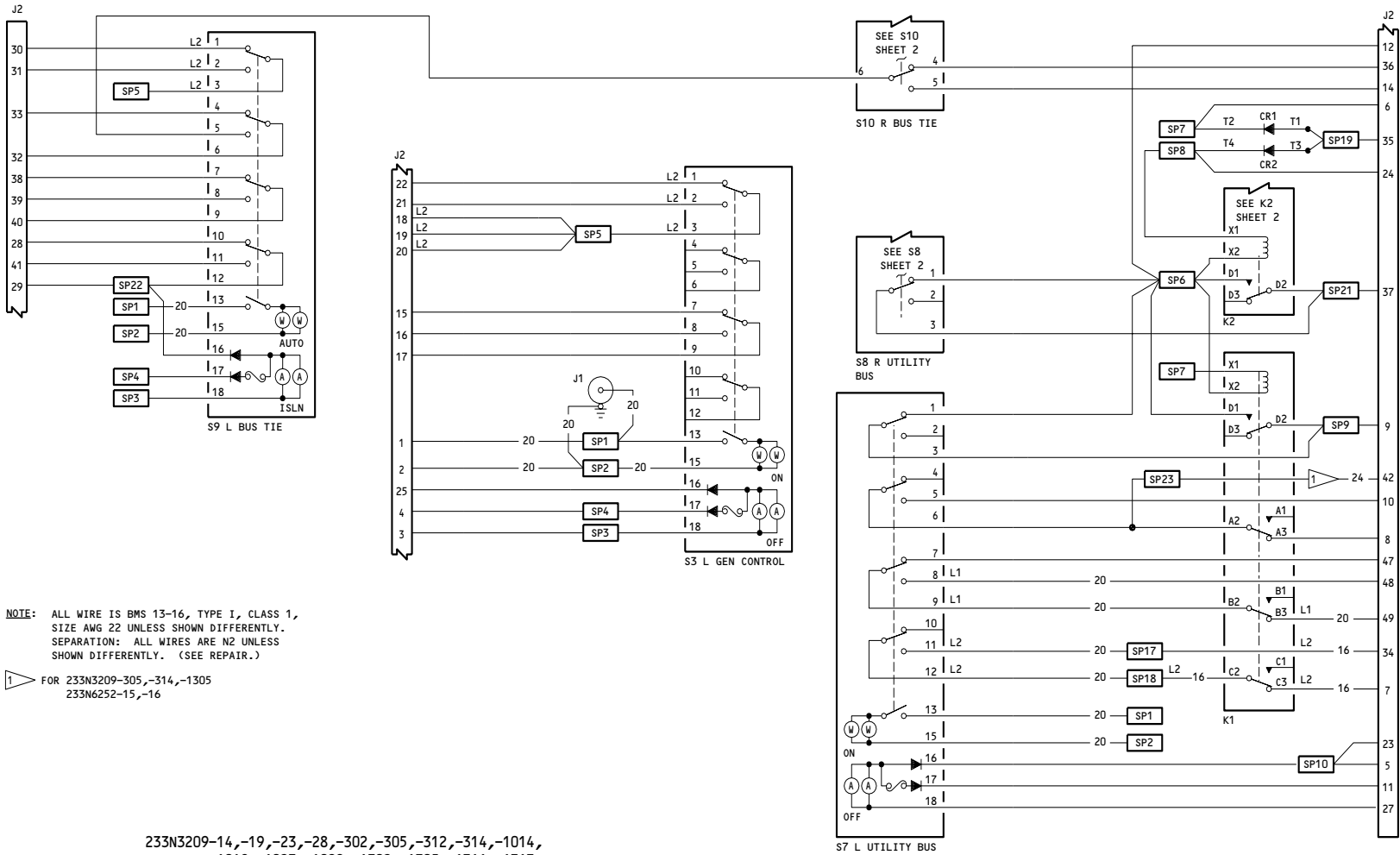


233N3209-12,-16,-18,-20,-22,-24 THRU -27,-29,-34,-300,-301,-303,-304,-310,-311,
 -313,-1012,-1016,-1018,-1020,-1022,-1024 THRU -1027,-1029,-1034,
 -1300,-1301,-1303,-1304,-1310,-1312,-1314,-1315
 233N6252-10 THRU -14
 233T3100-216,-234,-270,-275 (MAKE WITH 233N3209-25),-295

Schematic Diagram
 Figure 102 (Sheet 3)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 123
 Jul 01/04

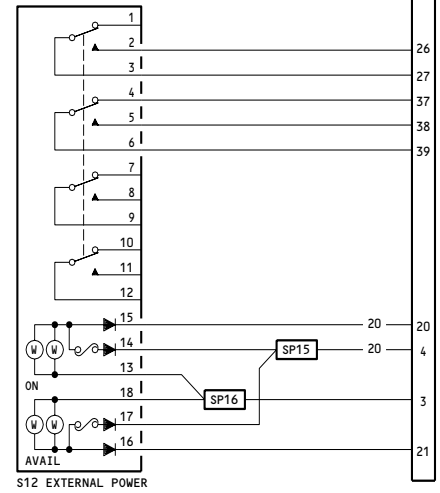
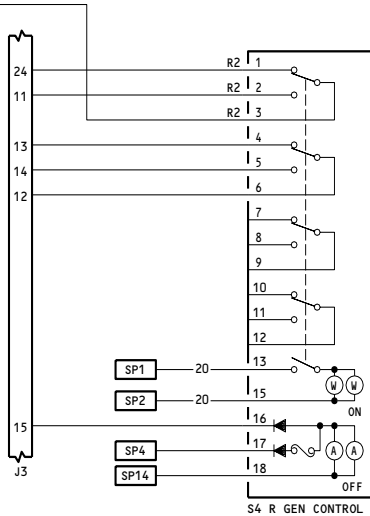
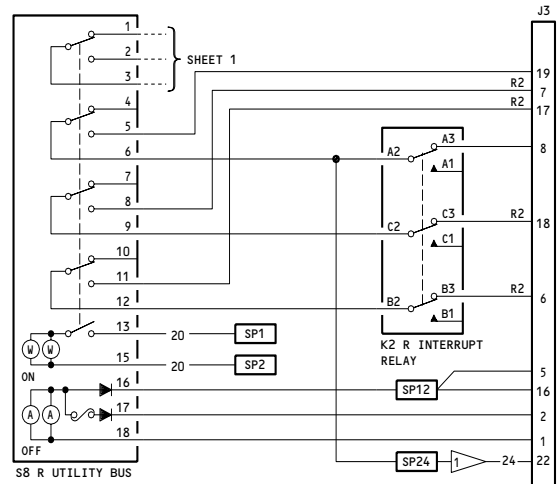
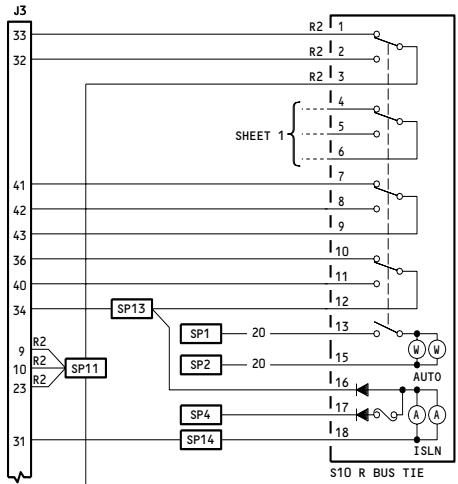


NOTE: ALL WIRE IS BMS 13-16, TYPE I, CLASS 1, SIZE AWG 22 UNLESS SHOWN DIFFERENTLY. SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

FOR 233N3209-305,-314,-1305
233N6252-15,-16

233N3209-14,-19,-23,-28,-302,-305,-312,-314,-1014,
-1019,-1023,-1028,-1302,-1305,-1311,-1313
233N6252-15,-16
233T3100-217,-235

Schematic Diagram
Figure 103 (Sheet 1)

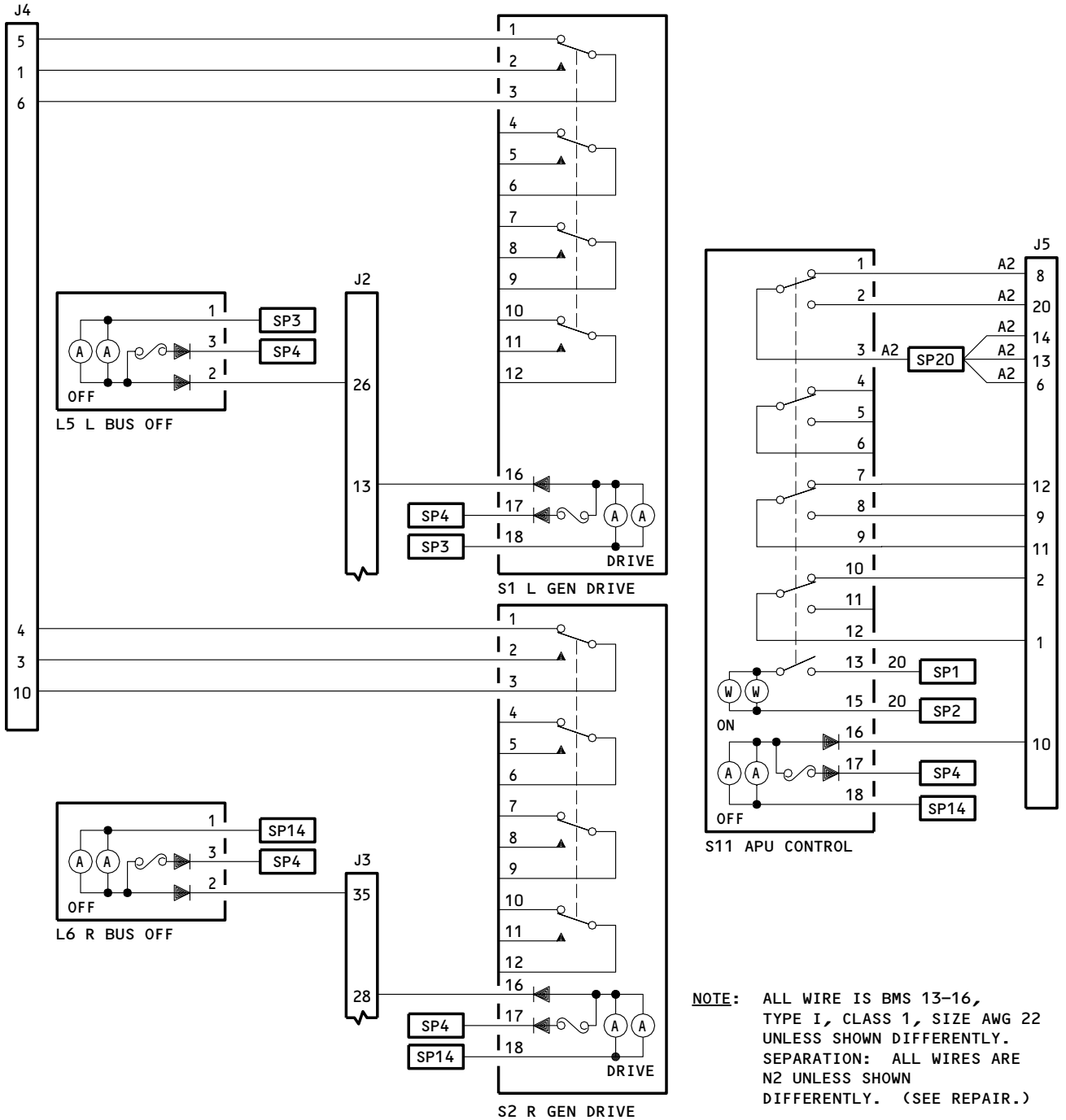


NOTE: ALL WIRE IS BMS 13-16, TYPE I, CLASS 1, SIZE AWG 22 UNLESS DIFFERENTLY.
SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

FOR 233N3209-305,-314,-1305
233N6252-15,-16

233N3209-14,-19,-23,-28,-302,-305,-312,-314,-1014,-1019,-1023,-1028,-1302,-1305,-1311,-1313
233N6252-15,-16
233T3100-217,-235

Schematic Diagram
Figure 103 (Sheet 2)

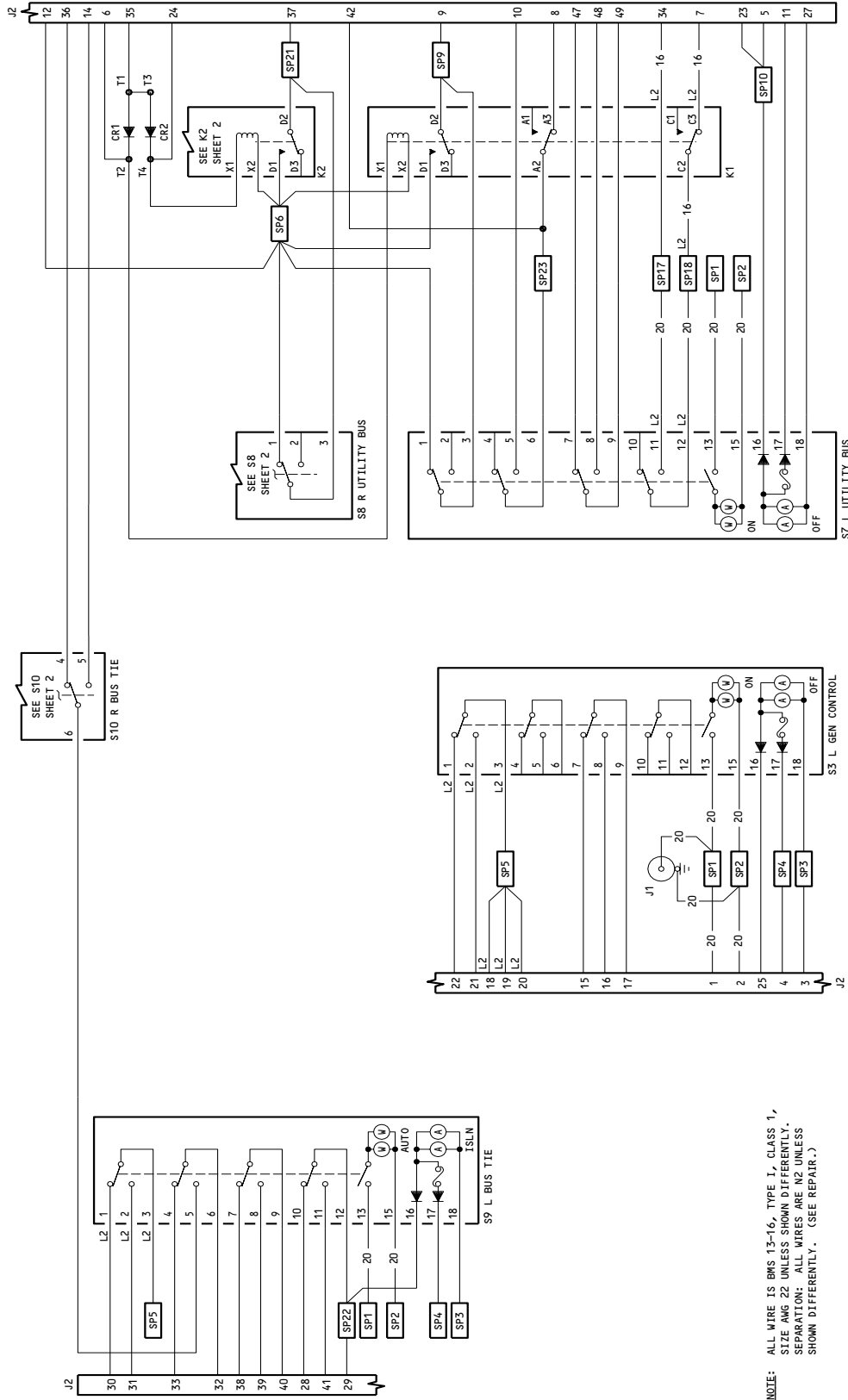


233N3209-14,-19,-23,-28,-302,-305,-312,-314,-1014,
 -1019,-1023,-1028,-1302,-1305,-1311,-1313
 233N6252-15,-16
 233T3100-217,-235

Schematic Diagram
 Figure 103 (Sheet 3)

