

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF BLEED AIR CONTROL PANEL ASSEMBLY M15 COMPONENT MAINTENANCE
MANUAL 36-11-54

REVISION NO. 21 DATED JUL 01/03

HIGHLIGHTS

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

CHAPTER/SECTION

AND PAGE NO.

DESCRIPTION OF CHANGE

TITLE PAGE

Added assemblies P/N P/N 233T3100-128, -129, -173,
-223, -224, -228, -244, -245, -266, -274, -276, -291,
-318, -319, -333, -335, -336, -343, -443.

1

102-103,105-106,

108-111,113,115

1004-1031,1037-1039,

1073-1080R

TR & SB RECORD

Added assemblies P/N 233T3237-1308 thru -1325 per
CSB 233T3237-36-04 R1.

1

102-103,105-106,

108-111,113,115

1004-1011,1039-1041,

1075-1080R

TR & SB RECORD

Incorporated TR 36-6.

1

104,107,112

Edited without technical change.

REPAIR-GEN

Changed the reference SOPM callout on the REPAIR
section to read 20-11-05 instead of 20-12-05.

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HIGHLIGHTS

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BLEED AIR CONTROL PANEL ASSEMBLY, M15

PART NUMBERS 233T3237-5,-7,-10,-13 THRU -19,
-21,-24,-25,-27,-30,-32,
-300 THRU -302,-304 THRU
-311,-1005,-1007,-1010,
-1013 THRU -1019,-1021,
-1024,-1025,-1027,-1030,
-1032,-1300,-1301,-1302,
-1304,-1307 THRU -1325
233T3100-128,-129,-173,-223,-224,
-228,-244,-245,-266,-274,
-276,-291,-318,-319,-333,
-335,-336,-343,-443

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 |
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TEMPORARY REVISION AND SERVICE BULLETIN RECORD

| BOEING SERVICE BULLETIN | BOEING TEMPORARY REVISION | OTHER DIRECTIVE | DATE OF INCORPORATION INTO MANUAL |
|--|---------------------------|---|--|
| SB233T3237-36-1 SB233T3237-36-02 | | PRR C12010 PRR C12011 PRR B10746 MC B1242-001K PRR B11110-2 PRR C12526 PRR B11481-11 PRR B11632 PRR B11632 RR B41018-29 MC 2425MK6003 | OCT 10/82 OCT 10/82 OCT 10/82 JUL 10/85 JUL 10/85 JUL 10/85 OCT 10/85 JAN 01/88 APR 01/88 JAN 01/89 JAN 01/89 JUL 01/91 |
| SB233T3237-36-02 R1 SB233T3237-36-02 R2 | | MC 2425MK6003 MC 3620MP6007 PRR B12574 MC 2425MK6003 PRR B13279 PRR B12901-10S | JAN 01/92 JUL 01/99 JUL 01/99 NOV 01/99 NOV 01/00 NOV 01/01 NOV 01/01 JUL 01/03 JUL 01/03 |
| 233T3237-36-03 | | | |
| 233T3237-36-04 | | | |
| 233T3237-36-04R1 | 36-5 36-6 | | |

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| REVISION RECORD | | | *115 | JUL 01/03 | 01.1 |
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| 2 | BLANK | | REPAIR-GENERAL | | |
| TR & SB RECORD | | | *601 | JUL 01/03 | 01.1 |
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| Assembly. | .*[2] |
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*[1] Use applicable procedures in 20-11-05 and standard industry practices.

*[2] Special instructions not required.

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INTRODUCTION

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

This manual is divided into separate sections:

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

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

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

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

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

Verification:

Testing/TS Dec 08/82

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INTRODUCTION

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BLEED AIR CONTROL PANEL ASSEMBLYDESCRIPTION AND OPERATION1. Description

- A. The bleed air control panel assembly consists of switches, indicators, and connectors mounted on a baseplate and interconnected by a wire bundle assembly.

2. Operation

- A. Bleed Air Control Panel Assembly, M15, is located on the Pilots' overhead P5 panel. Bleed Air Control Panel Assembly circuitry contains:

- (1) The indicator lights, L1 through L7, are illuminated when a 28V DC incoming power is applied at indicator light pins 1(+) and pins 2 or 3(-).
- (2) Switch S1 through S6 is a lighted push-button switch with alternate action. The switch light is illuminated when a 28V DC incoming power is applied at switch pin 18(+) and pin 16 or 17(-). When 5V DC is applied at switch pin 13(+) and 15(-) and the switch is in the ON position, the switch light is illuminated.

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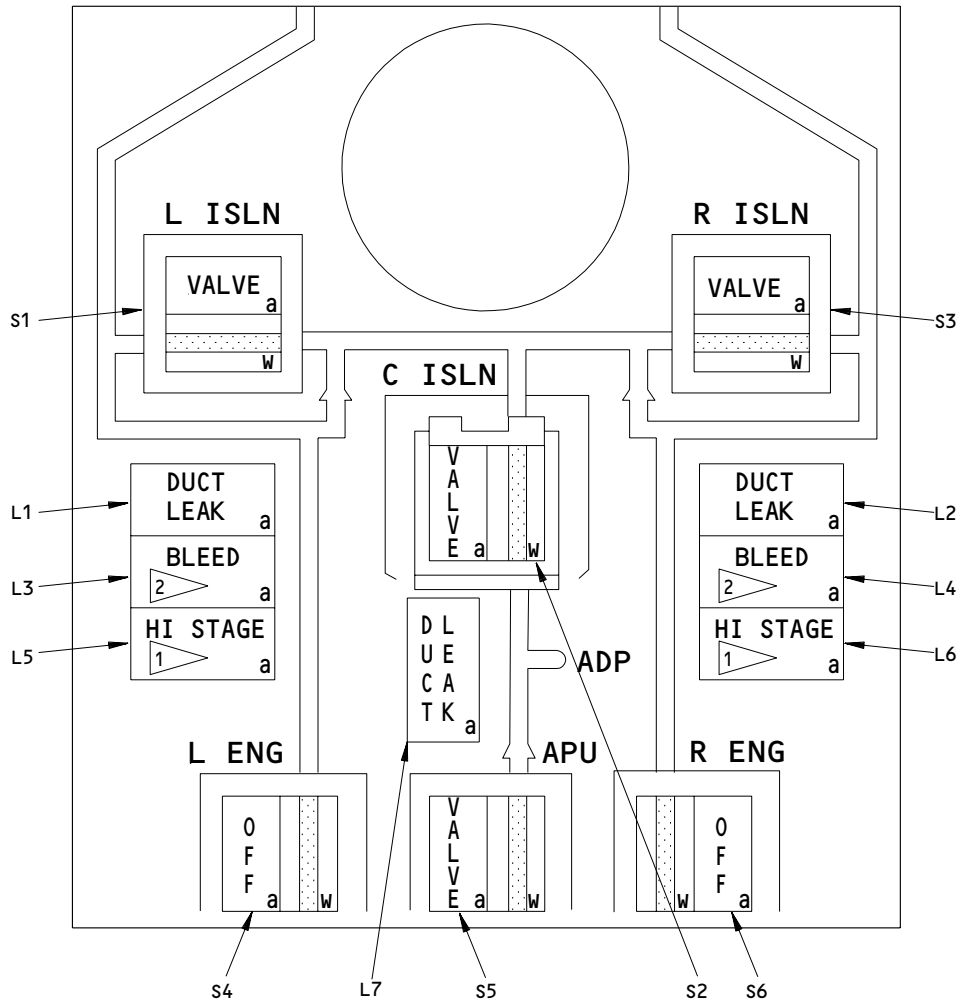
TESTING AND TROUBLE SHOOTING1. Test Equipment

- A. Power Supply -- 5 Vdc, 1 amp
- B. Power Supply -- 28 Vdc, 1 amp
- C. Multimeter -- Any model in the Simpson 260 series of multimeters/VOMs or equivalent
- D. Test connectors (Boeing multipurpose breakout box A33003-2 and cables A33003-61 and A33003-62 can be used).
 - (1) Test connector: BACC45FT22-55S8 (mates to J1)
 - (2) Test connector: BACC45FT22-55S9 (mates to J2)

2. Functional Test

- A. Connect J2 to breakout box using cable A33003-62.
- B. Perform test steps listed in Fig. 102 (see Fig. 101 for component locations).

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1 "OVHT" FOR 233T3237-17,-18,-25,-27,-30,-300,-301,-304 THRU -311,-1017,-1018,-1025,-1027,-1030,-1300,-1301,-1304,-1307,-1316 THRU -1318 AND 233T3100-266,-274,-319,-335,-336,-343 "BLD OVHT" FOR 233T3237-32,-302,-1032,-1302 AND 233T3100-443

2 BLANK FOR 233T3237-307,-309,-1307

233T3100 AND 233T3237

Component Locations
 Figure 101

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED | | | | | | | | | | | | | | | |
|--|---|----------------------|---------------|--|-----|------|----|------|------|----|------|------|----|------|-----|----|--|
| <p>Connect +5 vdc to J2-1 and ground to J2-2.</p> <p>(For P/N 233T3237-300 thru -302, -304 thru -311, -1300, -1301, -1302, -1304, -1307 thru -1325 and 233T3100-128, -129, -173, -223, -224, -228, -244, -245, -266, -274, -276, -291, -318, -319, -333, -335, -336, -343, -443). Monitor the lightplate switch.</p> | <p>Illuminate</p> | <p>lightplate J3</p> | | | | | | | | | | | | | | | |
| <p>Set switches S1 thru S6 ON.</p> | <p>Bar displays visible and illuminated on S1 thru S6</p> | <p>S1 thru S6</p> | | | | | | | | | | | | | | | |
| <p>Set switches S1 thru S6 OFF.</p> | <p>Bar displays no longer visible or illuminated</p> | <p>S1 thru S6</p> | | | | | | | | | | | | | | | |
| <p>Measure ohms between pins.</p> | | | | | | | | | | | | | | | | | |
| <p>Connector J2</p> <p>17 to 18</p> <p>10 to 11</p> <p>10 to 9</p> | <table border="0"> <tr> <td><u>S5 on</u></td> <td><u>S5 off</u></td> <td></td> </tr> <tr> <td>Con</td> <td>Open</td> <td>S5</td> </tr> <tr> <td>Con</td> <td>Open</td> <td>S5</td> </tr> <tr> <td>Open</td> <td>Con</td> <td>S5</td> </tr> </table> | <u>S5 on</u> | <u>S5 off</u> | | Con | Open | S5 | Con | Open | S5 | Open | Con | S5 | | | | |
| <u>S5 on</u> | <u>S5 off</u> | | | | | | | | | | | | | | | | |
| Con | Open | S5 | | | | | | | | | | | | | | | |
| Con | Open | S5 | | | | | | | | | | | | | | | |
| Open | Con | S5 | | | | | | | | | | | | | | | |
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| <u>S3 on</u> | <u>S3 off</u> | | | | | | | | | | | | | | | | |
| Con | Open | S3 | | | | | | | | | | | | | | | |
| Open | Con | S3 | | | | | | | | | | | | | | | |
| Con | Open | S3 | | | | | | | | | | | | | | | |
| Open | Con | S3 | | | | | | | | | | | | | | | |
| <p>27 to 26</p> <p>13 to 12</p> <p>13 to 14</p> | <table border="0"> <tr> <td><u>S6 on</u></td> <td><u>S6 off</u></td> <td></td> </tr> <tr> <td>Con</td> <td>Open</td> <td>S6</td> </tr> <tr> <td>Con</td> <td>Open</td> <td>S6</td> </tr> <tr> <td>Open</td> <td>Con</td> <td>S6</td> </tr> </table> | <u>S6 on</u> | <u>S6 off</u> | | Con | Open | S6 | Con | Open | S6 | Open | Con | S6 | | | | |
| <u>S6 on</u> | <u>S6 off</u> | | | | | | | | | | | | | | | | |
| Con | Open | S6 | | | | | | | | | | | | | | | |
| Con | Open | S6 | | | | | | | | | | | | | | | |
| Open | Con | S6 | | | | | | | | | | | | | | | |

Functional Test
Figure 102 (Sheet 1)

| TEST PROCEDURE | REQUIRED RESULTS | | COMPONENT TESTED |
|---|--|---|--|
| <p>Remove all connections.</p> <p>Disconnect J2 and connect J1 to breakout box using cable A33003-61.</p> <p>Measure ohms between pins:</p> <p>Connector J1</p> <p>2 to 1</p> <p>2 to 5</p> <p>17 to 6</p> <p>17 to 34</p> <p>14 to 13</p> <p>14 to 15</p> <p>50 to 49</p> <p>50 to 51</p> <p>30 to 32</p> <p>11 to 10</p> <p>11 to 12</p> <p>25 to 24</p> <p>27 to 28</p> | <p><u>S1 on</u></p> <p>Con</p> <p>Open</p> <p>Con</p> <p>Open</p> <p><u>S2 on</u></p> <p>Con</p> <p>Open</p> <p>Con</p> <p>Open</p> <p>Con</p> <p><u>S4 on</u></p> <p>Con</p> <p>Open</p> <p>Con</p> <p><u>S5 on</u></p> <p>Con</p> | <p><u>S1 off</u></p> <p>Open</p> <p>Con</p> <p>Open</p> <p>Con</p> <p><u>S2 off</u></p> <p>Open</p> <p>Con</p> <p>Open</p> <p>Con</p> <p>Open</p> <p><u>S4 off</u></p> <p>Open</p> <p>Con</p> <p>Open</p> <p><u>S5 off</u></p> <p>Open</p> | <p>S1</p> <p>S1</p> <p>S1</p> <p>S1</p> <p>S2</p> <p>S2</p> <p>S2</p> <p>S2</p> <p>S2</p> <p>S4</p> <p>S4</p> <p>S4</p> <p>S5</p> |

Functional Test
Figure 102 (Sheet 2)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|--|--|-----------------------------|
| <p>Connect J1-3 to +28 vdc and J1-4 to ground.</p> <p>Disconnect J1-4.</p> | <p>S2,S4,L1,L3,L5, and L7 illuminated (S1 also on 233T3237-5,-7,-13,-15,-18,-24,-30,-300,-310,-1005,-1007,-1013,-1015,-1018,-1024,-1030,-1300,-1308,-1309,-1311,-1314,-1318,-1322, and 233T3100-128,-244,-274,-276,-335; 233T3100-129 made with 233T3237-7; 233T3100-223 made with 233T3237-13)</p> | <p>S1,S2,S4,L1,L3,L5,L7</p> |

