

 **BOEING**  
COMPONENT  
MAINTENANCE MANUAL

TO: ALL HOLDERS OF TEMPERATURE CONTROL PANEL ASSEMBLY M14 COMPONENT MAINTENANCE  
MANUAL 21-61-53

REVISION NO. 25 DATED MAR 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

Removed P/N 233T3236-34 and -36 from the title page and the testing section.

1

101,104,106-117,  
145,147,153,155

101,118-124,  
135-136,149,151,  
157,159  
1025

Edited without technical change.

101,103,105,  
107-117,125-133,  
141,143

Updated the part number applicability shown on the component location figures, the test procedure and the schematics.

111,117,121,124,  
128,133

Changed the applicability of the power connector/lightplate test steps.

1002

Added the S231T290 series pushbutton switch interchangeability information.

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HIGHLIGHTS

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## TEMPERATURE CONTROL PANEL ASSEMBLY, M14

PART NUMBERS 233T3100-55,-90,-154,-162,-163,  
-168,-170,-206,-211 THRU  
-214,-252,-254,-256,-257,  
-258,-310  
233T3236-1,-5,-10,-16,-20,-22,-24,  
-26,-28,-29,-31,-32,-33,  
-35,-37,-38,-39,-50,-95,  
-319,-1001,-1005,-1010,  
-1016,-1020,-1022,-1024,  
-1026,-1028,-1029,-1031,  
-1032,-1033,-1035,-1037,  
-1038,-1039,-1050,-1095,  
-1316 THRU -1332,-1336,  
-1345 THRU -1350

COMPONENT MAINTENANCE MANUAL  
WITH  
ILLUSTRATED PARTS LIST

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TITLE PAGE  
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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

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
233T3236-21-01  233T3236-21-1 R1 233T3236-21-03 233T3236-21-1 R2 233T3236-21-1 R3 233T3236-21-3 R1 233T3236-21-5  233T3236-21-5 R1	          21-3          21-9 21-11	PRR C12010 PRR C12011 PRR C12012 PRR B10651 PRR N52566 PRR C12024 MC B1242-001 PRR C12526  PRR B12097R      PRR B12901-10S	OCT 10/82 OCT 10/82 OCT 10/82 JUL 10/83 JUL 10/83 OCT 10/83 JUL 10/85 OCT 10/85 JAN 01/91 APR 01/91 JUL 01/91 OCT 01/91 OCT 01/91 NOV/01/01 JUL 01/02 JUL 01/03

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2	BLANK		*117	MAR 01/04	01.1
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*103	MAR 01/04	01.1	*136	MAR 01/04	01.1
*104	MAR 01/04	01.1	137	JUL 01/03	01.101
*105	MAR 01/04	01.1	138	JUL 01/03	01.101
*106	MAR 01/04	01.1	139	JUL 01/03	01.1
*107	MAR 01/04	01.1	140	JUL 01/03	01.1
*108	MAR 01/04	01.1	*141	MAR 01/04	01.1
*109	MAR 01/04	01.1	142	BLANK	
*110	MAR 01/04	01.1	*143	MAR 01/04	01.1
*111	MAR 01/04	01.1	144	BLANK	
			*145	MAR 01/04	01.1
			146	BLANK	
			*147	MAR 01/04	01.1
			148	BLANK	
			*149	MAR 01/04	01.1
			150	BLANK	
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160	BLANK		*1030	MAR 01/04	01.101
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162	BLANK		*1032	MAR 01/04	01.101
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601	JUL 01/03	01.1	*1038	MAR 01/04	01.101
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*1002	MAR 01/04	01.1	*1042	MAR 01/04	01.101
*1003	BLANK		*1043	BLANK	
*1004	MAR 01/04	01.101	*1044	MAR 01/04	01.101
*1005	MAR 01/04	01.101	*1045	MAR 01/04	01.101
*1006	MAR 01/04	01.101	*1046	MAR 01/04	01.101
*1007	MAR 01/04	01.101	*1047	MAR 01/04	01.101
*1008	MAR 01/04	01.101	*1048	MAR 01/04	01.101
*1009	MAR 01/04	01.101	*1049	MAR 01/04	01.101
*1010	MAR 01/04	01.101	*1050	MAR 01/04	01.101
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*1012	MAR 01/04	01.101	*1052	MAR 01/04	01.101
*1013	MAR 01/04	01.101	*1053	MAR 01/04	01.101
*1014	MAR 01/04	01.101	*1054	MAR 01/04	01.101
*1015	MAR 01/04	01.101	*1055	MAR 01/04	01.101
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*1017	MAR 01/04	01.101	*1057	MAR 01/04	01.101
*1018	MAR 01/04	01.101	*1058	MAR 01/04	01.101
*1019	MAR 01/04	01.101	*1059	MAR 01/04	01.101
*1020	MAR 01/04	01.101	*1060	MAR 01/04	01.101
*1021	MAR 01/04	01.101	*1061	MAR 01/04	01.101
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*1068	MAR 01/04	01.101			
*1069	MAR 01/04	01.101			
*1070	MAR 01/04	01.101			
*1071	MAR 01/04	01.101			
*1072	MAR 01/04	01.101			
*1073	MAR 01/04	01.101			
*1074	MAR 01/04	01.101			

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\*[1] Use applicable procedures in SOPM 20-11-04 and SOPM 20-11-05 and standard industry practices.

\*[2] Special instructions not required.



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 &<br>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                      Nov. 3, 1986

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INTRODUCTION

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TEMPERATURE CONTROL PANEL ASSEMBLY M14

DESCRIPTION AND OPERATION

1. Description

- A. The temperature control panel assembly consists of a baseplate assembly and a support bracket. The baseplate assembly includes indicators and push button and rotary switches. Connectors and variable resistors are mounted on the support bracket, which is attached to the baseplate assembly by standoffs. A wire bundle assembly interconnects the components on the support bracket and baseplate assembly.

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DESCRIPTION & OPERATION

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TESTING AND TROUBLE SHOOTING

1. Test Equipment

- A. Multimeter: Any of the Simpson 260 series multimeters or equivalent
- B. Power supply: 0-30v dc variable, 0.50 amp
- C. Test connectors: BACC45FT18-31S and BACC45FT20-41S7. Boeing breakout box A33003-2 with cables A33003-35 and -49 may be used.

2. Functional Test

- A. Connect BACC45FT18-31S to J1. Connect BACC45FT20-41S7 to J2.
- B. Refer to Fig. 101 for component locations. Perform test steps listed in:

(1) Fig. 102: 233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50,  
-1001, -1005, -1010, -1016, -1020, -1022, -1033,  
-1035, -1050, -1316 thru -1323, -1328, -1329,  
-1336  
233T3100-55 (with 233T3236-1 installed), -90, -154 (with  
233T3236-10 installed), -162, -163, -168 (with 233T3236-1  
installed), -170 (with 233T3236-10 installed), -206 (with  
233T3236-16 installed), -252, -254, -310

(2) Fig. 103: 233T3236-29, -32, -39, -1029, -1032, -1039, -1327,  
-1332;  
233T3100-214, -258

(3) Fig. 104: 233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026,  
-1028, -1031, -1037, -1038, -1095, -1324 thru  
-1326, -1330, -1331, -1345 thru -1350  
233T3100-55 (with 233T3236-31 installed), -154 (with  
233T3236-24 installed), -168 (with 233T3236-31  
installed), -170 (with 233T3236-24 installed), -206 (with  
233T3236-28 installed), -211 thru -213, -256 (with  
233T3236-37 or -95 installed), -257

(4) Fig. 104A: 233T3236-319

- C. Test R515, R516, R517, and R571 (233T3236-10, -22, -24, -26, -29, -32,  
-35, -37, -39, -95, -1010, -1022, -1024, -1026, -1029, -1032, -1035,  
-1037, -1039, -1095, -1319, -1320, -1323 thru -1325, -1327, -1329, -1330,  
-1332, -1345, -1346, -1350 and 233T3100-154, -163, -170, -211, -212,  
-214, -254, -256, -258 only) per manufacturer's instructions. Refer to  
OHM/CMM Index D6-47081. This index provides the ATA number and revision  
status for overhaul and component maintenance manuals (for reference  
only, AlliedSignal CMM 21-61-02 and CMM 21-61-08 provide a coverage for  
P/N 625868-1 temperature selector and P/N 1150010-1 temperature selector,  
respectively).

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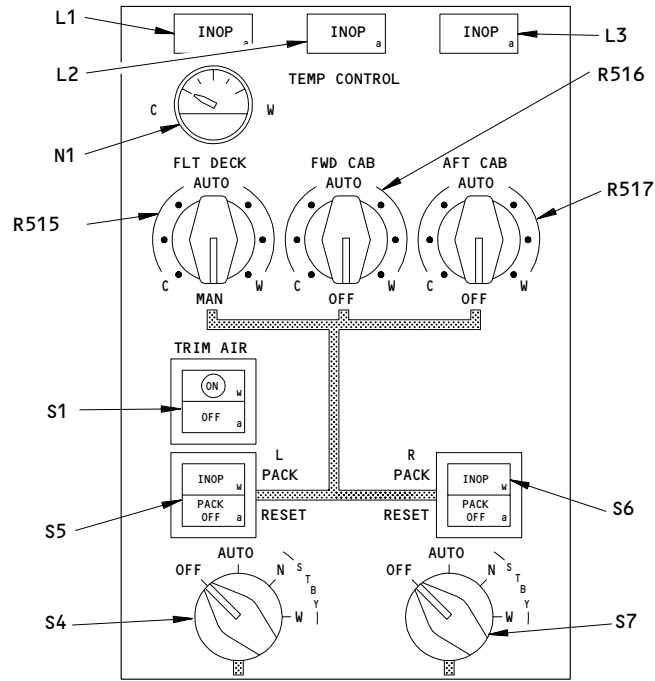
- D. Test N1 indicator per Fig. 105.
- E. Upon completion of the functional test procedure, preset R2 and R3 potentiometers (POTs). Rotate R2 fully clockwise (CW) and R3 fully counter clockwise (CCW), and adjust the POTs as follows:

<u>POT</u>	<u>Rotate</u>	<u>Measure ohms between</u>	<u>Resistance (<math>\Omega</math>)</u>
R2	CCW	N1-(-4) and J1-10	18.2K, $\pm 10\%$
R3	CW	N1-(-4) and J1-10	14.2K, $\pm 10\%$

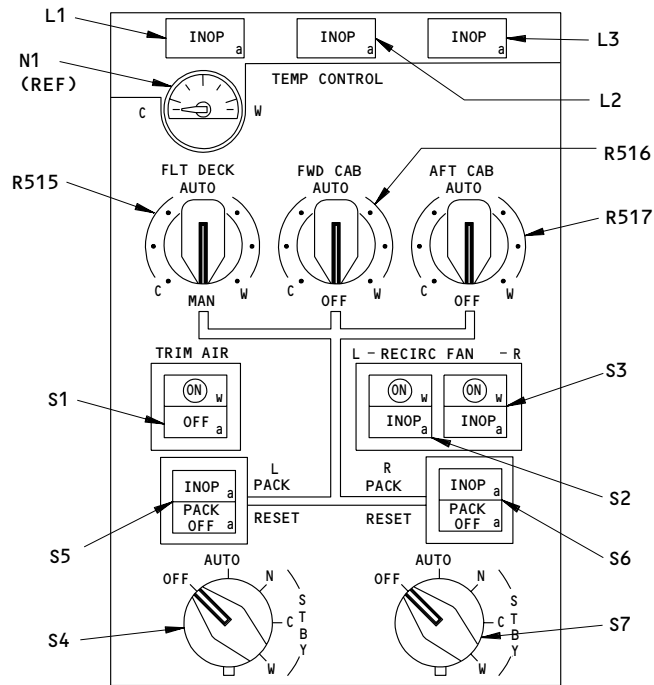
NOTE: R2 and R3 POTs should be re-adjusted upon installation of the M14 panel.

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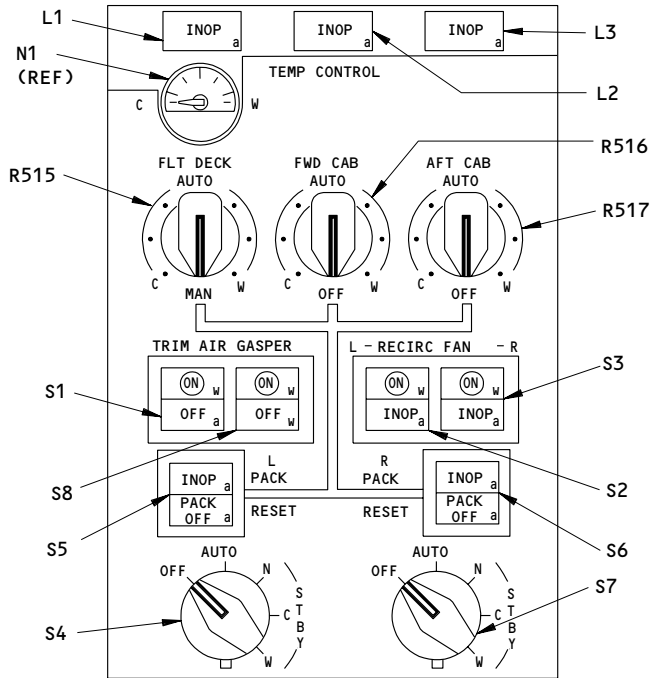
233T3236-319



233T3100-55,-168,-206,-213,-252,-257  
233T3236-1,-16,-28,-31,-33,-38,-1001,-1016,-1028,-1031,-1033,  
-1038,-1316,-1317,-1321,-1326,-1328,-1331,-1347,-1348,-1349

Component Locations  
Figure 101

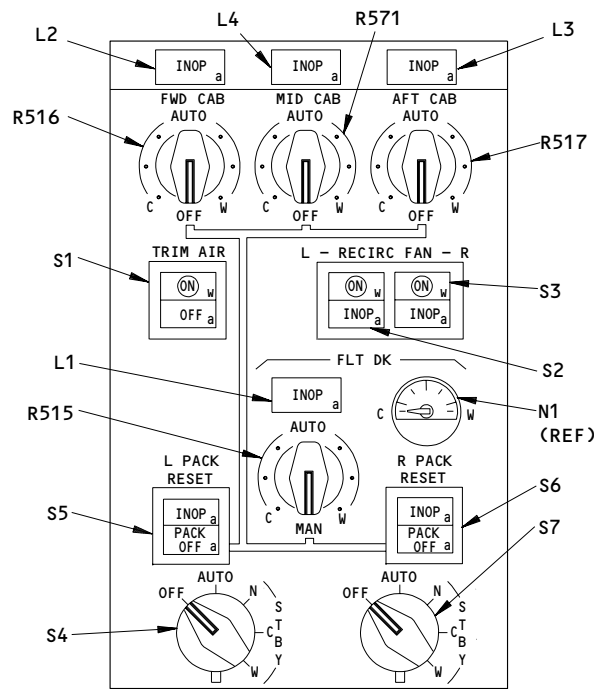
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233T3100-90,-162,-310  
 233T3236-5,-20,-50,-1005,-1020,-1050,-1318,-1322,-1336  
 Component Locations  
 Figure 101A

101159

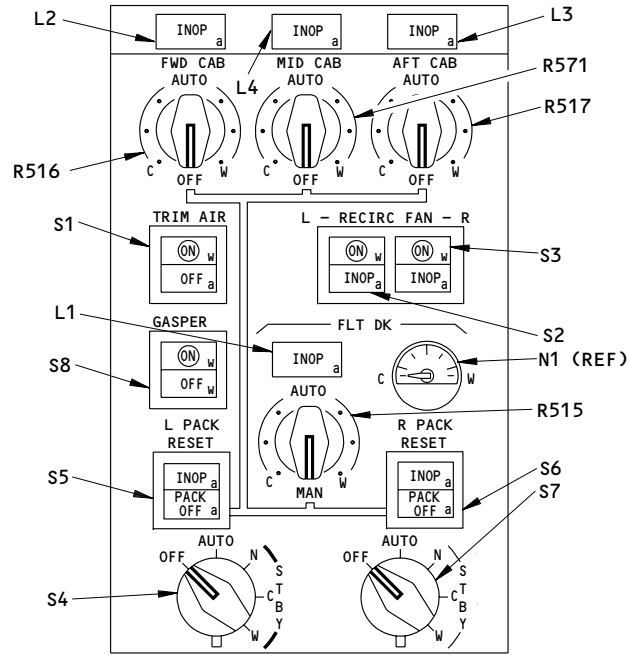
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233T3100-154,-170,-211,-212,-254,-256  
233T3236-10,-24,-26,-35,-37,-95,-1010,-1024,-1026,-1035,-1037,-1095,  
-1319,-1320,-1324,-1325,-1329,-1330,-1345,-1346,-1350

Component Locations  
Figure 101B

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233T3100-163,-214,-258  
 233T3236-22,-29,-32,-39,-1022,-1029,-1032,-1039,-1323,-1327,-1332  
 Component Locations  
 Figure 101C

101166

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p><u>CAUTION:</u> DO NOT ALLOW WIRES LABELED N1-1, N1-2, N1- (+3), AND N1- (-4) TO TOUCH ONE ANOTHER OR GROUND.</p> <p><u>ALL ASSEMBLIES:</u></p> <p>Test for continuity (less than 3 ohms) or open (greater than 15,000 ohms) between the specified pins.</p>	<p style="text-align: center;"><u>Continuity</u>          <u>Open</u></p>	
S1-TRIM AIR-off	J2-33 to J2-35    J2-33 to J2-34 J2-27 to J2-32 J2-27 to J2-8	S1
S1 on	J2-33 to J2-34    J2-33 to J2-35 J2-27 to J2-32 J2-27 to J2-8	S1
S2-L RECIRC FAN-off	J1-27 to J1-16	S2
S2 on	J1-27 to J1-16	S2

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001, -1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050, -1316 thru -1323, -1328, -1329, -1336;  
 233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162, -163, -168 (with 233T3236-1), -170 (with 233T3236-10), -206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 1)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
S4-L PACK CONT-AUTO (Pos. 2):	<u>Continuity</u> J1-29 to J1-16	S2,S4
S3-R RECIRC FAN-off	<u>Open</u> J2-27 to J2-16	S3
S3 on	J2-27 to J2-16	S3
S1-TRIM AIR-off	J2-16 to J2-32	S1,S3
S4-L PACK CONT-OFF (CCW Pos. 1)	J2-31 to J2-20 J1-18 to J1-19 J1-27 to J1-29 J2-31 to J2-21	S4
S4 AUTO (Pos. 2)	J1-18 to J1-19 J2-31 to J2-20 J2-31 to J2-21 J2-31 to J2-22 J1-27 to J1-29 J2-31 to J2-23 J2-31 to J2-24	S4
S4 STBY-N (Pos. 3)	J1-27 to J1-29 J1-18 to J1-19 J2-31 to J2-22 J2-31 to J2-21 J2-31 to J2-23 J2-31 to J2-24	S4
S4 STBY-C (Pos. 4)	J1-27 to J1-29 J1-18 to J1-19 J2-31 to J2-23 J2-31 to J2-22 J2-31 to J2-24	S4
S4 STBY-W (Pos. 5)	J1-27 to J1-29 J1-18 to J1-19 J2-31 to J2-24 J2-31 to J2-23	S4
S5-L PACK RESET-off	J1-27 to J1-15	S5

## Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001,  
 -1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
 -1316 thru -1323, -1328, -1329, -1336;  
 233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
 -163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
 -206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 2)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
S5 on (Depress and hold) S4-L PACK CONT-AUTO (Pos. 2) S5 off (Release)	<u>Continuity</u> J1-27 to J1-15 J1-29 to J1-15	<u>Open</u> S5 S4,S5
S6-R PACK RESET-off	J2-27 to J2-15	S6
S6 on (Depress and hold) S1-TRIM AIR-off S6 off (Release)	J2-27 to J2-15 J2-15 to J2-32	S6 S1,S6
S7-R PACK CONT-OFF (CCW Pos. 1)	J1-31 to J1-20 J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21 J1-31 to J1-24	S7
S7 AUTO (Pos. 2)	J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21 J1-31 to J1-20 J1-31 to J1-22 J1-31 to J1-23 J1-31 to J1-24	S7
S7 STBY-N (Pos. 3)	J2-27 to J2-29 J1-31 to J1-22 J2-18 to J2-19 J1-31 to J1-21 J1-31 to J1-23 J1-31 to J1-24	S7
S7 STBY-C (Pos. 4)	J2-27 to J2-29 J1-31 to J1-23 J2-18 to J2-19 J1-31 to J1-22 J1-31 to J1-24	S7

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001,  
-1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
-1316 thru -1323, -1328, -1329, -1336;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
-163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
-206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 3)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST						
S7 STBY-W (Pos. 5)	<table border="0"> <tr> <td><u>Continuity</u></td> <td><u>Open</u></td> </tr> <tr> <td>J2-27 to J2-29</td> <td>J2-18 to J2-19</td> </tr> <tr> <td>J1-31 to J1-24</td> <td>J1-31 to J1-23</td> </tr> </table>	<u>Continuity</u>	<u>Open</u>	J2-27 to J2-29	J2-18 to J2-19	J1-31 to J1-24	J1-31 to J1-23	S7
<u>Continuity</u>	<u>Open</u>							
J2-27 to J2-29	J2-18 to J2-19							
J1-31 to J1-24	J1-31 to J1-23							
<del>233T3236-5, -20, -22, -50, -1005, -1020, -1022, -1050, -1318, -1322, -1323, -1336; 233T3100-90, -162, -163, -310</del>								
S8-GASPER-off	J1-27 to J1-5	S8						
S8 on S4-L PACK CONT-AUTO (Pos. 2)	J1-27 to J1-5 J1-29 to J1-5	S8 S4,S8						

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001,  
-1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
-1316 thru -1323, -1328, -1329, -1336;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
-163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
-206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 4)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<u>ALL ASSEMBLIES:</u>	<u>Continuity</u> <u>Open</u>	
	<u>ASSEMBLIES WITHOUT LIGHTPLATES:</u>	
S1-TRIM AIR-, S2-L RECIRC FAN-, S3-R RECIRC FAN-off	J1-2 to base-      J1-1 to J1-2 plate J1-1 to center of lightplate connector	J3
	<u>ALL ASSEMBLIES:</u>	
	J1-9 to J1-11	wiring
Measure ohms between J1-10 and N1-(-4):		
R2 full CW R3 full CW	7.5 K ± 10%	R4
R2 full CW R3 full CCW	17.5 K ±10%	R3
R2 full CCW R3 full CW	8.5 K ±10%	R2
Measure ohms between J1-9 and N1-(-4)		
R2 full CCW R3 full CW	7.5 K ±10%	R4

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001,  
-1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
-1316 thru -1323, -1328, -1329, -1336;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
-163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
-206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 5)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Remove multimeter.  Apply +28v dc and ground as specified below.  Connect J1-3 to +28v dc. Ground one pin at a time:	Both bulbs illuminating legend must light when specified switch/indicator is on, otherwise remain off.	
J1-4	S2 INOP, S5 PACK OFF and INOP, <u>233T3236-5, -20, -22, -50, -1005, -1020, -1022, -1050, -1318, -1323, -1336; 233T3100-90, -162, -163, -310;</u> S8 OFF	S2, S5  S8
J1-17	<u>ALL ASSEMBLIES:</u> S2 INOP	S2
J1-14	S5 PACK OFF	S5
J1-13	S5 INOP	S5

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001, -1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050, -1316 thru -1323, -1328, -1329, -1336;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162, -163, -168 (with 233T3236-1), -170 (with 233T3236-10), -206 (with 233T3236-16), -252, -254, -310  
Figure 102 (Sheet 6)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<del>233T3236-5, -50, -1005, -1050, -1318, -1336;</del> J1-6	<del>233T3100-90, -310:</del> S8 OFF	S8
<del>233T3236-20, -22, -1020, -1022, -1322, -1323;</del> J1-6, set S8 to off J1-6, set S8 to on. Leave in depressed position.	<del>233T3100-162, -163:</del> S8 OFF off S8 OFF on	S8 S8
<p><u>ALL ASSEMBLIES:</u> Remove +28v dc and ground connections.</p>		