24-22-71

BOEING
COMPONENT
MAINTENANCE MANUAL

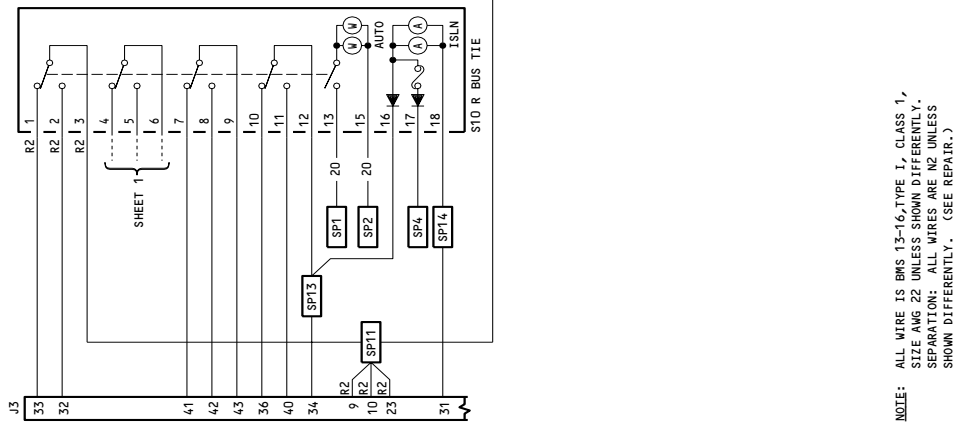
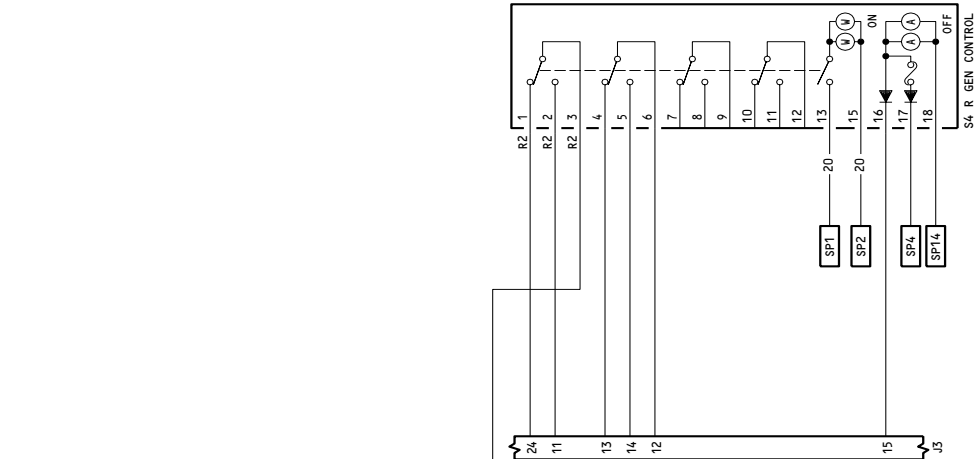
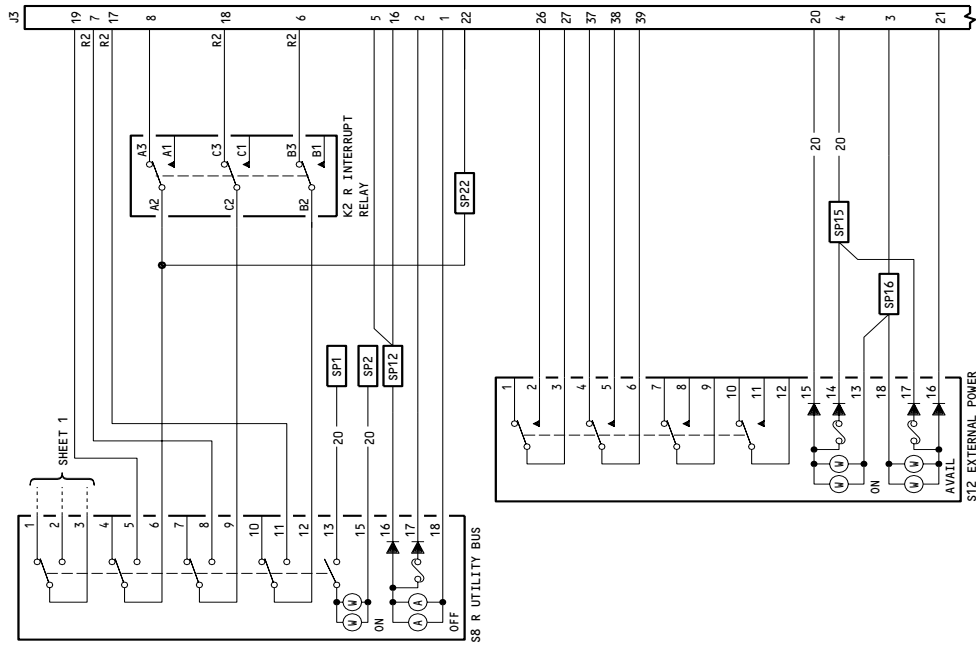


NOTE: ALL WIRE IS BMS T3-16, TYPE I, CLASS 1, SIZE AWG 22 UNLESS SHOWN DIFFERENTLY. SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

233N3209-306,-307,-1306,-1307
 233T3100-275 (MAKE WITH 233N3109-45)

Schematic Diagram
 Figure 104 (Sheet 1)

BOEING COMPONENT MAINTENANCE MANUAL

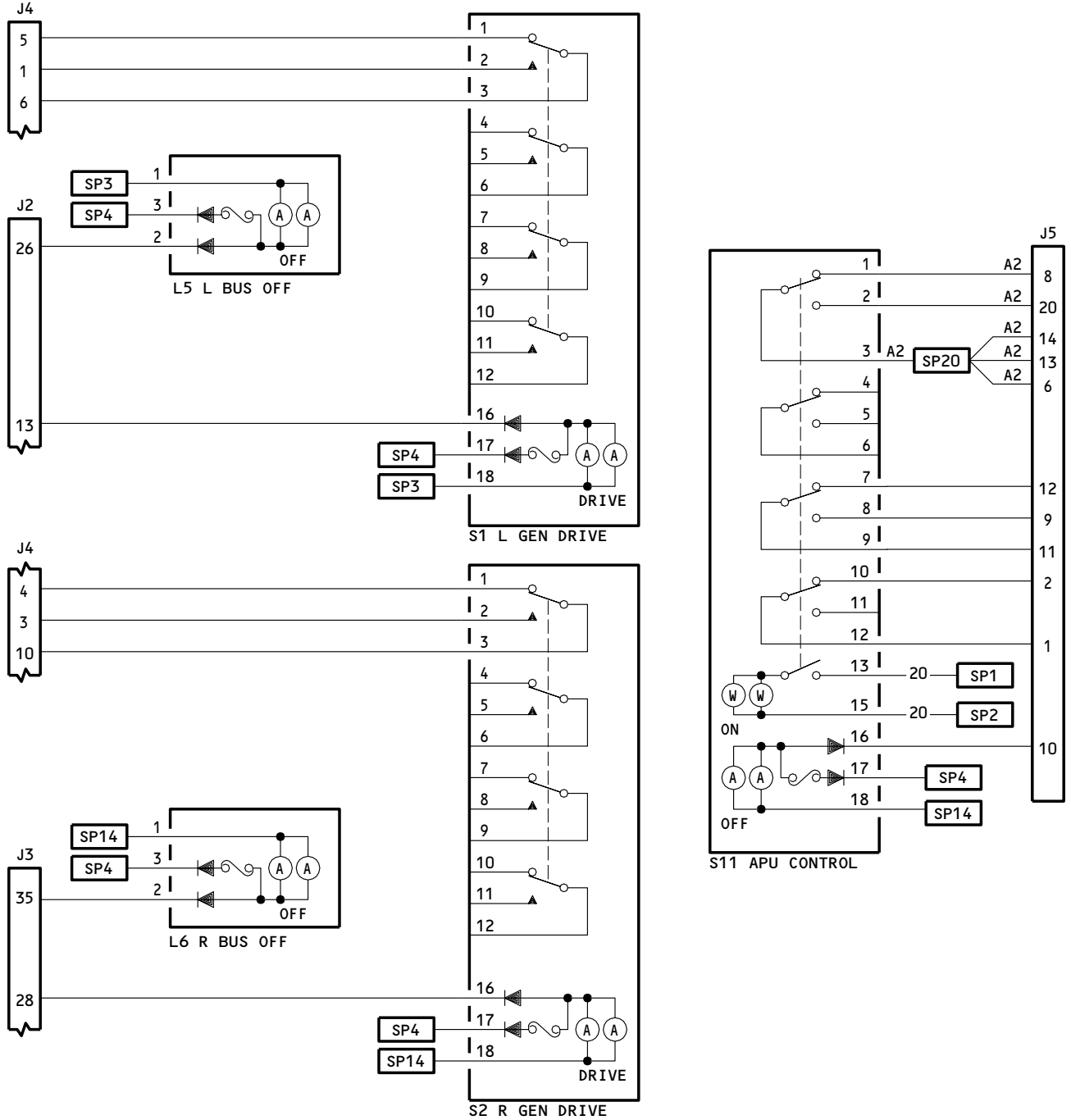


NOTE: ALL WIRE IS BMS 13-16 TYPE I, CLASS 1, SIZE AWG 22 UNLESS SHOWN DIFFERENTLY. SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

233N3209-306,-307,-1306,-1307
23313100-275 (MAKE WITH 233N3209-45)

Schematic Diagram
Figure 104 (Sheet 2)

24-22-71



NOTE: ALL WIRE IS BMS 13-16, TYPE I, CLASS 1, SIZE AWG 22 UNLESS SHOWN DIFFERENTLY.
 SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

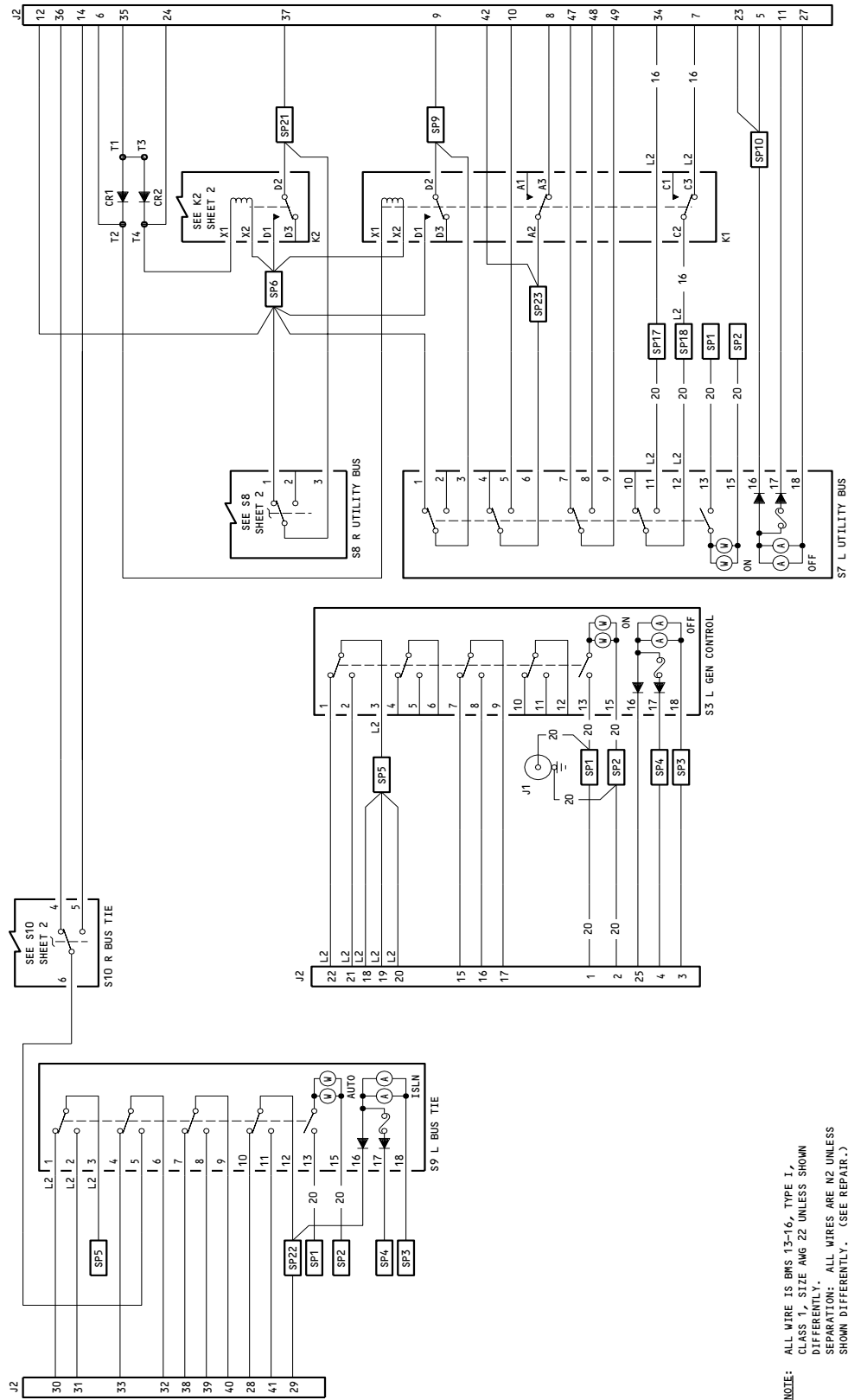
233N3209-306, -307, -1306, -1307
 233T3100-275 (MAKE WITH 233N3209-45)

Schematic Diagram
 Figure 104 (Sheet 3)

24-22-71

TESTING & TROUBLE SHOOTING
 01.1 Page 135
 Jul 01/03

BOEING COMPONENT MAINTENANCE MANUAL



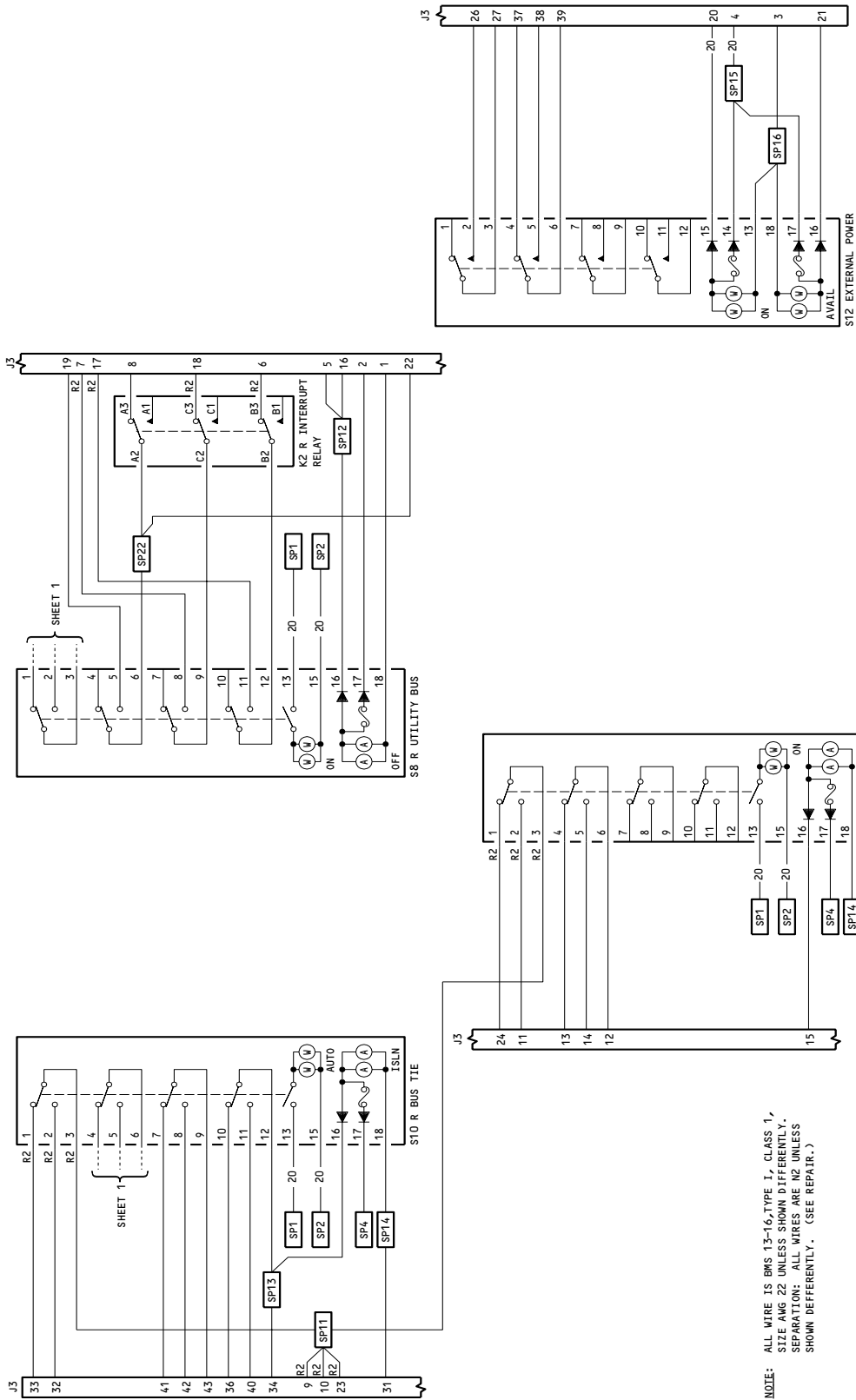
NOTE: ALL WIRE IS BMS 13-16, TYPE I,
CLASS 1, SIZE AMG 22 UNLESS SHOWN
DIFFERENTLY.
SEPARATION: ALL WIRES ARE M2 UNLESS
SHOWN DIFFERENTLY. (SEE REPAIR.)

233N3209-308,-309,-1308,-1309
23313100-275 (MAKE WITH 233N3209-47)

Schematic Diagram
Figure 105 (Sheet 1)

24-22-71

BOEING COMPONENT MAINTENANCE MANUAL

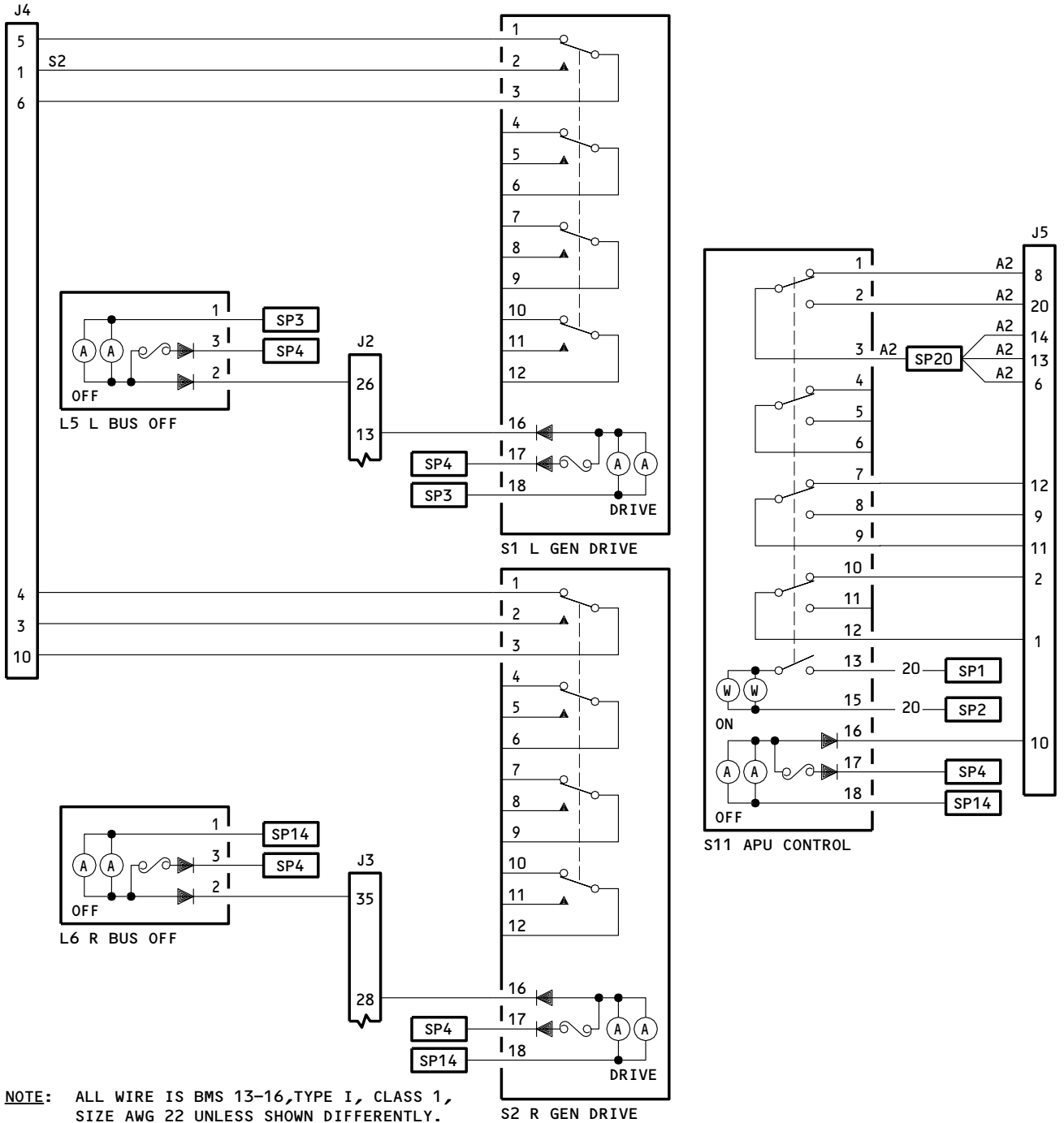


NOTE: ALL WIRE IS BMS 13-16, TYPE 1, CLASS 1, SIZE ANG 22 UNLESS SHOWN DIFFERENTLY. SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

233N3209-308,-309,-1308,-1309
233T3100-275 (MAKE WITH 233N3209-47)

Schematic Diagram
Figure 105 (Sheet 2)

24-22-71



NOTE: ALL WIRE IS BMS 13-16, TYPE I, CLASS 1, SIZE AWG 22 UNLESS SHOWN DIFFERENTLY.
 SEPARATION: ALL WIRES ARE N2 UNLESS SHOWN DIFFERENTLY. (SEE REPAIR.)