Functional Test
 Figure 102 (Sheet 3)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|---|---|--|
| Connect the following pins to ground momentarily. J1-19 J1-37 J1-38 J1-55 J1-23 J1-50 J1-17 (233T3237-5,-7,-13,-15,-18,-24,-30,-300,-310,-1005,-1007,-1013,-1015,-1018,-1024,-1030,-1300,-1308,-1309,-1311,-1314,-1318,-1322, and 233T3100-128,-244,-274,-276,-335; 233T3100-129 made with 233T3237-7; 233T3100-223 made with 233T3237-13) | The following are illuminated while the pins are grounded L7 L1 L5 L3 S4 S2 S1 | L7 L1 L5 L3 S4 S2 S1 |

Functional Test
 Figure 102 (Sheet 4)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|---|--|--|
| <p>Disconnect 28 vdc from J1-3.</p> <p>Connect ground to J1-3.</p> <p>Connect the following pins to +28 vdc momentarily.</p> <p style="padding-left: 40px;">J1-4</p> <p style="padding-left: 40px;">J1-19</p> <p style="padding-left: 40px;">J1-37</p> <p style="padding-left: 40px;">J1-38</p> <p style="padding-left: 40px;">J1-55</p> <p style="padding-left: 40px;">J1-23</p> <p style="padding-left: 40px;">J1-50</p> <p style="padding-left: 40px;">J1-17</p> <p>Remove all connections.</p> <p>Disconnect J1 and connect J2 to breakout box using cable A33003-62.</p> | <p>No switches or indicators should be illuminated when +28 vdc is applied</p> | <p>S1,S2,S4,L3,L5,L7</p> <p>L7</p> <p>L1</p> <p>L5</p> <p>L3</p> <p>S4</p> <p>S2</p> <p>S1</p> |

Functional Test
 Figure 102 (Sheet 5)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|--|---|--|
| <p>(For all assemblies except P/N 233T3237 -300 thru -302, -304 thru -311, 1300 thru -1302, -1304,-1307 thru -1325 and 233T3100-128,-129,-173,-223,-224,-228,-244,-245,-266,-274,-276,-291,-318,-319,-333,-335,-336,-343,-443). Measure the resistance between pins:</p> <p>J2-1 to J2-2 J2-1 to J3 center post J2-2 to baseplate</p> <p>Connect J2-3 to +28 vdc and J2-4 to ground.</p> <p>Disconnect J2-4.</p> | <p>Open Con Con</p> <p>S5, S6, L6, L4 and L2 illuminated (S3 also on 233T3237-5,-7,-13,-15,-18,-24,-30,-300,-310,-1005,-1007,-1013,-1015,-1018,-1024,-1030,-1300,-1308,-1309,-1311,-1314,-1318,-1322, and 233T3100-128,-244,-274,-276,-335; 233T3100-129 made with 233T3237-7; 233T3100-223 made with 233T3237-13)</p> | <p>J3 J3 J3</p> <p>S5,S3,S6,L6,L4,L2</p> |

Functional Test
 Figure 102 (Sheet 6)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|--|---|------------------|
| Connect the following pins to ground momentarily. | The following are illuminated while the pins are grounded | |
| J2-15 | L6 | L6 |
| J2-5 (233T3237-5,-1005,-1308, and 233T3100-128) | L4 | L4 |
| J2-55 (For all except 233T3237-5,-1005,-1308, and 233T3100-128) | L4 | L4 |
| J2-16 | L2 | L2 |
| J2-39 | S5 | S5 |
| J2-35 (233T3237-5,-7,-13,-15,-18,-24,-30,-300,-310,-1005,-1007,-1013,-1015,-1018,-1024,-1030,-1300,-1308,-1309,-1311,-1314,-1318,-1322, and 233T3100-128,-244,-274,-276,-335; 233T3100-129 made with 233T3237-7; 233T3100-223 made with 233T3237-13) | S3 | S3 |
| J2-46 | S6 | S6 |

Functional Test
 Figure 102 (Sheet 7)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|---|---|---|
| Remove all connections. Connect ground to J2-3. Connect the following pins to 28 vdc momentarily. J2-4 J2-15 J2-5 (233T3237-5,-1005,-1308, and 233T3100-128) J2-55 (For all except 233T3237-5,-1005,-1308, and 233T3100-128) J2-16 J2-39 J2-35 J2-46 | No switches or indicators should be illuminated | S5,S3,S6,L6, L4,L2 L6 L4 L4 L2 S5 S3 S6 |

Functional Test
 Figure 102 (Sheet 8)

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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|--|---|---------------------|
| <p>Remove all connections.</p> <p><u>233T3237-10,-14,-16,-17,-19,-21,-25,-27,-32,-301,-302,-304 thru -309,-311,-1010,-1014,-1016,-1017,-1019,-1021,-1025,-1027,-1032,-1301,-1302,-1304,-1307,-1310,-1312,-1313,-1315 thru -1317,-1319 thru -1321,-1323, thru -1325, and 233T3100-173,-224,-228,-245,-266,-291,-318,-319,-333,-336,-343,-443; 233T3100-129, made with 223T3237-10; 233T3100-223 made with 223T3237-14</u></p> <p>Connect J2-41 to 28v dc and J2-42 to ground.</p> <p>Disconnect J2-42.</p> <p>Connect J2-35 to ground.</p> <p>Remove all connections.</p> | <p>S3 illuminated</p> <p>S3 illuminated</p> | <p>S3</p> <p>S3</p> |

Functional Test
 Figure 102 (Sheet 9)

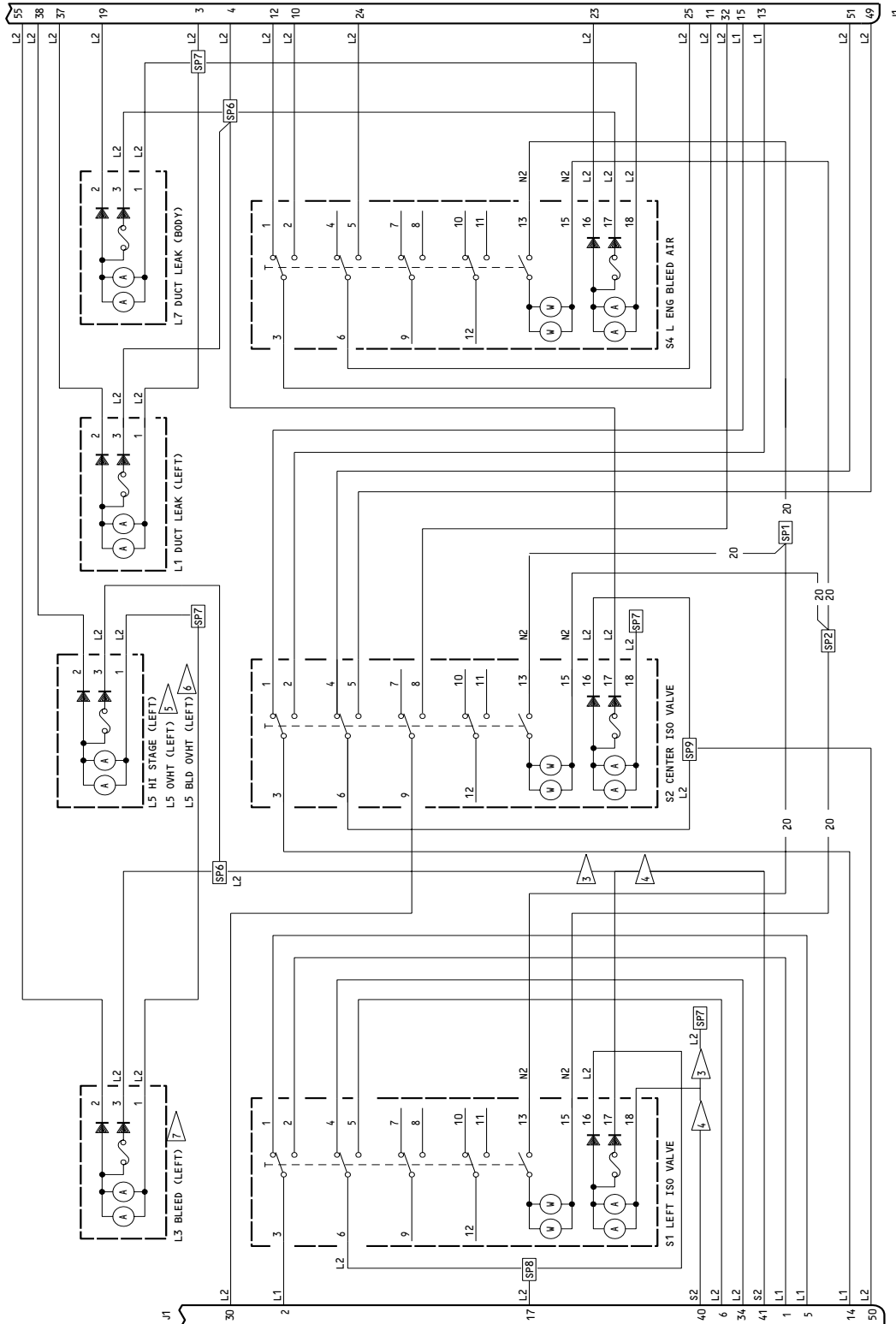
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| TEST PROCEDURE | REQUIRED RESULTS | COMPONENT TESTED |
|--|---|---|
| <p>Connect J2-41 to ground.</p> <p>Connect the following pins to 28v dc momentarily.</p> <p style="padding-left: 40px;">J2-42 J2-35</p> <p>Remove all connections.</p> <p>Disconnect J2 and connect J1 to breakout box using cable. A33003-61.</p> <p>Connect J1-40 to 28v dc and J1-41 to ground.</p> <p>Disconnect J1-41.</p> <p>Connect J1-17 to ground.</p> <p>Remove all connections.</p> <p>Connect ground to J1-40.</p> <p>Connect the following pins to +28v dc momentarily.</p> <p style="padding-left: 40px;">J1-41 J1-17</p> <p>Remove all connections.</p> | <p>No switches or indicators should be illuminated</p> <p>S1 illuminated</p> <p>S1 illuminated</p> <p>No switches or indicators should be illuminated</p> | <p>S3 S3</p> <p>S1</p> <p>S1</p> <p>S1 S1</p> |

Functional Test
Figure 102 (Sheet 10)

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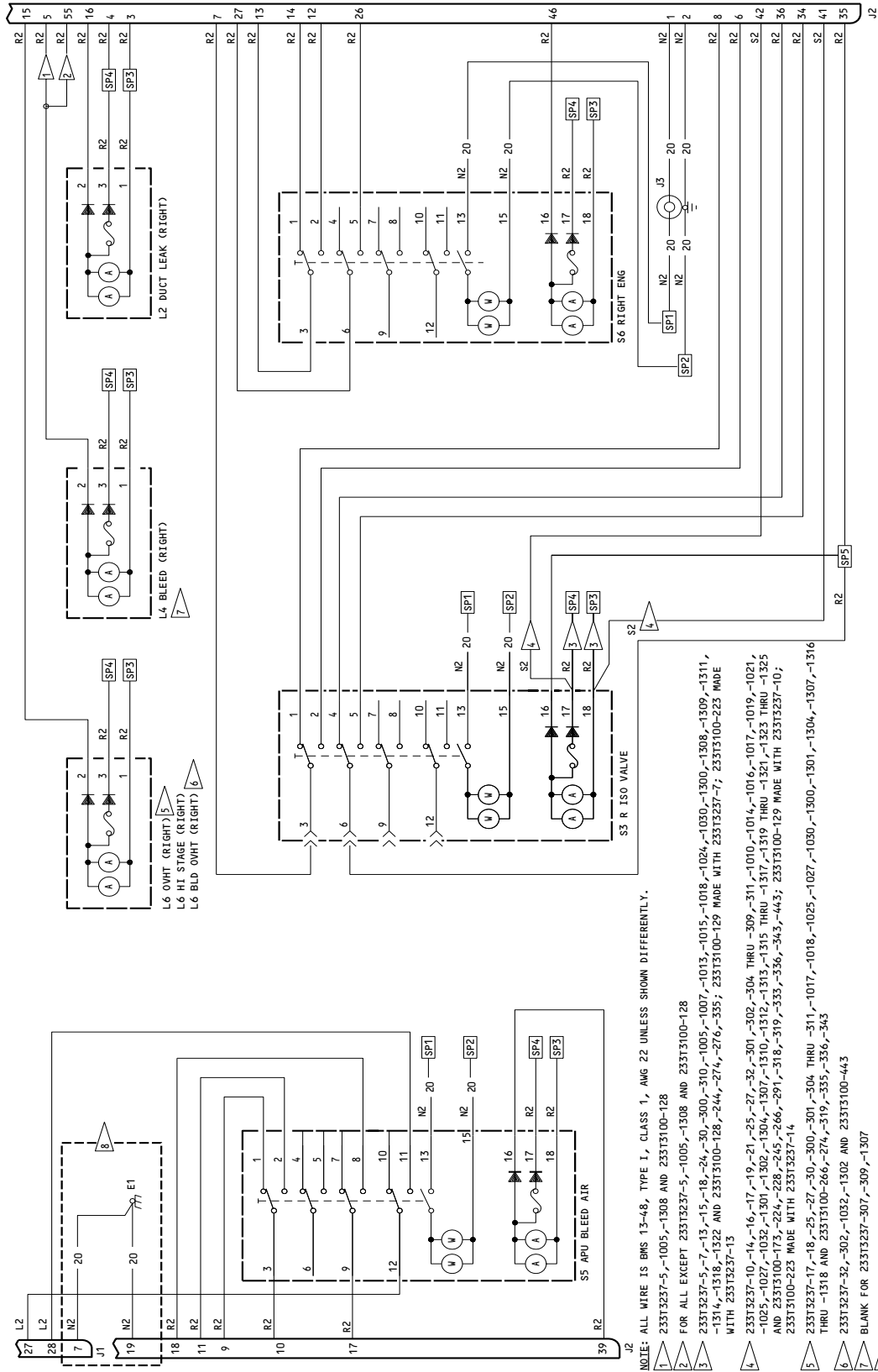


233T3100 AND 233T3237
M15, Bleed Air Control Panel Assembly Schematic Diagram
Figure 103 (Sheet 1)