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001,  
 -1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
 -1316 thru -1323, -1328, -1329, -1336;  
 233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
 -163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
 -206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 7)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Connect J2-3 to +28v dc. Ground one pin at a time:		
J2-4	L1, L2, L3, S1 OFF, S3 INOP, S6 PACK OFF and INOP <u>233T3236-10,-22,-35,-1010,-1022,-1035,-1319,-1320,-1323,-1329; 233T3100-154,-163,-170,-254:</u> L4 INOP	L1,L2,L3,S1, S3,S6  L4
J2-5	<u>ALL ASSEMBLIES:</u> L1 INOP	L1
J2-6	L2 INOP	L2
J2-7	L3 INOP	L3
J2-32	S1 OFF	S1
J2-17	S3 INOP	S3
J2-14	S6 PACK OFF	S6
J2-13	S6 INOP	S6

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -3, -35, -50, -1001,  
-1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
-1316 thru -1323, -1328, -1329, -1336;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
-163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
-206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 8)

**21-61-53**



TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<del>233T3236-10, -22, -35, -1010, -1022, -1035, -1319, -1320, -1323, -1329; 233T3100-154, -170, -163, -254:</del>		
J2-11	L4 INOP	L4
<b>ALL ASSEMBLIES:</b> Remove +28v dc and ground connections.  Ground J1-3. Connect to +28v dc momentarily:		
J1-4	None	S2, S5, S8
J1-17	None	S2
J1-14	None	S5
J1-13	None	S5
<del>233T3236-5, -20, -22, -50, -1005, -1020, -1022, -1050, -1318, -1322, -1323, -1336; 233T3100-90, -162, -163, -310:</del>		
J1-6	None	S8

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001, -1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050, -1316 thru -1323, -1328, -1329, -1336;  
 233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162, -163, -168 (with 233T3236-1), -170 (with 233T3236-10), -206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 9)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p><u>ALL ASSEMBLIES:</u> Remove +28v dc and ground connections.</p> <p>Ground J2-3. Connect to +28v dc momentarily:</p> <p>J2-4</p> <p>J2-5</p> <p>J2-6</p> <p>J2-7</p> <p>J2-32</p> <p>J2-17</p> <p>J2-14</p> <p>J2-13</p>	<p>None</p> <p>None</p> <p>None</p> <p>None</p> <p>None</p> <p>None</p> <p>None</p> <p>None</p>	<p>L1,L2,L3,S1, S3,S6,L4</p> <p>L1</p> <p>L2</p> <p>L3</p> <p>S1</p> <p>S3</p> <p>S6</p> <p>S6</p>
<p><u>233T3236-10,-22,-35,-1010,-1022,-1035,-1319,-1320,-1323,-1329;</u> <u>233T3100-154,-163,-170,-254:</u></p> <p>J2-11</p>	<p>None</p>	<p>L4</p>

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -50, -1001,  
-1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050,  
-1316 thru -1323, -1328, -1329, -1336;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162,  
-163, -168 (with 233T3236-1), -170 (with 233T3236-10),  
-206 (with 233T3236-16), -252, -254, -310

Figure 102 (Sheet 10)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p><b><u>ALL ASSEMBLIES:</u></b> Remove +28v dc and ground connections.</p> <p>Apply +5v dc to J1-1 and ground J1-2.</p>	<p>Both bulbs must light when specified switch is on, otherwise remain off.</p> <p>S1 S2 S3</p> <p><b><u>ASSEMBLIES WITH LIGHTPLATE:</u></b> All lightplate panel lights are on.</p> <p><u>233T3236-5,-20,-22,-50,-1005,-1020,-1022,-1050,-1318,-1322,-1323,-1336; 233T3100-90,-162,-163,-310:</u> S8</p>	<p>S1 S2 S3</p> <p>J3, Lightplate</p> <p>S8</p>
<p>Remove all connections. Set all switch lights to off position.</p>		

Functional Test

233T3236-1, -5, -10, -16, -20, -22, -33, -35, -36, -50, -1001, -1005, -1010, -1016, -1020, -1022, -1033, -1035, -1050, -1316 thru -1323, -1328, -1329, -1336, -1348;  
233T3100-55 (with 233T3236-1), -90, -154 (with 233T3236-10), -162, -163, -168 (with 233T3236-1), -170 (with 233T3236-10), -206 (with 233T3236-16), -252, -254, -310  
Figure 102 (Sheet 11)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p><b>CAUTION:</b> DO NOT ALLOW WIRES LABELED N1-1, N1-2, N1- (+3), AND N1- (-4) TO TOUCH ONE ANOTHER OR GROUND.</p> <p>Test for continuity (less than 3 ohms) or open (greater than 15,000 ohms) between the specified pins.</p>	<p><u>Continuity</u>      <u>Open</u></p>	
S1-TRIM AIR-off	J2-33 to J2-35 J2-27 to J2-32 J2-27 to J2-8	J2-33 to J2-34 S1
S1 on	J2-33 to J2-34	J2-33 to J2-35 J2-27 to J2-32 J2-27 to J2-8 S1
S2-L RECIRC FAN-off		J1-27 to J1-16 S2
S2 on	J1-27 to J1-16	S2
S4-L PACK CONT-AUTO (Pos. 2):	J1-29 to J1-16	S2,S4
S3-R RECIRC FAN-off		J2-27 to J2-16 S3
S3 on	J2-27 to J2-16	S3
S1-TRIM AIR-off	J2-16 to J2-32	S1,S3

Functional Test  
233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;  
233T3100-214, -258  
Figure 103 (Sheet 1)

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TEST PROCEDURE	REQUIRED RESULTS		COMP TEST
	<u>Continuity</u>	<u>Open</u>	
S4-L PACK CONT-OFF (CCW Pos. 1)	J2-31 to J2-20	J1-18 to J1-19 J1-27 to J1-29 J2-31 to J2-21	S4
S4 AUTO (Pos. 2)	J1-18 to J1-19 J2-31 to J2-21 J1-27 to J1-29	J2-31 to J2-20 J2-31 to J2-22 J2-31 to J2-23 J2-31 to J2-24	S4
S4 STBY-N (Pos. 3)	J1-27 to J1-29 J2-31 to J2-22	J1-18 to J1-19 J2-31 to J2-21 J2-31 to J2-23 J2-31 to J2-24	S4
S4 STBY-C (Pos. 4)	J1-27 to J1-29 J2-31 to J2-23	J1-18 to J1-19 J2-31 to J2-22 J2-31 to J2-24	S4
S4 STBY-W (Pos. 5)	J1-27 to J1-29 J2-31 to J2-24	J1-18 to J1-19 J2-31 to J2-23	S4
S5-L PACK RESET-off		J1-27 to J1-15	S5
S5 on (Depress and hold) S4-L PACK CONT-AUTO (Pos. 2) S5 off (Release)	J1-27 to J1-15 J1-29 to J1-15		S5 S4,S5
S6-R PACK RESET-off		J2-27 to J2-15	S6
S6 on (Depress and hold) S1-TRIM AIR-off S6 off (Release)	J2-27 to J2-15 J2-15 to J2-32		S6 S1,S6

Functional Test  
233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;  
233T3100-214, -258  
Figure 103 (Sheet 2)

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TEST PROCEDURE	REQUIRED RESULTS		COMP TEST
	<u>Continuity</u>	<u>Open</u>	
S7-R PACK CONT-OFF (CCW Pos. 1)	J1-31 to J1-20	J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21 J1-31 to J1-24	S7
S7 AUTO (Pos. 2)	J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21	J1-31 to J1-20 J1-31 to J1-22 J1-31 to J1-23 J1-31 to J1-24	S7
S7 STBY-N (Pos. 3)	J2-27 to J2-29 J1-31 to J1-22	J2-18 to J2-19 J1-31 to J1-21 J1-31 to J1-23 J1-31 to J1-24	S7
S7 STBY-C (Pos. 4)	J2-27 to J2-29 J1-31 to J1-23	J2-18 to J2-19 J1-31 to J1-22 J1-31 to J1-24	S7
S7 STBY-W (Pos. 5)	J2-27 to J2-29 J1-31 to J1-24	J2-18 to J2-19 J1-31 to J1-23	S7
S8-GASPER-off		J1-27 to J1-5	S8
S8 on	J1-27 to J1-5		S8
S4-L PACK CONT-AUTO (Pos. 2)	J1-29 to J1-5		S4,S8

Functional Test  
233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;  
233T3100-214, -258  
Figure 103 (Sheet 3)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p>S1-TRIM AIR-, S2-L RECIRC FAN-, S3-R RECIRC FAN, S8-GASPER FAN-off.</p> <p>Measure ohms between J1-10 and N1-(-4):</p> <p>R2 full CW R3 full CW</p> <p>R2 full CW R3 full CCW</p> <p>R2 full CCW R3 full CW</p> <p>Measure ohms between J1-9 and N1-(-4)</p> <p>R2 full CCW R3 full CW</p> <p>Remove multimeter.</p>	<p><u>Continuity</u>      <u>Open</u></p> <p><u>ASSEMBLIES WITHOUT LIGHTPLATE:</u></p> <p>J1-2 to base-      J1-1 to J1-2 plate</p> <p>J1-1 to center of lightplate connector</p> <p><u>ALL ASSEMBLIES:</u></p> <p>J1-9 to J1-11</p> <p>7.5 K ±10%</p> <p>17.5 K ±10%</p> <p>8.5 K ±10%</p> <p>7.5 K ±10%</p>	<p>J3</p> <p>wiring</p> <p>R4</p> <p>R3</p> <p>R2</p> <p>R4</p>

Functional Test  
233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;  
233T3100-214, -258  
Figure 103 (Sheet 4)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Apply +28v dc and ground as specified below.	Both bulbs illuminating legend must light when specified switch/indicator is on, otherwise remain off.	
Connect J1-25 to +28v dc. Ground one pin at a time:		
J1-26	S5, S6 INOP and PACK OFF	S5,S6
J1-14	S5 PACK OFF	S5
J1-13	S5 INOP	S5
J2-13	S6 INOP	S6
J2-14	S6 PACK OFF	S6
Remove +28v dc and ground connections.		
Connect J1-3 to +28v dc.		
Ground one pin at a time:		
J1-4	S2 INOP, S8 OFF	S2,S8
J1-17	S2 INOP	S2
J1-6, set S8 to on.	S8 OFF	S8
J1-6, set S8 to off.	Indicator off	S8
Remove +28v dc and ground connections.		

## Functional Test

233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;

233T3100-214, -258

Figure 103 (Sheet 5)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Connect J2-3 to +28v dc. Ground one pin at a time:		
J2-4	L1, L2, L3, S1 OFF, S3 INOP, L4 INOP	L1,L2,L3,S1, S3,L4
J2-5	L1 INOP	L1
J2-6	L2 INOP	L2
J2-7	L3 INOP	L3
J2-32	S1 OFF	S1
J2-17	S3 INOP	S3
J2-11	L4 INOP	L4
Remove +28v dc and ground connections.		
Ground J1-3. Connect to +28v dc momentarily:		
J1-4	None	S2,S8
J1-17	None	S2
J1-6, set S8 to on.	None	S8
Remove +28v dc and ground connections.		
Ground J1-25. Connect to 28v dc momentarily:		
J1-14	None	S5
J1-26	None	S5,S6
J1-13	None	S5
J2-13	None	S6
J2-14	None	S6

Functional Test  
233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;  
233T3100-214, -258  
Figure 103 (Sheet 6)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Remove +28v dc and ground connections.		
Ground J2-3. Connect to +28v dc momentarily:		
J2-4	None	L1,L2,L3,S1, S3,L4
J2-5	None	L1
J2-6	None	L2
J2-7	None	L3
J2-32	None	S1
J2-17	None	S3
J2-11	None	L4
Remove +28v dc and ground connections.		
Apply +5v dc to J1-1 and ground J1-2.	Both bulbs must light when specified switch is on, otherwise remain off.	
	S1	S1
	S2	S2
	S3	S3
	S8	S8
	<u>ASSEMBLIES WITH LIGHTPLATE:</u>	
	All lightplate panel lights are on.	J3, Lightplate
Remove all connections. Set all switch lights to off position.		

Functional Test  
233T3236-29, -32, -39, -1029, -1032, -1039, -1327, -1332;  
233T3100-214, -258  
Figure 103 (Sheet 7)

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p><b>CAUTION:</b> DO NOT ALLOW WIRES LABELED N1-1, N1-2, N1- (+3), AND N1- (-4) TO TOUCH ONE ANOTHER OR GROUND.</p> <p>Test for continuity (less than 3 ohms) or open (greater than 15,000 ohms) between the specified pins.</p>	<p style="text-align: center;"><u>Continuity</u>                      <u>Open</u></p>	
S1-TRIM AIR-off	J2-33 to J2-35      J2-33 to J2-34 J2-27 to J2-32 J2-27 to J2-8	S1
S1 on	J2-33 to J2-34      J2-33 to J2-35 J2-27 to J2-32 J2-27 to J2-8	S1
S2-L RECIRC FAN-off	J1-27 to J1-16	S2
S2 on	J1-27 to J1-16	S2

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-32), -170 (with 233T3236-24), -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 1)

TEST PROCEDURE	REQUIRED RESULTS		COMP TEST
	<u>Continuity</u>	<u>Open</u>	
S4-L PACK CONT-AUTO (Pos. 2):	J1-29 to J1-16		S2,S4
S3-R RECIRC FAN-off		J2-27 to J2-16	S3
S3 on	J2-27 to J2-16		S3
S1-TRIM AIR-off	J2-16 to J2-32		S1,S3
S4-L PACK CONT-OFF (CCW Pos. 1)	J2-31 to J2-20	J1-18 to J1-19 J1-27 to J1-29 J2-31 to J2-21	S4
S4 AUTO (Pos. 2)	J1-18 to J1-19 J2-31 to J2-21 J1-27 to J1-29	J2-31 to J2-20 J2-31 to J2-22 J2-31 to J2-23 J2-31 to J2-24	S4
S4 STBY-N (Pos. 3)	J1-27 to J1-29 J2-31 to J2-22	J1-18 to J1-19 J2-31 to J2-21 J2-31 to J2-23 J2-31 to J2-24	S4
S4 STBY-C (Pos. 4)	J1-27 to J1-29 J2-31 to J2-23	J1-18 to J1-19 J2-31 to J2-22 J2-31 to J2-24	S4

## Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 2)

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TEST PROCEDURE	REQUIRED RESULTS		COMP TEST
	<u>Continuity</u>	<u>Open</u>	
S4 STBY-W (Pos. 5)	J1-27 to J1-29 J2-31 to J2-24	J1-18 to J1-19 J2-31 to J2-23	S4
S5-L PACK RESET-off		J1-27 to J1-15	S5
S5 on (Depress and hold) S4-L PACK CONT-AUTO (Pos. 2) S5 off (Release)	J1-27 to J1-15 J1-29 to J1-15		S5 S4,S5
S6-R PACK RESET-off		J2-27 to J2-15	S6
S6 on (Depress and hold) S1-TRIM AIR-off S6 off (Release)	J2-27 to J2-15 J2-15 to J2-32		S6 S1,S6
S7-R PACK CONT-OFF (CCW Pos. 1)	J1-31 to J1-20	J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21 J1-31 to J1-24	S7
S7 AUTO (Pos. 2)	J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21	J1-31 to J1-20 J1-31 to J1-22 J1-31 to J1-23 J1-31 to J1-24	S7
S7 STBY-N (Pos. 3)	J2-27 to J2-29 J1-31 to J1-22	J2-18 to J2-19 J1-31 to J1-21 J1-31 to J1-23 J1-31 to J1-24	S7

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28), -28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 3)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
	<u>Continuity</u> <u>Open</u>	
S7 STBY-C (Pos. 4)	J2-27 to J2-29    J2-18 to J2-19 J1-31 to J1-23    J1-31 to J1-22 J1-31 to J1-24	S7
S7 STBY-W (Pos. 5)	J2-27 to J2-29    J2-18 to J2-19 J1-31 to J1-24    J1-31 to J1-23	S7
	<u>ASSEMBLIES WITHOUT LIGHTPLATE:</u>	
S1-TRIM AIR-, S2-L RECIRC FAN-, S3-R RECIRC FAN-off	J1-2 to base-      J1-1 to J1-2 plate J1-1 to center of lightplate connector	J3
	<u>ALL ASSEMBLIES:</u>	
	J1-9 to J1-11	wiring
Measure ohms between J1-10 and N1-(-4):		
R2 full CW R3 full CW	7.5 K ±10%	R4
R2 full CW R3 full CCW	17.5 K ±10%	R3
R2 full CCW R3 full CW	8.5 K ±10%	R2

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031,  
-1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345  
thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with  
233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28),  
-211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 4)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Measure ohms between J1-9 and N1-(-4)  R2 full CCW R3 full CW  Remove multimeter.  Apply +28v dc and ground as specified below.  Connect J1-3 to +28v dc. Ground one pin at a time:	7.5 K ±10%    Both bulbs illuminating legend must light when specified switch/indicator is set to on position, otherwise remain off.	R4
J1-4 J1-17  Remove +28v dc and ground connections.  Connect J1-25 to +28v dc. Ground one pin at a time:	S2 INOP S2 INOP   S5, S6 PACK OFF AND INOP S5 PACK OFF S5 INOP S6 INOP S6 PACK OFF	S2 S2   S5 S5 S5 S6 S6
J1-26 J1-14 J1-13 J2-13 J2-14		

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-224, -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 5)

**21-61-53**

TESTING & TROUBLE SHOOTING

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TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Remove +28v dc and ground connections.		
Connect J2-3 to +28v dc. Ground one pin at a time:		
J2-4	L1,L2,L3,S3 INOP, S1 OFF, (L4 INOP, 233T3236-24,-26,-37,-95 only)	L1,L2,L3,S1, S3,L4
J2-5	L1 INOP	L1
J2-6	L2 INOP	L2
J2-7	L3 INOP	L3
J2-32	S1 OFF	S1
J2-17	S3 INOP	S3
<del>285T3236-24,-26,-37,-95,-1024,-1026,-1037,-1095,-1324,-1325,-1330,-1345,-1346,-1350; 233T3100-154,-170,-211,-212,-256:</del>		
J2-11	L4 INOP	L4
<u>All assemblies:</u> Remove +28v dc and ground connections.		

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 6)

**21-61-53**



TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p>Ground J1-25. Connect to +28v dc momentarily:</p> <p>J1-26 J1-14 J1-13 J2-14 J2-13</p> <p>Remove +28v dc and ground connections.</p> <p>Ground J1-3. Connect to +28v dc momentarily:</p> <p>J1-4 J1-17</p> <p>Remove +28v dc and ground connections.</p>	<p>None None None None None</p> <p>None None</p>	<p>S6,S5 S5 S5 S6 S6</p> <p>S2 S2</p>

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru 1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 7)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Ground J2-3. Connect to +28v dc momentarily:		
J2-4	None	L1,L2,L3,S1, S3 (285T3236- 24,-26,-37, -95 only) L4
J2-5	None	L1
J2-6	None	L2
J2-7	None	L3
J2-32	None	S1
J2-17	None	S3
<del>285T3236-24,-26,-37,-95,-1024,-1026,-1037,-1095,-1324,-1325,-1330,-1345,-1346,-1350; 233T3100-154,-170,-211,-212,-256:</del>		
J2-11	None	L4
<u>All assemblies:</u> Remove +28v dc and ground connections.		

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru -1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 8)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p>Apply +5v dc to J1-1 and ground J1-2.</p> <p>Turn S1 on Turn S1 off and S2 on Turn S2 off and S3 on</p> <p>Remove all connections. Set all switch lights to off position.</p>	<p>Both bulbs must light when specified switch is on, otherwise remain off.</p> <p><u>ASSEMBLIES WITH LIGHTPLATE:</u></p> <p>All lightplate panel lights are on.</p> <p>Both light bulbs on. Both light bulbs on. Both light bulbs on.</p>	<p>J3, Lightplate</p> <p>S1 S2 S3</p>

Functional Test

233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 thru 1350;

233T3100-55 (with 233T3236-31), -154 (with 233T3236-24), -168 (with 233T3236-31), -170 (with 233T3236-24), -206 (with 233T3236-28), -211 thru -213, -256 (with 233T3236-37 or -95), -257

Figure 104 (Sheet 9)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS		COMP TEST
<p><b>CAUTION:</b> DO NOT ALLOW WIRES LABELED N1-L1, N1-L2, N1- (+), AND N1- (-) TO TOUCH ONE ANOTHER OR GROUND.</p> <p>Test for continuity (less than 3 ohms) or open (greater than 15,000 ohms) between the specified pins.</p>	<p style="text-align: center;"><u>Continuity</u>                  <u>Open</u></p>		
S1-TRIM AIR-off	J2-33 to J2-35 J2-27 to J2-32 J2-27 to J2-8	J2-33 to J2-34	S1
S1 on	J2-33 to J2-34	J2-33 to J2-35 J2-27 to J2-32 J2-27 to J2-8	S1
S4-L PACK CONT-OFF (CCW Pos. 1)	J2-31 to J2-20	J1-18 to J1-19 J1-18 to J1-28 J1-27 to J1-29 J2-31 to J2-21 J2-31 to J2-22 J2-31 to J2-24	S4
S4 AUTO (Pos. 2)	J1-18 to J1-19 J2-31 to J2-21 J1-27 to J1-29	J2-31 to J2-20 J2-31 to J2-22 J2-31 to J2-24 J1-18 to J1-28	S4

Functional Test  
233T3236-319  
Figure 104A (Sheet 1)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS		COMP TEST
	<u>Continuity</u>	<u>Open</u>	
S4 STBY-N (Pos. 3)	J1-27 to J1-29 J2-31 to J2-22 J1-18 to J1-28	J1-18 to J1-19 J2-31 to J2-21 J2-31 to J2-20 J2-31 to J2-24	S4
S4 STBY-C (Pos. 4)	J1-27 to J1-29 J2-31 to J2-24 J1-18 to J1-28	J1-18 to J1-19 J2-31 to J2-22 J2-31 to J2-20 J2-31 to J2-21	S4
S5-L PACK RESET-off		J1-27 to J1-15	S5
S5 on (Depress and hold) S4-L PACK CONT-AUTO (Pos. 2)	J1-27 to J1-15 J1-29 to J1-15		S5 Wiring
S5 off (Release)			
S6-R PACK RESET-off		J2-27 to J2-15	S6
S6 on (Depress and hold) S1-TRIM AIR-off	J2-27 to J2-15 J2-15 to J2-32		S6 Wiring
S6 off (Release)			
S7-R PACK CONT-OFF (CCW Pos. 1)	J1-31 to J1-20	J2-18 to J2-19 J2-18 to J2-28 J2-27 to J2-29 J1-31 to J1-21 J1-31 to J1-24 J1-31 to J1-22	S7
S7 AUTO (Pos. 2)	J2-18 to J2-19 J2-27 to J2-29 J1-31 to J1-21	J1-31 to J1-20 J1-31 to J1-22 J1-31 to J1-24 J2-18 to J2-28	S7
S7 STBY-N (Pos. 3)	J2-27 to J2-29 J1-31 to J1-22 J2-18 to J2-28	J2-18 to J2-19 J1-31 to J1-21 J1-31 to J1-20 J1-31 to J1-24	S7

Functional Test  
233T3236-319  
Figure 104A (Sheet 2)

**21-61-53**

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
S7 STBY-C (Pos. 4)	<u>Continuity</u> <u>Open</u> J2-27 to J2-29    J2-18 to J2-19 J1-31 to J1-24    J1-31 to J1-22 J2-18 to J2-28    J1-31 to J1-20 J1-31 to J1-21	S7
Measure ohms between J1-9 and J1-11.	Continuity	Wiring
Measure ohms between J1-10 and N1-(-):		
R2 full CW R3 full CW	7.5 K ± 10%	R4
R2 full CW R3 full CCW	17.5 K ±10%	R3
R2 full CCW R3 full CW	8.5 K ±10%	R2
Measure ohms between J1-9 and N1-(-)		
R2 full CCW R3 full CW	7.5 K ±10%	R4
Remove multimeter.		
Apply +28v dc and ground as specified below.	Both bulbs illuminating legend must light when specified switch/indicator is on, otherwise remain off.	
Connect J1-25 to +28v dc. Ground one pin at a time:		
J1-26	S5 PACK OFF and INOP S6 PACK OFF and INOP	S5 S6

Functional Test  
 233T3236-319  
 Figure 104A (Sheet 3)

# 21-61-53

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
J1-14 J1-13 J2-13 J2-14	S5 PACK OFF S5 INOP S6 INOP S6 PACK OFF	S5 S5 S6 S6
Remove +28v dc and ground connections.		
Connect J2-3 to +28v dc. Ground one pin at a time:		
J2-4 J2-5 J2-6 J2-7 J2-32	L1, L2, L3, S1 OFF, L1 INOP L2 INOP L3 INOP S1 OFF	L1,L2,L3,S1 L1 L2 L3 S1
Remove +28v dc and ground connections.		
Ground J1-25. Connect to +28v dc momentarily:		
J1-26 J1-14 J1-13 J2-13 J2-14	None None None None None	S5,S6 S5 S5 S6 S6
Remove +28v dc and ground connections.		