233N3209-308, -309, -1308, -1309
 233T3100-275 (MAKE WITH 233N3209-47)

Schematic Diagram
 Figure 105 (Sheet 3)

24-22-71

**BOEING**
COMPONENT
MAINTENANCE MANUALREPAIR1. Materials

A. Varglas non-fray type H0 or HP sleeving (Varflex Corp., 512 W. Court Street, Rome, New York, 13440)

2. All repairs may be accomplished with the standard industry practices and procedures contained in 20-11-05 except as listed below.

A. When replacing wires, a minimum spacing of one-quarter inch must be maintained between bundle categories A2, L2, R2, and S2 (see schematic). Wires labeled N2 may be bundled with wires of any category. Separators 63-9273-2 or Varglas non-fray type H0 or HP sleeving may be used to assure proper spacing. Bundles must be color coded as follows: A2 (orange), L2 (red), N2 (white), R2 (green), and S2 (blue).

B. When you replace the Korry lighted pushbutton switch, make sure that you use the switch with the letter "D" imprinted on the master module of the switch. The Korry part number of the master module with the configuration "D" marked is 13202-001.

24-22-71

REPAIR-GENERAL

01.1

Page 601

Jul 01/03

ILLUSTRATED PARTS LIST

1. This section lists and illustrates replaceable or repairable component parts. The Illustrated Parts Catalog contains a complete explanation of the Boeing part numbering system.
2. Indentures show parts relationships as follows:
 - Assembly
 - Detail Parts for Assembly
 - Subassembly
 - Attaching Parts for Subassembly
 - Detail Parts for Subassembly
 - Detail Installation Parts (Included only if installation parts may be returned to shop as part of assembly)
3. One use code letter (A, B, C, etc.) is assigned in the EFF CODE column for each variation of top assembly. All listed parts are used on all top assemblies except when limitations are shown by use code letter opposite individual part entries.
4. Letter suffixes (alpha-variants) are added to item numbers for optional parts, Service Bulletin modification parts, configuration differences (except left- and right-hand parts), product improvement parts, and parts added between two sequential item numbers. The alpha-variant is not shown on illustrations when appearance and location of all variants of the part is the same.
5. Service Bulletin modifications are shown by the notations PRE SB XXXX and POST SB XXXX.
 - A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration differences at detail part level are then shown by use code letter.
 - B. When the top assembly part number is not changed by the Service Bulletin, the notations appear at the detail part level.
6. Parts Interchangeability

Optional (OPT)	The parts are optional to and interchangeable with other parts having the same item number.
Supersedes, Superseded By (SUPSDS, SUPSD BY)	The part supersedes and is not interchangeable with the original part.
Replaces, Replaced By (REPLS, REPLD BY)	The part replaces and is interchangeable with, or is an alternate to, the original part.

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1001
 Apr 01/88

7. The following table may be used to find the interchangeability information for the S231T290 series flight deck pushbutton switches. The corresponding vendor part number is shown in parentheses along with the cage code. The last two digits denoted by 'XX' should match between the old part and interchangeable part numbers. The old part number may be used as a replacement unless noted differently:

<u>Old Part Number</u>	<u>Interchangeable Part Number</u>
S231T290-10XX *[1] (433-673-1001-10XX (V81590))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-11XX *[1] (433-673-1001-11XX (V81590))	S231T290-43XX (4336731004-43XX (V81590))
S231T290-20XX (851-30768-20XX (V96182))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-30XX (851-30768-30XX (V96182))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-31XX (851-30768-31XX (V96182))	S231T290-43XX (4336731004-43XX (V81590))
S231T290-40XX *[1] (433-673-1004-40XX (V81590))	S231T290-42XX (4336731004-42XX (V81590))
S231T290-41XX *[1] (433-673-1004-41XX (V81590))	S231T290-43XX (4336731004-43XX (V81590))

*[1] The old part number may be used as a replacement where the old part number contains configuration "D" master module. See repair section for additional information.

24-22-71


BOEING
 COMPONENT
 MAINTENANCE MANUAL
VENDORS

02660 AMPHENOL CORP INDUSTRIAL TECHNOLOGY DIV
 358 HALL AVENUE PO BOX 384
 WALLINGFORD, CONNECTICUT 06492
 FORMERLY BUNKER RAMO CORP, ELTRA CORP AMPHENOL AND
 AMPHENOL CORP COMM AND IND DIV

05617 IDD AEROSPACE CORP
 18225 NORTHEAST 76TH STREET PO BOX 97056
 REDMOND, WASHINGTON 98073-9756
 FORMERLY FARWEST ELEC INC; FORMERY IN BELLEVUE, WA;
 FORMERLY BELL IND FARWEST MFG DIV; FORMERLY BELL IND
 ILLUMINATED DISPLAYS DIV

08524 DEUTSCH FASTENER CORP SEE CODE V97928

09922 SOURIAU USA INC
 25 GRUMBACHER DR
 YORK, PENNSYLVANNIA 17402-9417
 FORMERLY FRAMATOME CONNECTORS FRANCE

12324 DUPREE INC STAKE FASTENER CO
 14395 RAMONA PO BOX 1797
 CHINO, CALIFORNIA 91708
 FORMERLY DUPREE MFG CO IN SOUTH EL MONTE, CALIFORNIA
 FORMERLY STAKE FASTENER CO DIV OF DUPREE INC

13556 LABINAL COMPONENTS AND SYS CINCH MILITARY AEROSPACE DIV
 8821 SCIENCE CENTER DRIVE
 MINNEAPOLIS, MINNESOTA 55428-3619
 FORMERLY TRW CINCH MFG CO, FORMERLY IN NEW HOPE, MINNESOTA
 FORMERLY CINCH CYLINDRICAL DIV OF LABINAL COMP & SYS

15653 ALOCA GLOBAL FASTEMERS INC DIV KAYNARE PRODUCTS
 800 S STATE COLLEGE BLVD
 FULLERTON, CALIFORNIA 92831-3001
 FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH
 FORMERLY FAIRCHILD FASTENERS KAYNAR DIV

35344 LEACH CORP RELAY DIV SEE LEACH CORP CONTROL PROD DIV V58657

49367 SEE V14283 AMPHENOL CORP.

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1003
 Jul 01/04

VENDORS

51896 SPECTRA LUX CORP
12335 134TH COURT NE
REDMOND, WASHINGTON 98052
FORMERLY IN KIRKLAND, WA

55104 TRI-STAR ELECTRONICS INC
2201 ROSECRANS AVENUE
EL SEGUNDO, CALIFORNIA 90245
FORMERLY IN VENICE, CA; FORMERLY V71771 CORY COMPONENTS

56623 BABCOCK INC
14930 E ALONDRA BLVD
LA MIRADA, CALIFORNIA 90638-5752
FORMERLY IN COSTS MESA, CA & IN ORANGE, CA

58657 LEACH INTERNATIONAL OF NORTH AMERICA
6900 ORANGETHORPE AVE PO BOX 5032
BUENA PARK, CALIFORNIA 90622-5032
FORMERLY LEACH CORP V35344 AND V00614

60119 MONADNOCK CO THE
18301 ARENTH AVENUE
ROWLAND HEIGHTS, CALIFORNIA 91748-1288
FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076
FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV
FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530
FORMERLY IN CITY OF INDUSTRY, CALIFORNIA

72794 DFCI SOLUTIONS INC
425 UNION BLVD
WEST ISLIP, NEW YORK 11795-3116
FORMERLY DZUS FASTENER

72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833
FORMERLY AMERACE CORP ESNA DIV
FORMERLY ELASTIC STOP NUT IN UNION, NJ

77820 ALLIED AMPHENOL PRODUCTS BENDIX CONNECTOR OPERATIONS
40-60 DELAWARE ST
SIDNEY, NEW YORK 13838
FORMERLY BENDIX CORP THE SCINTILLA DIV AND ELECT COMP DIV
FORMERLY BENDIX CORP ELECT CMPNT DIV SANTA ANA PLANT V12143

78290 STRUTHERS-DUNN INC
SOUTH WINDSOR, CONNECTICUT 06074
OBSOLETE - SEE V00213

24-22-71

ILLUSTRATED PARTS LIST
01.1 Page 1004
Jul 01/04

**BOEING**
COMPONENT
MAINTENANCE MANUALVENDORS

81590 KORRY ELECTRONIC INC SUB OF CRITON CORP
901 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON 98109-3515
FORMERLY KORRY, BORIS VB0021 AND KORRY MFG CO

88245 WINCHESTER ELECTRONICS LITTON SYSTEMS INC USECO DIV
13536 SATICOY STREET
VAN NUYS, CALIFORNIA 91409
FORMERLY U.S. ENGINEERING CO V88245 AND LITTON PRECISION
PRODUCTS INC USECO DIV LITTON IND AND LITTON SYSTEMS
INC USECO DIV

96182 EATON CORP AEROSPACE AND COMMERCIAL CONTROLS DIV MSC PROD
1640 MONROVIA
COSTA MESA, CALIFORNIA 92627-4405
FORMERLY MASTER SPECIALITIES CO IN GARDENA, CALIFORNIA

99699 DEUTSCH RELAYS INC
55 ENGINEERS RD
HAUPPAUGE, NEW YORK 11788
FORMERLY DEUTSCH CO ELECTRONIC COMPONENTS DIV DEUTSCH RELAY

24-22-71ILLUSTRATED PARTS LIST
01.1 Page 1005
Jul 01/04

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)

REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
CR1	JANTX1N649-1	1-140A
CR1	JANTX1N649-1	165
CR1	JANTX1N649-1	2-150A
CR1	JANTX1N649-1	180A
CR1	JAN1N649	1-140
CR1	JAN1N649	165A
CR1	JAN1N649	2-150
CR1	JAN1N649	180
CR2	JANTX1N649-1	1-140A
CR2	JANTX1N649-1	165
CR2	JANTX1N649-1	2-150A
CR2	JANTX1N649-1	180A
CR2	JAN1N649	1-140
CR2	JAN1N649	165A
CR2	JAN1N649	2-150
CR2	JAN1N649	180
J1	800-000121-1	1-50
J1	800-000121-1	2-60A
J2	BACC45FN22-55P6	1-115
J2	BACC45FN22-55P6	2-125
J3	BACC45FN22-55P7	1-110
J3	BACC45FN22-55P7	2-120
J4	BACC45FN16-10P	1-105
J4	BACC45FN16-10P	2-115
J5	BACC45FN16-24P6	1-120
J5	BACC45FN16-24P6	2-130
K1	ES410-1538	170
K1	FCA410-63	1-130A
K1	FCA410-63	170
K1	FCA410-63	2-140
K2	ES410-1538	170
K2	FCA410-63	1-130A
K2	FCA410-63	170
K2	FCA410-63	2-140
L5	BCREF8531	1-45A
L5	BCREF8531	45C
L5	BCREF8531	45E
L5	BCREF8531	2-55
L5	BCREF8531	55B
L5	BCREF8531	55E
L5	S231T300-1021	1-45G
L5	S231T300-1021	45H
L5	S231T300-1021	45J
L5	S231T300-1021	2-55C
L5	S231T300-1021	55D

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1006

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
L6	BCREF8531	1-45A
L6	BCREF8531	45C
L6	BCREF8531	45E
L6	BCREF8531	2-55
L6	BCREF8531	55B
L6	BCREF8531	55E
L6	S231T300-1021	1-45G
L6	S231T300-1021	45H
L6	S231T300-1021	45J
L6	S231T300-1021	2-55C
L6	S231T300-1021	55D
S1	BCREFA0502	1-35M
S1	BCREFA0502	35N
S1	BCREFA0502	35P
S1	BCREFA0502	35U
S1	BCREFA0502	35W
S1	BCREFA0502	35X
S1	BCREFA0502	2-45A
S1	BCREFA0502	45C
S1	BCREFA0502	45D
S1	BCREFA0502	45M
S1	BCREFA0502	45N
S1	BCREFA0502	45S
S1	BCREF7603	1-35C
S1	BCREF7603	35J
S1	BCREF7603	35S
S1	BCREF7603	35V
S1	BCREF7603	2-45B
S1	BCREF7603	45F
S1	BCREF7603	45L
S1	BCREF7603	45Q
S1	BCREF7603	45Y
S1	S231T290-5007	1-35G
S1	S231T290-5007	35H
S1	S231T290-5007	35T
S1	S231T290-5007	2-45
S1	S231T290-5007	45R
S1	4336731004-4207	45H
S1	851-30768-2007	1-35A
S1	851-30768-2007	35D
S1	851-30768-2007	35Y
S1	851-30768-2007	35Z
S1	851-30768-3007	35B
S1	851-30768-3007	35E
S1	851-30768-3007	35Q

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1007

Jul 01/04

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)

REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S1	851-30768-3007	35R
S1	851-30768-3007	2-45E
S1	851-30768-3007	45P
S1	851-30768-3007	45X
S2	BCREFA0502	1-35M
S2	BCREFA0502	35N
S2	BCREFA0502	35P
S2	BCREFA0502	35U
S2	BCREFA0502	35W
S2	BCREFA0502	35X
S2	BCREFA0502	2-45A
S2	BCREFA0502	45C
S2	BCREFA0502	45D
S2	BCREFA0502	45M
S2	BCREFA0502	45N
S2	BCREFA0502	45S
S2	BCREF7603	1-35C
S2	BCREF7603	35J
S2	BCREF7603	35S
S2	BCREF7603	35V
S2	BCREF7603	2-45B
S2	BCREF7603	45F
S2	BCREF7603	45L
S2	BCREF7603	45Q
S2	BCREF7603	45Y
S2	S231T290-5007	1-35G
S2	S231T290-5007	35H
S2	S231T290-5007	35T
S2	S231T290-5007	2-45
S2	S231T290-5007	45R
S2	4336731004-4207	2-45H
S2	851-30768-2007	1-35A
S2	851-30768-2007	35D
S2	851-30768-2007	35Y
S2	851-30768-2007	35Z
S2	851-30768-3007	35B
S2	851-30768-3007	35E
S2	851-30768-3007	35Q
S2	851-30768-3007	35R
S2	851-30768-3007	2-45E
S2	851-30768-3007	45P
S2	851-30768-3007	45X
S3	BCREFA0514	1-5L
S3	BCREFA0514	5M
S3	BCREFA0514	5N

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1008

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S3	BCREFA0514	2-15
S3	BCREFA0514	15C
S3	BCREFA0514	15D
S3	BCREF7615	1-5C
S3	BCREF7615	5J
S3	BCREF7615	5S
S3	BCREF7615	2-15B
S3	BCREF7615	15F
S3	S231T290-5031	1-5G
S3	S231T290-5031	5H
S3	S231T290-5031	2-15A
S3	4336731004-4231	15H
S3	851-30768-2031	1-5A
S3	851-30768-2031	5D
S3	851-30768-2031	5P
S3	851-30768-3031	5B
S3	851-30768-3031	5E
S3	851-30768-3031	5Q
S3	851-30768-3031	5R
S3	851-30768-3031	2-15E
S4	BCREFA0514	1-5L
S4	BCREFA0514	5M
S4	BCREFA0514	5N
S4	BCREFA0514	2-15
S4	BCREFA0514	15C
S4	BCREFA0514	2-15D
S4	BCREF7615	1-5C
S4	BCREF7615	5J
S4	BCREF7615	5S
S4	BCREF7615	2-15B
S4	BCREF7615	15F
S4	S231T290-5031	1-5G
S4	S231T290-5031	5H
S4	S231T290-5031	2-15A
S4	4336731004-4231	15H
S4	851-30768-2031	1-5A
S4	851-30768-2031	5D
S4	851-30768-2031	5P
S4	851-30768-3031	5B
S4	851-30768-3031	5E
S4	851-30768-3031	5Q
S4	851-30768-3031	5R
S4	851-30768-3031	2-15E
S7	BCREFA0522	1-20M
S7	BCREFA0522	20N

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1009

Jul 01/04

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)

REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S7	BCREFA0522	20P
S7	BCREFA0522	2-30A
S7	BCREFA0522	30C
S7	BCREFA0522	30D
S7	BCREF7621	1-20C
S7	BCREF7621	20J
S7	BCREF7621	20T
S7	BCREF7621	2-30B
S7	BCREF7621	30F
S7	S231T290-5054	1-20G
S7	S231T290-5054	20H
S7	S231T290-5054	2-30
S7	4336731004-4254	30H
S7	851-30768-2054	1-20A
S7	851-30768-2054	20D
S7	851-30768-2054	20R
S7	851-30768-3054	20B
S7	851-30768-3054	20E
S7	851-30768-3054	20Q
S7	851-30768-3054	20S
S7	851-30768-3054	2-30E
S8	BCREFA0521	1-25M
S8	BCREFA0521	25N
S8	BCREFA0521	25P
S8	BCREFA0521	2-35A
S8	BCREFA0521	35C
S8	BCREFA0521	35D
S8	BCREF7620	1-25C
S8	BCREF7620	25J
S8	BCREF7620	25T
S8	BCREF7620	2-35B
S8	BCREF7620	35F
S8	S231T290-5053	1-25G
S8	S231T290-5053	25H
S8	S231T290-5053	2-35
S8	4336731004-4253	35H
S8	851-30768-2053	1-25A
S8	851-30768-2053	25D
S8	851-30768-2053	25R
S8	851-30768-3053	25B
S8	851-30768-3053	25E
S8	851-30768-3053	25Q
S8	851-30768-3053	25S
S8	851-30768-3053	2-35E
S9	BCREFA0529	1-15M