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- NOTE:** ALL WIRE IS BMS 13-48, TYPE I, CLASS 1, AWG 22 UNLESS SHOWN DIFFERENTLY.
- 1 233T3237-5,-1005,-1308 AND 233T3100-128
 - 2 FOR ALL EXCEPT 233T3237-5,-1005,-1007,-1013,-1015,-1018,-1024,-1030,-1300,-1308,-1309,-1311,-1311,-1318,-1322 AND 233T3100-128,-244,-274,-276,-355, 233T3100-129 MADE WITH 233T3237-7, 233T3100-223 MADE WITH 233T3237-13
 - 3 233T3237-5,-7,-13,-15,-18,-24,-30,-300,-310,-1005,-1007,-1013,-1015,-1018,-1024,-1030,-1300,-1308,-1309,-1311,-1311,-1318,-1322 AND 233T3100-128,-244,-274,-276,-355, 233T3100-129 MADE WITH 233T3237-7, 233T3100-223 MADE WITH 233T3237-10;
 - 4 233T3237-10,-14,-16,-17,-19,-21,-25,-27,-32,-301,-302,-304 THRU -309,-311,-1010,-1014,-1016,-1017,-1019,-1021,-1025,-1027,-1032,-1301,-1302,-1304,-1307,-1310,-1312,-1313,-1315 THRU -1317,-1319 THRU -1321,-1323 THRU -1325 AND 233T3100-173,-224,-228,-245,-266,-291,-318,-319,-333,-336,-343,-443; 233T3100-129 MADE WITH 233T3237-10;
 - 5 233T3237-17,-18,-25,-27,-30,-300,-301,-304 THRU -311,-1017,-1018,-1025,-1027,-1030,-1301,-1304,-1307,-1316 THRU -1318 AND 233T3100-266,-274,-319,-355,-356,-343
 - 6 233T3237-32,-302,-1032,-1302 AND 233T3100-443
 - 7 BLANK FOR 233T3237-307,-309,-1307
 - 8 233T3237-307,-309,-1307

233T3100 AND 233T3237
M15, Bleed Air Control Panel Assembly Schematic Diagram
 Figure 103 (Sheet 2)

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REPAIR1. Materials

- A. Varglas non-fray, type H0 or HP sleeving (Varflex Corp., 512 W Court Street, Rome, New York, 13440)
- B. Loctite sealant type 222 or 242 without primer (Loctite Corp., 705 North Mountain Road, Newington, Connecticut 06111-1411)

2. All repairs can be accomplished using standard industry practices and procedures listed in SOPM 20-11-05 except as follows:

A. When replacing wires, bundle the wires as follows:

(1) Separate wires by categories.

- L1 and L2 (red, L1 and L2 are in same category)
- R2 (green)
- N2 (white, may be bundled with any other category)
- S2 (blue)

(2) Maintain 1/4 inch spacing between bundles.

(3) Use Varglas Non-Fray Type H0 or HP and 63-9273-2 separators as required to ensure 1/4 inch separation.

B. When you remove or replace the baseplate assembly (Fig. 1-60; Fig. 2-70) or standoff (Fig. 1-95; Fig. 2-105), apply loctite sealant (type 222 or 242 without primer) to threaded parts of the screws (Fig. 1-65; Fig. 2-75) before you tighten.

C. When you replace the Korry lighted pushbutton switches, 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.

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ILLUSTRATED PARTS LIST

1. This section lists and illustrates replaceable or repairable component parts. The Illustrated Parts Catalog contains a complete explanation of the Boeing part numbering system.

2. Indentures show parts relationships as follows:

Assembly

Detail Parts for Assembly

Subassembly

Attaching Parts for Subassembly

Detail Parts for Subassembly

Detail Installation Parts (Included only if installation parts may be returned to shop as part of assembly)

3. One use code letter (A, B, C, etc.) is assigned in the EFF CODE column for each variation of top assembly. All listed parts are used on all top assemblies except when limitations are shown by use code letter opposite individual part entries.

4. Letter suffixes (alpha-variants) are added to item numbers for optional parts. Service Bulletin modification parts, configuration differences (except left- and right-hand parts), product improvement parts, and parts added between two sequential item numbers. The alpha-variant is not shown on illustrations when appearance and location of all variants of the parts is the same.

5. Service Bulletin modifications are shown by the notations PRE SB XXXX and POST SB XXXX.

A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration differences at detail part level are then shown by use code letter.

B. When the top assembly part number is not changed by the Service Bulletin, the notations appear at the detail part level.

6. Parts Interchangeability

Optional
(OPT)

The parts are optional to and interchangeable with other parts having the same item number.

Supersedes, Superseded By
(SUPSDS, SUPSD BY)

The part supersedes and is not interchangeable with the original part.

Replaces, Replaced By
(REPLS, REPLD BY)

The part replaces and is interchangeable with, or is an alternate to, the original part.

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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

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

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

51074 WEST COAST SPECIALTIES INC
 8158 304TH AVE SE PO BOX 5010
 PRESTON, WASHINGTON 98050
 FORMERLY V0424B; FORMERLY IN ISSAQUAH, WA

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

72794 DZUS FASTENER COMPANY, INCORPORATED
 425 UNION BOULEVARD
 WEST ISLIP, NEW YORK 11795-3123
 FORMERLY IN BABYLON, NEW YORK

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**BOEING**
COMPONENT
MAINTENANCE MANUALVENDORS

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

95266 O E C O CORP
4607 SE INTERNATIONAL WAY
MILWAUKIE, OREGON 97222
FORMERLY OSBOURNE ELECTRIC IN PORTLAND, OREGON

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 | BACC45FN22-55P8 | 1-110 |
| J1 | BACC45FN22-55P8 | 2-120 |
| J1 | BACC45FN22-55P8 | 3-110 |
| J2 | BACC45FN22-55P9 | 1-115 |
| J2 | BACC45FN22-55P9 | 2-125 |
| J2 | BACC45FN22-55P9 | 3-115 |
| J3 | 800-000121-1 | 2-20B |
| J3 | 800000121-1 | 1-10 |
| J3 | 800000121-1 | 2-20 |
| J3 | 800000121-1 | 3-10 |
| J3 | 90-42301-1 | 2-20A |
| L1 | BCREF6203 | 1-30 |
| L1 | BCREF6203 | 30D |
| L1 | BCREF6203 | 2-40 |
| L1 | BCREF6203 | 40B |
| L1 | BCREF6203 | 3-30 |
| L1 | BCREF6203 | 30B |
| L1 | BCREF8588 | 1-30A |
| L1 | BCREF8588 | 30E |
| L1 | BCREF8588 | 2-40A |
| L1 | BCREF8588 | 40C |
| L1 | BCREF8588 | 40D |
| L1 | BCREF8588 | 3-30A |
| L1 | BCREF8588 | 30C |
| L2 | BCREF6203 | 1-30 |
| L2 | BCREF6203 | 30D |
| L2 | BCREF6203 | 2-40 |
| L2 | BCREF6203 | 40B |
| L2 | BCREF6203 | 3-30 |
| L2 | BCREF6203 | 30B |
| L2 | BCREF8588 | 1-30A |
| L2 | BCREF8588 | 30E |
| L2 | BCREF8588 | 2-40A |
| L2 | BCREF8588 | 40C |
| L2 | BCREF8588 | 40D |
| L2 | BCREF8588 | 3-30A |
| L2 | BCREF8588 | 30C |
| L3 | BCREF6204 | 1-35 |
| L3 | BCREF6204 | 35D |
| L3 | BCREF6204 | 2-45 |
| L3 | BCREF6204 | 45B |
| L3 | BCREF6204 | 3-35 |
| L3 | BCREF6204 | 35B |

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|--|-------------|----------|
| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
| L3 | BCREF8553 | 2-45D |
| L3 | BCREF8589 | 1-35A |
| L3 | BCREF8589 | 35E |
| L3 | BCREF8589 | 2-45A |
| L3 | BCREF8589 | 45C |
| L3 | BCREF8589 | 45E |
| L3 | BCREF8589 | 3-35A |
| L3 | BCREF8589 | 35C |
| L4 | BCREF6204 | 1-35 |
| L4 | BCREF6204 | 35D |
| L4 | BCREF6204 | 2-45 |
| L4 | BCREF6204 | 45B |
| L4 | BCREF6204 | 3-35 |
| L4 | BCREF6204 | 35B |
| L4 | BCREF8553 | 2-45D |
| L4 | BCREF8589 | 1-35A |
| L4 | BCREF8589 | 35E |
| L4 | BCREF8589 | 2-45A |
| L4 | BCREF8589 | 45C |
| L4 | BCREF8589 | 45E |
| L4 | BCREF8589 | 3-35A |
| L4 | BCREF8589 | 35C |
| L5 | BCREF10635 | 1-45G |
| L5 | BCREF10635 | 2-55C |
| L5 | BCREF10635 | 3-45E |
| L5 | BCREF6113 | 1-45E |
| L5 | BCREF6113 | 45H |
| L5 | BCREF6113 | 2-55A |
| L5 | BCREF6113 | 55D |
| L5 | BCREF6113 | 3-45C |
| L5 | BCREF6113 | 45F |
| L5 | BCREF6197 | 1-45 |
| L5 | BCREF6197 | 3-45 |
| L5 | BCREF8534 | 2-45A |
| L5 | BCREF8534 | 3-45A |
| L5 | BCREF8540 | 2-45D |
| L5 | BCREF8540 | 45F |
| L5 | BCREF8540 | 2-55 |
| L5 | BCREF8540 | 55B |
| L5 | BCREF8540 | 3-45B |
| L5 | BCREF8540 | 45D |
| L6 | BCREF10635 | 1-45G |
| L6 | BCREF10635 | 2-55C |
| L6 | BCREF10635 | 3-45E |

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| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
|----------------------|-------------|----------|
| L6 | BCREF6113 | 1-45E |
| L6 | BCREF6113 | 45H |
| L6 | BCREF6113 | 2-55A |
| L6 | BCREF6113 | 55D |
| L6 | BCREF6113 | 3-45C |
| L6 | BCREF6113 | 45F |
| L6 | BCREF6197 | 1-45 |
| L6 | BCREF6197 | 3-45 |
| L6 | BCREF8534 | 2-45A |
| L6 | BCREF8534 | 3-45A |
| L6 | BCREF8540 | 2-45D |
| L6 | BCREF8540 | 45F |
| L6 | BCREF8540 | 2-55 |
| L6 | BCREF8540 | 55B |
| L6 | BCREF8540 | 3-45B |
| L6 | BCREF8540 | 45D |
| L7 | BCREF6330 | 1-40 |
| L7 | BCREF6330 | 40D |
| L7 | BCREF6330 | 2-50 |
| L7 | BCREF6330 | 50B |
| L7 | BCREF6330 | 3-40 |
| L7 | BCREF6330 | 40B |
| L7 | BCREF8591 | 1-40A |
| L7 | BCREF8591 | 40E |
| L7 | BCREF8591 | 2-50A |
| L7 | BCREF8591 | 50C |
| L7 | BCREF8591 | 50D |
| L7 | BCREF8591 | 3-40A |
| L7 | BCREF8591 | 40C |
| N122 | 123-31 | 1-5 |
| N122 | SEDLOC9A | 3-135 |
| N122 | SEDLOC9B | 3-135A |
| N122 | 123-31 | 2-15 |
| S1 | BCREFA0533 | 1-15G |
| S1 | BCREFA0533 | 15H |
| S1 | BCREFA0533 | 2-25A |
| S1 | BCREFA0533 | 25B |
| S1 | BCREFA0533 | 3-15G |
| S1 | BCREFA0533 | 15H |

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|--|-----------------|----------|
| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
| S1 | BCREF7686 | 1-15C |
| S1 | BCREF7686 | 3-15C |
| S1 | BCREF7686 | 15E |
| S1 | S231T290-5074 | 1-15F |
| S1 | S231T290-5074 | 2-25 |
| S1 | S231T290-5074 | 3-15F |
| S1 | 4336731004-4274 | 2-25D |
| S1 | 4336731004-4274 | 25E |
| S1 | 851-30768-2074 | 1-15 |
| S1 | 851-30768-2074 | 3-15 |
| S1 | 851-30768-2074 | 15A |
| S1 | 851-30768-3074 | 1-15B |
| S1 | 851-30768-3074 | 3-15B |
| S1 | 851-30768-3074 | 15D |
| S1 | 851-35100-5074 | 1-15J |
| S1 | 851-35100-5074 | 2-25C |
| S1 | 851-35100-5074 | 3-15F |
| S2 | BCREFA0834 | 1-20G |
| S2 | BCREFA0834 | 20H |
| S2 | BCREFA0834 | 2-30A |
| S2 | BCREFA0834 | 30B |
| S2 | BCREFA0834 | 3-20G |
| S2 | BCREFA0834 | 20H |
| S2 | BCREF7685 | 1-20C |
| S2 | BCREF7685 | 3-20C |
| S2 | BCREF7685 | 20E |
| S2 | S231T290-5019 | 20F |
| S2 | S231T290-5019 | 2-30 |
| S2 | S231T290-5019 | 3-20F |
| S2 | 433-100-004 | 1-25F |
| S2 | 433-100-004 | 2-35 |
| S2 | 4336731004-4219 | 30D |
| S2 | 851-30768-2019 | 1-20 |
| S2 | 851-30768-2019 | 3-20 |
| S2 | 851-30768-2019 | 20A |