Functional Test  
233T3236-319  
Figure 104A (Sheet 4)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
Ground J2-3. Connect to +28v dc momentarily:  J2-4  J2-5 J2-6 J2-7 J2-32  Remove +28v dc and ground connections.  Apply +5v dc to J1-1 and ground J1-2.  Remove all connections. Set all switch lights to off position.	None  None None None None  S1 ON is on when pushed in, all lightplate panel lights are on	L1,L2,L3,S1  L1 L2 L3 S1  S1 J3, Lightplate

Functional Test  
 233T3236-319  
 Figure 104A (Sheet 5)

**21-61-53**

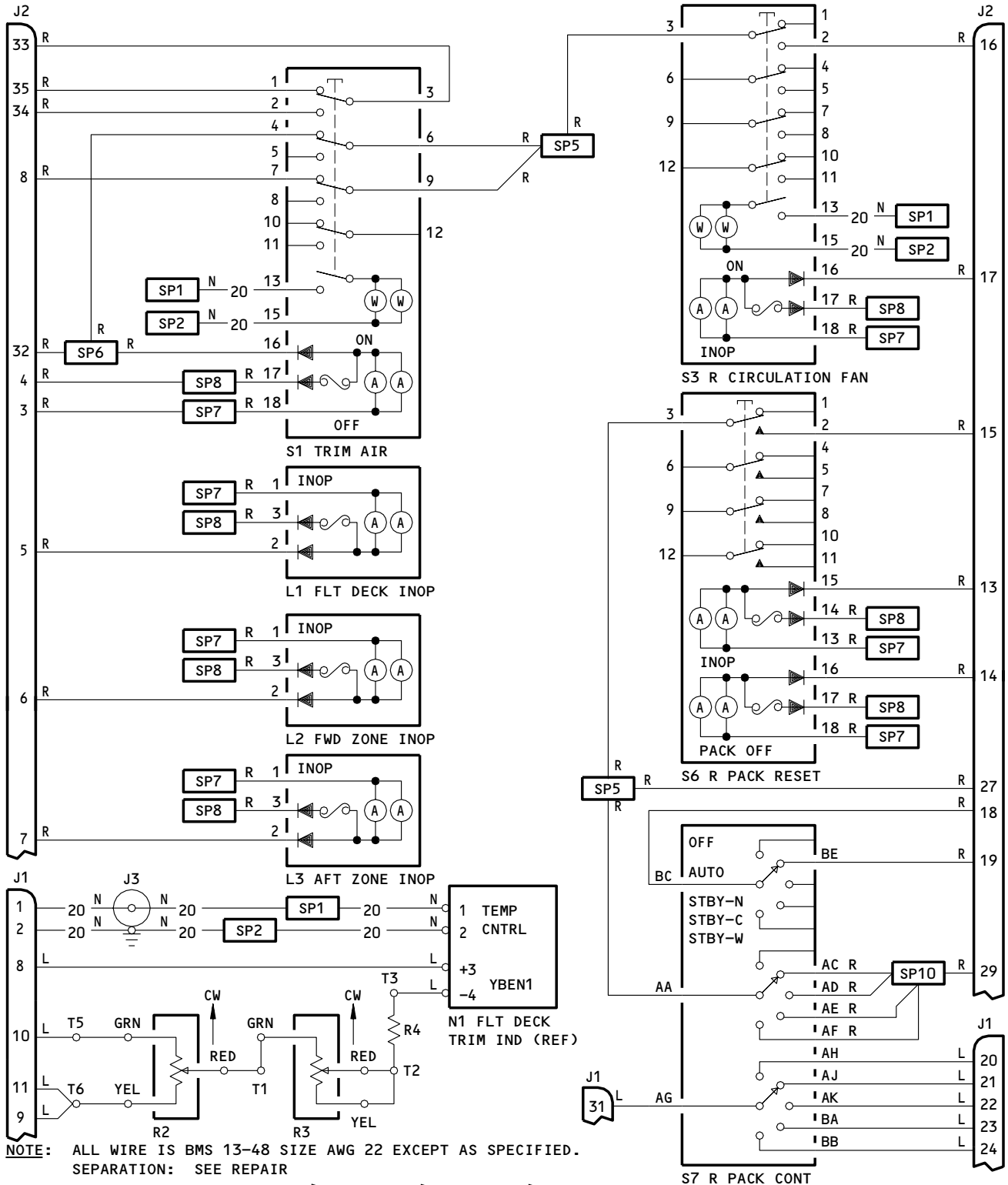


TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p><u>N1 Indicator Test</u></p> <p><u>NOTE:</u> N1 is not a part of module assembly and may or may not be installed when module is sent to shop.</p> <p>Connect in series:</p> <p>dc power source set to 0            100k resistor            Pin J1-8</p> <p>Connect J1-10 to ground</p> <p>Set R2 and R3 full CW</p> <p>Set panel in normal operating position (approx 5 degrees back of vertical)</p> <p>Tap instrument gently before taking readings</p>		

Functional Test  
 Figure 105 (Sheet 1)

TEST PROCEDURE	REQUIRED RESULTS	COMP TEST
<p>Slowly increase dc input to obtain listed microampere readings. Verify that pointer indications are reached within listed microampere tolerance:</p> <p style="text-align: center;"><u>Input Current</u> <u>(Microamperes)</u></p> <p style="text-align: center;">0 to 5            5 to 15            25 to 35            45 to 55            65 to 75            85 to 95            95 to 105</p> <p>Set input power to 0.</p> <p>Remove all connections.</p>	<p style="text-align: center;"><u>Pointer Position</u></p> <p style="text-align: center;">0            10 (Major mark)            30 (Intermediate mark)            50 (Major mark)            70 (Intermediate mark)            90 (Major mark)            100 (Full scale)</p>	<p style="text-align: center;">N1</p>

Functional Test  
 Figure 105 (Sheet 2)

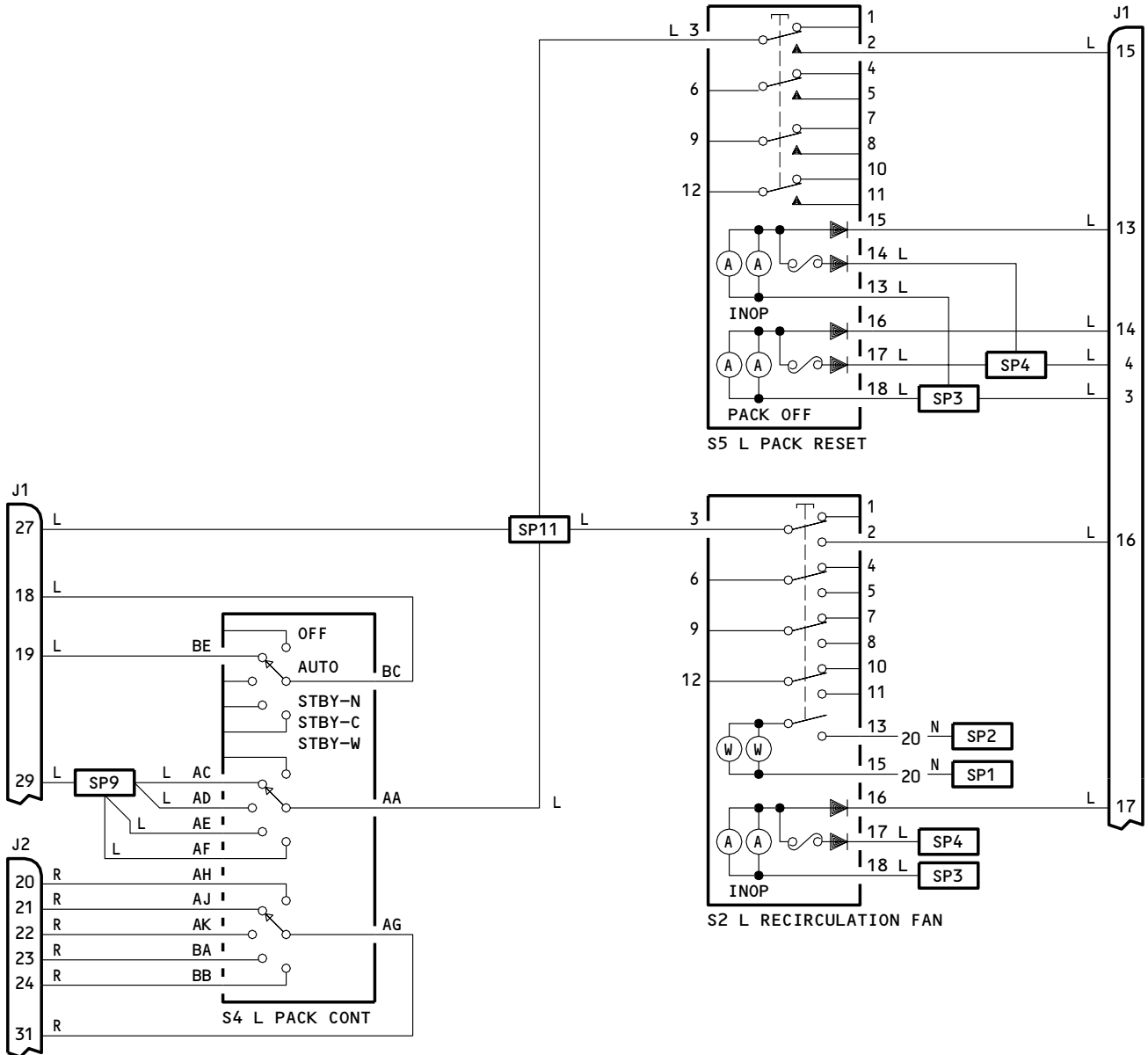


NOTE: ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-55<sup>1</sup>, -168<sup>1</sup>, -206<sup>2</sup>, -252<sup>2</sup>  
233T3236-1, -16, -33, -1001, -1016, -1033, -1316, -1317, -1321, -1328

Schematic Diagram  
Figure 106 (Sheet 1)

**21-61-53**



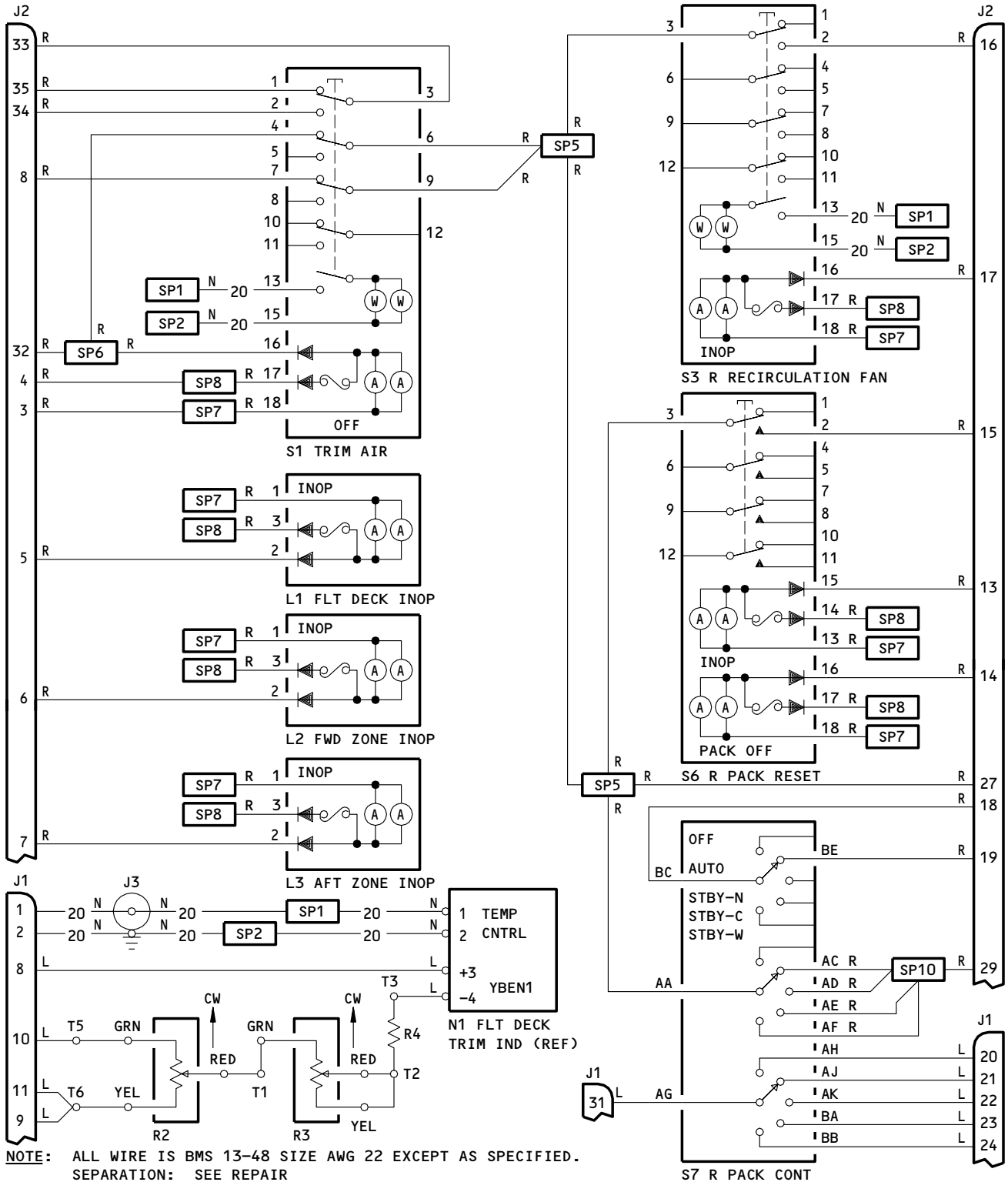
**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

- 1 233T3100-55 OR -168 WITH 233T3236-1 INSTALLED
- 2 233T3100-206 WITH 233T3236-16 INSTALLED

233T3100-55 1, -168 1, -206 2, -252  
233T3236-1, -16, -33, -1001, -1016, -1033, -1316, -1317, -1321, -1328

Schematic Diagram  
Figure 106 (Sheet 2)

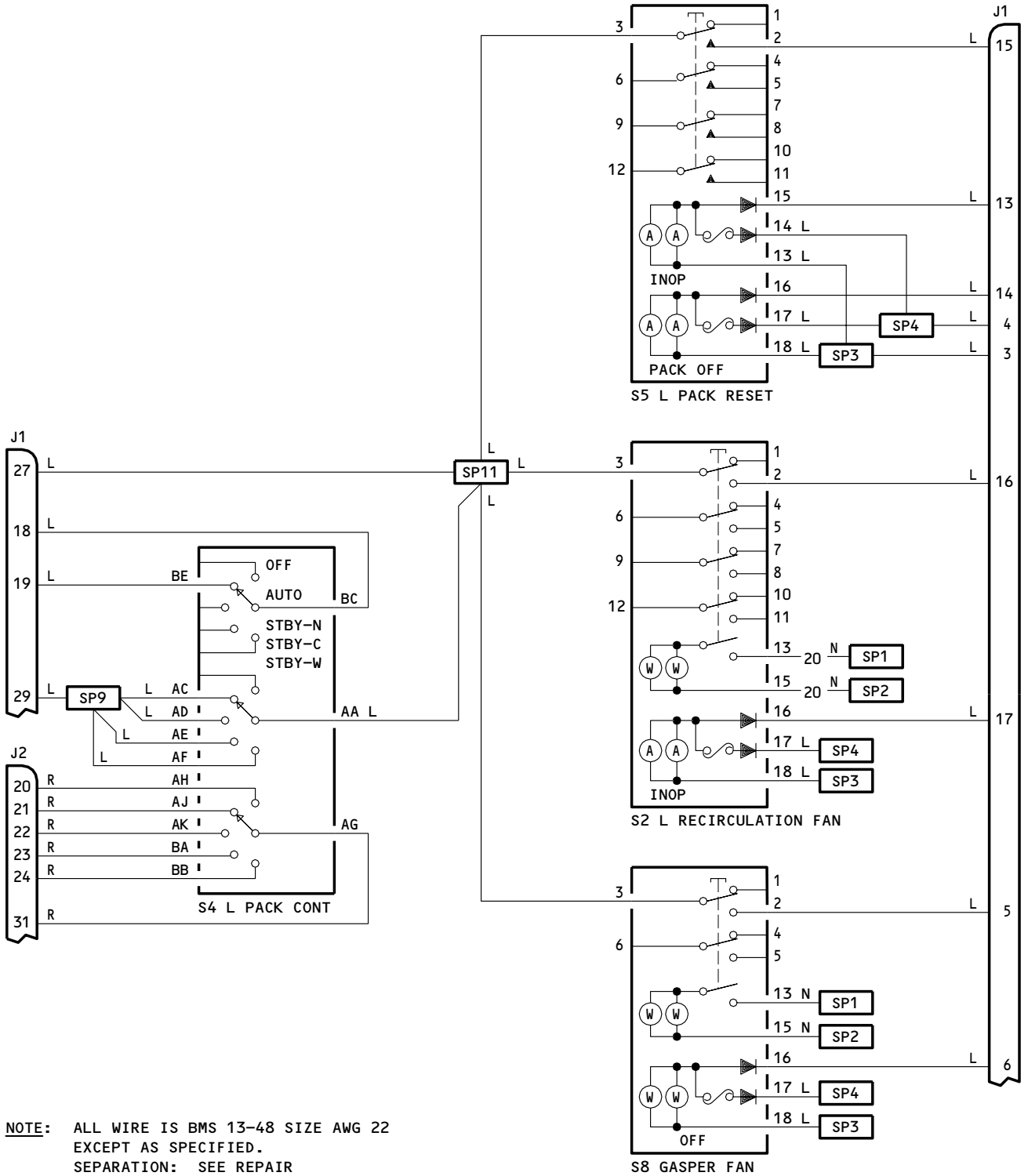
**21-61-53**



NOTE: ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-90,-310  
233T3236-5,-50,-1005,-1050,-1318,-1336  
Schematic Diagram  
Figure 107 (Sheet 1)

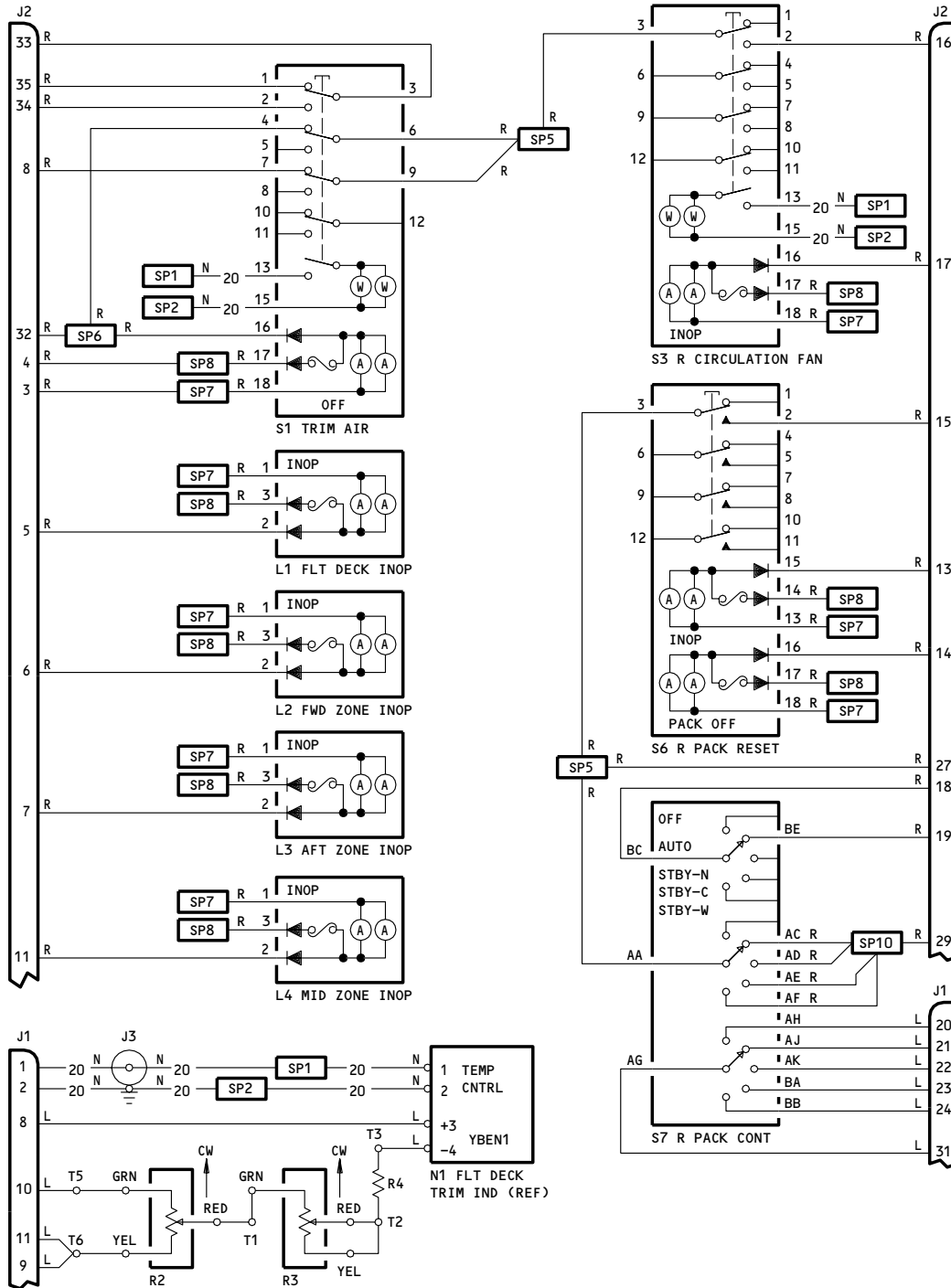
21-61-53



**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-90,-310  
233T3236-5,-50,-1005,-1050,-1318,-1336  
Schematic Diagram  
Figure 107 (Sheet 2)

**21-61-53**



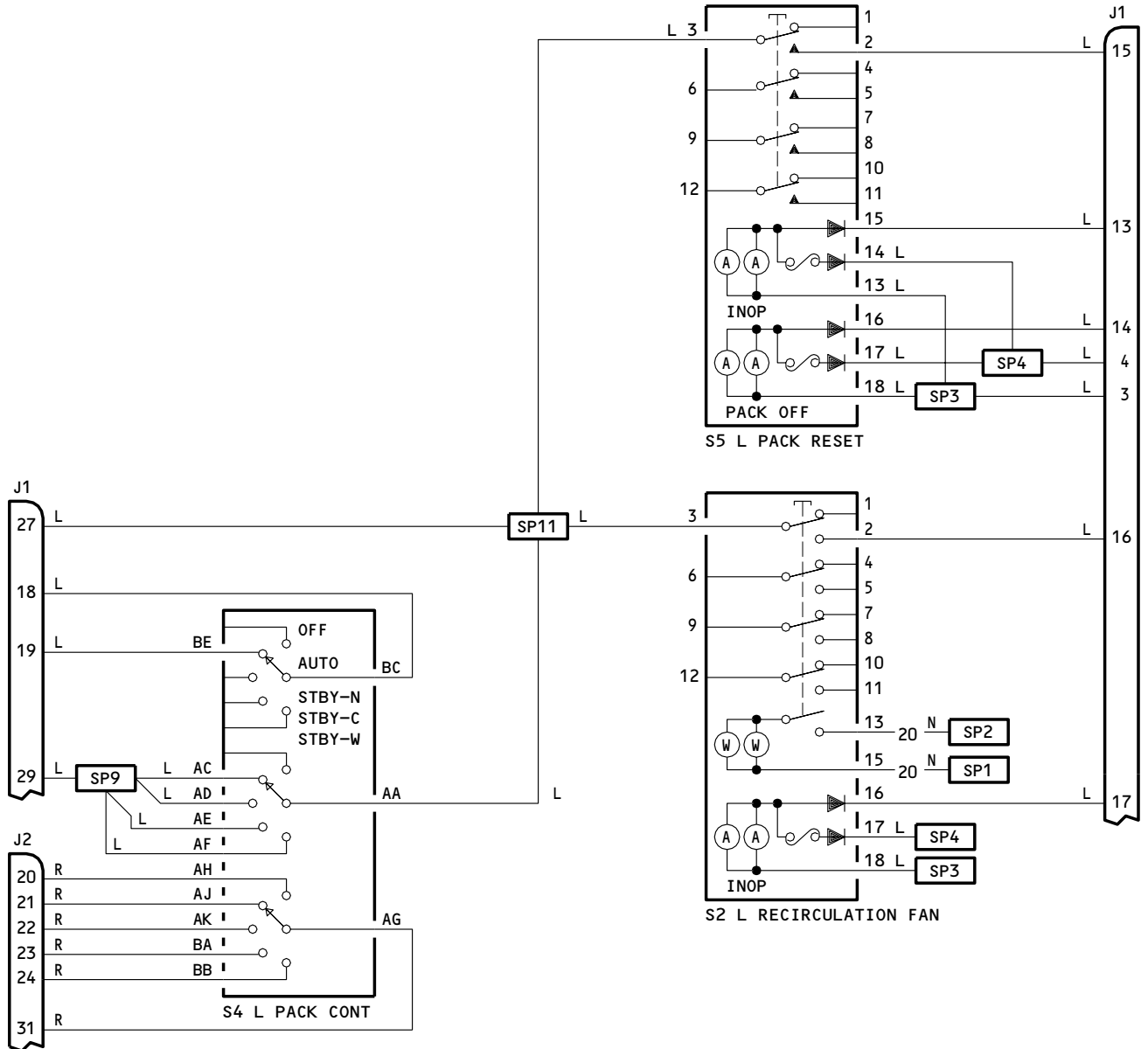
**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-154 -170 -254  
233T3236-10, -35, -1010, -1035, -1319, -1320, -1329