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1010

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S9	BCREFA0529	15N
S9	BCREFA0529	15P
S9	BCREFA0529	2-25A
S9	BCREFA0529	25C
S9	BCREFA0529	25D
S9	BCREF7623	1-15C
S9	BCREF7623	15J
S9	BCREF7623	15T
S9	BCREF7623	2-25B
S9	BCREF7623	25G
S9	S231T290-5064	1-15G
S9	S231T290-5064	15H
S9	S231T290-5064	2-25
S9	4336731004-4264	25J
S9	851-30768-2064	1-15A
S9	851-30768-2064	1-15D
S9	851-30768-2064	15R
S9	851-30768-3064	15B
S9	851-30768-3064	15E
S9	851-30768-3064	15Q
S9	851-30768-3064	15S
S9	851-30768-3064	2-25E
S10	BCREFA0529	1-15M
S10	BCREFA0529	15N
S10	BCREFA0529	15P
S10	BCREFA0529	2-25A
S10	BCREFA0529	25C
S10	BCREFA0529	25D
S10	BCREF7623	1-15C
S10	BCREF7623	15J

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1011

Jul 01/04

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)

REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S10	BCREF7623	15T
S10	BCREF7623	2-25B
S10	BCREF7623	25G
S10	S231T290-5064	1-15G
S10	S231T290-5064	15H
S10	S231T290-5064	2-25
S10	4336731004-4264	25J
S10	851-30768-2064	1-15A
S10	851-30768-2064	15D
S10	851-30768-2064	15R
S10	851-30768-3064	15B
S10	851-30768-3064	15E
S10	851-30768-3064	15Q
S10	851-30768-3064	15S
S10	851-30768-3064	2-25E
S11	BCREFA0514	1-5L
S11	BCREFA0514	5M
S11	BCREFA0514	5N
S11	BCREFA0514	2-15
S11	BCREFA0514	15C
S11	BCREFA0514	15D
S11	BCREF7615	1-5C
S11	BCREF7615	5J
S11	BCREF7615	5S
S11	BCREF7615	2-15B
S11	BCREF7615	2-15F
S11	S231T290-5031	1-5G
S11	S231T290-5031	5H
S11	S231T290-5031	2-15A
S11	4336731004-4231	15H

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1012
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S11	851-30768-2031	1-5A
S11	851-30768-2031	5D
S11	851-30768-2031	5P
S11	851-30768-3031	5B
S11	851-30768-3031	5E
S11	851-30768-3031	5Q
S11	851-30768-3031	5R
S11	851-30768-3031	2-15E
S12	BCREFA0520	1-10M
S12	BCREFA0520	10N
S12	BCREFA0520	10P
S12	BCREFA0520	2-20A
S12	BCREFA0520	20C
S12	BCREFA0520	20D
S12	BCREF7619	1-10C
S12	BCREF7619	10J
S12	BCREF7619	10T
S12	BCREF7619	2-20B
S12	BCREF7619	20G
S12	S231T290-5045	1-10G
S12	S231T290-5045	10H
S12	S231T290-5045	2-20
S12	4336731004-4245	20J
S12	851-30768-2045	1-10A
S12	851-30768-2045	10D
S12	851-30768-2045	10R
S12	851-30768-3045	10B
S12	851-30768-3045	10E
S12	851-30768-3045	10Q
S12	851-30768-3045	10S
S12	851-30768-3045	2-20E
T1-T4	4443B9	1-150
T1-T4	4443B9	180
T1-T4	4443B9	2-155
T1-T4	4443B9	185
XK1	BACS16W1	1-135
XK1	BACS16W1	175
XK1	BACS16W1	2-145
XK1	BACS16W1	175
XK2	BACS16W1	1-135
XK2	BACS16W1	175
XK2	BACS16W1	2-145
XK2	BACS16W1	175

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1013
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACC45FN16-10P		1	105	1
		2	115	1
BACC45FN16-24P6		1	120	1
		2	130	1
BACC45FN22-55P6		1	115	1
		2	125	1
BACC45FN22-55P7		1	110	1
		2	120	1
BACC47CN1		1	195	3
		1	200	2
		2	200	3
		2	205	2
BACN10NW1		1	100	8
		2	110	8
		2	112	3
BACN10PA06-6		1	70	4
		2	80	4
BACR13CG2AB		1	130A	2
		1	170	2
		2	140	2
		2	170	2
BACS12HN04-5		2	105A	8
		2	107	3
BACS12HN06-5		2	90A	4
BACS16W1		1	135	2
		1	175	2
		2	145	2
		2	175	2
BACS21DD1B		2	75	4
BACS21DX1B		1	65A	4
BACS38K12C		1	205	20
		2	210	20
BACS38K12F		1	210	20
		2	215	20
BACW10EC06S		2	95A	4
BCREFA0502		1	35M	2
		2	45A	2
BCREFA0514		1	5L	3
		2	15	3
BCREFA0520		1	10M	1
		2	20A	1
BCREFA0521		1	25M	1
		2	35A	1
BCREFA0522		1	20M	1
		2	30A	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1014
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BCREFA0529		1	15M	2
		2	25A	2
BCREF7603		1	35C	2
		2	45B	2
BCREF7615		1	5C	3
		2	15B	3
BCREF7619		1	10C	1
		2	20B	1
BCREF7620		1	25C	1
		2	35B	1
BCREF7621		1	20C	1
		2	30B	1
BCREF7623		1	15C	2
		2	25B	2
BCREF8531		1	45A	2
		2	55	2
BR230DS0115		1	130A	2
		1	170	2
		2	140	2
		2	170	2
C48-2335-02		1	195	3
		1	200	2
		2	200	3
		2	205	2
DBMB1400-6A1 ES410-1538		2	75	4
		1	130A	2
		1	170	2
		2	140	2
FCA410-63		2	170	2
		1	130A	2
		1	170	2
		2	140	2

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1015
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
FCA410-63		2	170	2
FH6C5TPKL12BN		2	70A	4
JANTX1N649-1		1	140A	2
		1	165	2
		2	150A	2
		2	180A	2
JAN1N649		1	140	2
		1	165A	2
		2	150	2
		2	180	2
KD4L018		1	130A	2
		1	170	2
		2	140	2
		2	170	2
KD4L036		1	130A	2
		1	170	2
		2	140	2
		2	170	2
K19798-04		1	100	8
		2	110	8
		2	112	3
LRM20W16F74		1	195	3
		1	200	2
		2	200	3
		2	205	2
MS35338-41		1	85	4
		2	95	4
NAS1801-04-5		1	95	8
		2	105	8
NAS1801-06-4		1	80A	4
		2	90D	4
NAS1801-06-5		1	80	4
		2	90	4

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1016
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NAS514P632-5		1	60	4
		2	70	4
PFSC35-38ASEMB		1	65A	4
RMA4812-160-40		1	100	8
		2	110	8
		2	112	3
SF6G6CBB5D		1	70	4
		2	80	4
S231T290-1007		1	35C	2
		2	45B	2
S231T290-1031		1	5C	3
		2	15B	3
S231T290-1045		1	10C	1
		2	20B	1
S231T290-1053		1	25C	1
		2	35B	1
S231T290-1054		1	20C	1
		2	30B	1
S231T290-1064		1	15C	2
		2	25B	2
S231T290-2007		1	35A	2
S231T290-2031		1	5A	3
S231T290-2045		1	10A	1
S231T290-2053		1	25A	1
S231T290-2054		1	20A	1
S231T290-2064		1	15A	2
S231T290-3007		1	35B	2
		2	45E	2
S231T290-3031		1	5B	3
		2	15E	3
S231T290-3045		1	10B	1
		2	20E	1
S231T290-3053		1	25B	1
		2	35E	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1017
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
S231T290-3054		1	20B	1
		2	30E	1
S231T290-3064		1	15B	2
		2	25E	2
S231T290-4007		1	35M	2
		2	45A	2
S231T290-4031		1	5L	3
		2	15	3
S231T290-4045		1	10M	1
		2	20A	1
S231T290-4053		1	25M	1
		2	35A	1
S231T290-4054		1	20M	1
		2	30A	1
S231T290-4064		1	15M	2
		2	25A	2
S231T290-5007		1	35G	2
		2	45	2
S231T290-5031		1	5G	3
		2	15A	3
S231T290-5045		1	10G	1
		2	20	1
S231T290-5053		1	25G	1
		2	35	1
S231T290-5054		1	20G	1
		2	30	1
S231T290-5064		1	15G	2
		2	25	2
S231T290-802		1	40M	2
		2	50	2
S231T300-1021		1	45G	2
		2	55C	2
S231T300-2021		1	45A	2
		2	55	2
S233T100-6004		2	5A	1
ZZL4020-36LT		1	195	3
		1	200	2
		2	200	3
		2	205	2
231T290-3053		1	25Q	1
233N3209-10		1	160	1
233N3209-1009		1	1V	RF
233N3209-1012		1	1W	RF
233N3209-1014		1	1X	RF
233N3209-1016		1	2Q	RF

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1018
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233N3209-1018		1	2R	RF
233N3209-1019		1	2S	RF
233N3209-1020		1	2T	RF
233N3209-1022		1	2U	RF
233N3209-1023		1	2V	RF
233N3209-1024		1	2W	RF
233N3209-1025		1	2X	RF
		2	10Q	1
233N3209-1026		1	2Y	RF
		2	10R	1
233N3209-1027		1	1Y	RF
233N3209-1028		1	2Z	RF
		2	10S	1
233N3209-1029		1	3	RF
		2	10T	1
233N3209-1034		1	3A	RF
233N3209-1040		2	10U	1
233N3209-1041		2	10V	1
233N3209-1044		2	10W	1
233N3209-1045		2	10X	1
233N3209-1046		2	10Y	1
233N3209-1047		2	10Z	1
233N3209-12		1	1A	RF
233N3209-13		1	160B	1
		2	165A	1
233N3209-1300		1	3B	RF
		2	1R	RF
233N3209-1301		1	3C	RF
		2	1S	RF
233N3209-1302		1	3D	RF
		2	1T	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1019

Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233N3209-1303		1	3E	RF
		2	1U	RF
233N3209-1304		1	3F	RF
		2	1V	RF
233N3209-1305		1	3G	RF
		2	1W	RF
233N3209-1306		1	3H	RF
		2	1X	RF
233N3209-1307		1	3J	RF
		2	1Y	RF
233N3209-1308		1	3K	RF
		2	1Z	RF
233N3209-1309		1	3L	RF
		2	2	RF
233N3209-1310		1	3W	RF
		2	2K	RF
233N3209-1311		1	3X	RF
		2	2L	RF
233N3209-1312		1	3Y	RF
		2	2M	RF
233N3209-1313		1	3Z	RF
		2	2N	RF
233N3209-1314		1	4	RF
		2	2P	RF
233N3209-1315		1	4A	RF
		2	2Q	RF
233N3209-14		1	1B	RF
233N3209-15		1	160A	1
		2	165	1
233N3209-16		1	1C	RF
233N3209-2		1	55	1
		2	65	1
233N3209-20		1	1F	RF
		2	10	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1020
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233N3209-26		1	1Q	RF
		2	10A	1
233N3209-27		1	1N	RF
		2	10B	1
233N3209-29		1	1R	RF
		2	10C	1
233N3209-3		1	75	1
		2	85	1
233N3209-300		1	2	RF
		2	1A	RF
233N3209-301		1	2A	RF
		2	1B	RF
233N3209-302		1	2B	RF
		2	1C	RF
233N3209-303		1	2C	RF
		2	1D	RF
233N3209-304		1	2D	RF
		2	1E	RF
233N3209-305		1	2E	RF
		2	1F	RF
233N3209-306		1	2F	RF
		2	1G	RF
233N3209-307		1	2G	RF
		2	1H	RF
233N3209-308		1	2H	RF
		2	1J	RF
233N3209-309		1	2J	RF
		2	1K	RF
233N3209-310		1	2L	RF
		2	1M	RF
233N3209-311		1	2M	RF
		2	1N	RF
233N3209-312		1	2N	RF
		2	1P	RF
233N3209-313		1	2P	RF
		2	1Q	RF
233N3209-314		1	2K	RF
		2	1L	RF
233N3209-34		1	1S	RF
233N3209-40		2	10D	1
233N3209-41		2	10E	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1021
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233N3209-42		2	165B	1
233N3209-43		2	165C	1
233N3209-44		2	10F	1
233N3209-45		2	10G	1
233N3209-46		2	10H	1
233N3209-47		2	10J	1
233N3209-50		2	10K	1
233N3209-51		2	10L	1
233N3209-52		2	10M	1
233N3209-53		2	10N	1
233N3209-54		2	10P	1
233N3209-6		1	125	1
		2	135	1
233N3209-9		1	1	RF
233N3250-2		1	155	1
		1	185	1
		2	160	1
		2	190	1
233N6252-1		1	190	1
		2	195	1
233N6252-10		1	4B	RF
		2	3	RF
233N6252-14		1	4F	RF
233N6252-14		2	3A	RF
233N6252-15		1	4G	RF
233N6252-16		1	4H	RF
		2	3B	RF
233N6252-3		1	190A	1
		2	195A	1
233N6252-5		1	215	1
		2	220	1
233N6252-6		1	220	1
		2	225	1
233T3100-216		1	3M	RF
		2	2A	RF
233T3100-217		1	3N	RF
		2	2B	RF
233T3100-234		1	3P	RF
		2	2C	RF
233T3100-235		1	3Q	RF
		2	2D	RF
233T3100-270		1	3R	RF
		2	2E	RF
233T3100-275		1	3S	RF
		2	2F	RF
233T3100-288		1	3T	RF
		2	2G	RF

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1022
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T3100-295		1	3U	RF
		2	2H	RF
233T3100-332		1	3V	RF
		2	2J	RF
293162		1	100	8
		2	110	8
		2	112	3
417-2020-901		1	195	3
		1	200	2
		2	200	3
		2	205	2
433-100-003		1	40F	2
		2	50	2
433-673-1001-10		1	35C	2
		2	45B	2
433-673-1001-10		1	5C	3
		2	15B	3
433-673-1001-10		1	10C	1
		2	20B	1
433-673-1001-10		1	25C	1
		2	35B	1
433-673-1001-10		1	20C	1
		2	30B	1
433-673-1001-10		1	15C	2
		2	25B	2
433-673-1004-40		1	35M	2
		2	45A	2
433-673-1004-40		1	5L	3
		2	15	3
433-673-1004-40		1	10M	1
		2	20A	1
433-673-1004-40		1	25M	1
		2	35A	1
433-673-1004-40		1	20M	1
		2	30A	1
433-673-1004-40		1	15M	2
		2	25A	2
4336731004-4207		2	45H	2
4336731004-4231		2	15H	3
4336731004-4245		2	20J	1
4336731004-4253		2	35H	1
4336731004-4254		2	30H	1

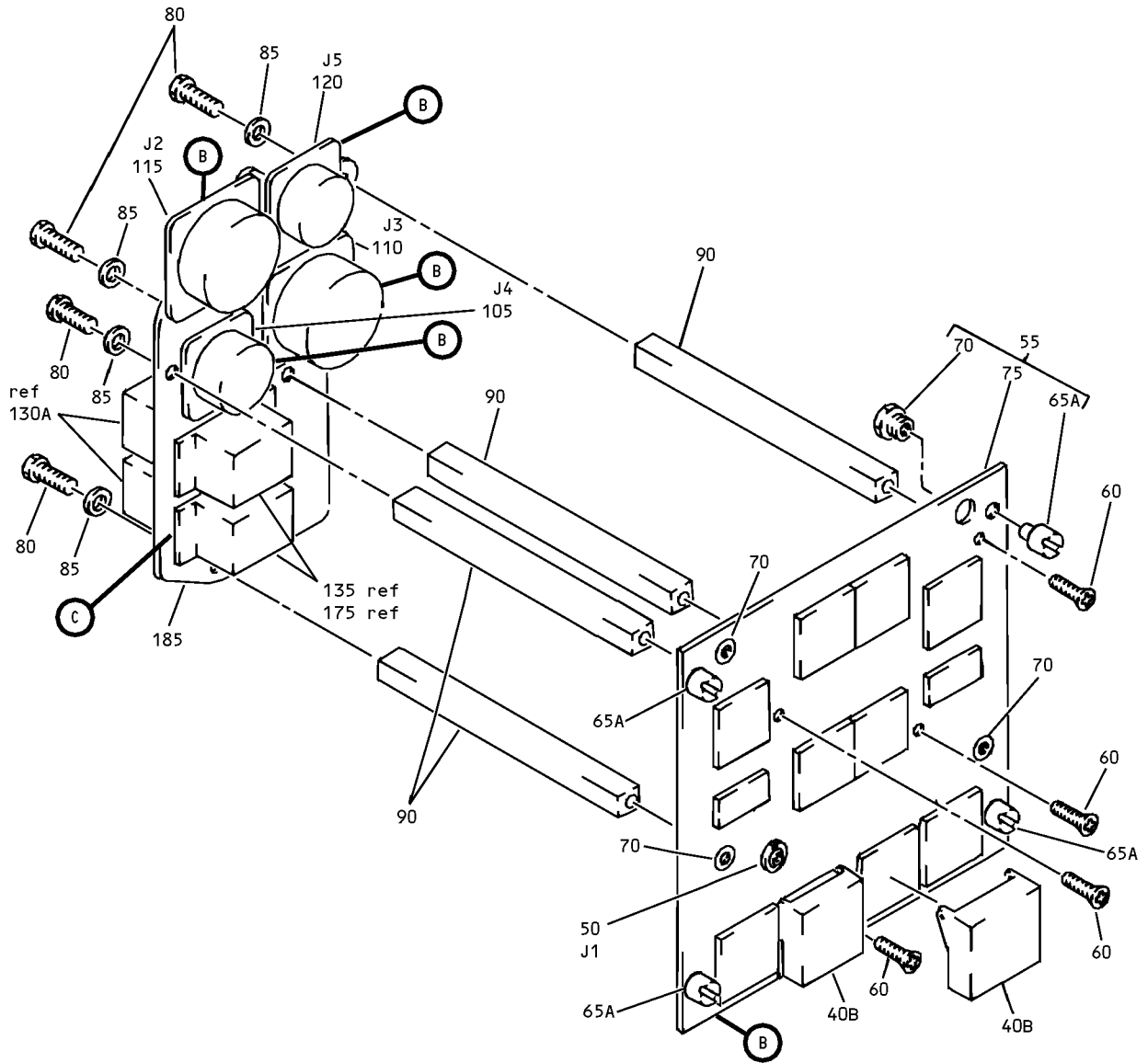
24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1023
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
4336731004-4264		2	25J	2
434-674-1031-20		1	45A	2
		2	55	2
4443B9		1	150	4
		1	180	4
		2	155	4
		2	185	4
48-2335-02		1	195	3
		1	200	2
		2	200	3
		2	205	2
69B46200-12		1	90	4
		2	100	4
800-000121-1		1	50	1
		2	60A	1
800-000928		2	5A	1
851-30768-2007		1	35A	2
851-30768-2031		1	5A	3
851-30768-2045		1	10A	1
851-30768-2053		1	25A	1
851-30768-2054		1	20A	1
851-30768-2064		1	15A	2
851-30768-3007		1	35B	2
		2	45E	2
851-30768-3031		1	5B	3
		2	15E	3
851-30768-3045		1	10B	1
		2	20E	1
851-30768-3053		1	25B	1
		2	35E	1
851-30768-3054		1	20B	1
		2	30E	1
851-30768-3064		1	15B	2
		2	25E	2
851-30768-812		1	40B	2