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| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
|----------------------|-----------------|----------|
| S2 | 851-30768-3019 | 1-20B |
| S2 | 851-30768-3019 | 3-20B |
| S2 | 851-30768-3019 | 20D |
| S2 | 851-35100-5019 | 1-20J |
| S2 | 851-35100-5019 | 2-30C |
| S2 | 851-35100-5019 | 3-20F |
| S3 | BCREFA0533 | 1-15G |
| S3 | BCREFA0533 | 15H |
| S3 | BCREFA0533 | 2-25A |
| S3 | BCREFA0533 | 25B |
| S3 | BCREFA0533 | 3-15G |
| S3 | BCREFA0533 | 15H |
| S3 | BCREF7686 | 1-15C |
| S3 | BCREF7686 | 3-15C |
| S3 | BCREF7686 | 15E |
| S3 | S231T290-5074 | 1-15F |
| S3 | S231T290-5074 | 2-25 |
| S3 | S231T290-5074 | 3-15F |
| S3 | 4336731004-4274 | 2-25D |
| S3 | 4336731004-4274 | 25E |
| S3 | 851-30768-2074 | 1-15 |
| S3 | 851-30768-2074 | 3-15 |
| S3 | 851-30768-2074 | 15A |
| S3 | 851-30768-3074 | 1-15B |
| S3 | 851-30768-3074 | 3-15B |
| S3 | 851-30768-3074 | 15D |
| S3 | 851-35100-5074 | 1-15J |
| S3 | 851-35100-5074 | 2-25C |
| S3 | 851-35100-5074 | 3-15J |
| S4 | BCREFA0513 | 1-50G |
| S4 | BCREFA0513 | 50H |
| S4 | BCREFA0513 | 50N |
| S4 | BCREFA0513 | 50Q |
| S4 | BCREFA0513 | 2-60A |
| S4 | BCREFA0513 | 60B |
| S4 | BCREFA0513 | 60F |
| S4 | BCREFA0513 | 60H |
| S4 | BCREFA0513 | 3-50G |
| S4 | BCREFA0513 | 50H |
| S4 | BCREFA0513 | 50N |
| S4 | BCREFA0513 | 50Q |

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|--|-----------------|----------|
| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
| S4 | BCREF7614 | 1-50C |
| S4 | BCREF7614 | 50L |
| S4 | BCREF7614 | 3-50C |
| S4 | BCREF7614 | 50E |
| S4 | BCREF7614 | 50L |
| S4 | S231T290-5030 | 1-50F |
| S4 | S231T290-5030 | 50M |
| S4 | S231T290-5030 | 2-60 |
| S4 | S231T290-5030 | 60E |
| S4 | S231T290-5030 | 3-50F |
| S4 | S231T290-5030 | 50M |
| S4 | 4336731004-4230 | 2-60D |
| S4 | 851-30768-2030 | 1-50 |
| S4 | 851-30768-2030 | 3-50 |
| S4 | 851-30768-2030 | 50A |
| S4 | 851-30768-3030 | 1-50B |
| S4 | 851-30768-3030 | 50K |
| S4 | 851-30768-3030 | 3-50B |
| S4 | 851-30768-3030 | 50D |
| S4 | 851-30768-3030 | 50K |
| S4 | 851-35100-5030 | 1-50J |
| S4 | 851-35100-5030 | 50P |
| S4 | 851-35100-5030 | 2-60C |
| S4 | 851-35100-5030 | 60G |
| S4 | 851-35100-5030 | 3-50J |
| S4 | 851-35100-5030 | 50P |
| S5 | BCREFA0834 | 1-20G |
| S5 | BCREFA0834 | 20H |
| S5 | BCREFA0834 | 2-30A |
| S5 | BCREFA0834 | 30B |
| S5 | BCREFA0834 | 3-20G |
| S5 | BCREFA0834 | 20H |
| S5 | BCREF7685 | 1-20C |
| S5 | BCREF7685 | 3-20C |
| S5 | BCREF7685 | 20E |
| S5 | S231T290-5019 | 1-20F |
| S5 | S231T290-5019 | 2-30 |

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| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
|----------------------|-----------------|----------|
| S5 | S231T290-5019 | 3-20F |
| S5 | 4336731004-4219 | 2-30D |
| S5 | 851-30768-2019 | 1-20 |
| S5 | 851-30768-2019 | 3-20 |
| S5 | 851-30768-2019 | 20A |
| S5 | 851-30768-3019 | 1-20B |
| S5 | 851-30768-3019 | 3-20B |
| S5 | 851-30768-3019 | 20D |
| S5 | 851-35100-5019 | 1-20J |
| S5 | 851-35100-5019 | 2-30C |
| S5 | 851-35100-5019 | 3-20J |
| S6 | BCREFA0504 | 1-55G |
| S6 | BCREFA0504 | 55J |
| S6 | BCREFA0504 | 55Q |
| S6 | BCREFA0504 | 55T |
| S6 | BCREFA0504 | 2-65 |
| S6 | BCREFA0504 | 65B |
| S6 | BCREFA0504 | 65E |
| S6 | BCREFA0504 | 65H |
| S6 | BCREFA0504 | 3-55G |
| S6 | BCREFA0504 | 55J |
| S6 | BCREFA0504 | 55Q |
| S6 | BCREFA0504 | 55T |
| S6 | BCREF7605 | 1-55C |
| S6 | BCREF7605 | 55D |
| S6 | BCREF7605 | 55M |
| S6 | BCREF7605 | 55P |
| S6 | BCREF7605 | 3-55B |
| S6 | BCREF7605 | 55C |
| S6 | BCREF7605 | 55F |
| S6 | BCREF7605 | 55M |
| S6 | BCREF7605 | 55P |
| S6 | S231T290-5013 | 1-55H |
| S6 | S231T290-5013 | 55R |