Schematic Diagram  
Figure 108 (Sheet 1)

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**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

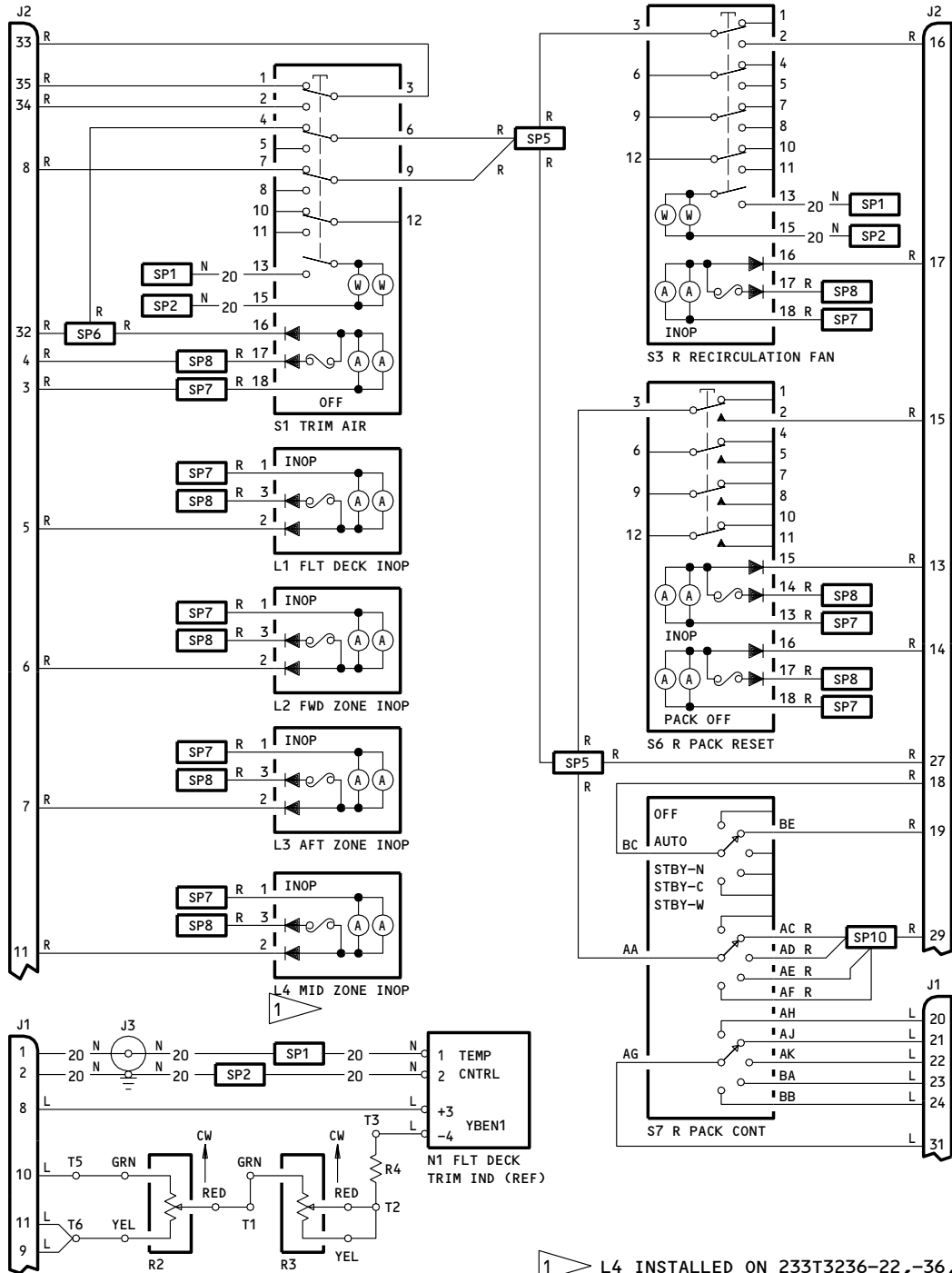
1 233T3100-154 OR -170 WITH 233T3236-10 INSTALLED

233T3100-154 1, -170 1, -254  
233T3236-10, -35, -1010, -1035, -1319, -1320, -1329

Schematic Diagram  
Figure 108 (Sheet 2)

**21-61-53**



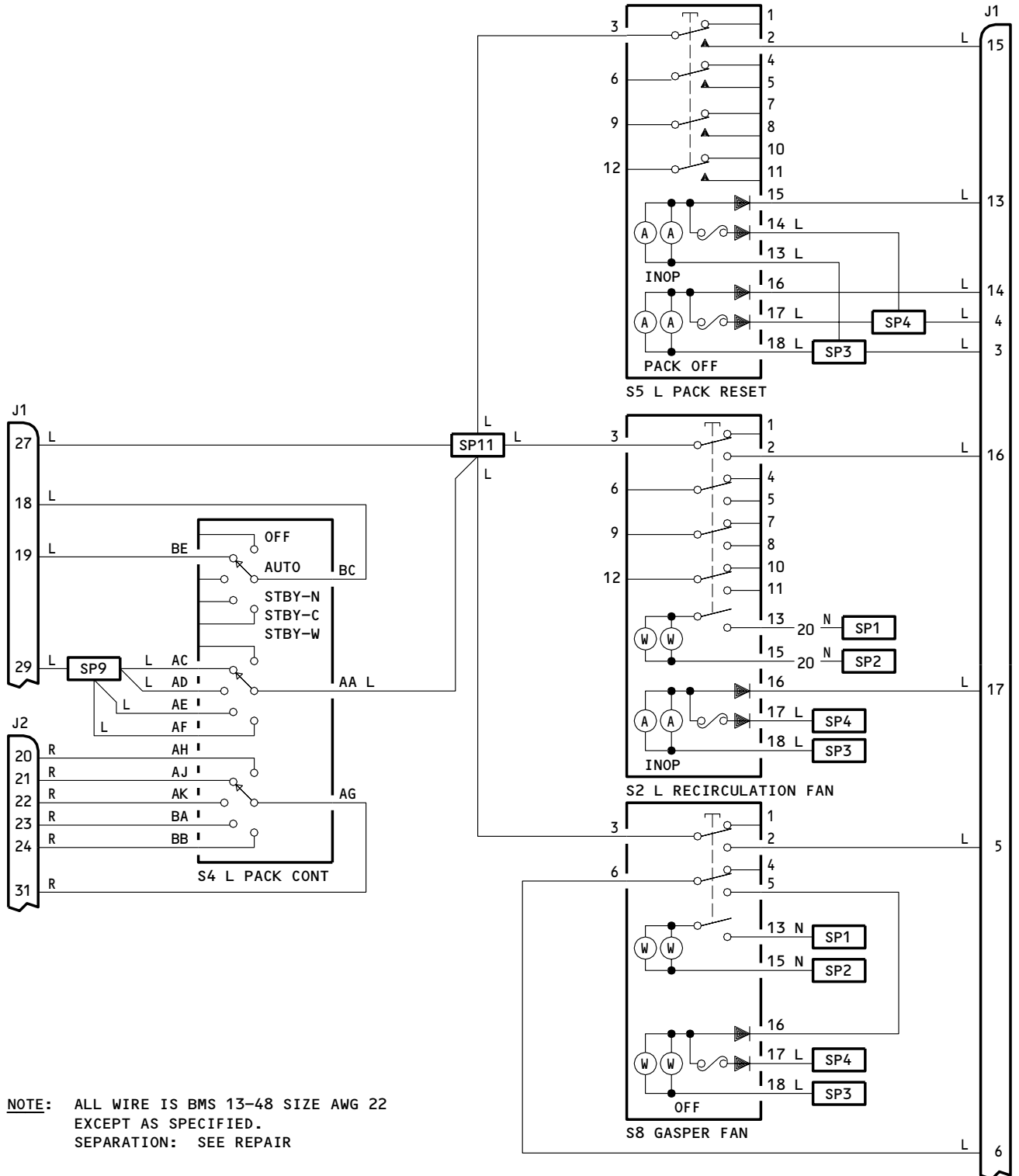


**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

1 L4 INSTALLED ON 233T3236-22,-36,-1022,-1323; 233T3100-163

233T3100-162,-163  
233T3236-20,-22,-1020,-1022,-1322,-1323  
Schematic Diagram  
Figure 109 (Sheet 1)

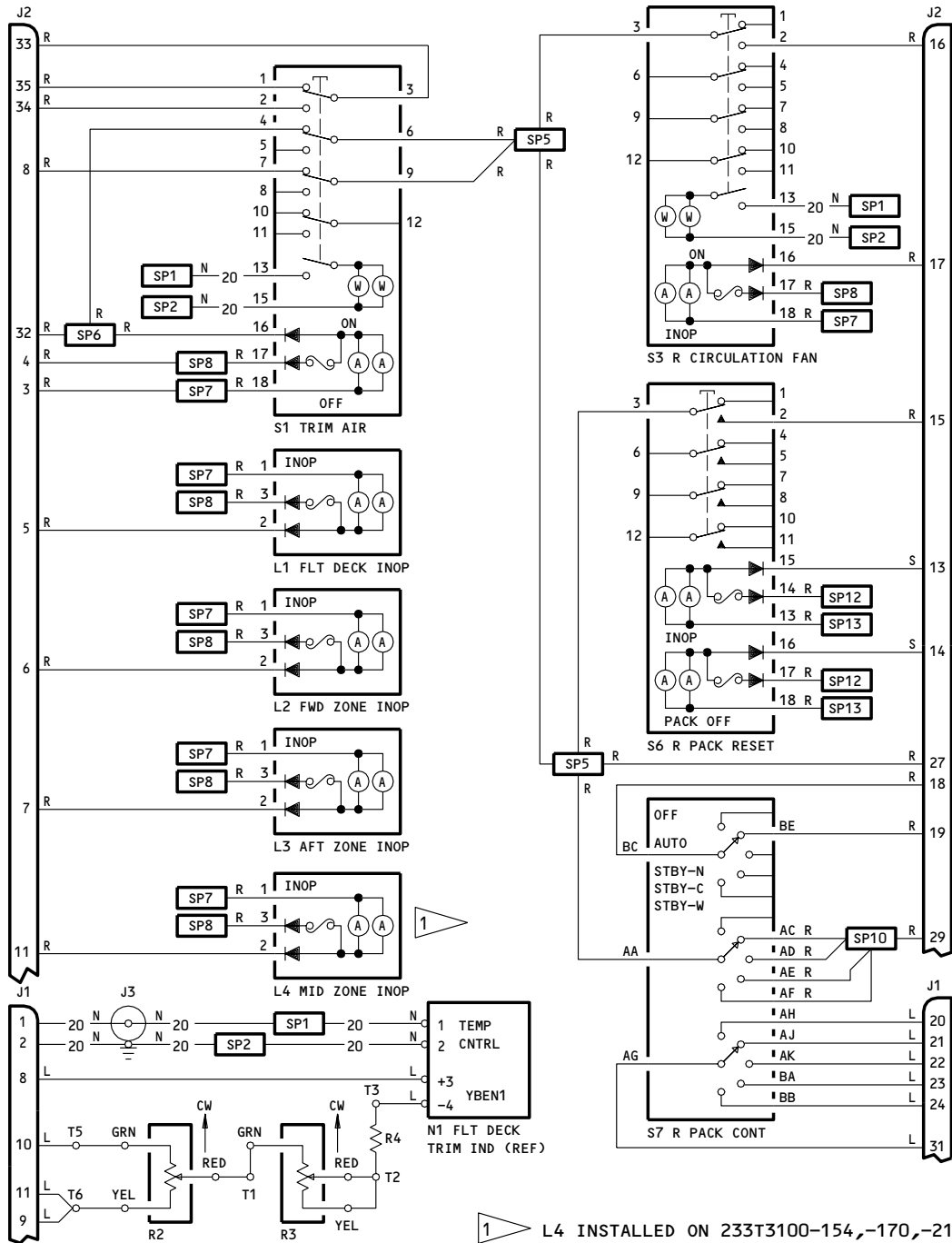
**21-61-53**



**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-162,-163  
233T3236-20,-22,-1020,-1022,-1322,-1323  
Schematic Diagram  
Figure 109 (Sheet 2)

**21-61-53**



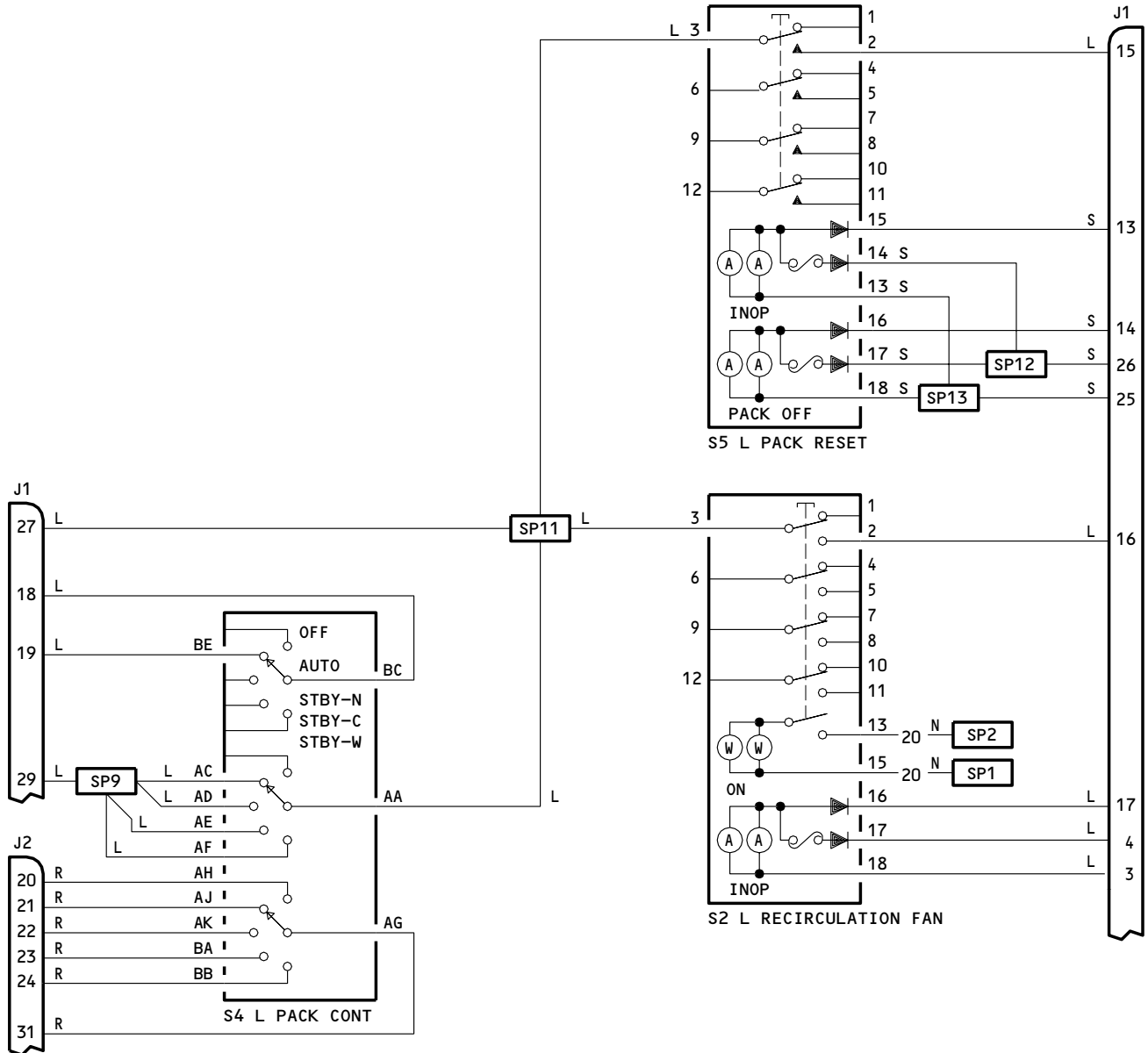
**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED. SEE REPAIR FOR WIRE SEPARATION CATEGORIES

1 L4 INSTALLED ON 233T3100-154,-170,-211,-212,-256; 233T3236-24,-26,-37,-95,-1024,-1026,-1037,-1095,-1324,-1325,-1330,-1345,-1346,-1350 ONLY

233T3100-55<sup>3</sup>, -154<sup>2</sup>, -168<sup>3</sup>, -170<sup>2</sup>, -206<sup>4</sup>, -211, -212, -213, -256, -257  
233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095, -1324, -1325, -1326, -1330, -1331, -1345 THRU -1350

Schematic Diagram  
Figure 110 (Sheet 1)

21-61-53



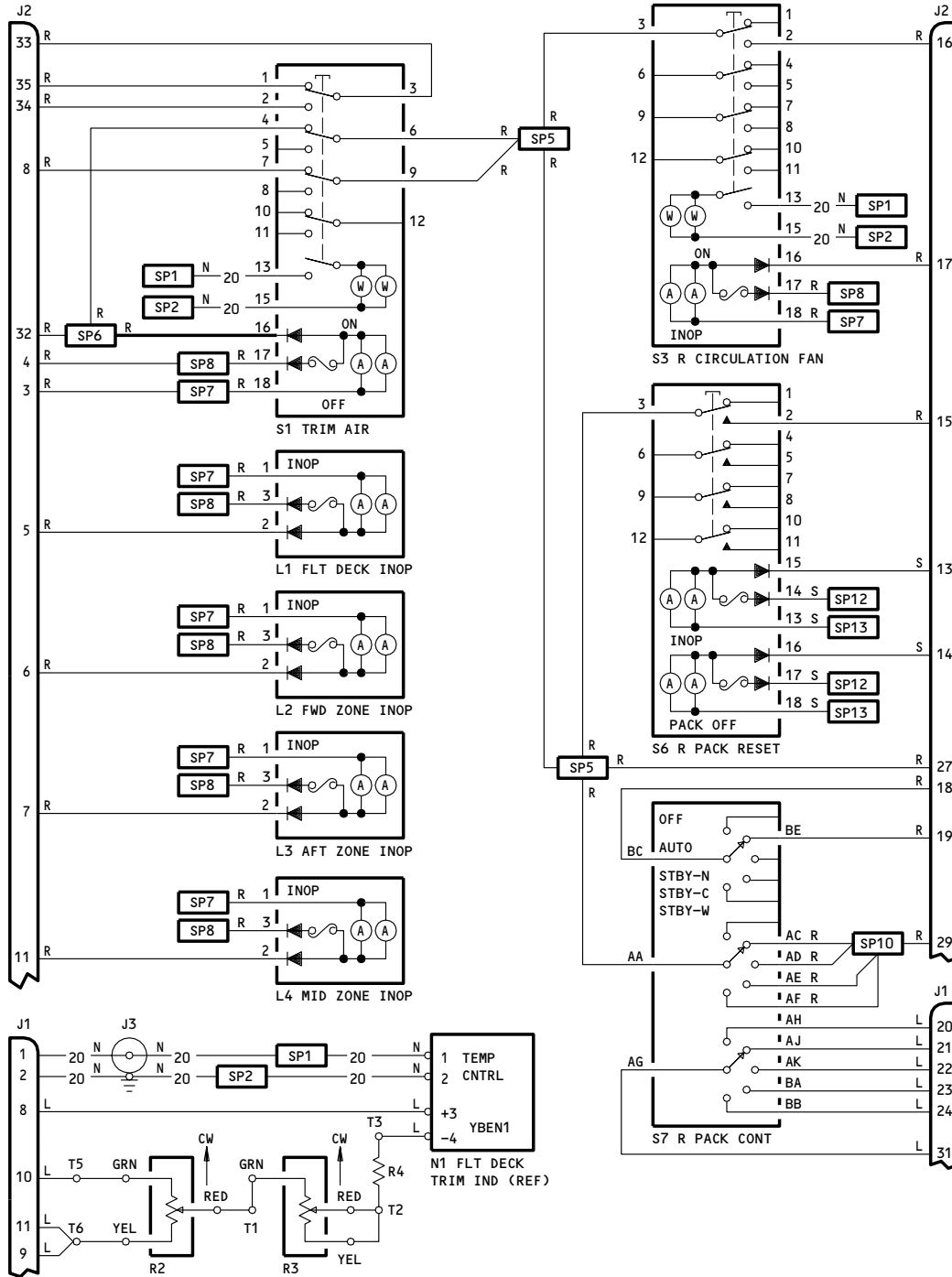
**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22 EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

- 2 233T3100-154 OR -170 WITH 233T3236-24 INSTALLED
- 3 233T3100-55 OR -168 WITH 233T3236-31 INSTALLED
- 4 233T3100-206 WITH 233T3236-28 INSTALLED

233T3100-55<sup>3</sup>, -154<sup>2</sup>, -168<sup>3</sup>, -170<sup>2</sup>, -206<sup>4</sup>, -211, -212, -213, -256, -257  
233T3236-24, -26, -28, -31, -37, -38, -95, -1024, -1026, -1028, -1031, -1037, -1038, -1095,  
-1324, -1325, -1326, -1330, -1331, -1345 THRU -1350

Schematic Diagram  
Figure 110 (Sheet 2)