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1024
 Jul 01/04

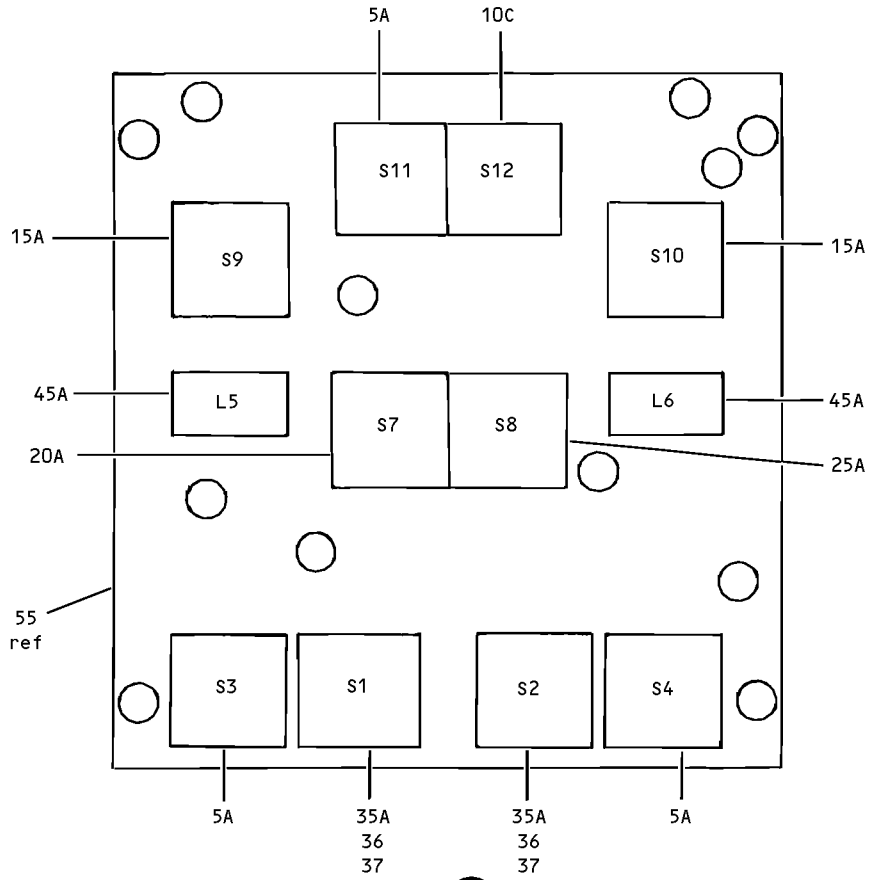


M10063 Electric System Panel Assembly
 Figure 1 (Sheet 1)

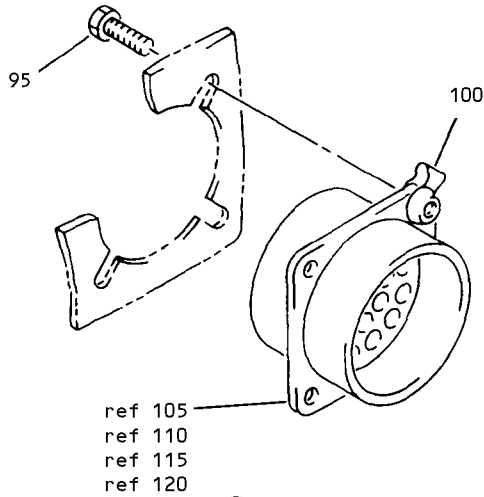
24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1026
 Jul 01/04

BOEING
 COMPONENT
 MAINTENANCE MANUAL



(A)

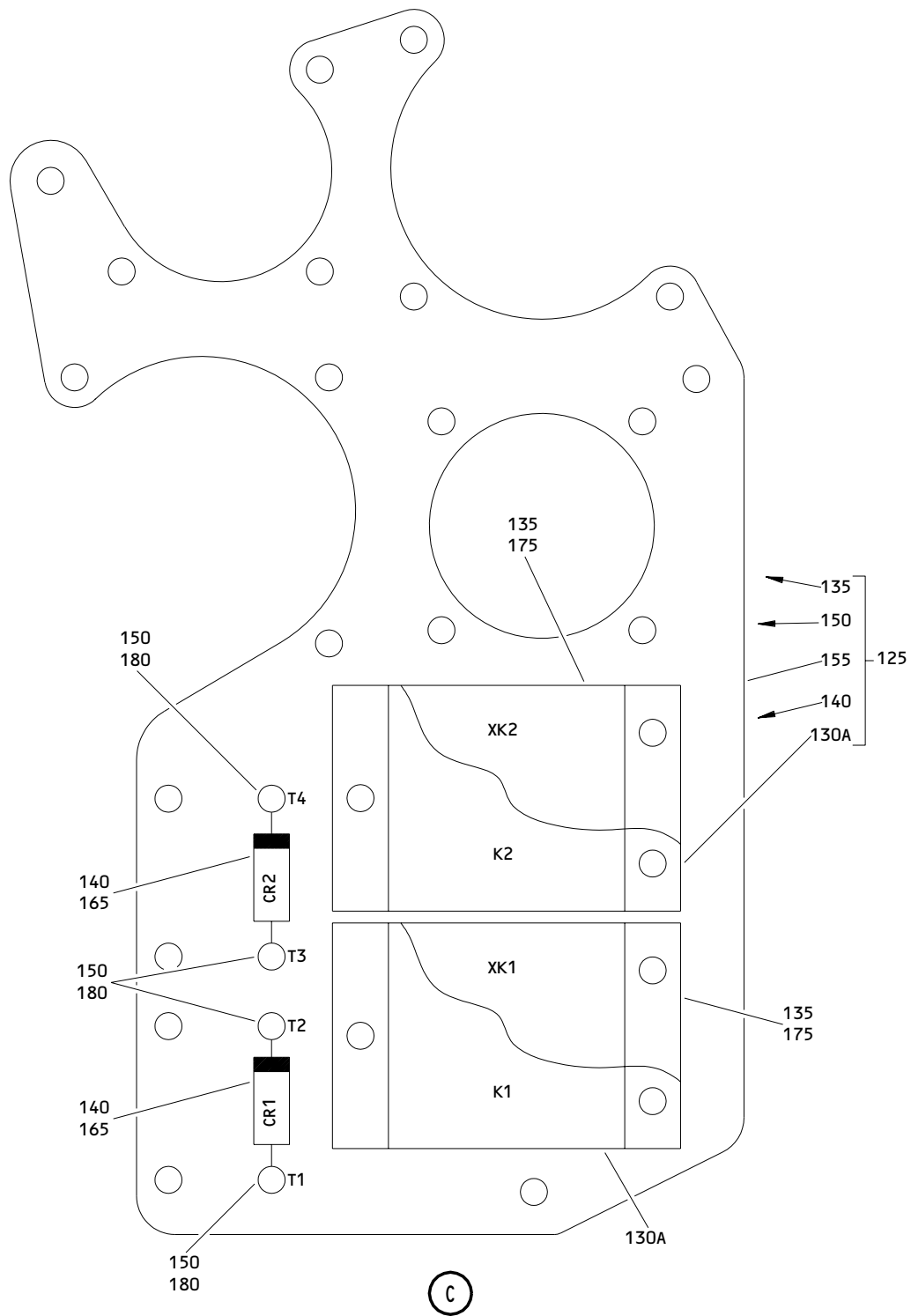


(B)

M10063 Electric System Panel Assembly
 Figure 1 (Sheet 2)

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1027
 Jul 01/04



M10063 Electric System Panel Assembly
 Figure 1 (Sheet 3)

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1028
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1	233N3209-9		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	A	RF
-1A	233N3209-12		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	B	RF
-1B	233N3209-14		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	C	RF
-1C	233N3209-16		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	D	RF
-1D	233N3209-17		DELETED		
-1E	233N3209-21		DELETED		
-1F	233N3209-20		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	F	RF
-1G	233N3209-18		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	G	RF
-1H	233N3209-19		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	H	RF
-1J	233N3209-22		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	J	RF
-1K	233N3209-23		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	K	RF
-1L	233N3209-24		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	L	RF
-1M	233N3209-25		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	M	RF
-1N	233N3209-27		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	N	RF
-1P	233N3209-28		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	P	RF
-1Q	233N3209-26		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	Q	RF
-1R	233N3209-29		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	R	RF
-1S	233N3209-34		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	S	RF
-1T	233N3209-40		DELETED		
-1U	233N3209-41		DELETED		
-1V	233N3209-1009		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BH	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1029

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1W	233N3209-1012		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BJ	RF
-1X	233N3209-1014		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BK	RF
-1Y	233N3209-1027		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (PRE SB 233N3209-24-04R1)	BL	RF
-2	233N3209-300		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	T	RF
-2A	233N3209-301		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	U	RF
-2B	233N3209-302		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	V	RF
-2C	233N3209-303		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	W	RF
-2D	233N3209-304		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	Z	RF
-2E	233N3209-305		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	AA	RF
-2F	233N3209-306		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	AB	RF
-2G	233N3209-307		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	AC	RF
-2H	233N3209-308		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	AD	RF
-2J	233N3209-309		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	AE	RF
-2K	233N3209-314		PANEL ASSY-M10063 ELEC SYS (FOR DETAILS SEE FIG. 2)	X	RF
-2L	233N3209-310		PANEL ASSY-M10063 ELEC SYS (FOR DETAILS SEE FIG. 2)	AF	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1030

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -2M	233N3209-311		PANEL ASSY-M10063 ELEC SYS (FOR DETAILS SEE FIG. 2)	AG	RF
-2N	233N3209-312		PANEL ASSY-M10063 ELEC SYS (FOR DETAILS SEE FIG. 2)	AH	RF
-2P	233N3209-313		PANEL ASSY-M10063 ELEC SYS (FOR DETAILS SEE FIG. 2)	AJ	RF
-2Q	233N3209-1016		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AK	RF
-2R	233N3209-1018		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AL	RF
-2S	233N3209-1019		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AM	RF
-2T	233N3209-1020		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AN	RF
-2U	233N3209-1022		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AP	RF
-2V	233N3209-1023		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AQ	RF
-2W	233N3209-1024		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AR	RF
-2X	233N3209-1025		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (PRE SB 233N3209-24-04)	AS	RF
-2Y	233N3209-1026		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (PRE SB 233N3209-24-04)	AT	RF
-2Z	233N3209-1028		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (PRE SB 233N3209-24-04)	AU	RF
-3	233N3209-1029		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AV	RF
-3A	233N3209-1034		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	AW	RF
-3B	233N3209-1300		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (PRE SB 233N3209-24-04) (FOR DETAILS SEE FIG. 2)	AX	RF
-3C	233N3209-1301		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (PRE SB 233N3209-24-04) (FOR DETAILS SEE FIG. 2)	AY	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1031

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -3D	233N3209-1302		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (PRE SB 233N3209-24-04) (FOR DETAILS SEE FIG. 2)	AZ	RF
-3E	233N3209-1303		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BA	RF
-3F	233N3209-1304		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	BB	RF
-3G	233N3209-1305		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (FOR DETAILS SEE FIG. 2)	BC	RF
-3H	233N3209-1306		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BD	RF
-3J	233N3209-1307		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BE	RF
-3K	233N3209-1308		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BF	RF
-3L	233N3209-1309		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BG	RF
-3M	233T3100-216		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BM	RF
-3N	233T3100-217		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BN	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1032

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -3P	233T3100-234		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BP	RF
-3Q	233T3100-235		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BQ	RF
-3R	233T3100-270		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BR	RF
-3S	233T3100-275		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BS	RF
-3T	233T3100-288		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BT	RF
-3U	233T3100-295		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BU	RF
-3V	233T3100-332		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BV	RF
-3W	233N3209-1310		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BW	RF
-3X	233N3209-1311		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BX	RF
-3Y	233N3209-1312		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BY	RF
-3Z	233N3209-1313		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	BZ	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1033

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -4	233N3209-1314		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	CA	RF
-4A	233N3209-1315		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1) (FOR DETAILS SEE FIG. 2)	CB	RF
-4B	233N6252-10		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04)	CC	RF
-4C	233N6252-11		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04R1)	CD	RF
-4D	233N6252-12		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04R1)	CE	RF
-4E	233N6252-13		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04) (FOR DETAILS SEE FIG. 2)	CF	RF
-4F	233N6252-14		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04R1) (FOR DETAILS SEE FIG. 2)	CG	RF
-4G	233N6252-15		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04R1)	CH	RF
-4H	233N6252-16		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04) (FOR DETAILS SEE FIG. 2)	CJ	RF
5 5A	851-30768-1031 851-30768-2031		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-2031)	C,BK	3
-5B	851-30768-3031		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-3031)	G-L,A L,AM, AP-AR	3

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1034

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -5C	BCREF7615		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V81590) (433-673-1001-1031) (S3, S4, S11) (SPEC S231T290-1031)	G-L, A L, AM, AP-AR	3
-5D	851-30768-2031		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-2031)	B, BJ	3
-5E	851-30768-3031		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-3031)	B, BJ	3
-5F	S231T290-4031		DELETED		
-5G	S231T290-5031		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S3, S4, S11) (OPT ITEM 5L)	M, P, S , AS, A U, AW, CC, CH	3
-5H	S231T290-5031		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S3, S4, S11) (OPT ITEM 5Q)	N, BL, CE	3
-5J	BCREF7615		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V81590) (433-673-1001-1031) (S3, S4, S11) (SPEC S231T290-1031)	Q, AT, CD	3
-5K	S231T290-4031		DELETED		
-5L	BCREFA0514		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4031) (S3, S4, S11) (SPEC S231T290-4031) (OPT ITEM 5G)	M, P, S , AS, A U, AW, CC, CH	3
-5M	BCREFA0514		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4031) (S3, S4, S11) (SPEC S231T290-4031)	Q, AT, CD	3

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1035

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -5N	BCREFA0514		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4031) (S3, S4, S11) (SPEC S231T290-4031)	R,AV	3
-5P	851-30768-2031		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-2031)	A,BH	3
-5Q	851-30768-3031		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-3031) (OPT ITEM 5H)	N,BL, CE	3
-5R	851-30768-3031		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-3031)	D,F,A K,AN	3
-5S	BCREF7615		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V81590) (433-673-1001-1031) (S3, S4, S11) (SPEC S231T290-1031)	D,F,A K,AN	3
10 10A	851-30768-1045 851-30768-2045		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-2045)	C,BK	1
-10B	851-30768-3045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-3045)	G-L,A L,AM, AP-AR	1
-10C	BCREF7619		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1001-1045) (S12) (SPEC S231T290-1045)	G-L,A L,AM, AP-AR	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1036

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -10D	851-30768-2045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-2045)	B,BJ	1
-10E	851-30768-3045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-3045)	B,BJ	1
-10F	S231T290-4045		DELETED		
-10G	S231T290-5045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (S12) (OPT ITEM 10M)	M,P,S ,AS,A U,AW, CC,CH	1
-10H	S231T290-5045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (S12) (OPT ITEM 10Q)	N,BL, CE	1
-10J	BCREF7619		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1001-1045) (S12) (SPEC S231T290-1045)	Q,AT, CD	1
-10K	S231T290-4045		DELETED		
-10L	S231T290-4045		DELETED		
-10M	BCREFA0520		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1004-4045) (S12) (SPEC S231T290-4045) (OPT ITEM 10G)	M,P,S ,AS,A U,AW, CC,CH	1
-10N	BCREFA0520		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1004-4045) (S12) (SPEC S231T290-4045)	Q,AT, CD	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1037
 Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -10P	BCREFA0520		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1004-4045) (S12) (SPEC S231T290-4045)	R,AV	1
-10Q	851-30768-3045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-3045) (OPT ITEM 10H)	N,BL, CE	1
-10R	851-30768-2045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-2045)	A,BH	1
-10S	851-30768-3045		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-3045)	D,F,A K,AN	1
-10T	BCREF7619		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1001-1045) (S12) (SPEC S231T290-1045)	D,F,A K,AN	1
15 15A	851-30768-1064 851-30768-2064		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-2064)	C,BK	2
-15B	851-30768-3064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-3064)	G-L,A L,AM, AP-AR	2
-15C	BCREF7623		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1001-1064) (S9, S10) (SPEC S231T290-1064)	G-L,A L,AM, AP-AR	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1038