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| REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM) | | |
|--|-----------------|----------|
| REFERENCE DESIGNATOR | PART NUMBER | FIG-ITEM |
| S6 | S231T290-5013 | 2-65A |
| S6 | S231T290-5013 | 65F |
| S6 | S231T290-5013 | 3-55H |
| S6 | S231T290-5013 | 55R |
| S6 | 4336731004-4213 | 2-65D |
| S6 | 851-30768-2013 | 1-55 |
| S6 | 851-30768-2013 | 55E |
| S6 | 851-30768-2013 | 55L |
| S6 | 851-30768-2013 | 3-55 |
| S6 | 851-30768-2013 | 55D |
| S6 | 851-30768-2013 | 55L |
| S6 | 851-30768-3013 | 1-55B |
| S6 | 851-30768-3013 | 55N |
| S6 | 851-30768-3013 | 3-55A |
| S6 | 851-30768-3013 | 55E |
| S6 | 851-30768-3013 | 55N |
| S6 | 851-35100-5013 | 1-55K |
| S6 | 851-35100-5013 | 55S |
| S6 | 851-35100-5013 | 2-65C |
| S6 | 851-35100-5013 | 65G |
| S6 | 851-35100-5013 | 3-55K |
| S6 | 851-35100-5013 | 55S |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|--|---------------------|------|------|------------|
| BACC45FN22-55P8 | | 1 | 110 | 1 |
| | | 2 | 120 | 1 |
| | | 3 | 110 | 1 |
| BACC45FN22-55P9 | | 1 | 115 | 1 |
| | | 2 | 125 | 1 |
| | | 3 | 115 | 1 |
| BACN10JC3CD BACN10NW1 | | 2 | 160A | 1 |
| | | 1 | 105 | 4 |
| BACN10PA06-6 | | 2 | 115 | 4 |
| | | 3 | 105 | 4 |
| | | 1 | 70 | 4 |
| BACP10U0637N | | 2 | 80 | 4 |
| | | 3 | 70 | 4 |
| | | 1 | 80 | 1 |
| BACP10U0637NC | | 2 | 90 | 1 |
| | | 3 | 80 | 1 |
| | | 1 | 90A | 1 |
| BACS12CB04-5 BACS12CB06-5 BACS12CK04U5 | | 1 | 100 | |
| | | 1 | 85 | |
| | | 2 | 110B | 4 |
| BACS12CK06U5 | | 2 | 110F | 4 |
| | | 2 | 95B | 3 |
| | | 2 | 95F | 3 |
| BACS12HN04-5 | | 2 | 110C | 4 |
| | | 2 | 110E | 4 |
| | | 2 | 95C | 3 |
| BACS12HN06-5 | | 2 | 95E | 3 |
| | | 1 | 75 | 6 |
| | | 2 | 85 | 6 |
| BACS21DD1B | | 3 | 75 | 6 |
| | | 2 | 85A | 6 |
| | | 2 | 100B | 3 |
| BACW10EC06C BACW10EC06CD BACW10EC06S | | 2 | 100C | 3 |
| | | 2 | 100D | 3 |
| | | 2 | 100D | 3 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | |
|-------------|---------------------|------|------|------------|---|
| BCREFA0504 | | 1 | 52 | | |
| | | 1 | 55G | 1 | |
| | | 1 | 55J | 1 | |
| | | 1 | 55Q | 1 | |
| | | 1 | 55T | 1 | |
| | | 2 | 62 | | |
| | | 2 | 65 | 1 | |
| | | 2 | 65B | 1 | |
| | | 2 | 65E | 1 | |
| | | 2 | 65H | 1 | |
| | | 3 | 55G | 1 | |
| | | 3 | 55J | 1 | |
| | | 3 | 55Q | 1 | |
| | | 3 | 55T | 1 | |
| | BCREFA0513 | | 1 | 49 | |
| | | | 1 | 50G | 1 |
| | | | 1 | 50H | 1 |
| | | 1 | 50N | 1 | |
| | | 1 | 50Q | 1 | |
| | | 2 | 59 | | |
| | | 2 | 60A | 1 | |
| | | 2 | 60B | 1 | |
| | | 2 | 60F | 1 | |
| | | 2 | 60H | 1 | |
| | | 3 | 50G | 1 | |
| | | 3 | 50H | 1 | |
| | | 3 | 50N | 1 | |
| | | 3 | 50Q | 1 | |
| BCREFA0533 | | 1 | 14 | | |
| | | 1 | 15G | 2 | |
| | | 1 | 15H | 2 | |
| | | 2 | 24 | | |
| | | 2 | 25A | 2 | |
| | | 2 | 25B | 2 | |
| | | 2 | 25F | | |
| | | 3 | 15G | 2 | |
| | | 3 | 15H | 2 | |
| BCREFA0834 | | 1 | 19 | | |
| | | 1 | 20G | 2 | |
| | | 1 | 20H | 2 | |
| | | 2 | 29 | | |
| | | 2 | 30A | 2 | |
| | | 2 | 30B | 2 | |
| | | 2 | 30F | | |
| | | 2 | 30H | | |
| | | 3 | 20G | 2 | |
| | | 3 | 20H | 2 | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|-------------|---------------------|------|------|------------|
| BCREF10635 | | 1 | 45G | 2 |
| | | 2 | 55C | 2 |
| | | 3 | 45E | 2 |
| BCREF6113 | | 1 | 45E | 2 |
| | | 1 | 45H | 2 |
| | | 2 | 55A | 2 |
| | | 2 | 55D | 2 |
| | | 3 | 45C | 2 |
| | | 3 | 45F | 2 |
| BCREF6197 | | 1 | 45 | 2 |
| | | 1 | 45C | |
| BCREF6203 | | 3 | 45 | 2 |
| | | 1 | 30 | 2 |
| | | 1 | 30C | |
| BCREF6204 | | 1 | 30D | 2 |
| | | 2 | 40 | 2 |
| | | 2 | 40B | 2 |
| | | 3 | 30 | 2 |
| | | 3 | 30B | 2 |
| | | 1 | 35 | 2 |
| | | 1 | 35C | |
| | | 1 | 35D | 2 |
| BCREF6330 | | 2 | 45 | 2 |
| | | 2 | 45B | 2 |
| | | 3 | 35 | 2 |
| | | 3 | 35B | 2 |
| | | 1 | 40 | 1 |
| | | 1 | 40C | |
| | | 1 | 40D | 1 |
| BCREF7605 | | 2 | 50 | 1 |
| | | 2 | 50B | 1 |
| | | 3 | 40 | 1 |
| | | 3 | 40B | 1 |
| | | 1 | 55C | 1 |
| | | 1 | 55D | 1 |
| | | 1 | 55M | 1 |
| | | 1 | 55P | 1 |
| | | 3 | 55B | 1 |
| | | 3 | 55C | 1 |
| BCREF7614 | | 3 | 55F | 1 |
| | | 3 | 55M | 1 |
| | | 3 | 55P | 1 |
| | | 1 | 50C | 1 |
| | | 1 | 50L | 1 |
| | | 3 | 50C | 1 |
| | | 3 | 50E | 1 |
| | | 3 | 50L | 1 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|---------------------------|---------------------|--------------|------|------------|
| BCREF7685 | | 1 | 20C | 2 |
| | | 3 | 20C | 2 |
| | | 3 | 20E | 2 |
| BCREF7686 | | 1 | 15C | 2 |
| | | 3 | 15C | 2 |
| | | 3 | 15E | 2 |
| BCREF8534 | | 1 | 45A | 2 |
| | | 1 | 45B | |
| BCREF8540 | | 3 | 45A | 2 |
| | | 1 | 45D | 2 |
| | | 1 | 45F | 2 |
| BCREF8553 BCREF8588 | | 2 | 55 | 2 |
| | | 2 | 55B | 2 |
| | | 3 | 45B | 2 |
| | | 3 | 45D | 2 |
| | | 2 | 45D | 2 |
| | | 1 | 30A | 2 |
| | | 1 | 30B | |
| | | 1 | 30E | 2 |
| | | 2 | 40A | 2 |
| | | 2 | 40C | 2 |
| BCREF8589 | | 2 | 40D | 2 |
| | | 3 | 30A | 2 |
| | | 3 | 30C | 2 |
| | | 1 | 35A | 2 |
| | | 1 | 35B | |
| | | 1 | 35E | 2 |
| | | 2 | 45A | 2 |
| | | 2 | 45C | 2 |
| | | 2 | 45E | 2 |
| | | 3 | 35A | 2 |
| BCREF8591 | | 3 | 35C | 2 |
| | | 1 | 40A | 1 |
| | | 1 | 40B | |
| | | 1 | 40E | 1 |
| | | 2 | 50A | 1 |
| | | 2 | 50C | 1 |
| | | 2 | 50D | 1 |
| | | 3 | 40A | 1 |
| | | 3 | 40C | 1 |
| | | DBMB1400-6A1 | | 1 |
| 2 | 85 | | | 6 |
| 3 | 75 | | | 6 |
| FH6C5CPL12BN K19798-04 | | 3 | 75 | 6 |
| | | 2 | 75A | 3 |
| | | 1 | 105 | 4 |
| | | 2 | 115 | 4 |
| | | 3 | 105 | 4 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|----------------|---------------------|------|------|------------|
| MS21042L3 | | 2 | 160 | 1 |
| MS35338-41 | | 1 | 90 | 3 |
| | | 2 | 100 | 3 |
| | | 3 | 90 | 3 |
| MS35650-305T | | 2 | 155 | 1 |
| MS36338-136 | | 2 | 100A | 3 |
| MS51957-14 | | 2 | 110A | 4 |
| MS51957-27 | | 2 | 95A | 3 |
| M39029-1-16-20 | | 1 | 130 | |
| | | 1 | 130A | AR |
| | | 2 | 140 | AR |
| | | 2 | 142 | |
| | | 3 | 130 | AR |
| M390291-101 | | 2 | 142A | 88 |
| NAS1149D0463H | | 2 | 150 | 1 |
| NAS1801-04-5 | | 1 | 100A | 4 |
| | | 2 | 110 | 4 |
| | | 2 | 110D | 4 |
| | | 3 | 100 | 4 |
| NAS1801-06-5 | | 1 | 85A | 3 |
| | | 2 | 95 | 3 |
| | | 2 | 95D | 3 |
| | | 3 | 85 | 3 |
| NAS514P1032-10 | | 2 | 145 | 1 |
| NAS514P632-5 | | 1 | 65 | 3 |
| | | 2 | 75 | 3 |
| | | 3 | 65 | 3 |
| PFSC35-38ASEMB | | 2 | 85A | 6 |
| RMA4812-160-40 | | 1 | 105 | 4 |
| | | 2 | 115 | 4 |
| | | 3 | 105 | 4 |
| SEDLOC9A | | 3 | 135 | 1 |
| SEDLOC9B | | 3 | 135A | 1 |
| SF6G6CBB5D | | 1 | 70 | 4 |
| | | 2 | 80 | 4 |
| | | 2 | 80A | 4 |
| | | 3 | 70 | 4 |
| S231T245-2 | | 3 | 135 | 1 |
| S231T245-3 | | 3 | 135A | 1 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | |
|---------------|---------------------|------|------|------------|---|
| S231T290-1013 | | 1 | 55C | 1 | |
| | | 1 | 55D | 1 | |
| | | 1 | 55M | 1 | |
| | | 1 | 55P | 1 | |
| | | 3 | 55B | 1 | |
| | | 3 | 55C | 1 | |
| | | 3 | 55F | 1 | |
| | | 3 | 55M | 1 | |
| | | 3 | 55P | 1 | |
| | S231T290-1019 | | 1 | 20C | 2 |
| | | | 3 | 20C | 2 |
| | | | 3 | 20E | 2 |
| | S231T290-1030 | | 1 | 50C | 1 |
| | | 1 | 50L | 1 | |
| | | 3 | 50C | 1 | |
| | | 3 | 50E | 1 | |
| | | 3 | 50L | 1 | |
| S231T290-1074 | | 1 | 15C | 2 | |
| | | 3 | 15C | 2 | |
| | | 3 | 15E | 2 | |
| S231T290-2013 | | 1 | 55 | 1 | |
| | | 1 | 55E | 1 | |
| | | 1 | 55L | 1 | |
| | | 3 | 55 | 1 | |
| | | 3 | 55D | 1 | |
| | | 3 | 55L | 1 | |
| | | 3 | 55L | 1 | |
| S231T290-2019 | | 1 | 20 | 2 | |
| | | 3 | 20 | 2 | |
| | | 3 | 20A | 2 | |
| S231T290-2030 | | 1 | 50 | 1 | |
| | | 3 | 50 | 1 | |
| | | 3 | 50A | 1 | |
| S231T290-2074 | | 1 | 15 | 2 | |
| | | 3 | 15 | 2 | |
| | | 3 | 15A | 2 | |
| S231T290-3013 | | 1 | 55B | 1 | |
| | | 1 | 55N | 1 | |
| | | 3 | 55A | 1 | |
| | | 3 | 55E | 1 | |
| | | 3 | 55N | 1 | |
| S231T290-3019 | | 1 | 20B | 2 | |
| | | 3 | 20B | 2 | |
| | | 3 | 20D | 2 | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | | |
|---------------|---------------------|---------------|------|------------|-----|--|
| S231T290-3030 | | 1 | 50B | 1 | | |
| | | 1 | 50K | 1 | | |
| | | 3 | 50B | 1 | | |
| | | 3 | 50D | 1 | | |
| | | 3 | 50K | 1 | | |
| S231T290-3074 | | 1 | 15B | 2 | | |
| | | 3 | 15B | 2 | | |
| | | 3 | 15D | 2 | | |
| S231T290-4013 | | 1 | 55F | | | |
| | | 1 | 55G | 1 | | |
| | | 1 | 55J | 1 | | |
| | | 1 | 55Q | 1 | | |
| | | 1 | 55T | 1 | | |
| | | 2 | 65 | 1 | | |
| | | 2 | 65B | 1 | | |
| | | 2 | 65E | 1 | | |
| | | 2 | 65H | 1 | | |
| | | 3 | 55G | 1 | | |
| | | 3 | 55J | 1 | | |
| | | 3 | 55Q | 1 | | |
| | | 3 | 55T | 1 | | |
| S231T290-4019 | | 1 | 20D | | | |
| | | 1 | 20E | | | |
| | | 1 | 20G | 2 | | |
| | | 1 | 20H | 2 | | |
| | | 2 | 30A | 2 | | |
| | | 2 | 30B | 2 | | |
| | | 3 | 20G | 2 | | |
| | | 3 | 20H | 2 | | |
| | | S231T290-4030 | | 1 | 50D | |
| | | | | 1 | 50E | |
| 1 | 50G | | | 1 | | |
| 1 | 50H | | | 1 | | |
| 1 | 50N | | | 1 | | |
| 1 | 50Q | | | 1 | | |
| 2 | 60A | | | 1 | | |
| 2 | 60B | | | 1 | | |
| 2 | 60F | | | 1 | | |
| 2 | 60H | | | 1 | | |
| 3 | 50G | | | 1 | | |
| 3 | 50H | | | 1 | | |
| 3 | 50N | | | 1 | | |
| 3 | 50Q | 1 | | | | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | |
|---------------|---------------------|------|------|------------|---|
| S231T290-4074 | | 1 | 15D | | |
| | | 1 | 15E | | |
| | | 1 | 15G | 2 | |
| | | 1 | 15H | 2 | |
| | | 2 | 25A | 2 | |
| | | 2 | 25B | 2 | |
| | | 3 | 15G | 2 | |
| | | 3 | 15H | 2 | |
| | S231T290-5013 | | 1 | 54 | |
| | | | 1 | 55H | 1 |
| | | 1 | 55R | 1 | |
| | | 2 | 64 | | |
| | | 2 | 65A | 1 | |
| | | 2 | 65F | 1 | |
| | | 3 | 55H | 1 | |
| | | 3 | 55R | 1 | |
| S231T290-5019 | | | 1 | 17 | |
| | | | 1 | 20F | 2 |
| | | 2 | 27 | | |
| | | 2 | 30 | 2 | |
| | | 2 | 30E | | |
| | | 3 | 20F | 2 | |
| | S231T290-5030 | | 1 | 47 | |
| | | 1 | 50F | 1 | |
| | | 1 | 50M | 1 | |
| | | 2 | 57 | | |
| | | 2 | 60 | 1 | |
| | | 2 | 60E | 1 | |
| | | 3 | 50F | 1 | |
| | | 3 | 50M | 1 | |
| S231T290-5074 | | | 1 | 12 | |
| | | | 1 | 15F | 2 |
| | | 2 | 22 | | |
| | | 2 | 25 | 2 | |
| | | 3 | 15F | 2 | |
| | S231T290-803 | | 1 | 25A | 1 |
| | | 3 | 25A | 1 | |
| | | 3 | 25F | 1 | |
| S231T290-813 | | | 1 | 25 | 1 |
| | | 3 | 25 | 1 | |
| | | 3 | 25E | 1 | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|---------------|---------------------|------|------|------------|
| S231T290-823 | | 1 | 25C | 1 |
| | | 1 | 25D | 1 |
| | | 1 | 25E | |
| | | 1 | 25F | 1 |
| | | 2 | 35 | 1 |
| | | 3 | 25B | 1 |
| | | 3 | 25C | 1 |
| | | 3 | 25D | 1 |
| | | 3 | 25G | 1 |
| | | 3 | 25H | 1 |
| S231T300-1051 | | 1 | 45 | 2 |
| | | 3 | 45 | 2 |
| S231T300-1086 | | 1 | 45E | 2 |
| | | 1 | 45H | 2 |
| | | 2 | 55A | 2 |
| | | 2 | 55D | 2 |
| | | 3 | 45C | 2 |
| S231T300-1272 | | 3 | 45F | 2 |
| | | 1 | 30 | 2 |
| | | 1 | 30D | 2 |
| | | 2 | 40 | 2 |
| | | 2 | 40B | 2 |
| S231T300-1273 | | 3 | 30 | 2 |
| | | 3 | 30B | 2 |
| | | 1 | 35 | 2 |
| | | 1 | 35D | 2 |
| | | 2 | 45 | 2 |
| S231T300-1286 | | 2 | 45B | 2 |
| | | 3 | 35 | 2 |
| | | 3 | 35B | 2 |
| | | 1 | 40 | 1 |
| | | 1 | 40D | 1 |
| S231T300-2051 | | 2 | 50 | 1 |
| | | 2 | 50B | 1 |
| | | 3 | 40 | 1 |
| | | 3 | 40B | 1 |
| | | 1 | 45A | 2 |
| S231T300-2086 | | 3 | 45A | 2 |
| | | 1 | 45D | 2 |
| | | 1 | 45F | 2 |
| | | 2 | 55 | 2 |
| | | 2 | 55B | 2 |
| S231T300-2128 | | 3 | 45B | 2 |
| | | 3 | 45D | 2 |
| | | 3 | 45D | 2 |
| | | 2 | 45D | 2 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | |
|---------------|---------------------|------|------|------------|---|
| S231T300-2272 | | 1 | 30A | 2 | |
| | | 1 | 30E | 2 | |
| | | 2 | 40A | 2 | |
| | | 2 | 40C | 2 | |
| | | 2 | 40D | 2 | |
| | | 3 | 30A | 2 | |
| | | 3 | 30C | 2 | |
| | S231T300-2273 | | 1 | 35A | 2 |
| | | | 1 | 35E | 2 |
| | | | 2 | 45A | 2 |
| | | 2 | 45C | 2 | |
| | | 2 | 45E | 2 | |
| | | 3 | 35A | 2 | |
| | | 3 | 35C | 2 | |
| S231T300-2286 | | | 1 | 40A | 1 |
| | | 1 | 40E | 1 | |
| | | 2 | 50A | 1 | |
| | | 2 | 50C | 1 | |
| | | 2 | 50D | 1 | |
| | | 3 | 40A | 1 | |
| | | 3 | 40C | 1 | |
| | S231T300-2338 | | 1 | 45G | 2 |
| | | 2 | 55C | 2 | |
| | | 3 | 45E | 2 | |
| S233T100-1051 | | | 2 | 5 | |
| | | 2 | 5A | 1 | |
| | | 2 | 5A | 1 | |
| | | 3 | 140 | 1 | |
| | | 3 | 140 | 1 | |
| | S233T100-1134 | | 2 | 5B | |
| | | 2 | 5C | 1 | |
| | | 2 | 5C | 1 | |
| S233T100-1136 | | | 2 | 5D | 1 |
| | | 2 | 5D | 1 | |
| | 123-31 | | 1 | 5 | 1 |
| | | 2 | 15 | 1 | |
| | | 3 | 7 | 1 | |
| 233T3100-128 | | 1 | 3G | RF | |
| | | 3 | 1 | RF | |
| 233T3100-129 | | 1 | 3H | RF | |
| | | 3 | 1A | RF | |
| 233T3100-173 | | 1 | 3J | RF | |
| | | 3 | 1B | RF | |
| 233T3100-223 | | 1 | 3K | RF | |
| | | 3 | 1C | RF | |
| 233T3100-224 | | 1 | 3L | RF | |
| | | 3 | 1D | RF | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|---------------|---------------------|------|------|------------|
| 233T3100-228 | | 1 | 3M | RF |
| | | 3 | 1E | RF |
| 233T3100-244 | | 1 | 3N | RF |
| | | 3 | 1F | RF |
| 233T3100-245 | | 1 | 3P | RF |
| | | 3 | 1G | RF |
| 233T3100-266 | | 1 | 3Q | RF |
| | | 3 | 1H | RF |
| 233T3100-274 | | 1 | 3R | RF |
| | | 3 | 1J | RF |
| 233T3100-276 | | 1 | 3S | RF |
| | | 3 | 1K | RF |
| 233T3100-291 | | 1 | 3T | RF |
| | | 3 | 1L | RF |
| 233T3100-318 | | 1 | 3U | RF |
| | | 3 | 1M | RF |
| 233T3100-319 | | 1 | 3V | RF |
| | | 3 | 1N | RF |
| 233T3100-333 | | 1 | 3W | RF |
| | | 3 | 1P | RF |
| 233T3100-335 | | 1 | 3X | RF |
| | | 3 | 1Q | RF |
| 233T3100-336 | | 1 | 3Y | RF |
| | | 3 | 1R | RF |
| 233T3100-343 | | 1 | 3Z | RF |
| | | 3 | 1S | RF |
| 233T3100-443 | | 1 | 4 | RF |
| | | 3 | 1T | RF |
| 233T3237-1 | | 1 | 1 | |
| 233T3237-10 | | 1 | 1C | RF |
| | | 3 | 5B | 1 |
| | | 3 | 5C | 1 |
| 233T3237-1005 | | 1 | 2J | RF |
| | | 3 | 5U | 1 |
| 233T3237-1007 | | 1 | 2K | RF |
| | | 3 | 5V | 1 |
| 233T3237-1010 | | 1 | 2L | RF |
| | | 3 | 5W | 1 |
| 233T3237-1013 | | 1 | 2M | RF |
| | | 3 | 5X | 1 |
| 233T3237-1014 | | 1 | 2N | RF |
| | | 3 | 5Y | 1 |
| 233T3237-1015 | | 1 | 2P | RF |
| | | 3 | 5Z | 1 |
| 233T3237-1016 | | 1 | 2Q | RF |
| | | 3 | 6 | 1 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|---------------|---------------------|------|------|------------|
| 233T3237-1017 | | 1 | 2R | RF |
| | | 3 | 6A | 1 |
| 233T3237-1018 | | 1 | 2S | RF |
| | | 3 | 6B | 1 |
| 233T3237-1019 | | 1 | 2T | RF |
| | | 3 | 6C | 1 |
| 233T3237-1021 | | 1 | 2U | RF |
| | | 3 | 6D | 1 |
| 233T3237-1024 | | 1 | 2V | RF |
| | | 3 | 6E | 1 |
| 233T3237-1025 | | 1 | 2W | RF |
| | | 2 | 10J | 1 |
| 233T3237-1027 | | 1 | 2X | RF |
| | | 2 | 10L | 1 |
| 233T3237-1030 | | 1 | 2Y | RF |
| | | 2 | 10H | 1 |
| 233T3237-1032 | | 1 | 2Z | RF |
| | | 2 | 10K | 1 |
| 233T3237-1041 | | 2 | 10M | 1 |
| 233T3237-11 | | 1 | 125C | 1 |
| | | 1 | 125E | 1 |
| | | 2 | 135A | 1 |
| | | 2 | 135B | 1 |
| | | 3 | 125B | 1 |
| | | 3 | 125D | 1 |
| | | 3 | 125F | 1 |
| 233T3237-12 | | 1 | 1E | |
| 233T3237-13 | | 1 | 1F | RF |
| | | 3 | 5D | 1 |
| 233T3237-1300 | | 1 | 3 | RF |
| | | 2 | 1K | RF |
| 233T3237-1301 | | 1 | 3A | RF |
| | | 2 | 1L | RF |
| 233T3237-1302 | | 1 | 3B | RF |
| | | 2 | 1M | RF |
| 233T3237-1304 | | 1 | 3C | RF |
| | | 2 | 1N | RF |
| 233T3237-1307 | | 1 | 3D | RF |
| | | 2 | 1P | RF |
| 233T3237-1308 | | 1 | 4A | RF |
| | | 3 | 1U | RF |
| 233T3237-1309 | | 1 | 4B | RF |
| | | 3 | 1V | RF |
| 233T3237-1310 | | 1 | 4C | RF |
| | | 3 | 1W | RF |
| 233T3237-1311 | | 1 | 4D | RF |
| | | 3 | 1X | RF |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|---------------|---------------------|------|------|------------|
| 233T3237-1312 | | 1 | 4E | RF |
| | | 3 | 1Y | RF |
| 233T3237-1313 | | 1 | 4F | RF |
| | | 3 | 1Z | RF |
| 233T3237-1314 | | 1 | 4G | RF |
| | | 3 | 2 | RF |
| 233T3237-1315 | | 1 | 4H | RF |
| | | 3 | 2A | RF |
| 233T3237-1316 | | 1 | 4J | RF |
| | | 3 | 2B | RF |
| 233T3237-1317 | | 1 | 4K | RF |
| | | 3 | 2C | RF |
| 233T3237-1318 | | 1 | 4L | RF |
| | | 3 | 2D | RF |
| 233T3237-1319 | | 1 | 4M | RF |
| | | 3 | 2E | RF |
| 233T3237-1320 | | 1 | 4N | RF |
| | | 3 | 2F | RF |
| 233T3237-1321 | | 1 | 4P | RF |
| | | 3 | 2G | RF |
| 233T3237-1322 | | 1 | 4Q | RF |
| | | 3 | 2H | RF |
| 233T3237-1323 | | 1 | 4R | RF |
| | | 3 | 2J | RF |
| 233T3237-1324 | | 1 | 4S | RF |
| | | 3 | 2K | RF |
| 233T3237-1325 | | 1 | 4T | RF |
| | | 3 | 2L | RF |
| 233T3237-14 | | 1 | 1G | RF |
| | | 3 | 5E | 1 |
| | | 3 | 5F | 1 |
| 233T3237-15 | | 1 | 1H | RF |
| | | 3 | 5G | 1 |
| 233T3237-16 | | 1 | 1J | RF |
| | | 3 | 5H | 1 |
| | | 3 | 5J | 1 |
| 233T3237-17 | | 1 | 1K | RF |
| | | 3 | 5K | 1 |
| 233T3237-18 | | 1 | 1M | RF |
| | | 3 | 5L | 1 |
| 233T3237-19 | | 1 | 1L | RF |
| | | 3 | 5M | 1 |
| 233T3237-2 | | 1 | 60 | 1 |
| | | 2 | 70 | 1 |
| | | 3 | 60 | 1 |
| 233T3237-21 | | 1 | 1N | RF |
| | | 3 | 5N | 1 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|--------------|---------------------|------|------|------------|
| 233T3237-24 | | 1 | 1P | RF |
| | | 3 | 5P | 1 |
| 233T3237-25 | | 1 | 1S | RF |
| | | 2 | 10A | 1 |
| | | 3 | 5Q | 1 |
| 233T3237-27 | | 1 | 1Q | RF |
| | | 2 | 10C | 1 |
| | | 3 | 5R | 1 |
| 233T3237-3 | | 1 | 125 | |
| 233T3237-30 | | 1 | 1R | RF |
| | | 2 | 10 | 1 |
| | | 3 | 5S | 1 |
| 233T3237-300 | | 1 | 2 | RF |
| | | 2 | 1A | RF |
| 233T3237-301 | | 1 | 2A | RF |
| | | 2 | 1B | RF |
| 233T3237-302 | | 1 | 2B | RF |
| | | 2 | 1C | RF |
| 233T3237-304 | | 1 | 2C | RF |
| | | 2 | 1D | RF |
| 233T3237-305 | | 1 | 2D | RF |
| | | 2 | 1E | RF |
| 233T3237-306 | | 1 | 2E | RF |
| | | 2 | 1F | RF |
| 233T3237-307 | | 1 | 2F | RF |
| | | 2 | 1G | RF |
| 233T3237-308 | | 1 | 2G | RF |
| | | 2 | 1H | RF |
| 233T3237-309 | | 1 | 2H | RF |
| | | 2 | 1J | RF |
| 233T3237-310 | | 1 | 3E | RF |
| | | 2 | 1Q | RF |
| 233T3237-311 | | 1 | 3F | RF |
| | | 2 | 1R | RF |
| 233T3237-32 | | 1 | 1T | RF |
| | | 2 | 10B | 1 |
| | | 3 | 5T | 1 |
| 233T3237-33 | | 1 | 53 | |
| | | 2 | 63 | |
| 233T3237-34 | | 1 | 51 | |
| | | 2 | 61 | |
| 233T3237-35 | | 1 | 16 | |
| | | 2 | 26 | |
| 233T3237-36 | | 1 | 18 | |
| | | 2 | 28 | |
| 233T3237-37 | | 1 | 46 | |
| | | 2 | 56 | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|-------------|---------------------|------|------|------------|
| 233T3237-38 | | 1 | 48 | |
| | | 2 | 58 | |
| 233T3237-39 | | 1 | 11 | |
| | | 2 | 21 | |
| 233T3237-40 | | 1 | 13 | |
| | | 2 | 23 | |
| 233T3237-41 | | 2 | 10D | 1 |
| 233T3237-42 | | 2 | 70A | 1 |
| 233T3237-43 | | 2 | 135C | 1 |
| 233T3237-44 | | 2 | 10E | 1 |
| 233T3237-45 | | 2 | 10F | 1 |
| 233T3237-46 | | 2 | 10G | 1 |
| 233T3237-47 | | 2 | 10N | 1 |
| 233T3237-5 | | 1 | 1A | RF |
| | | 3 | 5 | 1 |
| 233T3237-6 | | 1 | 125A | 1 |
| | | 3 | 125 | 1 |
| 233T3237-7 | | 1 | 1B | RF |
| | | 3 | 5A | 1 |
| 233T3237-8 | | 1 | 125B | 1 |
| | | 1 | 125D | 1 |
| | | 2 | 135 | 1 |
| | | 3 | 125A | 1 |
| | | 3 | 125C | 1 |
| | | 3 | 125E | 1 |
| 233T3237-9 | | 1 | 1D | |
| 233T6200-19 | | 1 | 120 | 1 |
| | | 2 | 130 | 1 |
| | | 3 | 120 | 1 |
| 293162 | | 1 | 105 | 4 |
| | | 2 | 115 | 4 |
| | | 3 | 105 | 4 |
| 433-100-004 | | 1 | 25C | 1 |
| | | 1 | 25D | 1 |
| | | 1 | 25F | 1 |
| | | 2 | 35 | 1 |
| | | 3 | 25B | 1 |
| | | 3 | 25C | 1 |
| | | 3 | 25D | 1 |
| | | 3 | 25G | 1 |
| | | 3 | 25H | 1 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | |
|-------------------|---------------------|------|------|------------|---|
| 433-673-1001-1013 | | 1 | 55C | 1 | |
| | | 1 | 55D | 1 | |
| | | 1 | 55M | 1 | |
| | | 1 | 55P | 1 | |
| | | 3 | 55B | 1 | |
| | | 3 | 55C | 1 | |
| | | 3 | 55F | 1 | |
| | | 3 | 55M | 1 | |
| | | 3 | 55P | 1 | |
| | 433-673-1001-1019 | | 1 | 20C | 2 |
| | | | 3 | 20C | 2 |
| | | | 3 | 20E | 2 |
| | 433-673-1001-1030 | | 1 | 50C | 1 |
| | | 1 | 50L | 1 | |
| | | 3 | 50C | 1 | |
| | | 3 | 50E | 1 | |
| | | 3 | 50L | 1 | |
| 433-673-1001-1074 | | 1 | 15C | 2 | |
| | | 3 | 15C | 2 | |
| | | 3 | 15E | 2 | |
| | | 3 | 15E | 2 | |
| 433-673-1004-4013 | | 1 | 55G | 1 | |
| | | 1 | 55J | 1 | |
| | | 1 | 55Q | 1 | |
| | | 1 | 55T | 1 | |
| | | 2 | 65 | 1 | |
| | | 2 | 65B | 1 | |
| | | 2 | 65E | 1 | |
| | | 2 | 65H | 1 | |
| | | 3 | 55G | 1 | |
| | | 3 | 55J | 1 | |
| | | 3 | 55Q | 1 | |
| | | 3 | 55T | 1 | |
| | 433-673-1004-4019 | | 1 | 20G | 2 |
| | | 1 | 20H | 2 | |
| | | 2 | 30A | 2 | |
| | | 2 | 30B | 2 | |
| | | 3 | 20G | 2 | |
| | | 3 | 20H | 2 | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | |
|-------------------|---------------------|------|------|------------|---|
| 433-673-1004-4030 | | 1 | 50G | 1 | |
| | | 1 | 50H | 1 | |
| | | 1 | 50N | 1 | |
| | | 1 | 50Q | 1 | |
| | | 2 | 60A | 1 | |
| | | 2 | 60B | 1 | |
| | | 2 | 60F | 1 | |
| | | 2 | 60H | 1 | |
| | | 3 | 50G | 1 | |
| | | 3 | 50H | 1 | |
| | | 3 | 50N | 1 | |
| | | 3 | 50Q | 1 | |
| | 433-673-1004-4074 | | 1 | 15G | 2 |
| | | | 1 | 15H | 2 |
| | | 2 | 25A | 2 | |
| | | 2 | 25B | 2 | |
| | | 3 | 15G | 2 | |
| | | 3 | 15H | 2 | |
| | | 3 | 15H | 2 | |
| 4336731004-4213 | | 2 | 65D | 1 | |
| 4336731004-4219 | | 2 | 30D | 2 | |
| 4336731004-4230 | | 2 | 60D | 1 | |
| 4336731004-4274 | | 2 | 25D | 2 | |
| | | 2 | 25E | 2 | |
| | | 2 | 25H | | |
| | | 2 | 25H | | |
| 434-674-1005-1051 | | 1 | 45 | 2 | |
| | | 3 | 45 | 2 | |
| 434-674-1005-1086 | | 1 | 45E | 2 | |
| | | 1 | 45H | 2 | |
| | | 2 | 55A | 2 | |
| | | 2 | 55D | 2 | |
| | | 3 | 45C | 2 | |
| | | 3 | 45F | 2 | |
| | | 3 | 45F | 2 | |
| 434-674-1005-1272 | | 1 | 30 | 2 | |
| | | 1 | 30D | 2 | |
| | | 2 | 40 | 2 | |
| | | 2 | 40B | 2 | |
| | | 3 | 30 | 2 | |
| | | 3 | 30B | 2 | |
| | | 3 | 30B | 2 | |
| 434-674-1005-1273 | | 1 | 35 | 2 | |
| | | 1 | 35D | 2 | |
| | | 2 | 45 | 2 | |
| | | 2 | 45B | 2 | |
| | | 3 | 35 | 2 | |
| | | 3 | 35 | 2 | |
| | | 3 | 35B | 2 | |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|-------------------|---------------------|------|------|------------|
| 434-674-1005-1286 | | 1 | 40 | 1 |
| | | 1 | 40D | 1 |
| | | 2 | 50 | 1 |
| | | 2 | 50B | 1 |
| | | 3 | 40 | 1 |
| | | 3 | 40B | 1 |
| 434-674-1031-2051 | | 1 | 45A | 2 |
| | | 3 | 45A | 2 |
| 434-674-1031-2086 | | 1 | 45D | 2 |
| | | 1 | 45F | 2 |
| | | 2 | 55 | 2 |
| | | 2 | 55B | 2 |
| | | 3 | 45B | 2 |
| | | 3 | 45D | 2 |
| | | 3 | 45D | 2 |
| 434-674-1031-2128 | | 2 | 45D | 2 |
| | 434-674-1031-2272 | 1 | 30A | 2 |
| 1 | | 30E | 2 | |
| 2 | | 40A | 2 | |
| 2 | | 40C | 2 | |
| 2 | | 40D | 2 | |
| 3 | | 30A | 2 | |
| 3 | | 30C | 2 | |
| 434-674-1031-2273 | | 1 | 35A | 2 |
| | | 1 | 35E | 2 |
| | | 2 | 45A | 2 |
| | 2 | 45C | 2 | |
| | 2 | 45E | 2 | |
| | 3 | 35A | 2 | |
| | 3 | 35C | 2 | |
| 434-674-1031-2286 | 1 | 40A | 1 | |
| | 1 | 40E | 1 | |
| | 2 | 50A | 1 | |
| | 2 | 50C | 1 | |
| | 2 | 50D | 1 | |
| | 3 | 40A | 1 | |
| 434-674-1031-2338 | 3 | 40C | 1 | |
| | 1 | 45G | 2 | |
| | 2 | 55C | 2 | |
| | 3 | 45E | 2 | |
| 69B46200-11 | 1 | 95 | 3 | |
| | 2 | 105 | 3 | |
| | 3 | 95 | 3 | |
| 800-000121-1 | | 2 | 20B | 1 |
| 800-000906 | | 2 | 5A | 1 |
| | | 3 | 140 | 1 |
| 800-008311 | | 2 | 5D | 1 |
| 800-009192 | | 2 | 5C | 1 |