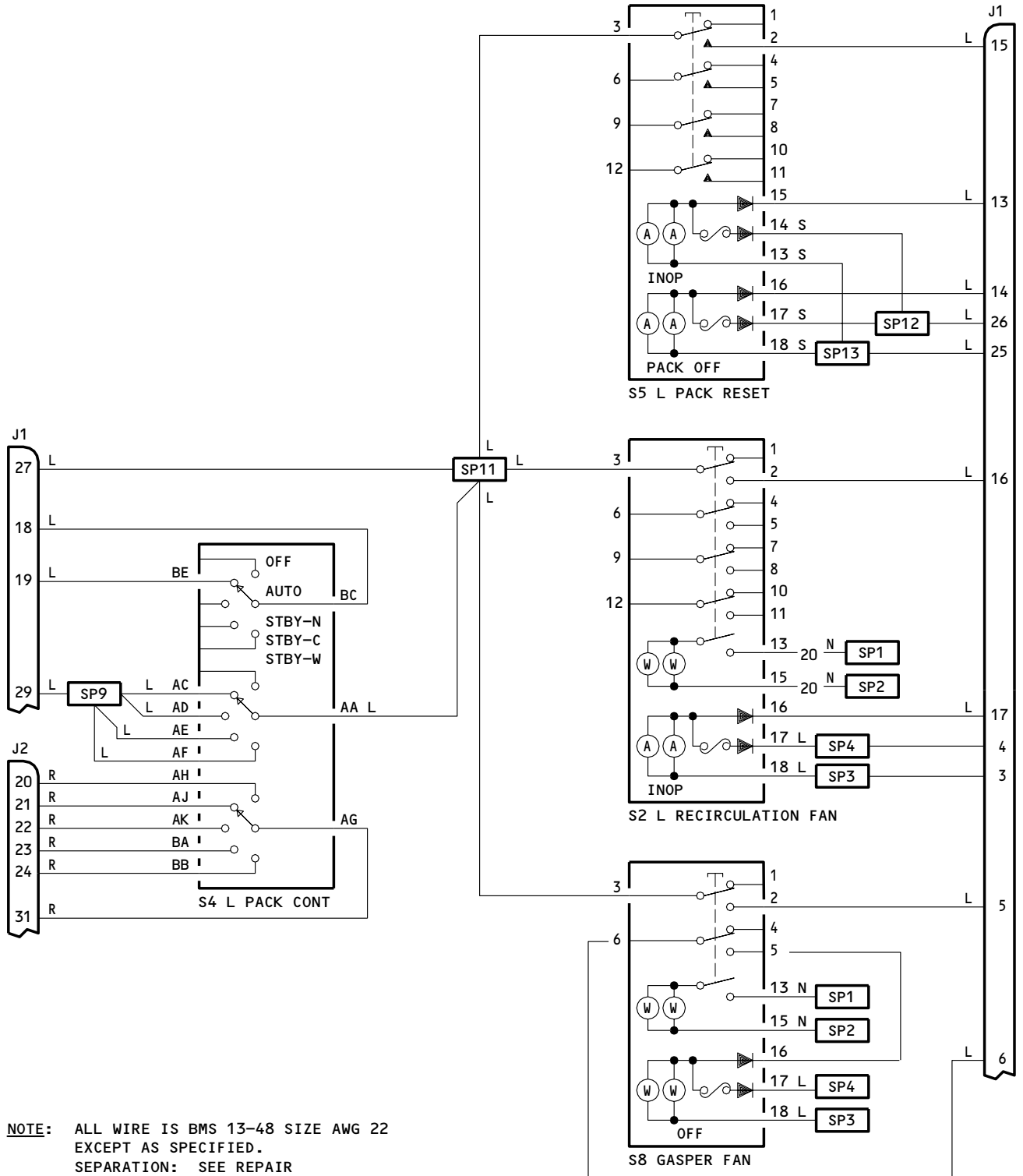
**21-61-53**



**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-214,-258  
233T3236-29,-32,-39,-1029,-1032,-1039,-1327,-1332  
Schematic Diagram  
Figure 111 (Sheet 1)

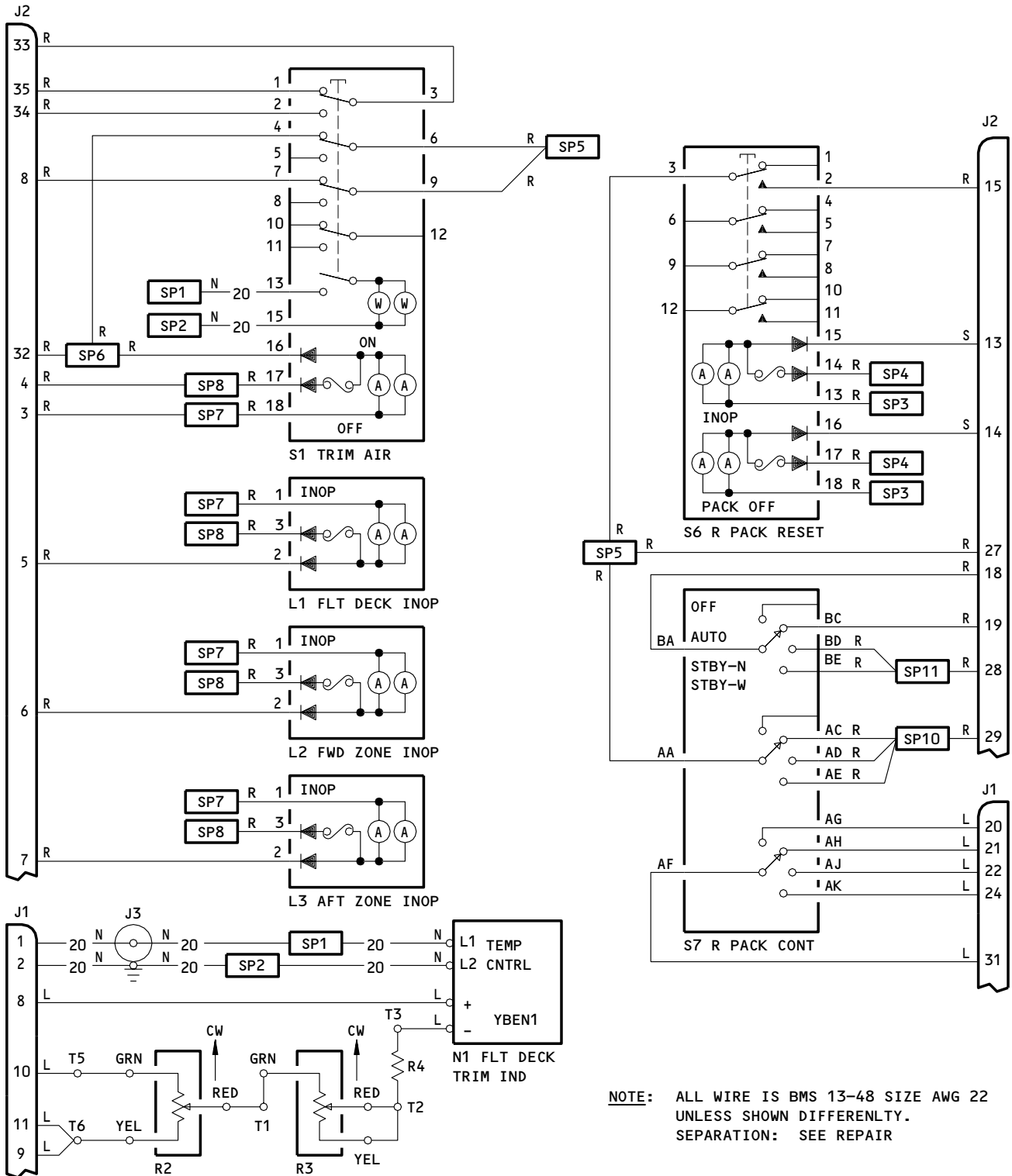
**21-61-53**



**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
EXCEPT AS SPECIFIED.  
SEPARATION: SEE REPAIR

233T3100-214,-258  
233T3236-29,-32,-39,-1029,-1032,-1039,-1327,-1332  
Schematic Diagram  
Figure 111 (Sheet 2)

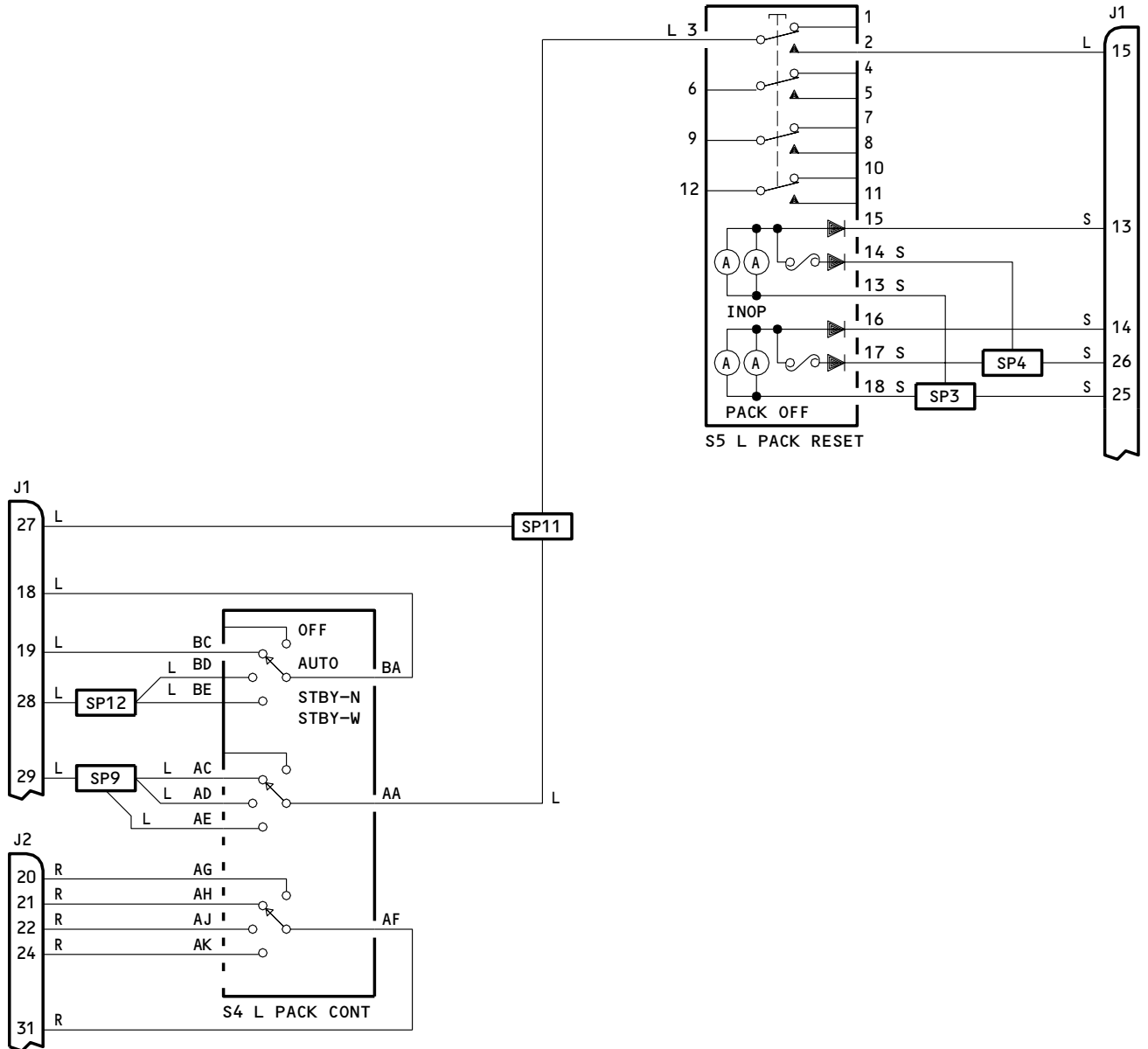
**21-61-53**



**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
 UNLESS SHOWN DIFFERENTLY.  
 SEPARATION: SEE REPAIR

233T3236-319  
 Schematic Diagram  
 Figure 112 (Sheet 1)

**21-61-53**



**NOTE:** ALL WIRE IS BMS 13-48 SIZE AWG 22  
UNLESS SHOWN DIFFERENTLY.  
SEPARATION: SEE REPAIR

233T3236-319  
Schematic Diagram  
Figure 112 (Sheet 2)

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TESTING & TROUBLE SHOOTING  
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REPAIR

1. Materials

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

2. All repairs may be performed with the standard industry practices and procedures in SOPM 20-11-04 and SOPM 20-11-05 except as listed below.

A. When wires are replaced, a minimum spacing of one-quarter inch must be maintained between bundle categories labeled in the schematic. Wires labeled N may be bundled with wires of any category. Separators (63-9273-2) or Varglas sleeving may be used to assure proper spacing. Bundles are color-coded as follows: L (Red), R (green), S (blue), and N (white).

B. When you replace the Korry lighted pushbutton switch shown below, 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 13206-001.

(1) IPL Fig. 1, Item 20D, 20E, 25D, 25E, 30D, 30E, 33E

(2) IPL Fig. 2, Item 15D, 25D, 35D, 37C

(3) IPL Fig. 3, Item 40, 45

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REPAIR-GENERAL

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ILLUSTRATED PARTS LIST

1. This section lists and illustrated 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 are 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.

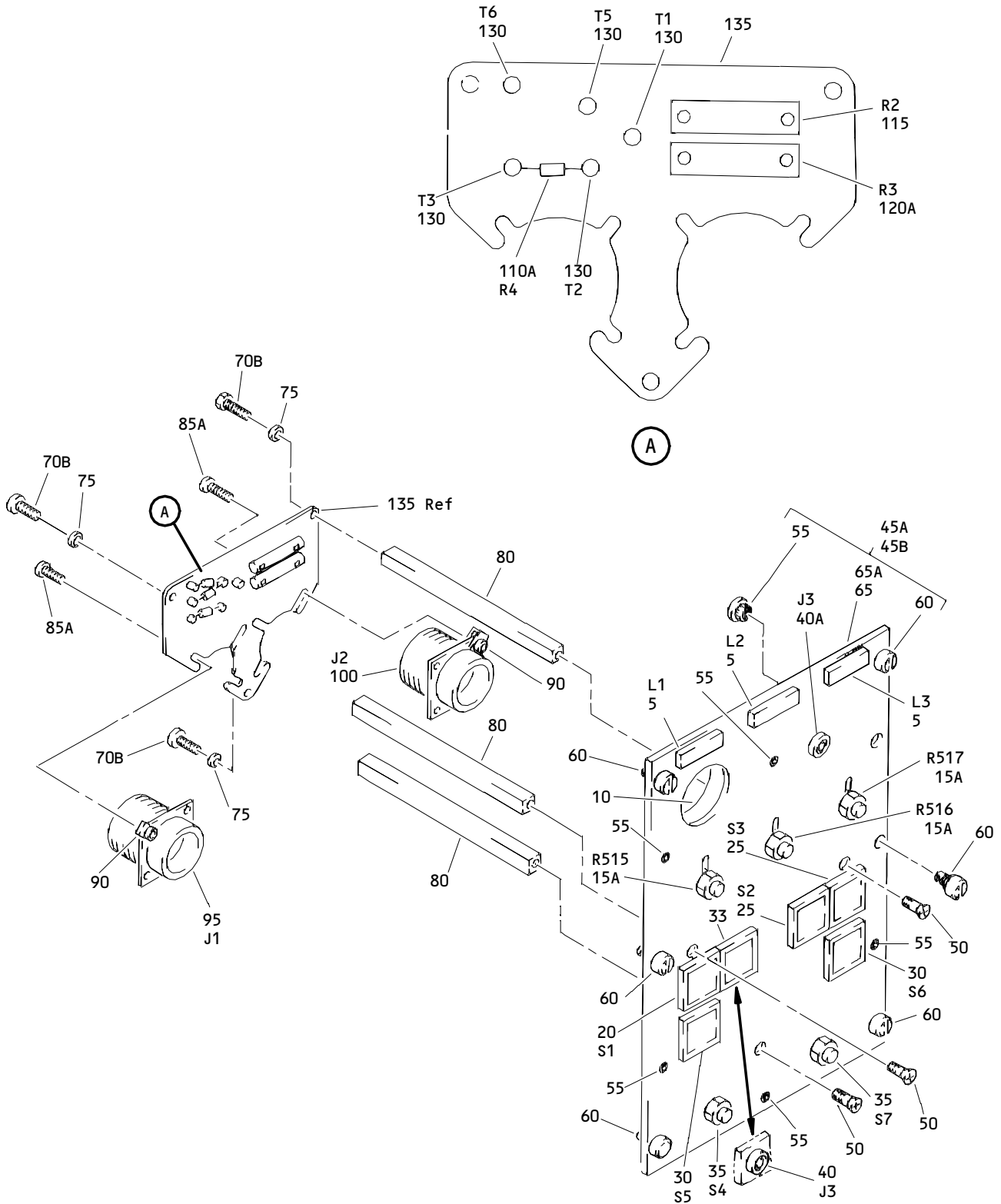
7. The following table may be used to find the interchangeability information for the S231T290 series flight deck pushbutton switches. The corresponding vendor part number is shown in parentheses along with the cage code. The last two digits denoted by 'XX' should match between the old part and interchangeable 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] 3-673-1004-41XX (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.

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M14 Temperature Control Panel Assembly  
 Figure 1

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VENDORS

- 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
- 07217    HONEYWELL ASCA INC  
          3333 UNITY DR  
          MISSISSAUGA, ON L5L 3S6 CANADA  
          FORMERLY GARRETT CANADA DIV OF ALLIEDSIGNAL CANADA
- 08524    DEUTSCH FASTENER CORP SEE CODE V97928
- 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
- 15084    DUPREE INC AEROSPACE KNOB CO DIV  
          14395 RAMONA PO BOX 1797  
          CHINO, CALIFORNIA 91708-1797  
          FORMERLY AEROSPACE KNOB CO DIV OF DUPREE INC  
          FORMERLY IN SOUTH EL MONTE, CALIFORNIA
- 15653    FAIRCHILD FASTENERS KAYNAR PRODUCTS DIV  
          800 S STATE COLLEGE BLVD  
          FULLERTON, CALIFORNIA 92831-3001  
          FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH  
          KAYNAR DIV
- 28277    DEXTER-WILSON CORP  
          4133 STONE WAY NORTH  
          SEATTLE, WASHINGTON 98103-8013  
          FORMERLY H K WILSON V0137B  
          FORMERLY DEXTER CORP
- 32997    BOURNS INC TRIMPOT DIV  
          1200 COLUMBIA AVE  
          RIVERSIDE, CALIFORNIA 92507-2114
- 34830    ROGERSON KRATOS  
          403 SOUTH RAYMOND AVENUE BIN 45  
          PASADENA, CALIFORNIA 91105-2609  
          FORMERLY GLASSCO INSTRUMENT CO V03936  
          FORMERLY KRATOS-KRATOS CORP & KRATOS INC AVIATION PROD DIV

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VENDORS

- 35918 LEWIS ENGINEERING CO  
238 WATER STREET  
NAUGATUCK, CONNECTICUT 06770-2803  
FORMERLY LEWIS ENGINEERING COMPANY V52778  
FORMERLY LEWIS ELECTRONIC INSTRUMENTATION DIV OF COLT IND
- 51896 SPECTRA LUX CORP  
11825 120TH AVENUE NORTHEAST  
KIRKLAND, WASHINGTON 98034  
FORMERLY IN BELLEVUE, WASHINGTON
- 60119 MONADNOCK CO THE  
18301 ARENTH AVENUE PO BOX 1222  
CITY OF INDUSTRY, CALIFORNIA 91749  
FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076  
FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV  
FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530
- 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
- 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
- 91812 JANCO CORPORATION  
3111 WINONA AVENUE, PO BOX 3038  
BURBANK, CALIFORNIA 91504-2543
- 95266 O E C O CORP  
4607 SE INTERNATIONAL WAY  
MILWAUKIE, OREGON 97222  
FORMERLY OSBOURNE ELECTRIC IN PORTLAND, OREGON

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VENDORS

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

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REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
J1	BACC45FN18-31P	1-95
J1	BACC45FN18-31P	2-95
J1	BACC45FN18-31P	3-120
J2	BACC45FN20-41P7	1-100
J2	BACC45FN20-41P7	2-100
J2	BACC45FN20-41P7	3-125
J3	800-000121-1	65
J3	800000121-1	1-40
J3	800000121-1	40A
J3	800000121-1	2-40
L1-L3	BCREF6202	1-5
L1-L3	BCREF6202	5B
L1-L3	BCREF8571	5A
L1-L3	BCREF8571	3-55
L1-L4	BCREF6202	2-5
L1-L4	BCREF6202	5B
L1-L4	BCREF8571	5A
R2	RJR12FL102M	1-115
R2	RJR12FL102M	2-115
R2	RJR12FL102M	3-145A
R2	3059LFN8-102	1-115A
R2	3059LFN8-102	2-115A
R2	3059LFN8-102	3-145
R3	RJR12FL103M	1-120A
R3	RJR12FL103M	2-105A
R3	RJR12FL103M	3-150A
R3	3059LFN8-103	1-120B
R3	3059LFN8-103	2-105B
R3	3059LFN8-103	3-150
R4	RNC60H7501FS	1-110A
R4	RNC60H7501FS	2-110A
R4	RNC60H7501FS	3-155
R515	625868-1	1-15A
R515	625868-1	2-10
R515-R517	625868-1	3-35
R516	1150010-1	2-12B
R516	625868-1	1-15A
R516	625868-1	2-12
R516	625868-1	12A
R517	625868-1	1-15A
R517	625868-1	2-10
R571	625868-1	10
S1	BCREFA0510	1-20E
S1	BCREF7611	20D
S1	BCREF7611	2-35D

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REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S1	4336731004-4224	3-40
S1	851-30768-2024	1-20
S1	851-30768-2024	2-35
S1	851-30768-3024	1-20C
S1	851-30768-3024	2-35E
S1	851-35100-5024	1-20F
S2	BCREFA0505	25E
S2	BCREF7606	25D
S2	BCREF7606	2-15D
S2	851-30768-2016	1-25
S2	851-30768-2016	2-15
S2	851-30768-3016	1-25C
S2	851-30768-3016	2-15C
S2	851-35100-5016	1-25F
S3	BCREFA0505	25E
S3	BCREF7606	25D
S3	BCREF7606	2-15D
S3	851-30768-2016	1-25
S3	851-30768-2016	2-15
S3	851-30768-3016	1-25C
S3	851-30768-3016	2-15C
S3	851-35100-5016	1-25F
S4	AC45-0022-1	35
S4	AC45-0022-1	2-30
S4	AC45-0022-2	1-35A
S4	AC45-0022-2	2-30A
S4	AC45-0063	3-50
S5	BCREFA0523	1-30E
S5	BCREF7622	30D
S5	BCREF7622	2-25D

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REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
S5	S231T290-5056	1-30F
S5	4336731004-4256	3-45
S5	851-30768-2056	1-30
S5	851-30768-2056	2-25
S5	851-30768-3056	1-30C
S5	851-30768-3056	2-25C
S6	BCREFA0523	1-30E
S6	BCREF7622	30D
S6	BCREF7622	2-25D
S6	S231T290-5056	1-30F
S6	4336731004-4256	3-45
S6	851-30768-2056	1-30
S6	851-30768-2056	2-25
S6	851-30768-3056	1-30C
S6	851-30768-3056	2-25C
S7	AC45-0022-1	1-35
S7	AC45-0022-1	2-30
S7	AC45-0022-2	1-35A
S7	AC45-0022-2	2-30A
S7	AC45-0063	3-50
S8	BCREFA0837	1-33E
S8	BCREF7771	2-37C
S8	S231T290-5023	1-33F
S8	851-30768-2023	33
S8	851-30768-2023	2-37
S8	851-30768-3023	37B
T1-T3	4443B9	1-130
T1-T3	4443B9	2-120
T1-T6	4443B9	3-160
T4	4443B9	1-132

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REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
T5	4443B9	130
T5	4443B9	2-120
T6	4443B9	1-130
T6	4443B9	2-120