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -15D	851-30768-2064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-2064)	B,BJ	2
-15E	851-30768-3064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-3064) (OPT ITEM 15D)	B,BJ	2
-15F	S231T290-4064		DELETED		
-15G	S231T290-5064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (S9, S10) (OPT ITEM 15M)	H,P,S ,AS,A U,AW, CC,CH	2
-15H	S231T290-5064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (S9, S10) (OPT ITEM 15Q)	N,BL, CE	2
-15J	BCREF7623		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1001-1064) (S9, S10) (SPEC S231T290-1064)	Q,AT, CD	2
-15K	S231T290-4064		DELETED		
-15L	S231T290-4064		DELETED		
-15M	BCREFA0529		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1004-4064) (S9, S10) (SPEC S231T290-4064) (OPT ITEM 15G)	M,P,S ,AS,A U,AW, CC,CH	2
-15N	BCREFA0529		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1004-4064) (S9, S10) (SPEC S231T290-4064)	Q,AT, CD	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1039

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -15P	BCREFA0529		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1004-4064) (S9, S10) (SPEC S231T290-4064)	R,AV	2
-15Q	851-30768-3064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-3064) (OPT ITEM 15H)	N,BL, CE	2
-15R	851-30768-2064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-2064)	A,BH	2
-15S	851-30768-3064		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-3064)	D,F,A K,AN	2
-15T	BCREF7623		.SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1001-1064) (S9, S10) (SPEC S231T290-1064)	D,F,A K,AN	2
20 20A	851-30768-1054 851-30768-2054		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S7) (SPEC S231T290-2054)	C,BK	1
-20B	851-30768-3054		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S7) (SPEC S231T290-3054)	G-L,A L,AM, AP-AR	1
-20C	BCREF7621		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1054) (S7) (SPEC S231T290-1054)	G-L,A L,AM, AP-AR	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1040

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -20D	851-30768-2054		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S7) (SPEC S231T290-2054)	B,BJ	1
-20E	851-30768-3054		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S7) (SPEC S231T290-3054)	B,BJ	1
-20F	S231T290-4054		DELETED		
-20G	S231T290-5054		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S7) (OPT ITEM 20M)	M,P,S ,AS,A U,AW, CC,CH	1
-20H	S231T290-5054		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S7) (OPT ITEM 20Q)	N,BL, CE	1
-20J	BCREF7621		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1054) (S7) (SPEC S231T290-1054)	Q,AT, CD	1
-20K	S231T290-4054		DELETED		
-20L	S231T290-4054		DELETED		
-20M	BCREFA0522		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4054) (S7) (SPEC S231T290-4054) (OPT ITEM 20G)	M,P,S ,AS,A U,AW, CC,CH	1
-20N	BCREFA0522		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4054) (S7) (SPEC S231T290-4054)	Q,AT, CD	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1041

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -20P	BCREFA0522		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4054) (S7) (SPEC S231T290-4054)	R,X,Y ,AV	1
-20Q	851-30768-3054		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S7) (SPEC S231T290-3054) (OPT ITEM 20H)	N,BL, CE	1
-20R	851-30768-2054		.SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S7) (SPEC S231T290-2054)	A,BH	1
-20S	851-30768-3054		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S7) (SPEC S231T290-3054)	D,F,A K,AN	1
-20T	BCREF7621		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1054) (S7) (SPEC S231T290-1054)	D,F,A K,AN	1
25	851-30768-1053		DELETED		
25A	851-30768-2053		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-2053)	C,BK	1
-25B	851-30768-3053		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-3053)	G-L,A L,AM, AP-AR	1
-25C	BCREF7620		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1053) (S8) (SPEC S231T290-1053)	G-L,A L,AM, AP-AR	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1042

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -25D	851-30768-2053		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S8) (SPEC S231T290-2053)	B,BJ	1
-25E	851-30768-3053		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S8) (SPEC S231T290-3053)	B,BJ	1
-25F -25G	S231T290-4053 S231T290-5053		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S8) (OPT ITEM 25M)	M,P,S ,AS,A U,AW, CC,CH	1
-25H	S231T290-5053		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S8) (OPT ITEM 25Q)	N,BL, CE	1
-25J	BCREF7620		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1053) (S8) (SPEC S231T290-1053)	Q,AT, CD	1
-25K -25L -25M	S231T290-4053 S231T290-4053 BCREFA0521		DELETED DELETED .SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4053) (S8) (SPEC S231T290-4053) (OPT ITEM 25G)	M,P,S ,AS,A U,AW, CC,CH	1
-25N	BCREFA0521		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4053) (S8) (SPEC S231T290-4053)	Q,AT, CD	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1043
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -25P	BCREFA0521		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4053) (S8) (SPEC S231T290-4053)	R,AV	1
-25Q	851-30768-3053		.SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S8) (SPEC 231T290-3053) (OPT ITEM 25H)	N,BL, CE	1
-25R	851-30768-2053		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-2053)	A,BH	1
-25S	851-30768-3053		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-3053)	D,F,A K,AN	1
-25T	BCREF7620		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1053) (S8) (SPEC S231T290-1053)	D,F,A K,AN	1
35 35A	851-30768-1007 851-30768-2007		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-2007) (CONT. AT ITEM 35Y)	A,C,B H,BK	2

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1044
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35B	851-30768-3007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-3007) (851-30768-2007 T/W 851-30768-802 OR 812, OR 433-100-003 SWITCHGUARD I/W BCREFA0502 OR 851-30768-3007 OR BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD)	D,F-L	2
-35C	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	D,F-L	2
-35D	851-30768-2007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-2007) (851-30768-2007 T/W 851-30768-802 OR 812 OR 433-100-003 SWITCHGUARD I/W BCREFA0502 OR 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD) (CONT. AT ITEM 35Z)	B,BJ	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1045

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35E	851-30768-3007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-3007) (851-30768-2007 T/W 851-30768-802 OR -812 OR 433-100-003 SWITCHGUARD I/W BCREF7603 OR 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD)	B,BJ	2
-35F -35G	S231T290-4007 S231T290-5007		DELETED .SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (S1, S2) (851-30768-2007 T/W 851-30768-802 -812 OR 433-200-003 SWITCHGRARD I/W BCREF7603 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD) (OPT ITEM 35M)	M,P,S	2
-35H	S231T290-5007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (S1, S2) (851-30768-2007 T/W 851-30768-802 -812 OR 433-200-003 SWITCHGRARD I/W BCREF7603 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD) (OPT ITEM 35Q)	N,BL, CE	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1046

Jul 01/04

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35J	BCREF7603		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	Q	2
-35K	S231T290-4007		DELETED		
-35L	S231T290-4007		DELETED		
-35M	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007) (OPT ITEM 35G)	M,P,S	2

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1047
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35N	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	Q	2
-35P	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	R	2
-35Q	851-30768-3007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-3007) (851-30768-2007 T/W 851-30768-802 OR -812 OR 433-100-003 SWITCHGUARD I/W BCREFA0502 OR 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD) (OPT ITEM 35H)	N,BL, CE	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1048

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35R	851-30768-3007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-3007) (851-30768-2007 T/W 851-30768-802 OR 812, OR 433-100-003 SWITCHGUARD I/W BCREF7603 OR 851-30768-3007 OR BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD)	AK-AR	2
-35S	BCREF7603		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	AK-AR	2
-35T	S231T290-5007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (S1, S2) (851-30768-2007 T/W 851-30768-802 -812 OR 433-200-003 SWITCHGRARD I/W BCREF7603 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD) (OPT ITEM 35U)	AS, AU , AW, C C, CH	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1049

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35U	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007) (OPT ITEM 35T)	AS,AU ,AW,C C,CH	2
-35V	BCREF7603		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USED WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007) (OPT ITEM 35W)	AT,CD	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1050

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35W	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	AT,CD	2
-35X	BCREFA0502		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	AV	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1051

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -35Y	851-30768-2007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (CONT. FROM ITEM 35A) (V96182) (S1, S2) (SPEC S231T290-2007) (851-30768-2007 T/W 851-30768-802 OR -812 OR 433-100-003 SWITCHGUARD I/W BCREF7603 OR 851-30768-3007, BCREFA0502 S231T290-5007 TOGETHER WITH 433-100-003 SWITCHGUARD)	A,C,B H,BK	2
-35Z	851-30768-2007		.SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (CONT. FROM ITEM 35D) (V96182) (S1, S2) (SPEC S231T290-2007) (851-30768-2007 T/W 851-30768-802 OR 812 OR 433-100-003 SWITCHGUARD I/W BCREF7603 OR 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD)	B,BJ	2
36	851-30768-3007		DELETED		
-36A	BCREF7603		DELETED		
-36B	851-30768-3007		DELETED		
-36C	BCREF7603		DELETED		
-36D	851-30768-3007		DELETED		
-36E	BCREF7603		DELETED		
-36F	851-30768-3007		DELETED		
-36G	BCREF7603		DELETED		
37	851-30768-2007		DELETED		
-37A	851-30768-3007		DELETED		
-37B	851-30768-3007		DELETED		
-37C	BCREF7603		DELETED		
-37D	BCREF7603		DELETED		
-37E	S231T290-5007		DELETED		
-37F	BCREFA0502		DELETED		

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1052

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-37G	851-30768-3007		DELETED		
-37H	851-30768-3007		DELETED		
-37J	BCREF7603		DELETED		
-37K	BCREF7603		DELETED		
-37L	S231T290-5007		DELETED		
-37M	BCREFA0502		DELETED		
38	BCREF7603		DELETED		
-38A	BCREF7603		DELETED		
-38B	BCREF7603		DELETED		
-38C	BCREF7603		DELETED		
40	851-30768-801		DELETED		
40A	851-30768-802		DELETED		
40B	851-30768-812		. GUARD-SWITCH (V96182) (SPEC S231T290-812) (OPT ITEM 40M)	C,BK	2
-40C	851-30768-802		DELETED		
-40D	851-30768-812		. GUARD-SWITCH (V96182) (SPEC S231T290-812)	D,AK	2
-40E	851-30768-822		DELETED		
-40F	433-100-003		. GUARD-SWITCH (V81590) (SPEC S231T290-822)	F-S,A N-AW, BL,C C-CE, CH	2
40G	851-30768-802		DELETED		
-40H	851-30768-812		. GUARD-SWITCH (V96182) (SPEC S231T290-812) (ITEM 40P AND 40H OPT TO ITEM 40L FOR USE WITH S231T290-2000 SERIES SWITCHES ONLY)	B,BJ	2
-40J	851-30768-822		DELETED		
-40K	433-00-003		DELETED		
-40L	433-100-003		. GUARD-SWITCH (V81590) (SPEC S231T290-822) (ITEM 40P AND 40H OPT TO ITEM 40L FOR USE WITH S231TS90-2000 SERIES SWITCHES ONLY)	B,BJ	2
-40M	S231T290-802		. GUARD-SWITCH (OPT ITEM 40B)	C,BK	2

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1053
 Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-40N	S231T290-802		.GUARD-SWITCH	A,BH	2
-40P	S231T290-802		.GUARD-SWITCH (ITEM 40P AND 40H OPT TO ITEM 40L FOR USE WITH S231T290-2000 SERIES SWITCHES ONLY)	B,BJ	2
45	BCREF6249		DELETED		
45A	BCREF8531		.LIGHT ASSY-BUS OFF IND (V81590) (434-674-1031-2021) (L5, L6) (SPEC S231T300-2021) (ITEM 45A OPT TO ITEM 45H WITH WHITE DOT IDENTIFIER ON CAP ASSY)	J-L,R S,A P-AR, AV,AW	2
-45B	BCREF6249		DELETED		
-45C	BCREF8531		.LIGHT ASSY-BUS OFF IND (V81590) (434-674-1031-2021) (L5, L6) (SPEC S231T300-2021) (OPT ITEM 45J)	B,BJ	2
-45D	BCREF6249		DELETED		
-45E	BCREF8531		.LIGHT ASSY-BUS OFF IND (V81590) (434-674-1031-2021) (L5, L6) (SPEC S231T300-2021)	M-Q,A S-AU, BL,C C-CE, CH	2
-45F	BCREF6249		DELETED		
-45G	S231T300-1021		.LIGHT ASSY-BUS OFF IND (L5, L6)	A,C,D F-H, AK-AM BH,B K	2
-45H	S231T300-1021		.LIGHT ASSY-BUS OFF IND (L5, L6) (ITEM 45A OPT TO ITEM 45H WITH WHITE DOT IDENTIFIER ON CAP ASSY)	J-L,R S,A P-AR, AV,AW	2
-45J	S231T300-1021		.LIGHT ASSY-BUS OFF IND (L5, L6) (OPT ITEM 45C)	B,BJ	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1054

Jul 01/04

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-50	800-000121-1		.CONNECTOR-PWR (V05617) (J1)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
50A	800-000-121-1		DELETED		
50B	800000121-1		DELETED		
55	233N3209-2		.BASEPLATE ASSY	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
60	NAS514P632-5		.SCREW	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	4
65	DBMB1400-6A1		-----*----- DELETED		
65A	PFSC35-38ASEMB		..STUD- (V72794) (SPEC BACS21DX1B)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	4
70	SF6G6CBB5D		..NUT- (V12324) (SPEC BACN10PA06-6)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	4

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1055

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-75	233N3209-3		. .BASEPLATE	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
80	NAS1801-06-5		. SCREW	A-D, F-K, M-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	4
-80A	NAS1801-06-4		. SCREW	L,S,A R,AW	4
85	MS35338-41		. WASHER	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	4
90	69B46200-12		. STANDOFF	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	4
95	NAS1801-04-5		. SCREW	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	8

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1056
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-100	K19798-04		.NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	8
105	BACC45FN16-10P		.CONNECTOR- (J4)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
110	BACC45FN22-55P7		.CONNECTOR- (J3)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
115	BACC45FN22-55P6		.CONNECTOR- (J2)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
120	BACC45FN16-24P6		.CONNECTOR- (J5)	A-D, F-S,A K-AW, BH-BL CC-CE ,CH	1
125	233N3209-6		.BRACKET ASSY	A-D, F-K, M-R,A K-AQ, AS-AV	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1057

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-130 130A	FCA410-62 FCA410-63		DELETED ..RELAY- (V78290) (SPEC BACR13CG2AB) (OPT KD4L018 (V35344)) (OPT KD4L036 (V35344)) (OPT BR230DS0115 (V56623)) (OPT ES410-1538 (V99699)) (K1, K2)	A-D, F-K, M-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	2
135	BACS16W1		..SOCKET-RELAY (XK1, XK2)	A-D, F-K, M-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	2
140	JAN1N649		..DIODE- (CR1, CR2) (OPT ITEM 140A)	A-D, F-K, M-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	2
-140A	JANTX1N649-1		..DIODE- (CR1, CR2) (OPT ITEM 140)	A-D, F-K, M-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	2
-140B	JANTX1N649		DELETED		

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1058

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-150	4443B9		..TERMINAL- (V88245) (T1-T4)	A-D, F-K, M-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	4
155	233N3250-2		..BRACKET-CONN.	A-D, F-K, N-R,A K-AQ, AS-AV BH-BL ,CC-C E,CH	1
-160	233N3209-10		.WIRE BUNDLE ASSY	A,BH	1
-160A	233N3209-15		.WIRE BUNDLE ASSY	C,F,H ,K,P, AM,AN ,AQ,A U,BK CH	1
-160B	233N3209-13		.WIRE BUNDLE ASSY	B,D,G ,J, L-N, Q-S,A K,AL AP,A R-AT, AV,AW ,BJ,B L CC-CE	1
-160C	233N3209-42		DELETED		
-160D	233N3209-43		DELETED		

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1059

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-165	JANTX1N649-1		.DIODE- (CR1, CR2) (OPT ITEM 165A)	L,S,A R,AW	2
-165A	JAN1N649		.DIODE- (CR1, CR2) (OPT ITEM 165)	L,S,A R,AW	2
170	FCA410-63		.RELAY- (V78290) (SPEC BACR13CG2AB) (OPT KD4L018 (V35344)) (OPT KD4L036 (V35344)) (OPT BR230DS0115 (V56623)) (OPT ES410-1538 (V99699)) (K1, K2)	L,S,A R,AW	2
175	BACS16W1		.SOCKET-RELAY (XK1, XK2)	L,S,A R,AW	2
180	4443B9		.TERMINAL- (V88245) (T1-T4)	L,S,A R,AW	4
185	233N3250-2		.BRACKET-CONN.	L,S,A R,AW	1
-190	233N6252-1		.KIT-WIRE BUNDLE	CC-CE	1
-190A	233N6252-3		.KIT-WIRE BUNDLE	CH	1
-195	48-2335-02		..CONTACT-PIN (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))	CC-CE	3

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1060

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -200	48-2335-02		..CONTACT-PIN (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))	CH	2
-205	BACS38K12C		..STRAP	CC-CE ,CH	20
-210	BACS38K12F		..STRAP	CC-CE ,CH	20
-215	233N6252-5		..SLEEVE-HEAT SHRINK	CC-CE ,CH	1
-220	233N6252-6		..JUMPER	CC-CE ,CH	1

- Item Not Illustrated

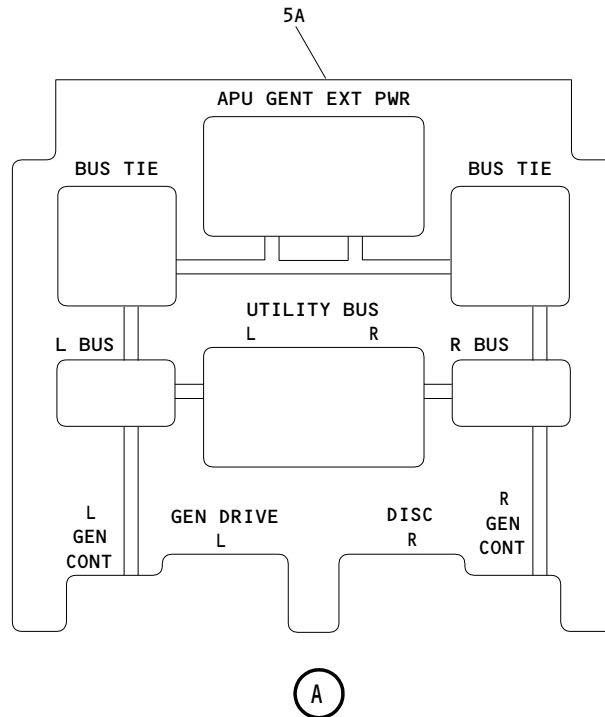
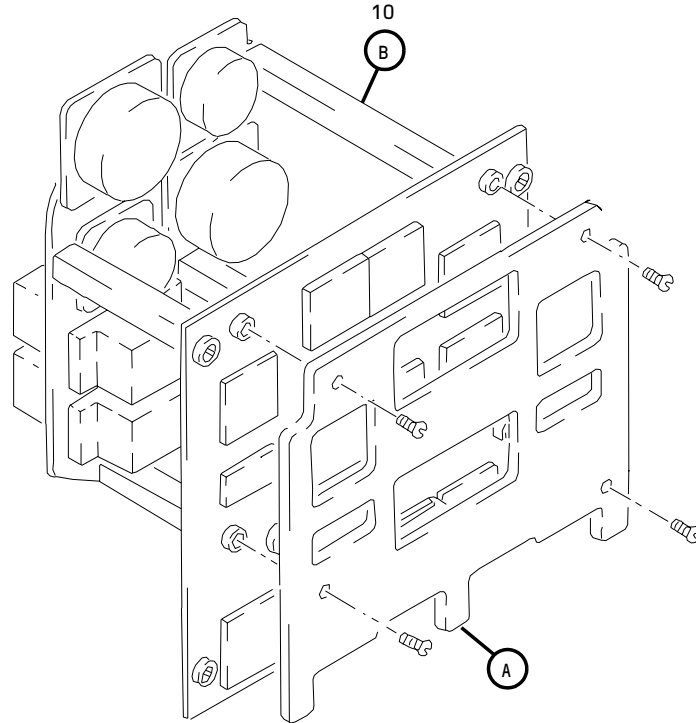
24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1061