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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ | | |
|----------------|---------------------|----------------|------|------------|-----|---|
| 800000121-1 | | 1 | 10 | 1 | | |
| | | 2 | 20 | 1 | | |
| | | 3 | 10 | 1 | | |
| 851-30768-1013 | | 1 | 55A | | | |
| 851-30768-1019 | | 1 | 20A | | | |
| 851-30768-1030 | | 1 | 50A | | | |
| 851-30768-1074 | | 1 | 15A | | | |
| 851-30768-2013 | | 1 | 55 | 1 | | |
| | | 1 | 55E | 1 | | |
| | | 1 | 55L | 1 | | |
| | | 3 | 55 | 1 | | |
| | | 3 | 55D | 1 | | |
| | | 3 | 55L | 1 | | |
| | | 851-30768-2019 | | 1 | 20 | 2 |
| | | | | 1 | 20C | 2 |
| | | | | 1 | 20G | 2 |
| | | | | 1 | 20H | 2 |
| 3 | 20 | | | 2 | | |
| 3 | 20A | | | 2 | | |
| 3 | 20C | | | 2 | | |
| 3 | 20E | | | 2 | | |
| 3 | 20G | | | 2 | | |
| 3 | 20H | | | 2 | | |
| 851-30768-2030 | | 1 | 50 | 1 | | |
| | | 3 | 50 | 1 | | |
| | | 3 | 50A | 1 | | |
| 851-30768-2074 | | 1 | 15 | 2 | | |
| | | 3 | 15 | 2 | | |
| | | 3 | 15A | 2 | | |
| 851-30768-3013 | | 1 | 55B | 1 | | |
| | | 1 | 55N | 1 | | |
| | | 3 | 55A | 1 | | |
| | | 3 | 55E | 1 | | |
| | | 3 | 55N | 1 | | |
| 851-30768-3019 | | 1 | 20B | 2 | | |
| | | 3 | 20B | 2 | | |
| | | 3 | 20D | 2 | | |
| 851-30768-3030 | | 1 | 50B | 1 | | |
| | | 1 | 50K | 1 | | |
| | | 3 | 50B | 1 | | |
| | | 3 | 50D | 1 | | |
| | | 3 | 50K | 1 | | |
| 851-30768-3074 | | 1 | 15B | 2 | | |
| | | 3 | 15B | 2 | | |
| | | 3 | 15D | 2 | | |