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AC45-0022-1		1	35	2
		2	30	2
AC45-0022-2		1	35A	2
		2	30A	2
AC45-0063		3	50	2
BACC45FN18-31P		1	95	1
		2	95	1
		3	120	1
BACC45FN20-41P7		1	100	1
		2	100	1
		3	125	1
BACN10DN26		2	104	2
		2	114	2
BACN10NW1		1	90	4
		2	90	4
		3	115	4
BACN10PA06-6		1	55	6
		2	55	7
		3	90	6
BACP10U086ZN		1	65B	
BACP10U0862N		1	65	1
		3	95	1
BACP10U0937N		2	65	1
BACS12CB04-5		1	85	
BACS12CB06-5		1	70A	
BACS12HN04-5		3	110	4
BACS12HN06-5		3	100	3
BACS120B06-5		1	70	
BACS21DD1B		1	60	6
		2	60	6
		3	85	6
BACW10EC06CD		3	105	3
BCREFA0505		1	25E	2
BCREFA0510		1	20E	1
BCREFA0523		1	30E	2
BCREFA0837		1	33E	1
BCREF6202		1	5	3
		1	5B	3
		2	5	4
		2	5B	4
		7	1	
		7	1A	
BCREF7606		1	25D	2
		2	15D	2
BCREF7611		1	20D	1
		2	35D	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BCREF7622		1	30D	2
		2	25D	2
BCREF7771		1	33D	
		2	37C	1
BCREF8571		1	5A	3
		2	5A	4
		3	55	3
BP248-110		4	15	2
		5	15	2
		3	5	2
BP248-127		4	20	3
		5	20	4
BP260-101		3	10	3
		1	60	6
BP260-113		2	60	6
		3	85	6
		3	70	3
DBMB1400-6A1		1	125	
		1	90	4
		2	90	4
		3	115	4
MS25082-7		3	30	3
		6	5	
MS25237-387		7	5	
		2	103	2
MS35206-207		2	113	2
		3	130	4
MS35214-7		3	135	4
		1	75	3
MS35333-69		2	75	3
		3	140	4
MS35338-41		1	145	72
		1	150	79
MS35649-225B		1	155	80
		2	135	75
M39029-1-16-20		2	140	87
		2	145	82
NAS1801-04-5		2	150	88
		1	85A	4
NAS1801-06-5		2	85	4
		1	70B	3
NAS514P632-5		2	70	3
		1	50	3
NAS620-3		2	50	3
		2	103A	2
		2	113A	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
RJR12FL102M		1	115	1
		2	115	1
		3	145A	1
RJR12FL103M		1	120A	1
		2	105A	1
		3	150A	1
RJR12FL503M		1	120	
		2	105	
RMA4812-160-40		1	90	4
		2	90	4
		3	115	4
RNC60H1002FS RNC60H7501FS		1	110	
		1	110A	1
		2	110A	1
RWR89S3650FR		3	155	1
		1	105	
		2	110	
SF6G6CBB5D		1	55	6
		2	55	7
		3	90	6
S210T130-24		1	15A	3
		2	10	3
		3	35	3
S231N212-8 S231T240-1		3	15	1
		4	5	1
		5	5	1
		4	5A	1
		4	5B	1
S231T240-2		5	5A	1
		5	5B	1
		3	15A	1
		4	5C	1
		5	5C	1
S231T240-3		1	25D	2
		2	15D	2
		2	37C	1
		1	20D	1
		2	35D	1
S231T290-1016		1	30D	2
		2	25D	2
		1	25	2
S231T290-1023 S231T290-1024		2	15	2
		1	33	1
		2	37	1
S231T290-1056		1	20	1
		2	35	1
		1	20	1
S231T290-2016		2	35	1
		1	25	2
		2	15	2
S231T290-2023		1	33	1
		2	37	1
		1	20	1
S231T290-2024		1	20	1
		2	35	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
S231T290-2056		1	30	2
		2	25	2
S231T290-3016		1	25C	2
		2	15C	2
S231T290-3023		2	37B	1
S231T290-3024		1	20C	1
		2	35E	1
S231T290-3056		1	30C	2
		2	25C	2
S231T290-4016		1	25E	2
S231T290-4023		1	33E	1
S231T290-4024		1	20E	1
S231T290-4056		1	30E	2
S231T290-5016		1	25F	2
S231T290-5023		1	33F	1
S231T290-5024		1	20F	1
S231T290-5056		1	30F	2
S231T300-1238		1	5	3
		1	5B	3
		2	5	4
		2	5B	4
S231T300-2238		1	5A	3
		2	5A	4
		3	55	3
S233T100-1059		5	10B	1
S233T100-1079		5	10	1
S233T100-1082		5	10A	1
S233T100-1116		3	20	1
		3	20	1
10-62091-1		2	12B	1
114-174		3	15A	1
1150010-1		2	12B	1
123-1000MC		3	60	1
123-28		1	10	1
		2	20	1
		3	60A	1
154LUA105		3	15	1
233N3236-1033		1	2L	RF
233T100-1056		4	10	1
233T100-1059		4	10A	1
233T3100-154		1	3C	RF
		5	1A	RF
233T3100-162		1	3L	RF
		5	1G	RF
233T3100-163		1	3N	RF
		5	1I	RF

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T3100-168		1	2X	RF
		4	1D	RF
233T3100-170		1	3F	RF
		5	1D	RF
233T3100-206		1	3I	RF
		4	1I	RF
233T3100-211		1	3Q	RF
		5	1K	RF
233T3100-212		1	3S	RF
		5	1M	RF
233T3100-213		1	3U	RF
		4	1L	RF
233T3100-214		1	3W	RF
		5	1P	RF
233T3100-252		1	3Y	RF
		4	1N	RF
233T3100-254		1	4A	RF
		5	1R	RF
233T3100-256		1	4C	RF
		5	1T	RF
233T3100-258		5	1W	RF
233T3100-55		1	2U	RF
		4	1A	RF
233T3100-90		1	3A	RF
		4	1G	RF
233T3200-6		1	65A	1
233T3236-1		1	1	RF
		4	25	1
233T3236-10		1	1B	RF
		2	1	RF
		5	25	1
233T3236-1001		1	2	RF
		4	25H	1
233T3236-1005		1	2A	RF
		4	25I	1
233T3236-1010		1	2B	RF
		2	1P	RF
		5	25K	1
233T3236-1016		1	2C	RF
		4	25J	1
233T3236-1020		1	2D	RF
		5	25L	1
233T3236-1022		1	2E	RF
		2	1Q	RF
		5	25M	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T3236-1024		1	2F	RF
		2	1R	RF
		5	25N	1
233T3236-1026		1	2G	RF
		2	1S	RF
		5	25P	1
233T3236-1028		1	2H	RF
		4	25K	1
233T3236-1029		1	2J	RF
		2	1T	RF
		5	25Q	1
233T3236-1031		1	2K	RF
		4	25L	1
233T3236-1033		4	25M	1
233T3236-1035		1	2M	RF
		2	1U	RF
		5	25R	1
233T3236-1037		1	2N	RF
		2	1V	RF
		5	25S	1
233T3236-1038		1	2P	RF
		4	25N	1
233T3236-1039		1	2Q	RF
		2	1W	RF
		5	25T	1
233T3236-1050		1	2R	RF
		4	25P	1
233T3236-1095		1	2S	RF
		2	1X	RF
		2	45	1
233T3236-11		2	130	1
233T3236-12		2	130	1
233T3236-13		1	1C	
		2	1A	
233T3236-1316		1	2V	RF
		4	1B	RF
233T3236-1317		1	2Y	RF
		4	1E	RF
233T3236-1318		1	3B	RF
		4	1H	RF
233T3236-1319		1	3D	RF
		5	1B	RF
233T3236-1320		1	3G	RF
		5	1E	RF
233T3236-1321		1	3J	RF
		4	1J	RF
233T3236-1322		1	3M	RF
		5	1H	RF

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T3236-1323		1	3P	RF
		5	1J	RF
233T3236-1324		1	3R	RF
		5	1L	RF
233T3236-1325		1	3T	RF
		5	1N	RF
233T3236-1326		1	3V	RF
		4	1M	RF
233T3236-1327		1	3X	RF
		5	1Q	RF
233T3236-1328		1	3Z	RF
		4	1P	RF
233T3236-1329		1	4B	RF
		5	1S	RF
233T3236-1330		1	4D	RF
		5	1U	RF
233T3236-1331		1	4G	RF
		4	1R	RF
233T3236-1332		1	4I	RF
		5	1X	RF
233T3236-1336		1	4K	RF
		4	1T	RF
233T3236-1345		1	3E	RF
		5	1C	RF
233T3236-1346		1	3H	RF
		5	1F	RF
233T3236-1347		1	3K	RF
		4	1K	RF
233T3236-1348		1	2W	RF
		4	1C	RF
233T3236-1349		1	2Z	RF
		4	1F	RF
233T3236-1350		1	4E	RF
		5	1V	RF
233T3236-14		2	45A	1
233T3236-15		2	130A	
233T3236-159		3	25	1
233T3236-16		1	1D	RF
		4	25A	1
233T3236-17		1	1E	
233T3236-18		1	1F	
		2	1B	
233T3236-19		1	1G	
		2	1C	
233T3236-2		1	45	
233T3236-20		1	1H	RF
		5	25A	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T3236-21		1	140B	1
233T3236-22		1	1J	RF
		2	1D	RF
		5	25B	1
233T3236-23		2	130B	1
233T3236-24		1	1K	RF
		2	1E	RF
		5	25C	1
233T3236-25		1	140C	1
233T3236-257		1	4F	RF
		4	1Q	RF
233T3236-258		1	4H	RF
233T3236-26		1	1L	RF
		2	1F	RF
		5	25D	1
233T3236-27		2	130C	1
233T3236-28		1	1M	RF
		4	25B	1
233T3236-29		1	1N	RF
		2	1G	RF
		5	25E	1
233T3236-3		1	140	1
233T3236-30		2	130D	1
233T3236-31		1	1P	RF
		4	25C	1
233T3236-310		1	4J	RF
		4	1S	RF
233T3236-319		1	2T	RF
		3	1A	RF
233T3236-32		1	1Q	
		2	1H	
233T3236-33		1	1R	RF
		4	25D	1
233T3236-34		1	1S	
233T3236-35		1	1T	RF
		2	1J	RF
		5	25F	1
233T3236-36		1	1U	
		2	1K	
233T3236-37		1	1V	RF
		2	1L	RF
		5	25G	1
233T3236-38		1	1W	RF
		4	25E	1
233T3236-39		1	1X	RF
		2	1M	RF
		5	25H	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
233T3236-5		1	1A	RF
		4	25F	1
		5	25I	1
233T3236-50		1	1Y	RF
		4	25G	1
233T3236-7		1	140A	1
233T3236-8		1	45A	1
		3	80	1
233T3236-9		1	45B	1
233T3236-95		1	1Z	RF
		2	1N	RF
		5	25J	1
233T3236-99		3	170	1
233T6200-69		1	135	1
		3	165	1
233T6200-96		2	125	1
293162		1	90	4
		2	90	4
		3	115	4
3059LFN8-102		1	115A	1
		2	115A	1
		3	145	1
3059LFN8-103		1	120B	1
		2	105B	1
		3	150	1
433-673-1001-1016		1	25D	2
		2	15D	2
433-673-1001-1023		2	37C	1
433-673-1001-1024		1	20D	1
		2	35D	1
433-673-1001-1056		1	30D	2
		2	25D	2
433-673-1004-4016		1	25E	2
433-673-1004-4023		1	33E	1
433-673-1004-4024		1	20E	1
433-673-1004-4056		1	30E	2
4336731004-4224		3	40	1
4336731004-4256		3	45	2
434-093-001		7	15	
434-1005-1238		7	20	
434-674-1005-1238		1	5	3
		1	5B	3
		2	5	4
		2	5B	4
		1	5A	3
434-674-1031-2238		2	5A	4
		3	55	3

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
4443B9		1	130	5
		1	132	1
		2	120	5
		3	160	6
		3	15A	3
625868-1		2	10	3
		2	12	1
		2	12A	1
		3	35	3
		1	15	
		7	10	
625868-1SER1		1	80	3
		2	80	3
		3	75	3
674-1005-1238		3	65	1
		3	20	1
		1	40	1
69B46200-11		1	40A	1
		2	40	1
		2	35B	
800-000121-1		2	35C	
		2	25A	
		1	25B	
800-007362		2	15A	
		2	15B	
		1	33A	
800000121-1		1	33B	
		2	37A	
		1	20A	
81-30768-1024		1	20B	
		2	35A	
		1	30A	
81-30768-3024		1	30B	
		2	25A	
		2	25B	
851-30768-1016		1	25	2
		2	15	2
		1	33	1
851-30768-1023		2	37	1
		1	20	1
		2	35	1
851-30768-1024		1	30	2
		2	25	2
		6	1	
851-30768-1056		1	25C	2
		2	15C	2
		2	15C	2

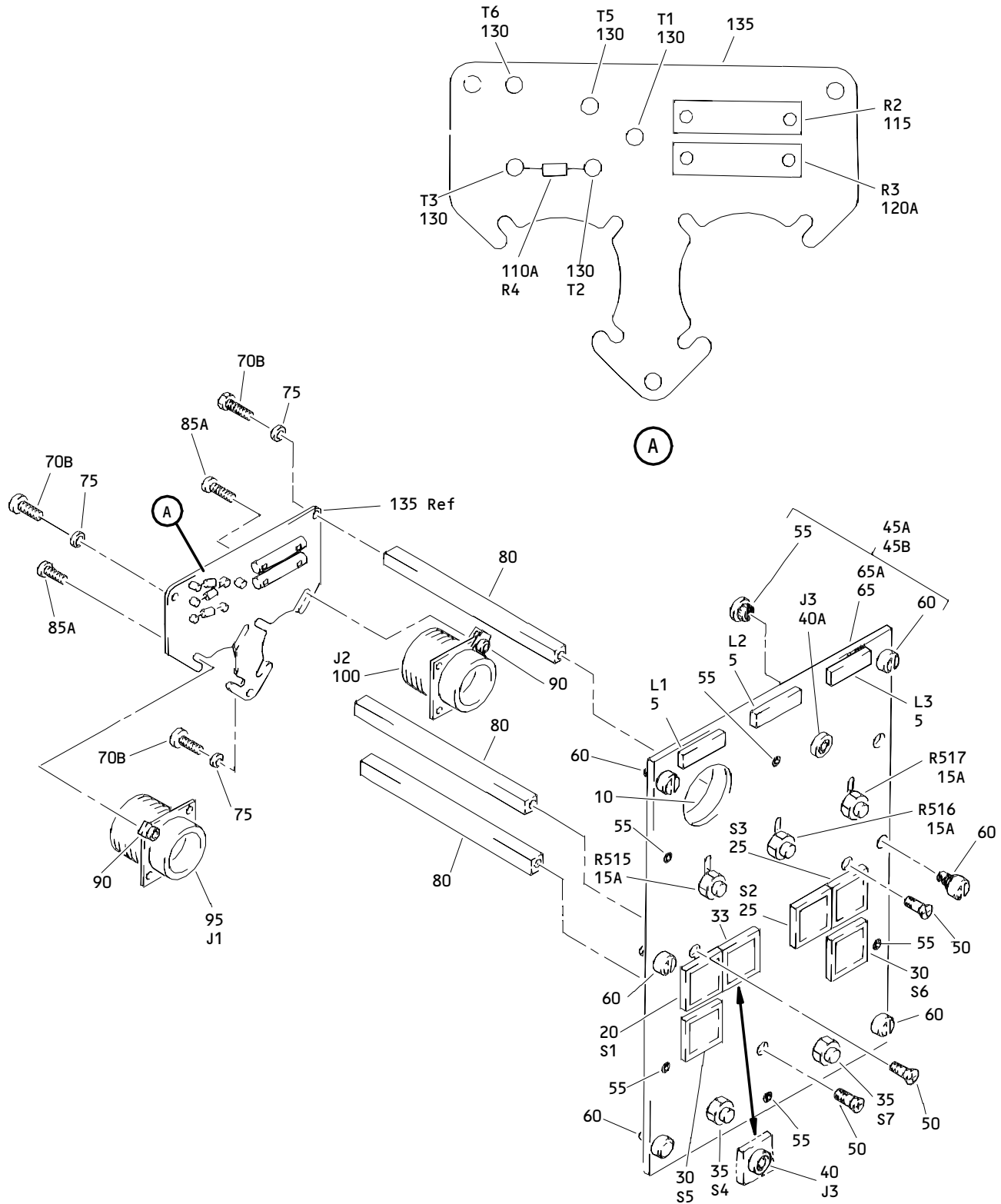
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
851-30768-3023		1	33C	
		2	37B	1
851-30768-3024		1	20C	1
		2	35E	1
851-30768-3056		1	30C	2
		2	25C	2
851-30768-556		6	10	
851-30768-705		6	15	
851-30768-823		6	20	
851-35100-5016		1	25F	2
851-35100-5024		1	20F	1
92-1660-256		2	104	2
		2	114	2
92-1660-26		2	104	2
		2	114	2

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M14 Temperature Control Panel Assembly  
 Figure 1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1	233T3236-1		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-01) (PRE SB 233T3236-21-05)	A	RF
-1A	233T3236-5		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	B	RF
-1B	233T3236-10		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-01) (FOR DETAILS SEE FIG. 2)	C	RF
-1C	233T3236-13		DELETED		
-1D	233T3236-16		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-01) (PRE SB 233T3236-21-05)	E	RF
-1E	233T3236-17		DELETED		
-1F	233T3236-18		DELETED		
-1G	233T3236-19		DELETED		
-1H	233T3236-20		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	J	RF
-1J	233T3236-22		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-01) (FOR DETAILS SEE FIG. 2)	D	RF
-1K	233T3236-24		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (POST SB 233T3236-21-01) (FOR DETAILS SEE FIG. 2)	K	RF
-1L	233T3236-26		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-03) (FOR DETAILS SEE FIG. 2)	L	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1M	233T3236-28		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-01) (PRE SB 233T3236-21-05)	M	RF
-1N	233T3236-29		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	N	RF
-1P	233T3236-31		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (POST SB 233T3236-21-01)	P	RF
-1Q	233T3236-32		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-01) (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	Q	RF
-1R	233T3236-33		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-01) (PRE SB 233T3236-21-05)	R	RF
-1S	233T3236-34		DELETED		
R -1T	233T3236-35		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-01) (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	G	RF
-1U	233T3236-36		DELETED		
R -1V	233T3236-37		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-01) (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-03) (FOR DETAILS SEE FIG. 2)	S	RF
R -1W	233T3236-38		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-01) (PRE SB 233T3236-21-05)	F	RF
R -1X	233T3236-39		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	U	RF
R -1Y	233T3236-50		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	H	RF
R -1Z	233T3236-95		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-03) (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	T	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -2	233T3236-1001		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	V	RF
R -2A	233T3236-1005		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	W	RF
R -2B	233T3236-1010		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	X	RF
R -2C	233T3236-1016		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	Y	RF
R -2D	233T3236-1020		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	Z	RF
R -2E	233T3236-1022		PANEL ASSY-M14 TAMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AA	RF
R -2F	233T3236-1024		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AB	RF
R -2G	233T3236-1026		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AC	RF
R -2H	233T3236-1028		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AD	RF
R -2J	233T3236-1029		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AE	RF
R -2K	233T3236-1031		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AF	RF
R -2L	233N3236-1033		PANEL ASSY-M14 TEMP CONT (POST SB 233N3236-21-05)	AG	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -2M	233T3236-1035		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AH	RF
R -2N	233T3236-1037		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AJ	RF
R -2P	233T3236-1038		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AK	RF
R -2Q	233T3236-1039		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AL	RF
R -2R	233T3236-1050		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AM	RF
R -2S	233T3236-1095		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	AN	RF
R -2T	233T3236-319		PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 3)	AP	RF
-2U	233T3100-55		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AQ	RF
-2V	233T3236-1316		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AR	RF
-2W	233T3236-1348		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AS	RF
-2X	233T3100-168		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AT	RF
-2Y	233T3236-1317		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AU	RF

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COMPONENT  
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -2Z	233T3236-1349		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AV	RF
-3A	233T3100-90		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AW	RF
-3B	233T3236-1318		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AX	RF
-3C	233T3100-154		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	AY	RF
-3D	233T3236-1319		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	AZ	RF
-3E	233T3236-1345		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BA	RF
-3F	233T3100-170		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BB	RF
-3G	233T3236-1320		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BC	RF
-3H	233T3236-1346		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BD	RF
-3I	233T3100-206		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BE	RF
-3J	233T3236-1321		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BF	RF
-3K	233T3236-1347		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BG	RF
-3L	233T3100-162		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BH	RF
-3M	233T3236-1322		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BI	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -3N	233T3100-163		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BJ	RF
-3P	233T3236-1323		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BK	RF
-3Q	233T3100-211		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BL	RF
-3R	233T3236-1324		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BM	RF
-3S	233T3100-212		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BN	RF
-3T	233T3236-1325		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BO	RF
-3U	233T3100-213		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BP	RF
-3V	233T3236-1326		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BQ	RF
-3W	233T3100-214		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BR	RF
-3X	233T3236-1327		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BS	RF
-3Y	233T3100-252		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BT	RF
-3Z	233T3236-1328		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	BU	RF
-4A	233T3100-254		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BV	RF
-4B	233T3236-1329		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BW	RF

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**BOEING**  
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -4C	233T3100-256		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BX	RF
-4D	233T3236-1330		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BY	RF
-4E	233T3236-1350		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	BZ	RF
-4F	233T3236-257		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	CA	RF
-4G	233T3236-1331		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	CB	RF
-4H	233T3236-258		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	CC	RF
-4I	233T3236-1332		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 5)	CD	RF
-4J	233T3236-310		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (FOR DETAILS SEE FIG. 4)	CE	RF
-4K	233T3236-1336		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	CF	RF
-4L	233T3236-1032		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05) (FOR DETAILS SEE FIG. 2)	CG	RF
5	BCREF6202		.LIGHT-INOP IND (V81590) (434-674-1005-1238) (L1-L3) (SPEC S231T300-1238)	A,B,E ,J,M, P,V,W ,Y,Z, AD,AF AQ-AS AV,AW BA,BL BM	3

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-5A	BCREF8571		.LIGHT-INOP IND (V81590) (434-674-1031-2238) (L1-L3) (SPEC S231T300-2238) (OPT ITEM 5B)	F,H,R ,AG, AK,AM BC,BF BH	3
R -5B	BCREF6202		.LIGHT-INOP IND (V81590) (434-674-1005-1238) (L1-L3) (SPEC S231T300-1238) (OPT ITEM 5A)	F,H,R ,AG, AK,AM BC,BF BH	3
R 10	123-28		.CLAMP- (V28277)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG, AK,AM AQ-AS AV,AW BA,BC BF,BH BL,BM	1
15 15A	625868-1SER1 625868-1		DELETED .SWITCH-ROTARY (V07217) (R515, R516, R517) (SPEC S210T130-24)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG, AK,AM AQ-AS AV,AW BA,BC BF,BH BL,BM	3

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-20	851-30768-2024		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S1) (SPEC S231T290-2024)	A,B,J ,P,V, W,Z, AF, AQ-AS AW,BL BM	1
-20A	851-30768-1024		DELETED		
-20B	851-30768-1024		DELETED		
-20C	851-30768-3024		.SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S1) (SPEC S231T290-3024) (OPT ITEM 20D)	E,F,M ,R,Y, AD,AG ,AK, AV,BA BC,BF BK	1
-20D	BCREF7611		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1024) (S1) (SPEC S231T290-1024) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 20C)	E,F,M ,R,Y, AD,AG ,AK, AV,BA BC,BF BK	1
R -20E	BCREFA0510		.SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4024) (S1) (SPEC S231T290-4024) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 20F)	H,AM BH	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -20F	851-35100-5024		.SWITCH-LIGHTED PUSH BUTTON (V96182) (S1) (SPEC S231T290-5024) (OPT ITEM 20E)	H,AM BH	1
25	851-30768-2016		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) (V96182) (S2, S3) (SPEC S231T290-2016)	A,B,J ,P,V, W,Z, AF, AQ-AS AW, BL,BM	2
-25A	851-30768-1016		DELETED		
-25B	851-30768-1016		DELETED		
-25C	851-30768-3016		.SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S2, S3) (SPEC S231T290-3016) (OPT ITEM 25D)	E,F,M ,R,Y, AD,AG ,AK, AV,BF BA,BC BK	2
-25D	BCREF7606		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) IND (ON/INOP) (V81590) (433-673-1001-1016) (S2, S3) (SPEC S231T290-1016) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 25C)	E,F,M ,R,Y, AD,AG ,AK, AV,BF BA,BC BK	2
R -25E	BCREFA0505		.SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4016) (S2, S3) (SPEC S231T290-4016) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 25F)	H,AM BH	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- -25F	851-35100-5016		.SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S2, S3) (SPEC S231T290-5016) (OPT ITEM 25E)	H,AM BH	2
30	851-30768-2056		.SWITCH-LIGHTED PUSH BUTTON IND (INOP/PACK OFF) (V96182) (S5, S6) (SPEC S231T290-2056)	A,B,H ,J,P, V,W,Z ,AF,A M	2
-30A	851-30768-1056		DELETED		
-30B	851-30768-1056		DELETED		
-30C	851-30768-3056		.SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S5, S6) (SPEC S231T290-3056) (OPT ITEM 30D)	E,F,M ,R,Y, AD,AG ,AK	2
-30D	BCREF7622		.SWITCH-LIGHTED PUSH BUTTON IND (INOP/PACK OFF) (V81590) (433-673-1001-1056) (S5, S6) (SPEC S231T290-1056) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 30C)	E,F,M ,R,Y, AD,AG ,AK	2
R -30E	BCREFA0523		.SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4056) (S5, S6) (SPEC S231T290-4056) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 30F)	H,AM	2
R -30F	S231T290-5056		.SWITCH-LIGHTED PUSH BUTTON IND (S5, S6) (OPT ITEM 30E)	H,AM	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-33	851-30768-2023		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-2023)	B,J,W ,Z	1
-33A	851-30768-1023		DELETED		
-33B	851-30768-1023		DELETED		
-33C	851-30768-3023		DELETED		
-33D	BCREF7771		DELETED		
R -33E	BCREFA0837		.SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4023) (S8) (SPEC S231T290-4023) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 33E)	H,AM	1
R -33F	S231T290-5023		.SWITCH-LIGHTED PUSH BUTTON IND (S8) (OPT ITEM 33E)	H,AM	1
R 35	AC45-0022-1		.SWITCH-ROTARY (V91812) (S4, S7) (OPT ITEM 35A)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	2
-35A	AC45-0022-2		.SWITCH-ROTARY (V91812) (S4, S7) (OPT ITEM 35)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	2
40	800000121-1		.CONNECTOR- (V05617) (J3)	A,E,M ,P,V, Y,AD, AF	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-40A	800000121-1		.CONNECTOR- (V05617) (J3)	B,F,H ,J,R W,Z,A G,AK, AM	1
45 45A	233T3236-2 233T3236-8		DELETED .BASEPLATE ASSY	A,E,F ,M,P R,V,Y ,AD,A F,AG AKAG	1
45B	233T3236-9		.BASEPLATE ASSY	B,H,J ,W,Z, AM	1
50	NAS514P632-5		ATTACHING PARTS .SCREW	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF AG,AK AM	3
55	SF6G6CBB5D		-----*----- .NUT-PRESS (V12324) (SPEC BACN10PA06-6)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	6