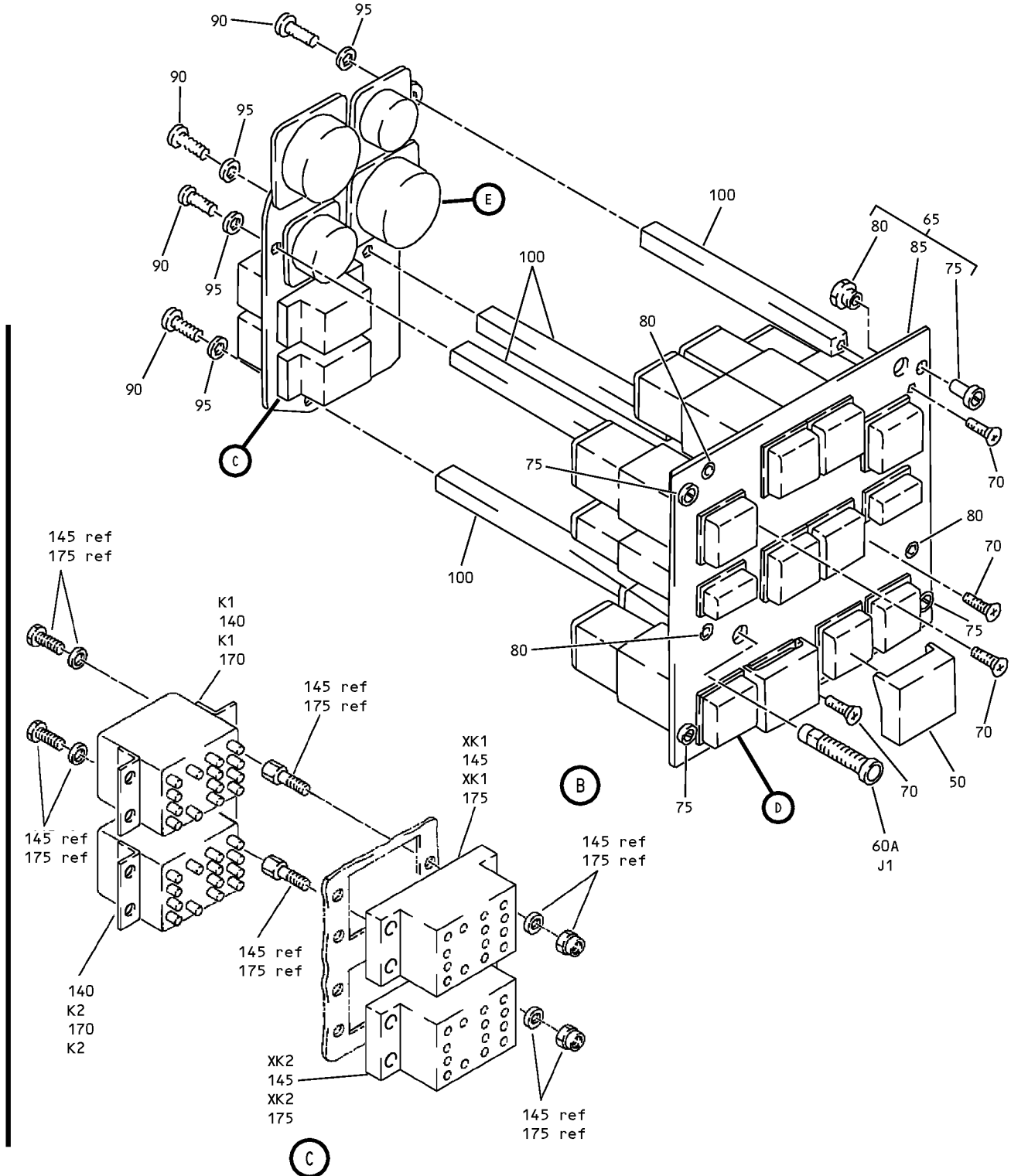
Jul 01/04



M10063 Electric System Panel Assembly
Figure 2 (Sheet 1)

24-22-71

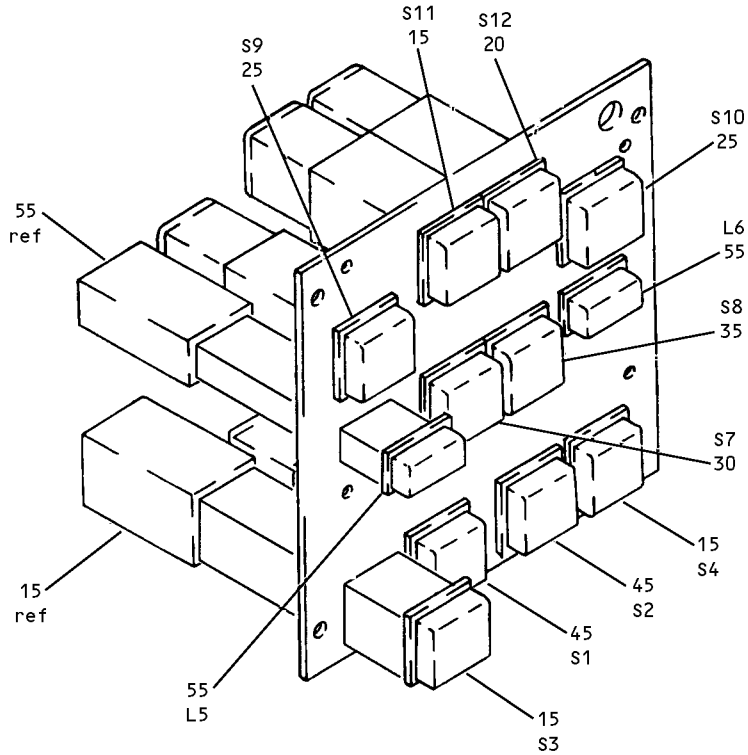
ILLUSTRATED PARTS LIST
01.1 Page 1063
Jul 01/04



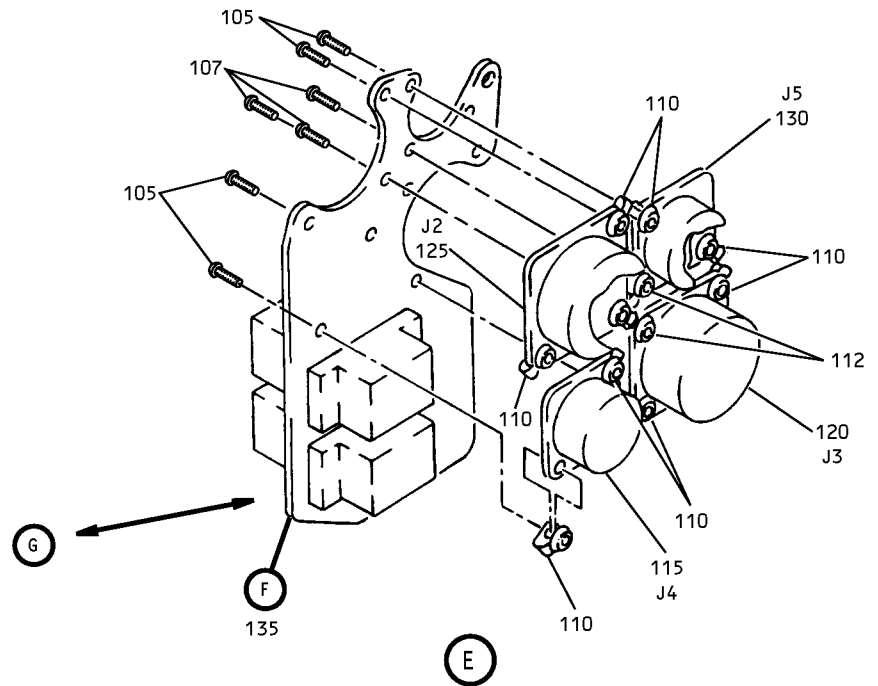
M10063 Electric System Panel Assembly
 Figure 2 (Sheet 2)

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1064
 Jul 01/04



(D)



(G)

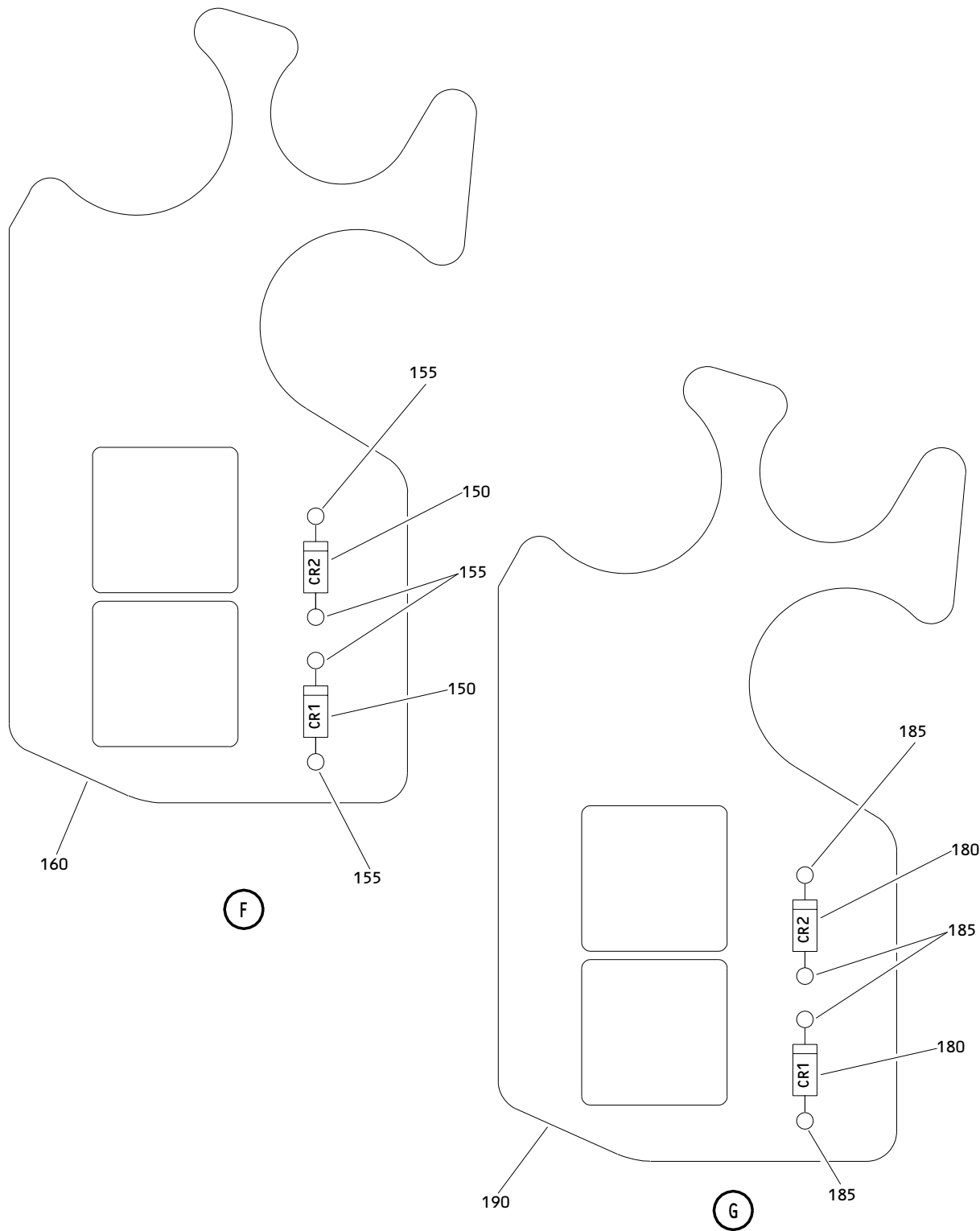
(F)

(E)

M10063 Electric System Panel Assembly
 Figure 2 (Sheet 3)

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1065
 Jul 01/04



M10063 Electric System Panel Assembly
 Figure 2 (Sheet 4)

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1066
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
-1A	233N3209-300		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	T	RF
-1B	233N3209-301		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	U	RF
-1C	233N3209-302		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	V	RF
-1D	233N3209-303		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	W	RF
-1E	233N3209-304		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	Z	RF
-1F	233N3209-305		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	AA	RF
-1G	233N3209-306		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	AB	RF
-1H	233N3209-307		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	AC	RF
-1J	233N3209-308		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	AD	RF
-1K	233N3209-309		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03)	AE	RF
-1L	233N3209-314		PANEL ASSY-M10063 ELEC SYS	X	RF
-1M	233N3209-310		PANEL ASSY-M10063 ELEC SYS	AF	RF
-1N	233N3209-311		PANEL ASSY-M10063 ELEC SYS	AG	RF
-1P	233N3209-312		PANEL ASSY-M10063 ELEC SYS	AH	RF
-1Q	233N3209-313		PANEL ASSY-M10063 ELEC SYS	AJ	RF
-1R	233N3209-1300		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (PRE SB 233N3209-24-04)		
-1S	233N3209-1301		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (PRE SB 233N3209-24-04)	AY	RF
-1T	233N3209-1302		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1) (PRE SB 233N3209-24-04)	AZ	RF
-1U	233N3209-1303		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BA	RF
-1V	233N3209-1304		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	BB	RF

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1067

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -1W	233N3209-1305		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03)	BC	RF
-1X	233N3209-1306		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BD	RF
-1Y	233N3209-1307		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BE	RF
-1Z	233N3209-1308		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BF	RF
-2	233N3209-1309		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BG	RF
-2A	233T3100-216		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BM	RF
-2B	233T3100-217		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BN	RF
-2C	233T3100-234		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BP	RF
-2D	233T3100-235		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BQ	RF
-2E	233T3100-270		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BR	RF
-2F	233T3100-275		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BS	RF
-2G	233T3100-288		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BT	RF
-2H	233T3100-295		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BU	RF
-2J	233T3100-332		PANEL ASSY-M10063 ELEC SYS (PRE SB 233N3209-24-03R1)	BV	RF

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1068
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -2K	233N3209-1310		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BW	RF
-2L	233N3209-1311		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BX	RF
-2M	233N3209-1312		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BY	RF
-2N	233N3209-1313		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	BZ	RF
-2P	233N3209-1314		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	CA	RF
-2Q	233N3209-1315		PANEL ASSY-M10063 ELEC SYS (POST SB 233N3209-24-03R1)	CB	RF
-3	233N6252-13		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04)	CF	RF
-3A	233N6252-14		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04)	CG	RF
-3B	233N6252-16		KIT-M10063 ELEC SYS (POST SB 233N3209-24-04)	CJ	RF
5 5A	S233T100-6004 800-000928		DELETED .LIGHTPLATE- (V05617) (SPEC S233T100-6004) (OPT S233T100-6004 (V51896))	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ T,BS	1
10	233N3209-25		.PANEL ASSY- (233N3209-12 -18 -20 -22 -25 -26 -27 ARE ALL INTERCHANGEABLE EXCEPT SUBJECT TO CUSTOMER PREFERENCE) (233N3209-25 I/W -29 EXCEPT SUBJECT TO CUSTOMER PREFERENCE) (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)		1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1069

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -10A	233N3209-26		.PANEL ASSY- (233N3209-12 -18 -20 -22 -25 -26 -27 ARE ALL INTERCHANGEABLE EXCEPT SUBJECT TO CUSTOMER PREFERENCE) (PRE SB 233N3209-24-03)	U	1
-10B	233N3209-28		.PANEL ASSY- (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)	V,BV	1
-10C	233N3209-29		.PANEL ASSY- (233N3209-25 I/W -29 EXCEPT SUBJECT TO CUSTOMER PREFERENCE) (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)	W,BT	1
-10D	233N3209-40		.PANEL ASSY- (PRE SB 233N3209-24-03)	Z	1
-10E	233N3209-41		.PANEL ASSY- (PRE SB 233N3209-24-03)	AA	1
-10F	233N3209-44		.PANEL ASSY- (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)	AB,BP	1
-10G	233N3209-45		.PANEL ASSY- (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)	AC,BS	1
-10H	233N3209-46		.PANEL ASSY- (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)	AD,BP	1
-10J	233N3209-47		.PANEL ASSY- (PRE SB 233N3209-24-03) (PRE SB 233N3209-24-03R1)	AE,BS	1
-10K	233N3209-50		.PANEL ASSY	X	1
-10L	233N3209-51		.PANEL ASSY	AF	1
-10M	233N3209-52		.PANEL ASSY	AG	1
-10N	233N3209-53		.PANEL ASSY	AH	1
-10P	233N3209-54		.PANEL ASSY	AJ	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1070
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -10Q	233N3209-1025		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	AX,CF	1
-10R	233N3209-1026		.PANEL ASSY- (POST SB 233N3209-24-03)	AY,CG	1
-10S	233N3209-1028		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	AZ,CJ	1
-10T	233N3209-1029		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BA	1
-10U	233N3209-1040		.PANEL ASSY- (POST SB 233N3209-24-03)	BB	1
-10V	233N3209-1041		.PANEL ASSY- (POST SB 233N3209-24-03)	BC	1
-10W	233N3209-1044		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BD	1
-10X	233N3209-1045		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BE	1
-10Y	233N3209-1046		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BF	1
-10Z	233N3209-1047		.PANEL ASSY- (POST SB 233N3209-24-03) (POST SB 233N3209-24-03R1)	BG	1
15	BCREFA0514		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4031) (S3, S4, S11) (SPEC S231T290-4031) (OPT ITEM 15A)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	3