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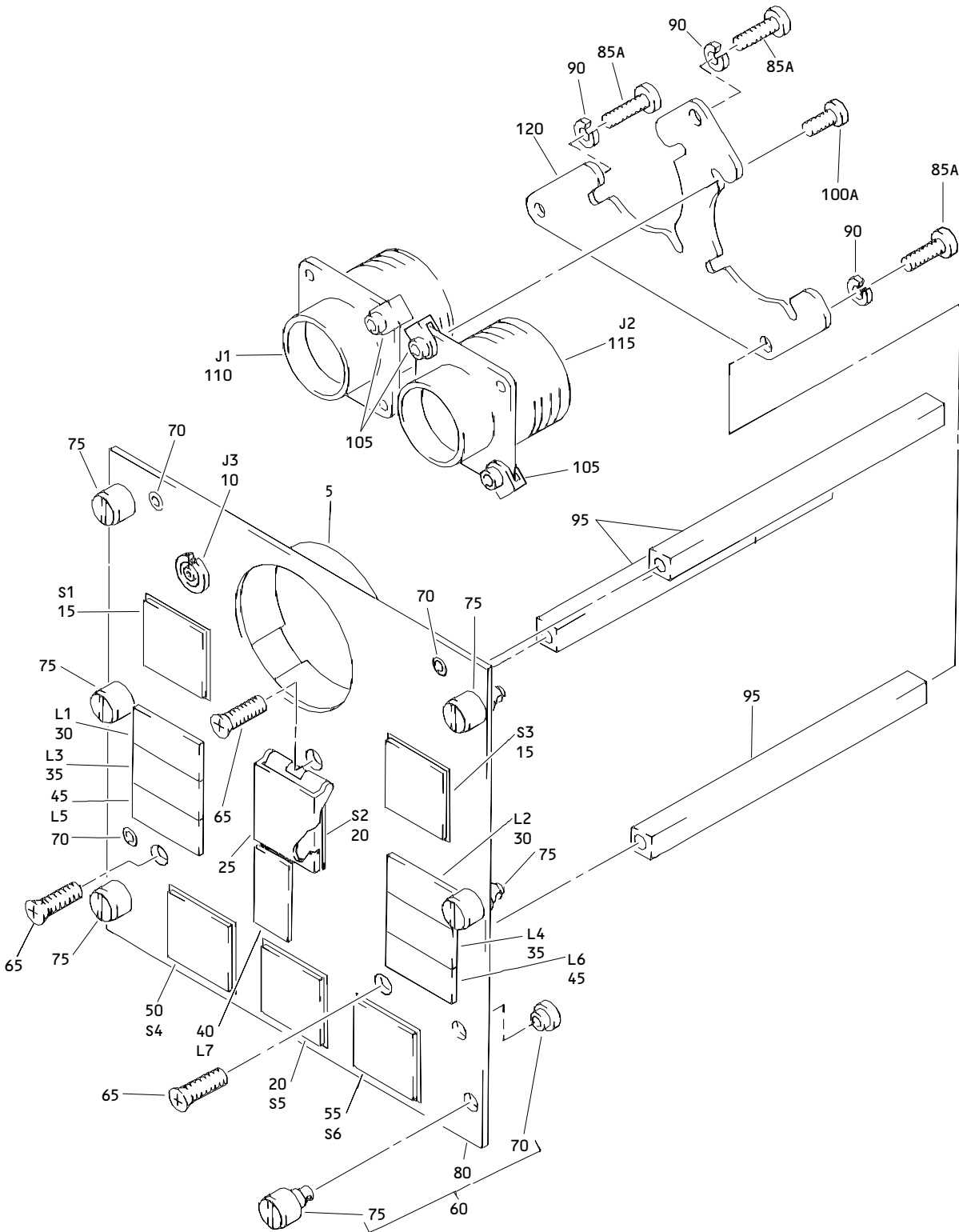
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| PART NUMBER | AIRLINE PART NO. | FIG. | ITEM | TTL REQ |
|----------------|---------------------|------|------|------------|
| 851-30768-803 | | 1 | 25A | 1 |
| | | 3 | 25A | 1 |
| | | 3 | 25F | 1 |
| 851-30768-813 | | 1 | 25 | 1 |
| | | 1 | 25B | |
| | | 3 | 25 | 1 |
| 851-35100-5013 | | 3 | 25E | 1 |
| | | 1 | 54A | |
| | | 1 | 55K | 1 |
| 851-35100-5019 | | 1 | 55S | 1 |
| | | 2 | 64A | |
| | | 2 | 65C | 1 |
| | | 2 | 65G | 1 |
| | | 3 | 55K | 1 |
| | | 3 | 55S | 1 |
| | | 1 | 17A | |
| | | 1 | 20J | 2 |
| | | 2 | 27A | |
| | | 2 | 30C | 2 |
| 851-35100-5030 | | 2 | 30G | |
| | | 3 | 20J | 2 |
| | | 1 | 47A | |
| | | 1 | 50J | 1 |
| | | 1 | 50P | 1 |
| | | 2 | 57A | |
| | | 2 | 60C | 1 |
| | | 2 | 60G | 1 |
| | | 3 | 50J | 1 |
| | | 3 | 50P | 1 |
| 851-35100-5074 | | 1 | 12A | |
| | | 1 | 15J | 2 |
| | | 2 | 22A | |
| | | 2 | 25C | 2 |
| | | 2 | 25G | |
| 90-42301-1 | | 3 | 15J | 2 |
| | | 2 | 20A | 1 |

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Bleed Air Control Panel Assembly, M15
Figure 1