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-60	DBMB1400-6A1		..STUD ASSY- (V08524) (SPEC BACS21DD1B)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	6
65	BACP10U0862N		..BASEPLATE	A,E,F ,M,P R,V,Y ,AD,A F,AG AKAG	1
65A	233T3200-6		..BASEPLATE	B,H,J ,W,Z, AM	1
65B	BACP10U086ZN		DELETED		
70	BACS120B06-5		DELETED		
70A	BACS12CB06-5		DELETED		
70B	NAS1801-06-5		.SCREW	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	3
75	MS35338-41		.WASHER	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	3

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-80	69B46200-11		.STANDOFF	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	3
85 85A	BACS12CB04-5 NAS1801-04-5		DELETED .SCREW	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	4
90	K19798-04		.NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	4
95	BACC45FN18-31P		.CONNECTOR- (J1)	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-100	BACC45FN20-41P7		.CONNECTOR- (J2)	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	1
105	RWR89S3650FR		DELETED		
110	RNC60H1002FS		DELETED		
110A	RNC60H7501FS		.RESISTOR- (R4)	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	1
115	RJR12FL102M		.RESISTOR-VAR (R2) (OPT ITEM 115A)	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	1
R-115A	3059LFN8-102		.RESISTOR-VAR (V32997) (R2) (OPT ITEM 115)	A,B,E F,H J,M,P R,V W,Y,Z AD,AF AG,A K,AM	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 120 120A	RJR12FL503M RJR12FL103M		DELETED .RESISTOR-VAR (R3) (OPT ITEM 120B)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	1
R -120B	3059LFN8-103		.RESISTOR-VAR (V32997) (R3) (OPT ITEM 120A)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	1
R 125 130	JANTX1N4465 4443B9		DELETED .TERMINAL- (V88245) (T1-T3,T5,T6)	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	5
R 132	4443B9		.TERMINAL- (V88245) (T4)	B,W	1
135	233T6200-69		.BRACKET-SPRT	A,B,E ,F,H, J,M,P ,R,V, W,Y,Z AD,AF ,AG,A K,AM	1

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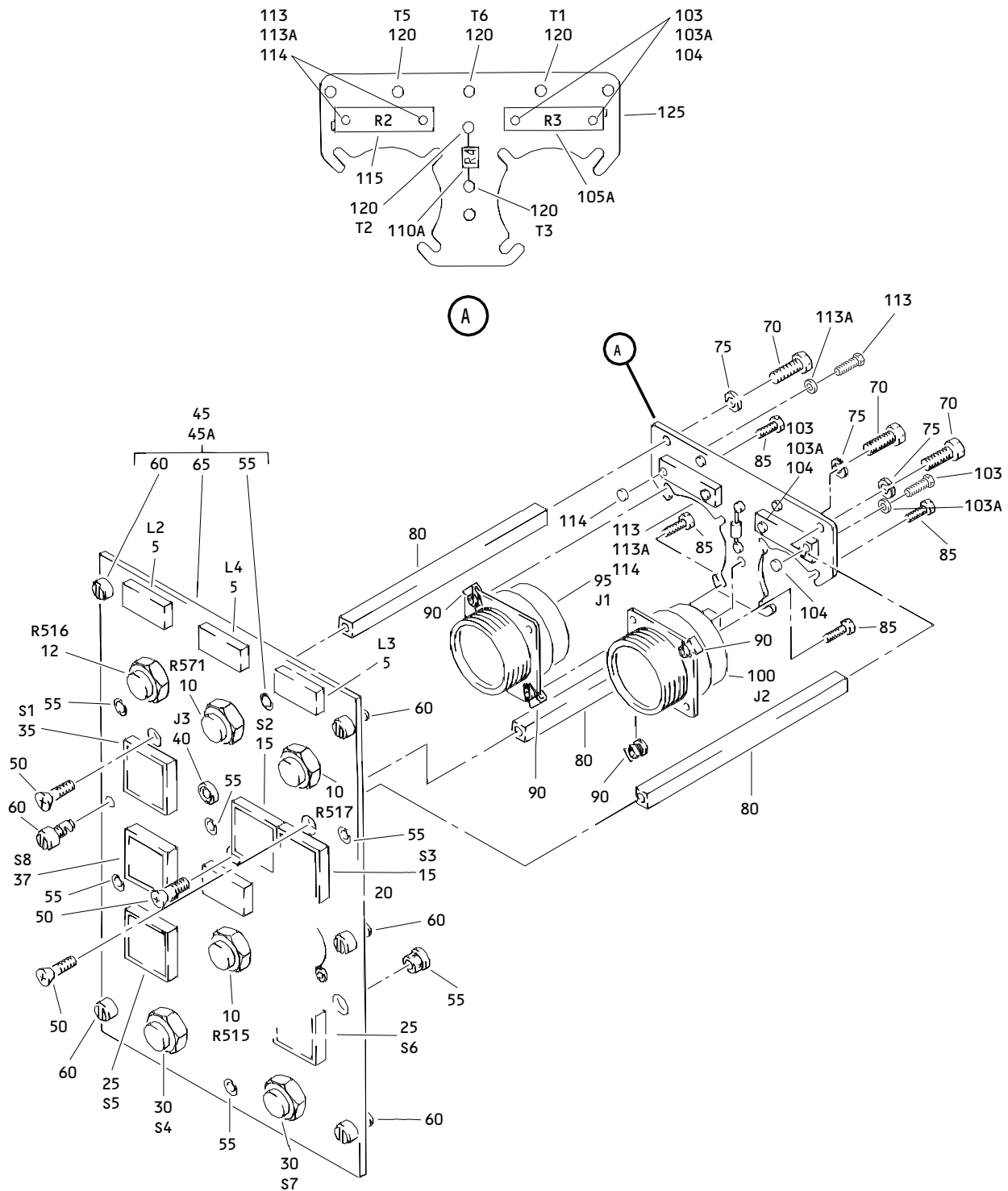


FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -140	233T3236-3		.WIRE BUNDLE ASSY	A,E,P R,V, Y,AF, AG	1
-140A	233T3236-7		.WIRE BUNDLE ASSY	B,H,W AM	1
-140B	233T3236-21		.WIRE BUNDLE ASSY	J,Z	1
-140C	233T3236-25		.WIRE BUNDLE ASSY	F,M,A D,AK	1
R -145	M39029-1-16-20		..CONTACT-PIN (V95266)	A,E,P R,V, Y,AF, AG	72
R -150	M39029-1-16-20		..CONTACT-PIN (V95266)	B,H,J W,Z, AM	79
R -155	M39029-1-16-20		..CONTACT-PIN (V95266)	F,M,A D,AK	80
R			BOEING LETTER HISTORY		

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Panel Assembly - M14 Temperature Control  
 Figure 2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -1	233T3236-10		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-01) (PRE SB 233T3236-21-05)	C	RF
-1A	233T3236-13		DELETED		
-1B	233T3236-18		DELETED		
-1C	233T3236-19		DELETED		
-1D	233T3236-22		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-01)	D	RF
-1E	233T3236-24		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (POST SB 233T3236-21-01)	K	RF
-1F	233T3236-26		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-03)	L	RF
-1G	233T3236-29		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	N	RF
-1H	233T3236-32		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-01) (PRE SB 233T3236-21-05)	Q	RF
-1J	233T3236-35		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-01) (PRE SB 233T3236-21-05)	G	RF
-1K	233T3236-36		DELETED		
-1L	233T3236-37		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-01) (PRE SB 233T3236-21-05) (PRE SB 233T3236-21-03)	S	RF
-1M	233T3236-39		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	U	RF
-1N	233T3236-95		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-03) (PRE SB 233T3236-21-05)	T	RF
-1P	233T3236-1010		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	X	RF
-1Q	233T3236-1022		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AA	RF
-1R	233T3236-1024		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AB	RF
-1S	233T3236-1026		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AC	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -1T	233T3236-1029		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AE	RF
-1U	233T3236-1035		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AH	RF
-1V	233T3236-1037		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AJ	RF
-1W	233T3236-1039		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AL	RF
-1X	233T3236-1095		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AN	RF
-1Y	233T3236-1032		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	CG	RF
5	BCREF6202		.LIGHT-INOP IND (V81590) (434-674-1005-1238) (L1-L4) (SPEC S231T300-1238)	C,D,K L,N, Q,X, AA-AC CG	4
-5A	BCREF8571		.LIGHT-INOP IND (V81590) (434-674-1031-2238) (L1-L4) (SPEC S231T300-2238) (OPT ITEM 5B)	G,S-U AH,AJ AL,AN	4
-5B	BCREF6202		.LIGHT-INOP IND (V81590) (434-674-1005-1238) (L1-L4) (SPEC S231T300-1238) (OPT ITEM 5A)	G,S-U AH,AJ AL,AN	4
10	625868-1		.SWITCH- (V07217) (R515, R517, R571) (SPEC S210T130-24)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	3
12	625868-1		.SWITCH- (V07217) (R516)	C,D,G K,N,Q U,X, AA,AB AE,AH AL,CG	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -12A	625868-1		.SWITCH- (V07217) (PRE SB 233T3236-21-03) (R516)	L,S,T AC,AJ AN	1
-12B	1150010-1		.SWITCH- (V07217) (R516) (SPEC 10-62091-1) (POST SB 233T3236-21-03)	T,AN	1
15	851-30768-2016		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) (V96182) (S2, S3) (SPEC S231T290-2016)	C,D,K Q,X, AA,AB CG	2
-15A	851-30768-1016		DELETED		
-15B	851-30768-1016		DELETED		
-15C	851-30768-3016		.SWITCH-PUSH BUTTON IND (V96182) (S2, S3) (SPEC S231T290-3016) (OPT ITEM 15D)	G,L,N S-U, AC,AE AH,AJ AL,AN	2
-15D	BCREF7606		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) (V81590) (433-673-1001-1016) (S2, S3) (SPEC S231T290-1016) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 15C)	G,L,N S-U, AC,AE AH,AJ AL,AN	2
20	123-28		.CLAMP- (V28277)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
25	851-30768-2056		.SWITCH-LIGHTED PUSH BUTTON IND (INOP/PACK OFF) (V96182) (S5, S6) (SPEC S231T290-2056)	C,D,K Q,X, AA,AB CG	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-			DELETED		
-25A	851-30768-1056		DELETED		
-25B	851-30768-1056		DELETED		
-25C	851-30768-3056		.SWITCH-PUSH BUTTON IND (V96182) (S5, S6) (SPEC S231T290-3056) (OPT ITEM 25D)	G,L,N S-U, AC,AE AH,AJ AL,AN	2
-25D	BCREF7622		.SWITCH-LIGHTED PUSH BUTTON IND (INOP/PACK OFF) (V81590) (433-673-1001-1056) (S5, S6) (SPEC S231T290-1056) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 25C)	G,L,N S-U, AC,AE AH,AJ AL,AN	2
30	AC45-0022-1		.SWITCH-ROTARY (V91812) (S4, S7) (OPT ITEM 30A)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	2
-30A	AC45-0022-2		.SWITCH-ROTARY (V91812) (S4, S7) (OPT ITEM 30)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	2
35	851-30768-2024		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S1) (SPEC S231T290-2024)	C,D,K N,X, AA,AB CG	1
35A	851-30768-1024		DELETED		
-35B	81-30768-1024		DELETED		
-35C	81-30768-3024		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -35D	BCREF7611		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1024) (S1) (SPEC S231T290-1024) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 35E)	G,L, N,S-U AC,AE AH,AJ AL,AN	1
-35E	851-30768-3024		.SWITCH-PUSH BUTTON IND (V96182) (S1) (SPEC S231T290-3024) (OPT ITEM 35D)	G,L,N S-U, AC,AE AH,AJ AL,AN	1
37	851-30768-2023		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V96182) (S8) (SPEC S231T290-2023)	D,AA Q,CG	1
-37A	851-30768-1023		DELETED		
-37B	851-30768-3023		.SWITCH-PUSH BUTTON IND (V96182) (S8) (SPEC S231T290-3023) (OPT ITEM 37C)	N,U, AE,AL	1
-37C	BCREF7771		.SWITCH-LIGHTED PUSH BUTTON IND (ON/OFF) (V81590) (433-673-1001-1023) (S8) (SPEC S231T290-1023) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (OPT ITEM 37B)	N,U, AE,AL	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-40	800000121-1		.CONNECTOR- (V05617) (J3)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
45	233T3236-11		.BASEPLATE ASSY	C,G,K L,S, T,X, AB,AC AH,AJ AN	1
45A	233T3236-14		.BASEPLATE ASSY	D,N,Q U,AA, AE,AL CG	1
50	NAS514P632-5		ATTACHING PARTS .SCREW	C,D,G K,L, N,Q, S-U,X AA-AC AE,AH AJ,AL AN,CG	3
55	SF6G6CBB5D		-----*----- .NUT- (V12324) (SPEC BACN10PA06-6)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL CG	7

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-60	DBMB1400-6A1		..STUD ASSY- (V08524) (SPEC BACS21DD1B)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	6
65	BACP10U0937N		..BASEPLATE	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
70	NAS1801-06-5		.SCREW	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	3
75	MS35338-41		.WASHER	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	3

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-80	69B46200-11		.STANDOFF	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	3
85	NAS1801-04-5		.SCREW	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL	4
90	K19798-04		.NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	4
95	BACC45FN18-31P		.CONNECTOR- (J1)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
100	BACC45FN20-41P7		.CONNECTOR- (J2)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-103	MS35206-207		.SCREW	C,K,U X,AB, AL	2
103A	NAS620-3		.WASHER	C,K,U X,AB, AL	2
104	92-1660-256		.NUT- (V15653) (SPEC BACN10DN26) (OPT 92-1660-26 (V72962))	C,K,U X,AB, AL	2
105 105A	RJR12FL503M RJR12FL103M		DELETED .RESISTOR-VAR (R3) (OPT ITEM 105B)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
-105B	3059LFN8-103		.RESISTOR-VAR (V32997) (R3) (OPT ITEM 105A)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
110 110A	RWR89S3650FR RNC60H7501FS		DELETED .RESISTOR- (R4)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
113	MS35206-207		.SCREW	C,K,U X,AB, AL	2
113A	NAS620-3		.WASHER	C,K,U X,AB, AL	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-114	92-1660-256		.NUT- (V15653) (SPEC BACN10DN26) (OPT 92-1660-26 (V72962))	C,K,U X,AB, AL	2
115	RJR12FL102M		.RESISTOR-VAR (R2) (OPT ITEM 115A)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
-115A	3059LFN8-102		.RESISTOR-VAR (V32997) (R2) (OPT ITEM 115)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
120	4443B9		.TERMINAL- (V88245) (T1-T3, T5, T6)	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	5

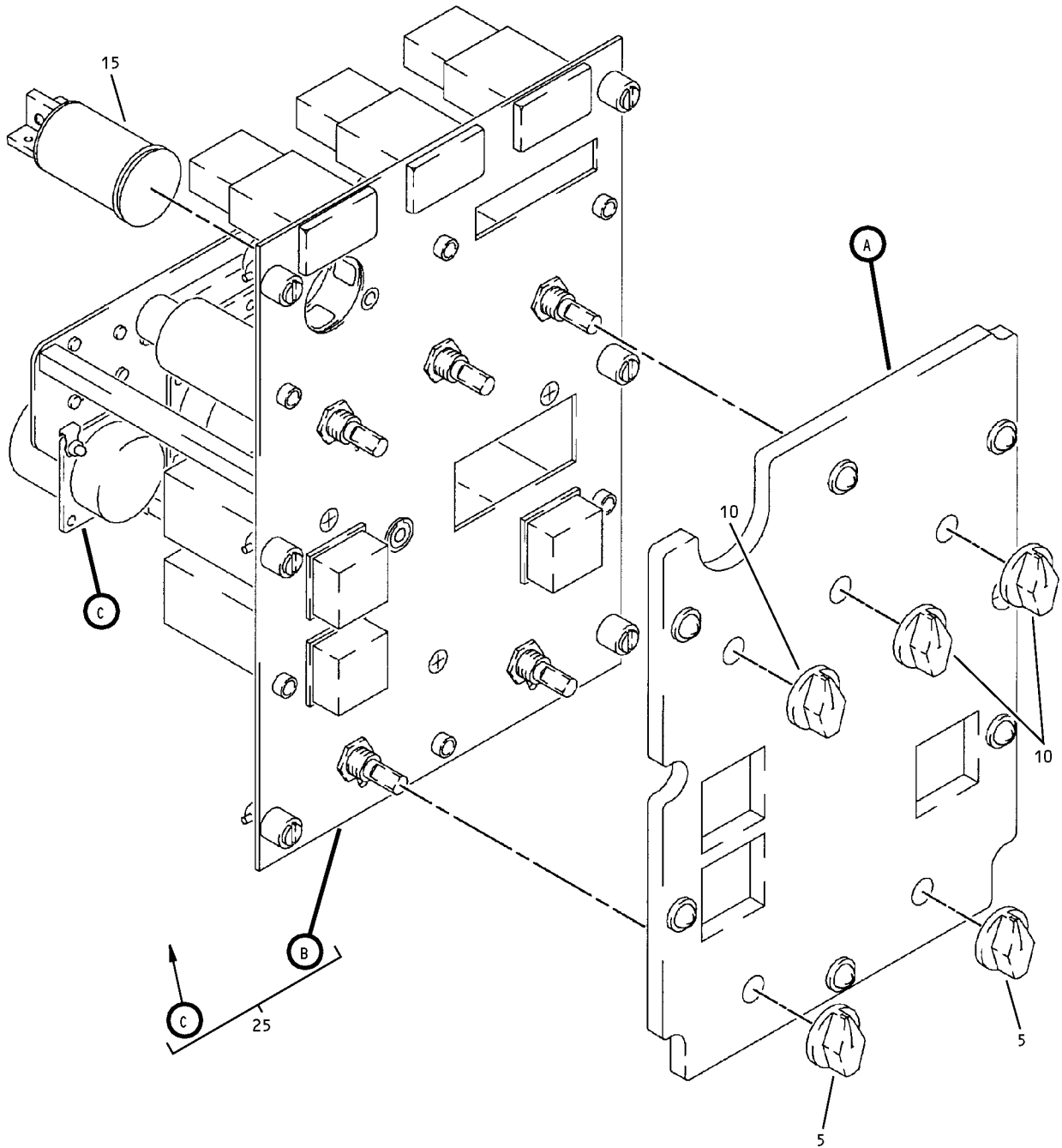
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-125	233T6200-96		.BRACKET-SPRT	C,D,G K,L,N Q,S-U X, AA-AC AE,AH AJ,AL AN,CG	1
-130	233T3236-12		.WIRE BUNDLE ASSY	C,G,X AH	1
-130A	233T3236-15		DELETED		
-130B	233T3236-23		.WIRE BUNDLE ASSY	D,AA Q,CG	1
-130C	233T3236-27		.WIRE BUNDLE ASSY	K,L,S T,AB, AC,AJ AN	1
-130D	233T3236-30		.WIRE BUNDLE ASSY	N,U, AE,AL	1
-135	M39029-1-16-20		..CONTACT-PIN (V95266)	C,G,X AH	75
-140	M39029-1-16-20		..CONTACT-PIN (V95266)	D,AA, Q,CG	87
-145	M39029-1-16-20		..CONTACT-95266 (V95266)	K,L,S T,AB, AC,AJ AN	82
-150	M39029-1-16-20		..CONTACT-PIN (V95266)	N,U, AE,AL	88