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1071

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -15A	S231T290-5031		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S3, S4, S11) (OPT ITEM 15)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ U,AY, CG	3
-15B	BCREF7615		..SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V81590) (433-673-1001-1031) (S3, S4, S11) (SPEC S231T290-1031)	U,AY, CG	3
-15C	BCREFA0514		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4031) (S3, S4, S11) (SPEC S231T290-4031)	U,AY, CG	3
-15D	BCREFA0514		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4031) (S3, S4, S11) (SPEC S231T290-4031)	W,Z,A A,B A-BC, BT	3
-15E	851-30768-3031		..SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V96182) (S3, S4, S11) (SPEC S231T290-3031)	AB,AD ,BD,B F,B M-BR, BW-CA	3
-15F	BCREF7615		..SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V81590) (433-673-1001-1031) (S3, S4, S11) (SPEC S231T290-1031)	AB,AD ,BD,B F,B M-BR, BW-CA	3
-15G -15H	BCREF19456 4336731004-4231		DELETED ..SWITCH-LIGHTED PUSH BUTTON IND (OFF/ON) (V81590) (S3, S4, S11)	X,A F-AJ	3

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1072

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-20	S231T290-5045		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (S12) (OPT ITEM 20A)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	1
-20A	BCREFA0520		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1004-4045) (S12) (SPEC S231T290-4045) (OPT ITEM 20)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	1
-20B	BCREF7619		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1001-1045) (S12) (SPEC S231T290-1045)	U,AY, CG	1
-20C	BCREFA0520		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1004-4045) (S12) (SPEC S231T290-4045)	U,AY, CG	1
-20D	BCREFA0520		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1004-4045) (S12) (SPEC S231T290-4045)	W,Z,A A,B A-BC, BT	1
-20E	851-30768-3045		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V96182) (S12) (SPEC S231T290-3045)	AB,AD ,BD,B F,B M-BR, BW-CA	1
-20F	851-30768-1045		DELETED		

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1073

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -20G	BCREF7619		..SWITCH-LIGHTED PUSH BUTTON IND (ON/AVAIL) (V81590) (433-673-1001-1045) (S12) (SPEC S231T290-1045)	AB,AD ,BD,B F,B M-BR, BW-CA	1
-20H -20J	BCREF19458 4336731004-4245		DELETED ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (S12)	X,A F-AJ	1
25	S231T290-5064		..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (S9, S10) (OPT ITEM 25A)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	2
-25A	BCREFA0529		..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1004-4064) (S9, S10) (SPEC S231T290-4064) (OPT ITEM 25)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	2
-25B	BCREF7623		..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1001-1064) (S9, S10) (SPEC S231T290-1064)	U,AY, CG	2
-25C	BCREFA0529		..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1004-4064) (S9, S10) (SPEC S231T290-4064)	U,AY, CG	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1074

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -25D	BCREFA0529		..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1004-4064) (S9, S10) (SPEC S231T290-4064)	W,Z,A A,B A-BC, BT	2
-25E	851-30768-3064		..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V96182) (S9, S10) (SPEC S231T290-3064) (OPT ITEM 25G)	AB,AD ,BD,B F,B M-BR, BW-CA	2
-25F -25G	851-30768-1064 BCREF7623		DELETED ..SWITCH-LIGHTED PUSH BUTTON IND (AUTO/ISLN) (V81590) (433-673-1001-1064) (S9, S10) (SPEC S231T290-1064)	AB,AD ,BD,B F,B M-BR, BW-CA	2
-25H -25J	BCREF19461 4336731004-4264		DELETED ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (S9, S10)	X,A F-AJ	2
30	S231T290-5054		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S7) (OPT ITEM 30A)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	1
-30A	BCREFA0522		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4054) (S7) (SPEC S231T290-4054) (OPT ITEM 30)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1075

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -30B	BCREF7621		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1054) (S7) (SPEC S231T290-1054)	U,AY, CG	1
-30C	BCREFA0522		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4054) (S7) (SPEC S231T290-4054)	U,AY, CG	1
-30D	BCREFA0522		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4054) (S7) (SPEC S231T290-4054)	W,Z,A A,B A-BC, BT	1
-30E	851-30768-3054		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S7) (SPEC S231T290-3054)	AB,AD ,BD,B F,B M-BR, BW-CA	1
-30F	BCREF7621		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1054) (S7) (SPEC S231T290-1054)	AB,AD ,BD,B F,B M-BR, BW-CA	1
-30G	BCREF19460		DELETED		
-30H	4336731004-4254		..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (S7)	X,A F-AJ	1
35	S231T290-5053		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (S8) (OPT ITEM 35A)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1076

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -35A	BCREFA0521		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4053) (S8) (SPEC S231T290-4053) (OPT ITEM 35)	T,V,A C,AE, AX,AZ ,BE,B G BS,BU ,BV, CB,CF ,CJ U,AY, CG	1
-35B	BCREF7620		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1053) (S8) (SPEC S231T290-1053)	U,AY, CG	1
-35C	BCREFA0521		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4053) (S8) (SPEC S231T290-4053)	U,AY, CG	1
-35D	BCREFA0521		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1004-4053) (S8) (SPEC S231T290-4053)	W,Z,A A,B A-BC, BT	1
-35E	851-30768-3053		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-3053)	AB,AD ,BD,B F,B M-BR, BW-CA	1
-35F	BCREF7620		..SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1053) (S8) (SPEC S231T290-1053)	AB,AD ,BD,B F,B M-BR, BW-CA	1
-35G -35H	BCREF19459 4336731004-4253		DELETED ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (S8)	X,A F-AJ	1

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1077

Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-45	S231T290-5007		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (851-30768-2007 TOGETHER WITH 851-30768-802 OR -812 OR 433-100-003 SWITCHGUARD I/W BCREFA0502 OR 851-30768-3007 TOGETHER WITH 433-100-003 SWITCHGUARD) (S1, S2) (OPT ITEM 45A)	T, V, A X, AZ, BE, BG , CF, C J	2
-45A	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007) (OPT ITEM 45)	T, V, A X, AZ, BE, BG , CF, C J	2
-45B	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	U	2

24-22-71

ILLUSTRATED PARTS LIST

01.1

Page 1078

Jul 01/04

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -45C	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	U	2
-45D	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	W,Z,A A,BT	2
-45E	851-30768-3007		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (851-30768-2007 TOGETHER WITH 851-30768-802 -812 OR 433-100-003 SWITCHGUARD I/W BCREF7603 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD) (V96182) (S1, S2) (SPEC S231T290-3007)	AB,AD ,BM-B R,B W-CA	2

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1079
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -45F	BCREF7603		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	AB,AD ,BM-B R,B W-CA	2
-45G -45H	BCREF19457 4336731004-4207		DELETED ..SWITCH-LIGHTED PUSHBUTTON (V81590) (S1, S2)	X,A F-AJ	2
-45J -45L	S231T290-5007 BCREF7603		DELETED ..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	AY,CG	2

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1080
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -45M	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USED WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	AY,CG	2
-45N	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USED WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007)	BA-BC	2

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1080A
 Jul 01/04

**COMPONENT
MAINTENANCE MANUAL**

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -45P	851-30768-3007		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-3007) (851-30768-2007 TOGETHER WITH 851-30768-802 -812 OR 433-100-003 SWITCHGUARD I/W BCREF7603 851-30768-3007 BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD)	BD	2
-45Q	BCREF7603		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USED WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	BD	2
-45R	S231T290-5007		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (851-30768-2007 TOGETHER WITH 851-30768-802 OR -812 OR 433-100-003 SWITCHGUARD I/W BCREF7603 OR 851-30768-3007 TOGETHER WITH 433-100-003 SWITCHGUARD) (S1, S2) (OPT ITEM 45S)	AC,AE ,BS,B U,BV, CB	2

24-22-71

ILLUSTRATED PARTS LIST

01.1 Page 1080B

Jul 01/04

BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -45S	BCREFA0502		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1004-4007) (S1, S2) (SPEC S231T290-4007) (OPT ITEM 45R)	AC,AE ,BS,B U,BV, CB	2
-45T	BCREFA0502		DELETED		
-45U	BCREFA0502		DELETED		
-45V	BCREFA0502		DELETED		
-45W	BCREFA0502		DELETED		
-45X	851-30768-3007		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (V96182) (S1, S2) (SPEC S231T290-3007) (851-30768-2007 TOGETHER WITH 851-30768-802 -812 OR 433-100-003 SWITCHGUARD I/W BCREFA0502 OR S231T290-5007 T/W 433-100-003 SWITCHGUARD)	BF	2

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1080C
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -45Y	BCREF7603		..SWITCH-LIGHTED PUSH BUTTON IND (DRIVE) (USED WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (WHEN REPLACING THE PUSHBUTTON SWITCH ASSY OR THE MASTER MODULE WITHIN, VERIFY THAT A CONFIG D MASTER MODULE P/N 13202-001 IS INSTALLED IN LIEU OF ANY EARLIER CONFIGURATION MASTER MODULES.) (V81590) (433-673-1001-1007) (S1, S2) (SPEC S231T290-1007)	BF	2
50	433-100-003		..GUARD-SWITCH (V81590) (SPEC S231T290-822)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	2
55	BCREF8531		..LIGHT ASSY-BUS OFF IND (V81590) (434-674-1031-2021) (L5, L6) (SPEC S231T300-2021)	T-V,X ,Z,AA ,AC,A E-AH, AX-AZ BB,BE ,BG,B S,BV, CF,CG ,CJ	2
-55A -55B	BCREF6249 BCREF8531		DELETED ..LIGHT ASSY-BUS OFF IND (V81590) (434-674-1031-2021) (L5, L6) (SPEC S231T300-2021) (ITEM 55C WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 55B)	W,AB, AD,AJ ,BA,B D,BF, BP-BR BT,BU ,BY- CB	2

24-22-71

ILLUSTRATED PARTS LIST

01.1 Page 1080D

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -55C	S231T300-1021		..LIGHT ASSY-BUS OFF IND (L5, L6) (ITEM 55C WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 55B)	W,AB, AD,AJ ,BA,B D,BF, BP-BR BT,BU ,BY- CB	2
-55D	S231T300-1021		..LIGHT ASSY-BUS OFF IND (L5, L6) (OPT ITEM 55E)	BM,BN ,BW,B X	2
-55E	BCREF8531		..LIGHT ASSY-BUS OFF IND (V81590) (434-674-1031-2021) (L5, L6) (SPEC S231T300-2021) (OPT ITEM 55D)	BM,BN ,BW,B X	2
60 60A	800000121-1 800-000121-1		DELETED ..CONNECTOR-PWR (V05617) (J1)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1
65	233N3209-2		..BASEPLATE ASSY	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1
70	NAS514P632-5		ATTACHING PARTS ..SCREW	T-W, Z-AE, AX-BG ,BM- CB CF,CG ,CJ	4
-70A	FH6C5TPKL12BN		..SCREW- (V12324) -----*	X,A F-AJ	4

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1080E
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-75	DBMB1400-6A1		...STUD ASSY- (V08524) (SPEC BACS21DD1B)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	4
80	SF6G6CBB5D		...NUT- (V12324) (SPEC BACN10PA06-6)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	4
85	233N3209-3		...BASEPLATE	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1
90	NAS1801-06-5		..SCREW	T-W, Z-AE, AX-BG ,BM-B Q,BS BT,B V-CB, CF,CG ,CJ	4
-90A	BACS12HN06-5		..SCREW	X,AG, AJ	4
-90B	BACS12HN06-5		..SCREW- (OPT ITEM 90C)	AF,AH	4
-90C	NAS1801-06-5		..SCREW- (OPT ITEM 90B)	AF,AH	4
-90D	NAS1801-06-4		..SCREW	BR,BU	4

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1080F
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-95	MS35338-41		..WASHER	T-W, Z-AE, AX-BG ,BM- CB CF,CG ,CJ	4
-95A	BACW10EC06S		..WASHER	X,A F-AJ	4
100	69B46200-12		..STANDOFF	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	4
105	NAS1801-04-5		..SCREW	T-W, Z-AE, AX-BG ,BM- CB CF,CG ,CJ	8
-105A	BACS12HN04-5		..SCREW	X,AG, AJ	8
-105B	BACS12HN04-5		..SCREW- (OPT ITEM 105C)	AF,AH	8
-105C	NAS1801-04-5		..SCREW- (OPT ITEM 105B)	AF,AH	8

24-22-71

ILLUSTRATED PARTS LIST

01.1 Page 1080G

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-107	BACS12HN04-5		..SCREW	X	3
110	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	8
112	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	X	3
115	BACC45FN16-10P		..CONNECTOR- (J4)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1
120	BACC45FN22-55P7		..CONNECTOR- (J3)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1
125	BACC45FN22-55P6		..CONNECTOR- (J2)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1080H
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-130	BACC45FN16-24P6		..CONNECTOR- (J5)	T-X, Z-AJ, AX-BG ,BM- CB CF,CG ,CJ	1
135	233N3209-6		..BRACKET ASSY	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	1
140	FCA410-63		...RELAY- (V78290) (SPEC BACR13CG2AB) (OPT KD4L018 (V35344)) (OPT KD4L036 (V35344)) (OPT BR230DS0115 (V56623)) (OPT ES410-1538 (V99699)) (K1, K2)	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	2
145	BACS16W1		...SOCKET-RELAY (XK1, XK2)	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	2

24-22-71

ILLUSTRATED PARTS LIST

01.1 Page 1080I

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-150	JAN1N649		...DIODE- (CR1, CR2) (OPT ITEM 150A)	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	2
-150A	JANTX1N649-1		...DIODE- (CR1, CR2) (OPT ITEM 150)	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	2
155	4443B9		...TERMINAL- (V88245) (T1-T4)	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	4
160	233N3250-2		...BRACKET-CONN.	T-X, Z-AJ, AX-BG ,BM-B Q,BS BT,B V-BZ, CF,CG ,CJ	1

24-22-71

ILLUSTRATED PARTS LIST

01.1 Page 1080J

Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -165	233N3209-15		..WIRE BUNDLE ASSY	V,AH, AZ,BN ,BQ,B V,BX, BZ,CJ	1
-165A	233N3209-13		..WIRE BUNDLE ASSY	T,U,W ,AB-A G,AJ, AX,AY ,BA BD-BG ,BM,B P,B R-BU, BW,BY CA,CB ,CF,C G	1
-165B	233N3209-42		..WIRE BUNDLE ASSY	Z,BB	1
-165C	233N3209-43		..WIRE BUNDLE ASSY	X,AA, BC	1
170	ES410-1538		..RELAY- (V99699) (SPEC BACR13CG2AB) (OPT KD4L018 (V35344)) (OPT BR230DS0115 (V56623)) (OPT KD4L036 (V58657)) (OPT FCA410-63 (V78290)) (K1, K2)	BR,BU ,CA, CB	2

24-22-71

ILLUSTRATED PARTS LIST

01.1 Page 1080K

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-175	BACS16W1		..SOCKET-RELAY (XK1, XK2)	BR,BU ,CA, CB	2
180	JAN1N649		..DIODE- (CR1, CR2) (OPT ITEM 180A)	BR,BU ,CA, CB	2
-180A	JANTX1N649-1		..DIODE- (CR1, CR2) (OPT ITEM 180)	BR,BU ,CA, CB	2
185	4443B9		..TERMINAL- (V88245) (T1-T4)	BR,BU ,CA, CB	4
190	233N3250-2		..BRACKET-CONN.	BR,BU ,CA, CB	1
-195	233N6252-1		..KIT-WIRE BUNDLE	CF,CG	1
-195A	233N6252-3		..KIT-WIRE BUNDLE	CJ	1
-200	48-2335-02		...CONTACT-PIN (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))	CF,CG	3

24-22-71

 ILLUSTRATED PARTS LIST
 01.1 Page 1080L
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -205	48-2335-02		...CONTACT-PIN (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))	CJ	2
-210	BACS38K12C		...STRAP	CF,CG ,CJ	20
-215	BACS38K12F		...STRAP	CF,CG ,CJ	20
-220	233N6252-5		...SLEEVE-HEAT SHRINK	CF,CG ,CJ	1
-225	233N6252-6		...JUMPER	CF,CG ,CJ	1

- Item Not Illustrated

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1080M
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
03-					
-1	BCREF6249		DELETED		
5	MS25237-387		DELETED		
10	674-1005-1021		DELETED		
15	434-093-001		DELETED		
20	434-1005-1021		DELETED		

- Item Not Illustrated

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1080N
 Jul 01/04



BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
04-					
-1	851-30768-2031		DELETED		
5	MS25237-387		DELETED		
10	MS24515-685AS15		DELETED		
15	851-30768-531		DELETED		
20	851-30768-702		DELETED		
20A	851-30768-714		DELETED		
25	851-30768-823		DELETED		

- Item Not Illustrated

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
05-					
-1	851-30768-2045		DELETED		
5	MS25237-387		DELETED		
10	851-30768-545		DELETED		
15	851-30768-705		DELETED		
20	851-30768-823		DELETED		

- Item Not Illustrated

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
06-					
-1	851-30768-2064		DELETED		
5	MS24515-685AS15		DELETED		
10	MS25237-387		DELETED		
15	851-30768-564		DELETED		
20	851-30768-702		DELETED		
25	851-30768-823		DELETED		

- Item Not Illustrated

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
07-					

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 10800
 Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
07-					
-1	851-30768-2054		DELETED		
5	MS24515-685AS15		DELETED		
10	MS25237-387		DELETED		
15	851-30768-554		DELETED		
20	851-30768-702		DELETED		
25	851-30768-823		DELETED		

- Item Not Illustrated

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
08-					
-1	851-30768-2053		DELETED		
5	MS24515-685AS15		DELETED		
10	MS25237-387		DELETED		
15	851-30768-553		DELETED		
20	851-30768-702		DELETED		
25	851-30768-823		DELETED		

- Item Not Illustrated

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
09-					
-1	851-30768-2007		DELETED		
3	851-30768-879		DELETED		
5	MS25237-387		DELETED		
10	851-30768-507		DELETED		
15	851-30768-709		DELETED		
20	851-30768-823		DELETED		

- Item Not Illustrated

24-22-71

ILLUSTRATED PARTS LIST
 01.1 Page 1080P
 Jul 01/04