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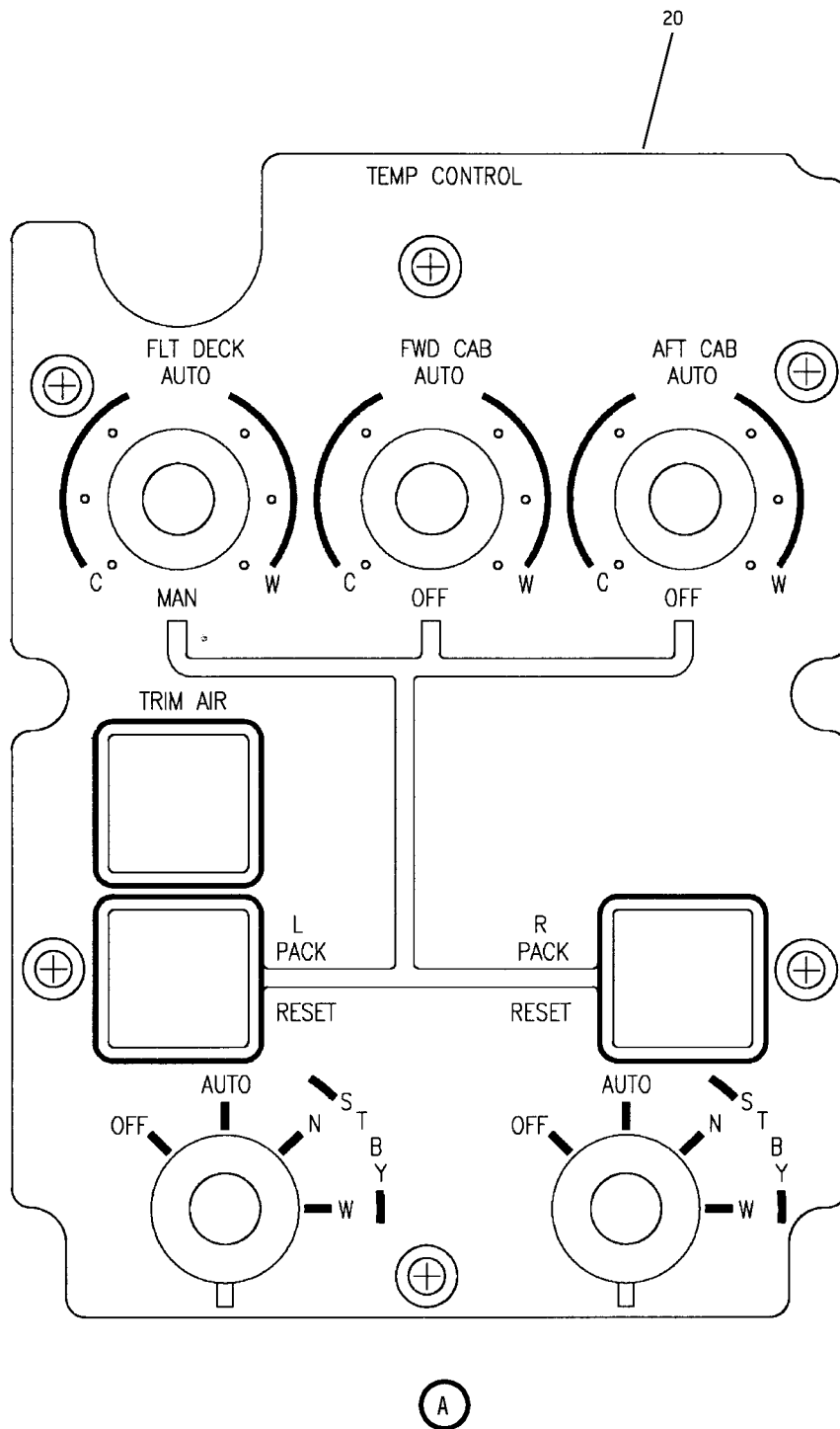
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Panel Assembly - M14 Temperature Control  
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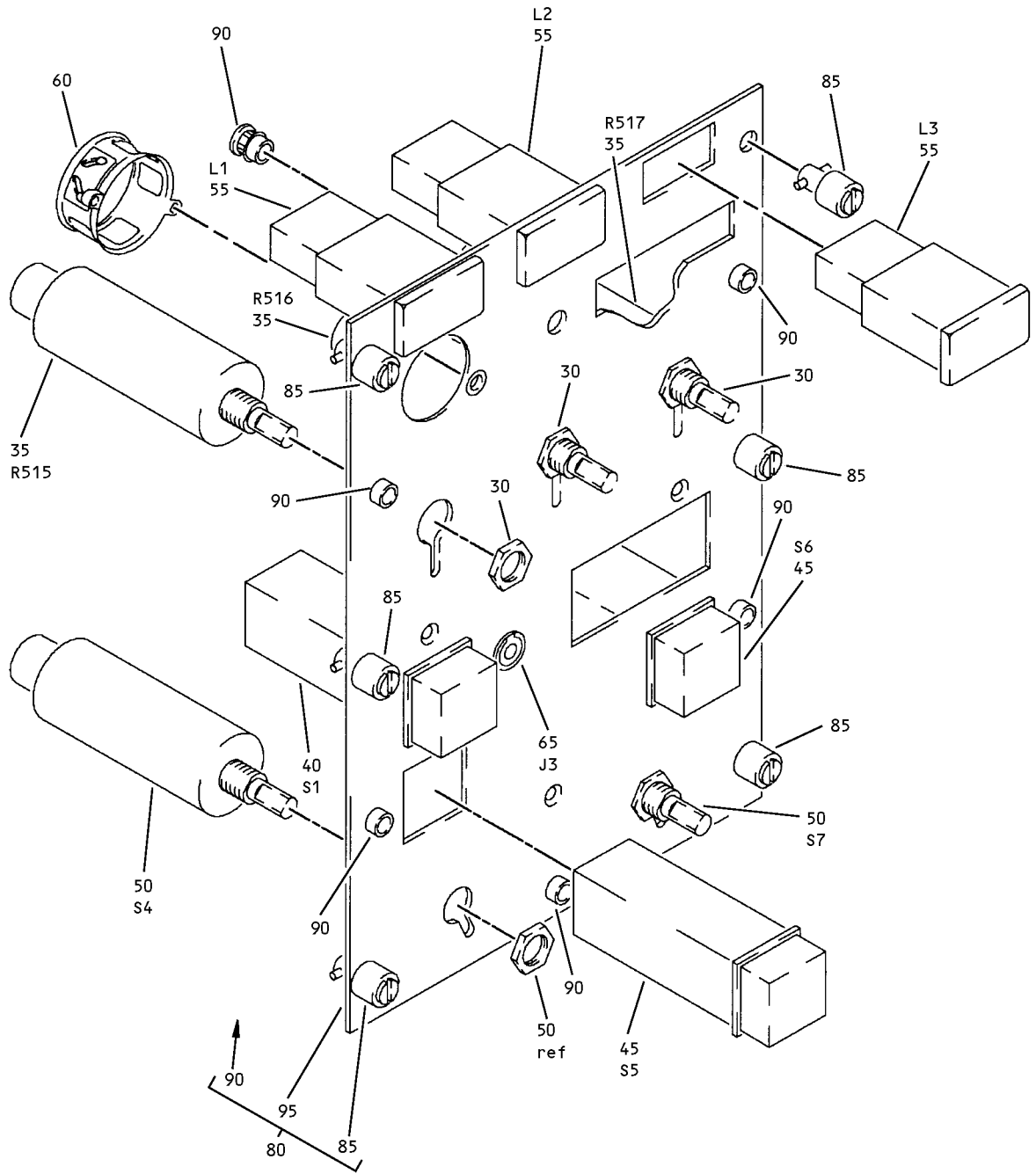
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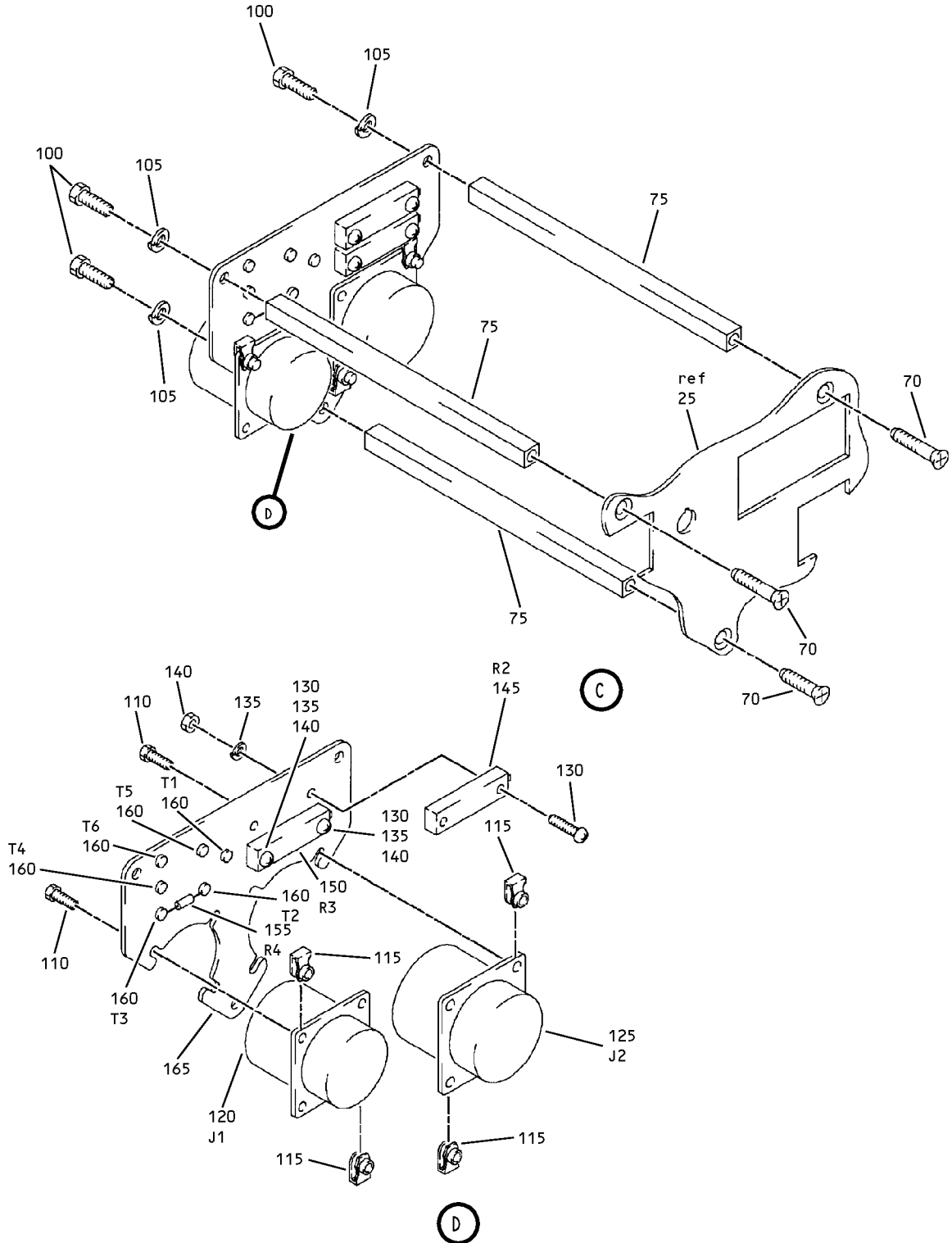
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Panel Assembly - M14 Temperature Control  
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 03-					
R -1A	233T3236-319		PANEL ASSY-M14 TEMP CONT	AP	RF
R 5	BP248-127		.KNOB- (V15084)	AP	2
R 10	BP260-113		.KNOB- (V15084)	AP	3
R 15	154LUA105		.INDICATOR- (V35918) (SPEC S231N212-8) (OPT ITEM 15A)	AP	1
R -15A	114-174		.INDICATOR- (V34830) (SPEC S231T240-3) (OPT ITEM 15)	AP	1
R 20	800-007362		.LIGHTPLATE- (V05617) (SPEC S233T100-1116) (OPT S233T100-1116 (V51896))	AP	1
R 25	233T3236-159		.PANEL ASSY	AP	1
R 30	MS25082-7		..NUT	AP	3
R 35	625868-1		..SWITCH-ROTARY (V07217) (R515-R517) (SPEC S210T130-24)	AP	3
R 40	4336731004-4224		..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (S1) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION)	AP	1
R 45	4336731004-4256		..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (S5, S6) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION)	AP	2
R 50	AC45-0063		..SWITCH-ROTARY (V91812) (S4, S7)	AP	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 03-55	BCREF8571		..LIGHT-INOP IND (V81590) (434-674-1031-2238) (L1-L3) (SPEC S231T300-2238)	AP	3
R 60	123-1000MC		..CLAMP- (V28277) (OPT ITEM 60A)	AP	1
R -60A	123-28		..CLAMP- (V28277) (OPT ITEM 60)	AP	1
R 65	800-000121-1		..CONNECTOR-PWR (V05617) (J3)	AP	1
R 70	FH6C5CPL12BN		..SCREW-FLATHEAD (V12324)	AP	3
R 75	69B46200-11		..STANDOFF	AP	3
R 80	233T3236-8		..BASEPLATE ASSY	AP	1
R 85	DBMB1400-6A1		...STUD ASSY- (V08524) (SPEC BACS21DD1B)	AP	6
R 90	SF6G6CBB5D		...NUT- (V12324) (SPEC BACN10PA06-6)	AP	6
R 95	BACP10U0862N		...BASEPLATE	AP	1
R 100	BACS12HN06-5		..SCREW	AP	3
R 105	BACW10EC06CD		..WASHER	AP	3
R 110	BACS12HN04-5		..SCREW	AP	4
R 115	K19798-04		..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119))	AP	4
R 120	BACC45FN18-31P		..CONNECTOR- (J1)	AP	1
R 125	BACC45FN20-41P7		..CONNECTOR- (J2)	AP	1
R 130	MS35214-7		..SCREW	AP	4
R 135	MS35333-69		..WASHER	AP	4
R 140	MS35649-225B		..NUT	AP	4

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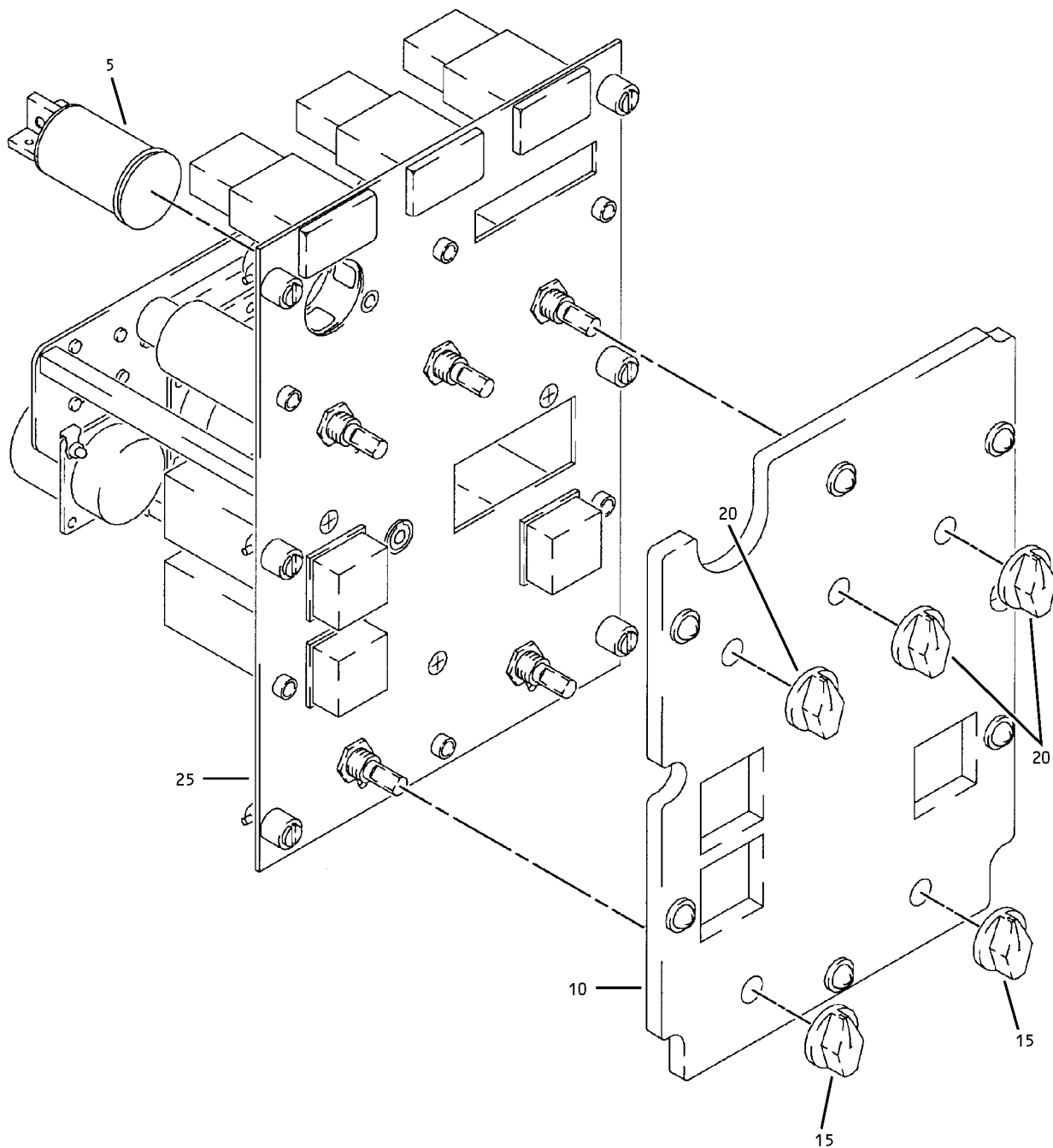
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 03-145	3059LFN8-102		..RESISTOR-VAR (V32997) (R2) (OPT ITEM 145A)	AP	1
R -145A	RJR12FL102M		..RESISTOR-VAR (R2) (OPT ITEM 145)	AP	1
R 150	3059LFN8-103		..RESISTOR-VAR (V32997) (R3) (OPT ITEM 150A)	AP	1
R -150A	RJR12FL103M		..RESISTOR-VAR (R3) (OPT ITEM 150)	AP	1
R 155	RNC60H7501FS		..RESISTOR- (R4)	AP	1
R 160	4443B9		..TERMINAL- (V88245) (T1-T6)	AP	6
R 165	233T6200-69		..BRACKET-SUPPORT	AP	1
R -170	233T3236-99		..WIRE BUNDLE ASSY	AP	1

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Panel Assembly - M14 Temperature Control  
Figure 4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04-1A	233T3100-55		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	AQ	RF
-1B	233T3236-1316		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AR	RF
-1C	233T3236-1348		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AS	RF
-1D	233T3100-168		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	AT	RF
-1E	233T3236-1317		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AU	RF
-1F	233T3236-1349		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AV	RF
-1G	233T3100-90		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	AW	RF
-1H	233T3236-1318		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AX	RF
-1I	233T3100-206		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BE	RF
-1J	233T3236-1321		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BF	RF
-1K	233T3236-1347		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BG	RF
-1L	233T3100-213		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BP	RF
-1M	233T3236-1326		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BQ	RF
-1N	233T3100-252		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BT	RF
-1P	233T3236-1328		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BU	RF
-1Q	233T3236-257		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	CA	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04- -1R	233T3236-1331		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	CB	RF
-1S	233T3236-310		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	CE	RF
-1T	233T3236-1336		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	CF	RF
5	S231T240-1		.INDICATOR	AQ-AS AW,AX	1
-5A	S231T240-2		.INDICATOR	AT-AV BE-BG BP,BQ	1
-5B	S231T240-2		.INDICATOR (OPT ITEM 5C)	BT,BU	1
-5C	S231T240-3		.INDICATOR (OPT ITEM 5B)	BT,BU	1
-5D	S231T240-3		.INDICATOR	CA,CB	1
10	S233T100-1056		.LIGHTPLATE	CE,CF AQ-AV BE-BG BP,BQ BT,BU CA,CB	1
-10A	S233T100-1059		.LIGHTPLATE	AW,AX CE,CF	1
15	BP248-110		.KNOB- (V15084)	AQ-AS AT-AV AW-AX BE-BG BP,BQ BT,BU CA,CB CE,CF	2
20	BP260-101		.KNOB- (V15084)	AQ-AS AT-AV AW-AX BE-BG BP,BQ BT,BU CA,CB CE,CF	3

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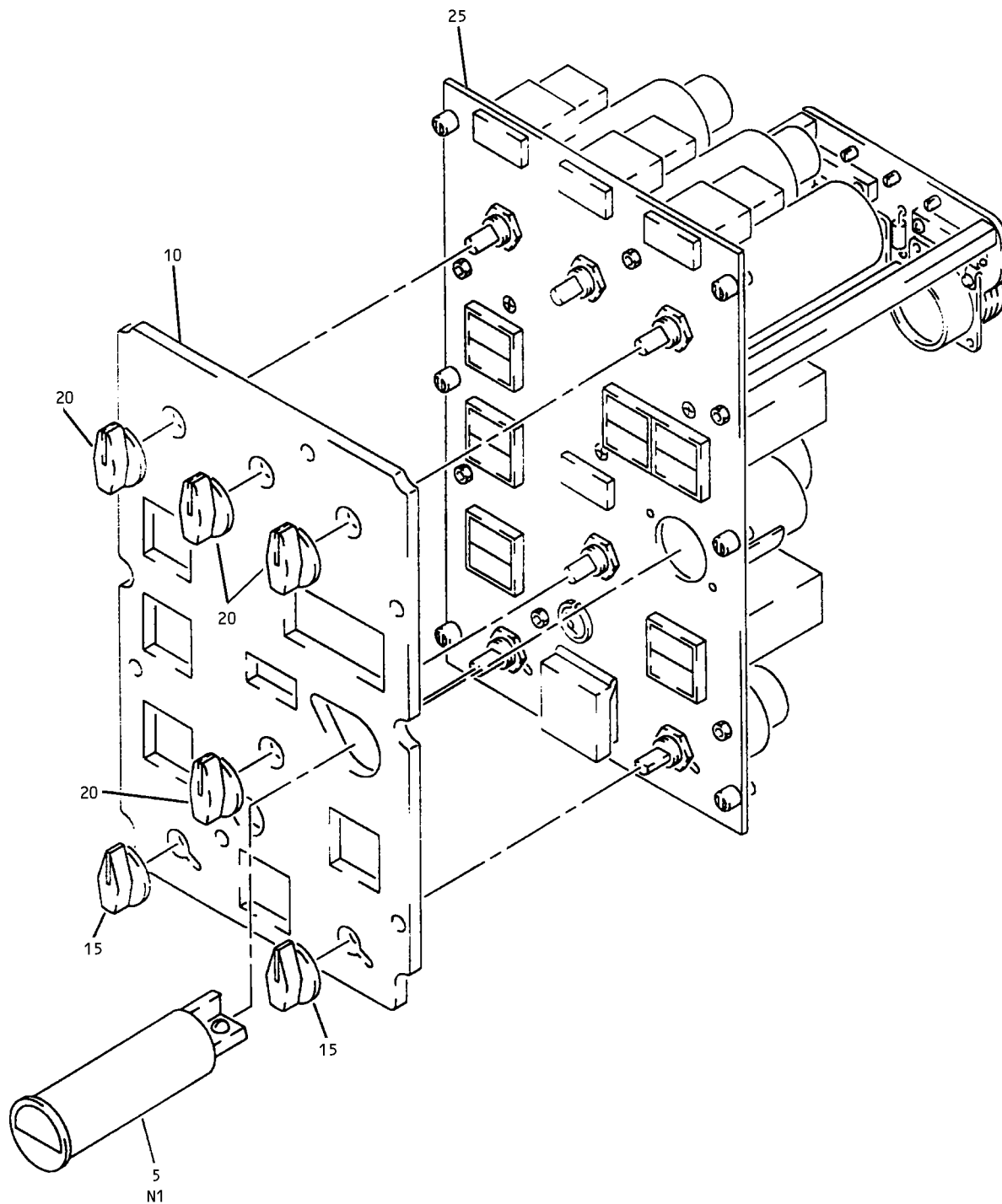
FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
04-25	233T3236-1		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	AQ,AT	1
-25A	233T3236-16		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	BE	1
-25B	233T3236-28		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	BE	1
-25C	233T3236-31		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	AQ,AT	1
-25D	233T3236-33		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BT	1
-25E	233T3236-38		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	CA	1
-25F	233T3236-5		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	AW,AX	1
-25G	233T3236-50		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	CE	1
-25H	233T3236-1001		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	AR,AU	1
-25I	233T3236-1005		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	AX	1
-25J	233T3236-1016		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BF	1
-25K	233T3236-1028		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BG,BQ	1
-25L	233T3236-1031		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	AS,AV	1
-25M	233T3236-1033		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BU	1
-25N	233T3236-1038		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	CB	1
-25P	233T3236-1050		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	CF	1
-25Q	233T3236-28		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BP	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05-1A	233T3100-154		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	AY	RF
-1B	233T3236-1319		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	AZ	RF
-1C	233T3236-1345		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BA	RF
-1D	233T3100-170		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BB	RF
-1E	233T3236-1320		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BC	RF
-1F	233T3236-1346		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BD	RF
-1G	233T3100-162		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BH	RF
-1H	233T3236-1322		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BI	RF
-1I	233T3100-163		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BJ	RF
-1J	233T3236-1323		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BK	RF
-1K	233T3100-211		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BL	RF
-1L	233T3236-1324		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BM	RF
-1M	233T3100-212		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BN	RF
-1N	233T3236-1325		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BO	RF
-1P	233T3100-214		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BR	RF
-1Q	233T3236-1327		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BS	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05- -1R	233T3100-254		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BV	RF
-1S	233T3236-1329		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BW	RF
-1T	233T3100-256		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	BX	RF
-1U	233T3236-1330		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BY	RF
-1V	233T3236-1350		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	BZ	RF
-1W	233T3100-258		PANEL ASSY-M14 TEMP CONT (PRE SB 233T3236-21-05)	CC	RF
-1X	233T3236-1332		PANEL ASSY-M14 TEMP CONT (POST SB 233T3236-21-05)	CD	RF
5	S231T240-1		.INDICATOR	AY,AZ BA, BH-BK	1
-5A	S231T240-2		.INDICATOR	BB-BD BL-BO BR,BS	1
-5B	S231T240-2		.INDICATOR (OPT ITEM 5C)	BV-BZ CC,CD	1
-5C	S231T240-3		.INDICATOR (OPT ITEM 5B)	BV-BZ CC,CD	1
10	S233T100-1079		.LIGHTPLATE	AY,AZ BA-BD BL-BO BV-BZ	1
-10A	S233T100-1082		.LIGHTPLATE	BJ,BK BR,BS CC,CD	1
-10B	S233T100-1059		.LIGHTPLATE	BH,BI	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05-15	BP248-110		.KNOB- (V15084)	AY,AZ BA-BD BH-BO BR,BS BV-BZ CC,CD	2
20	BP260-101		.KNOBS (V15084)	AY,AZ BA-BD BH-BO BR,BS BV-BZ CC,CD	4
25	233T3236-10		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	AY,BB	1
-25A	233T3236-20		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BH	1
-25B	233T3236-22		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BJ	1
-25C	233T3236-24		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	AY,BB	1
-25D	233T3236-26		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BN	1
-25E	233T3236-29		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BR	1
-25F	233T3236-35		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BV	1
-25G	233T3236-37		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	BX	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
05- -25H	233T3236-39		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	CC	1
-25J	233T3236-95		.PANEL ASSY-M14 TEMP CONT (LIMITED) (FOR DETAILS SEE FIG. 1)	BX	1
-25K	233T3236-1010		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	AZ,BC	1
-25L	233T3236-1020		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BI	1
-25M	233T3236-1022		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BK	1
-25N	233T3236-1024		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BA,BD	1
-25P	233T3236-1026		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BM	1
-25Q	233T3236-1029		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BO	1
-25R	233T3236-1035		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BS	1
-25S	233T3236-1037		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BW	1
-25T	233T3236-1039		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BY	1
-25U	233T3236-24		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	CD	1
-25V	233T3236-1095		.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BL	1
			.PANEL ASSY-M14 TEMP CONT (FOR DETAILS SEE FIG. 1)	BZ	1

- Item Not Illustrated

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
06-					
-1	851-30768-2056		DELETED		
5	MS25237-387		DELETED		
10	851-30768-556		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		
07-					
-1	BCREF6202		DELETED		
-1A	BCREF6202		DELETED		
5	MS25237-387		DELETED		
10	674-1005-1238		DELETED		
15	434-093-001		DELETED		
20	434-1005-1238		DELETED		

- Item Not Illustrated

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