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------------|--|---------------------|---|----------|--------------|
| 01- -1 -1A | 233T3237-1 233T3237-5 | | DELETED PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-1) (PRE SB 233T3237-36-04) | B | RF |
| -1B | 233T3237-7 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (POST SB 233T3237-36-1) (PRE SB 233T3237-36-02) | A | RF |
| -1C | 233T3237-10 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (POST SB 233T3237-36-02) | C | RF |
| -1D -1E -1F | 233T3237-9 233T3237-12 233T3237-13 | | DELETED DELETED PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (PRE SB 233T3237-36-02R1) | D | RF |
| -1G | 233T3237-14 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (POST SB 233T3237-36-02R1) | E | RF |
| -1H | 233T3237-15 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (PRE SB 233T3237-36-02R2) | F | RF |
| -1J | 233T3237-16 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (POST SB 233T3237-36-02R2) | G | RF |
| -1K | 233T3237-17 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | H | RF |
| -1L | 233T3237-19 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | J | RF |
| -1M | 233T3237-18 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | K | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|--------------|---------------------|---|----------|--------------|
| 01- -1N | 233T3237-21 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | L | RF |
| -1P | 233T3237-24 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | M | RF |
| -1Q | 233T3237-27 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | N | RF |
| -1R | 233T3237-30 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (PRE SB 233T3237-36-03) | P | RF |
| -1S | 233T3237-25 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (POST SB 233T3237-36-03) | Q | RF |
| -1T | 233T3237-32 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | S | RF |
| -2 | 233T3237-300 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | T | RF |
| -2A | 233T3237-301 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | U | RF |
| -2B | 233T3237-302 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | V | RF |
| -2C | 233T3237-304 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | W | RF |
| -2D | 233T3237-305 | | PANEL ASSY-M15 BLEED AIR CONT (FOR DETAILS SEE FIG. 2) | R | RF |
| -2E | 233T3237-306 | | PANEL ASSY-M15 BLEED AIR CONT (FOR DETAILS SEE FIG. 2) | X | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|--------------|---------------|---------------------|---|----------|--------------|
| R 01- -2F | 233T3237-307 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | Y | RF |
| R -2G | 233T3237-308 | | PANEL ASSY-M15 BLEED AIR CONT (FOR DETAILS SEE FIG. 2) | Z | RF |
| R -2H | 233T3237-309 | | PANEL ASSY-M15 BLEED AIR CONT (FOR DETAILS SEE FIG. 2) | AA | RF |
| R -2J | 233T3237-1005 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AB | RF |
| R -2K | 233T3237-1007 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AC | RF |
| R -2L | 233T3237-1010 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AD | RF |
| R -2M | 233T3237-1013 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AE | RF |
| R -2N | 233T3237-1014 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AF | RF |
| R -2P | 233T3237-1015 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AG | RF |
| R -2Q | 233T3237-1016 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AH | RF |
| R -2R | 233T3237-1017 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AJ | RF |
| R -2S | 233T3237-1018 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AK | RF |
| R -2T | 233T3237-1019 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AL | RF |
| R -2U | 233T3237-1021 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AM | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|--------------|---------------|---------------------|--|----------|--------------|
| R 01- -2V | 233T3237-1024 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AN | RF |
| R -2W | 233T3237-1025 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AP | RF |
| R -2X | 233T3237-1027 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AQ | RF |
| R -2Y | 233T3237-1030 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AR | RF |
| R -2Z | 233T3237-1032 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AS | RF |
| R -3 | 233T3237-1300 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | AT | RF |
| R -3A | 233T3237-1301 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | AU | RF |
| R -3B | 233T3237-1302 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | AV | RF |
| R -3C | 233T3237-1304 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | AW | RF |
| R -3D | 233T3237-1307 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) (FOR DETAILS SEE FIG. 2) | AX | RF |
| R -3E | 233T3237-310 | | PANEL ASSY-M15 BLEED AIR CONT (FOR DETAILS SEE FIG. 2) | AY | RF |
| R -3F | 233T3237-311 | | PANEL ASSY-M15 BLEED AIR CONT (FOR DETAILS SEE FIG. 2) | AZ | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|--------------|---------------------|--|----------|--------------|
| 01- -3G | 233T3100-128 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BB | RF |
| -3H | 233T3100-129 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BC | RF |
| -3J | 233T3100-173 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BD | RF |
| -3K | 233T3100-223 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BE | RF |
| -3L | 233T3100-224 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BF | RF |
| -3M | 233T3100-228 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BG | RF |
| -3N | 233T3100-244 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BH | RF |
| -3P | 233T3100-245 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BJ | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|--------------|---------------------|--|----------|--------------|
| 01- -3Q | 233T3100-266 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BK | RF |
| -3R | 233T3100-274 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BL | RF |
| -3S | 233T3100-276 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BM | RF |
| -3T | 233T3100-291 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BN | RF |
| -3U | 233T3100-318 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BP | RF |
| -3V | 233T3100-319 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BQ | RF |
| -3W | 233T3100-333 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BR | RF |
| -3X | 233T3100-335 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BS | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|----------|--------------|
| 01- -3Y | 233T3100-336 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BT | RF |
| -3Z | 233T3100-343 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BU | RF |
| -4 | 233T3100-443 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BV | RF |
| -4A | 233T3237-1308 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BW | RF |
| -4B | 233T3237-1309 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BX | RF |
| -4C | 233T3237-1310 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BY | RF |
| -4D | 233T3237-1311 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | BZ | RF |
| -4E | 233T3237-1312 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CC | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|----------|--------------|
| 01- -4F | 233T3237-1313 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CD | RF |
| -4G | 233T3237-1314 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CE | RF |
| -4H | 233T3237-1315 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CF | RF |
| -4J | 233T3237-1316 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CG | RF |
| -4K | 233T3237-1317 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CH | RF |
| -4L | 233T3237-1318 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CJ | RF |
| -4M | 233T3237-1319 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CK | RF |
| -4N | 233T3237-1320 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CL | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|---------------------|--------------|
| 01- -4P | 233T3237-1321 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CM | RF |
| -4Q | 233T3237-1322 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CN | RF |
| -4R | 233T3237-1323 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CP | RF |
| -4S | 233T3237-1324 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CQ | RF |
| -4T | 233T3237-1325 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) (FOR DETAILS SEE FIG. 3) | CR | RF |
| 5 | 123-31 | | .CLAMP- (V28277) (N122) | A-Q,S ,AB-A S | 1 |
| 10 | 800000121-1 | | .CONNECTOR-PWR (V05617) (J3) | A-Q,S ,AB-A S | 1 |
| 11 | 233T3237-39 | | DELETED | | |
| 12 | S231T290-5074 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|-----------------------------------|--------------|
| 01- | | | | | |
| -12A | 851-35100-5074 | | DELETED | | |
| -13 | 233T3237-40 | | DELETED | | |
| -14 | BCREFA0533 | | DELETED | | |
| 15 | 851-30768-2074 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V96182) (S1, S3) (SPEC S231T290-2074) | A-C, A B-AD | 2 |
| -15A | 851-30768-1074 | | DELETED | | |
| -15B | 851-30768-3074 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V96182) (S1, S3) (SPEC S231T290-3074) (OPT ITEM 15C) | D-H, K , AE-A K | 2 |
| -15C | BCREF7686 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1001-1074) (S1, S3) (SPEC S231T290-1074) (OPT ITEM 15B) | D-H, K , AE-A K | 2 |
| -15D | S231T290-4074 | | DELETED | | |
| -15E | S231T290-4074 | | DELETED | | |
| -15F | S231T290-5074 | | .SWITCH-LIGHTED PUSH BUTTON IND (S1, S3) (OPT ITEMS 15H, 15J) | L-P, S , AM, A N, A Q-AS | 2 |
| -15G | BCREFA0533 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1004-4074) (S1, S3) (SPEC S231T290-4074) | J, Q, A L, AP | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|-------------------------------|--------------|
| 01- -15H | BCREFA0533 | | .SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4074) (S1, S3) (SPEC S231T290-4074) (OPT ITEMS 15F, 15H) | L-P,S ,AM,A N,A Q-AS | 2 |
| -15J | 851-35100-5074 | | .SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S1, S3) (OPT ITEMS 15F, 15H) | L-P,S ,AM,A N,A Q-AS | 2 |
| 16 | 233T3237-35 | | DELETED | | |
| 17 | S231T290-5019 | | DELETED | | |
| -17A | 851-35100-5019 | | DELETED | | |
| -18 | 233T3237-36 | | DELETED | | |
| -19 | BCREFA0834 | | DELETED | | |
| 20 | 851-30768-2019 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V96182) (S2, S5) (SPEC S231T290-2019) (851-30768-2019 TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) | A-C,A B-AD | 2 |
| -20A | 851-30768-1019 | | DELETED | | |
| -20B | 851-30768-3019 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V96182) (S2, S5) (SPEC S231T290-3019) (OPT ITEM 20C) | D-H,K ,AE-A K | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|---------------|---------------|---------------------|--|-------------------------------|--------------|
| R 01- -20C | BCREF7685 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1001-1019) (S2, S5) (SPEC S231T290-1019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) (USE WITH CONFIGURATION (OPT ITEM 20B) | D-H,K ,AE-A K | 2 |
| -20D | S231T290-4019 | | DELETED | | |
| -20E | S231T290-4019 | | DELETED | | |
| -20F | S231T290-5019 | | .SWITCH-LIGHTED PUSH BUTTON IND (S2, S5) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) (OPT ITEMS 20H, 20J | L-P,S ,AM,A N,A Q-AS | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|-------------------------------|--------------|
| 01- -20G | BCREFA0834 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1004-4019) (S2, S5) (SPEC S231T290-4019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) | J,Q,A L,AP | 2 |
| -20H | BCREFA0834 | | .SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1004-4019) (S2, S5) (SPEC S231T290-4019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) | L-P,S ,AM,A N,A Q-AS | 2 |
| -20J | 851-35100-5019 | | .SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S2, S5) (OPT ITEMS 20F, 20J) | L-P,S ,AM,A N,A Q-AS | 2 |
| 25 | 851-30768-813 | | .GUARD-LIGHTED PUSH BUTTON IND SWITCH (V96182) (SPEC S231T290-813) (OPT ITEMS 25A, 25C) (USED WITH ITEM 20) | A-C,A B-AD | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|----------------------|-------------------------------------|---------------------|---|-------------------------------|--------------|
| 01- -25A | 851-30768-803 | | .GUARD-LIGHTED PUSH BUTTON IND SWITCH (V96182) (SPEC S231T290-803) (OPT ITEMS 25, 25C) (USED WITH ITEM 20) | A-C,A B-AD | 1 |
| -25B -25C | 851-30768-813 433-100-004 | | DELETED .GUARD-LIGHTED PUSH BUTTON IND SWITCH (V81590) (SPEC S231T290-823) (OPT ITEMS 25, 25A) | A-C,A B-AD | 1 |
| -25D | 433-100-004 | | .GUARD-LIGHTED PUSH BUTTON IND SWITCH (V81590) (SPEC S231T290-823) (USED WITH ITEM 20C) | D-H,A E-AJ | 1 |
| -25E -25F | S231T290-823 433-100-004 | | DELETED .GUARD-LIGHTED PUSH BUTTON IND SWITCH (V81590) (S2) (SPEC S231T290-823) | J-Q,S ,AK-A S | 1 |
| 30 | BCREF6203 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1272) (L1, L2) (SPEC S231T300-1272) (OPT ITEM 30A) | A-P,S ,AB-A N,A Q-AS | 2 |
| -30A | BCREF8588 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) (OPT ITEM 30) | A-P,S ,AB-A N,A Q-AS | 2 |
| -30B -30C -30D | BCREF8588 BCREF6203 BCREF6203 | | DELETED DELETED .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1272) (L1, L2) (SPEC S231T300-1272) (ITEM 30D WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 30E) | Q,AP | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|---|-------------------------------|--------------|
| 01- -30E | BCREF8588 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) (ITEM 30D WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 30E) | Q,AP | 2 |
| 35 | BCREF6204 | | .LIGHT ASSY-BLEED IND (V81590) (434-674-1005-1273) (L3, L4) (SPEC S231T300-1273) (OPT ITEM 35A) | A-P,S ,AB-A N,A Q-AS | 2 |
| -35A | BCREF8589 | | .LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) (OPT ITEM 35) | A-P,S ,AB-A N,A Q-AS | 2 |
| -35B | BCREF8589 | | DELETED | | |
| -35C | BCREF6204 | | DELETED | | |
| -35D | BCREF6204 | | .LIGHT ASSY-BLEED IND (V81590) (434-674-1005-1273) (L3, L4) (SPEC S231T300-1273) (ITEM 35D WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 35E) | Q,AP | 2 |
| -35E | BCREF8589 | | .LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) (ITEM 35D WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 35E) | Q,AP | 2 |
| 40 | BCREF6330 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1286) (L7) (SPEC S231T300-1286) (OPT ITEM 40A) | A-P,S ,AB-A N,A Q-AS | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|---|---------------------------------|--------------|
| 01- -40A | BCREF8591 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) (OPT ITEM 40) | A-P,S ,AB-A N,A Q-AS | 1 |
| -40B | BCREF8591 | | DELETED | | |
| -40C | BCREF6330 | | DELETED | | |
| -40D | BCREF6330 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1286) (L7) (SPEC S231T300-1286) (ITEM 40D WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 40E) | Q,AP | 1 |
| -40E | BCREF8591 | | .LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) (ITEM 40D WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 40E) | Q,AP | 1 |
| 45 | BCREF6197 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1051) (L5, L6) (SPEC S231T300-1051) (OPT ITEM 45A) | A-G,L ,M,A B-AH, AM,AN | 2 |
| -45A | BCREF8534 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2051) (L5, L6) (SPEC S231T300-2051) (OPT ITEM 45) | A-G,L ,M,A B-AH, AM,AN | 2 |
| -45B | BCREF8534 | | DELETED | | |
| -45C | BCREF6197 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|------------------------|--------------|
| 01- -45D | BCREF8540 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2086) (L5, L6) (SPEC S231T300-2086) (ITEM 45H WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 45D) | Q,AP | 2 |
| -45E | BCREF6113 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1086) (L5, L6) (SPEC S231T300-1086) | H,K,N ,AJ,A K,AQ | 2 |
| -45F | BCREF8540 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2086) (L5, L6) (SPEC S231T300-2086) | P,AR | 2 |
| -45G | BCREF10635 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2338) (L5, L6) (SPEC S231T300-2338) | S,AS | 2 |
| -45H | BCREF6113 | | .LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1086) (L5, L6) (SPEC S231T300-1086) (ITEM 45H WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 45D) | Q,AP | 2 |
| 46 | 233T3237-37 | | DELETED | | |
| 47 | S231T290-5030 | | DELETED | | |
| -47A | 851-35100-5030 | | DELETED | | |
| -48 | 233T3237-38 | | DELETED | | |
| -49 | BCREFA0513 | | DELETED | | |
| 50 | 851-30768-2030 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-2030) | A-C,A B-AD | 1 |
| -50A | 851-30768-1030 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|----------|--------------|
| 01- -50B | 851-30768-3030 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-3030) (OPT ITEM 50C) | D-H,K | 1 |
| -50C | BCREF7614 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V81590) (433-673-1001-1030) (S4) (SPEC S231T290-1030) (OPT ITEM 50B) | D-H,K | 1 |
| -50D | S231T290-4030 | | DELETED | | |
| -50E | S231T290-4030 | | DELETED | | |
| -50F | S231T290-5030 | | .SWITCH-LIGHTED PUSH BUTTON IND (S4) (OPT ITEMS 50H, 50J) | L-P,S | 1 |
| -50G | BCREFA0513 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) | J,Q | 1 |
| -50H | BCREFA0513 | | .SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) (OPT ITEMS 50F, 50J) | L-P,S | 1 |
| -50J | 851-35100-5030 | | .SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S4) (OPT ITEMS 50F, 50H) | L-P,S | 1 |
| R -50K | 851-30768-3030 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-3030) (OPT ITEM 50L) | AE-AK | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|---------------------|--------------|
| R 01-50L | BCREF7614 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1001-1030) (S4) (SPEC S231T290-1030) (OPT ITEM 50K) | AE-AK | 1 |
| R -50M | S231T290-5030 | | .SWITCH-LIGHTED PUSH BUTTON IND (S4) (OPT ITEMS 50N, 50P) | AM,AN ,AQ-A S | 1 |
| R -50N | BCREFA0513 | | .SWITCH-LIGHTED PUSH BUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) (OPT ITEMS 50M, 50P) | AM,AN ,AQ-A S | 1 |
| R -50P | 851-35100-5030 | | .SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S4) (OPT ITEMS 50N, 50M) | AM,AN ,AQ-A S | 1 |
| R -50Q | BCREFA0513 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) | AL,AP | 1 |
| 51 | 233T3237-34 | | DELETED | | |
| 52 | BCREFA0504 | | DELETED | | |
| -53 | 233T3237-33 | | DELETED | | |
| -54 | S231T290-5013 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------------|----------------------------------|---------------------|--|---------------|--------------|
| 01- -54A 55 | 851-35100-5013 851-30768-2013 | | DELETED .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-2013) (OPT ITEM 55D) | A | 1 |
| -55A -55B | 851-30768-1013 851-30768-3013 | | DELETED .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-3013) (OPT ITEM 55C) | D-H,K | 1 |
| -55C | BCREF7605 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55B) | D-H,K | 1 |
| R -55D | BCREF7605 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55) | A | 1 |
| -55E | 851-30768-2013 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-2013) | B,C,A B,AD | 1 |
| R -55F -55G | S231T290-4013 BCREFA0504 | | DELETED .SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) (OPT ITEMS 55H, 55K) | L-P,S | 1 |
| -55H | S231T290-5013 | | .SWITCH-LIGHTED PUSH BUTTON IND (S6) (OPT ITEMS 55G, 55K) | L-P,S | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|----------|--------------|
| 01- -55J | BCREFA0504 | | .SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) | J,Q | 1 |
| -55K | 851-35100-5013 | | .SWITCH-LIGHTED PUSHBUTTON IND (96182) (S6) (OPT ITEMS 55G, 55H) | L-P,S | 1 |
| R -55L | 851-30768-2013 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-2013) (OPT ITEM 55M) | AC | 1 |
| R -55M | BCREF7605 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55L) | AC | 1 |
| R -55N | 851-30768-3013 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-3013) (OPT ITEM 55P) | AE-AK | 1 |
| R -55P | BCREF7605 | | .SWITCH-LIGHTED PUSH BUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55N) | AE-AK | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|---------------------|--------------|
| R 01-55Q | BCREFA0504 | | .SWITCH-LIGHTED PUSH BUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) (OPT ITEMS 55R, 55S) | AM,AN ,AQ-A S | 1 |
| R -55R | S231T290-5013 | | .SWITCH-LIGHTED PUSH BUTTON IND (S6) (OPT ITEMS 55Q, 55S) | AM,AN ,AQ-A S | 1 |
| R -55S | 851-35100-5013 | | .SWITCH-LIGHTED PUSHBUTTON IND (96182) (S6) (OPT ITEMS 55Q, 55R) | AM,AN ,AQ-A S | 1 |
| R -55T | BCREFA0504 | | .SWITCH-LIGHTED PUSH BUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) | AL,AP | 1 |
| 60 | 233T3237-2 | | .BASEPLATE ASSY | A-Q,S ,AB-A S | 1 |
| 65 | NAS514P632-5 | | ATTACHING PARTS .SCREW -----*----- | A-Q,S ,AB-A S | 3 |
| 70 | SF6G6CBB5D | | ..NUT- (V12324) (SPEC BACN10PA06-6) | A-Q,S ,AB-A S | 4 |
| 75 | DBMB1400-6A1 | | ..STUD ASSY- (V08524) (SPEC BACS21DD1B) | A-Q,S ,AB-A S | 6 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|------------------------------|---------------------|--|---------------------|--------------|
| 01-80 | BACP10U0637N | | . . PANEL | A-Q,S ,AB-A S | 1 |
| 85 85A | BACS12CB06-5 NAS1801-06-5 | | DELETED . SCREW | A-Q,S ,AB-A S | 3 |
| 90 | MS35338-41 | | . WASHER | A-Q,S ,AB-A S | 3 |
| 95 | 69B46200-11 | | . STANDOFF | A-Q,S ,AB-A S | 3 |
| 100 100A | BACS12CB04-5 NAS1801-04-5 | | DELETED . SCREW | A-Q,S ,AB-A S | 4 |
| 105 | K19798-04 | | . NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119)) | A-Q,S ,AB-A S | 4 |
| 110 | BACC45FN22-55P8 | | . CONNECTOR- (J1) | A-Q,S ,AB-A S | 1 |
| 115 | BACC45FN22-55P9 | | . CONNECTOR- (J2) | A-Q,S ,AB-A S | 1 |

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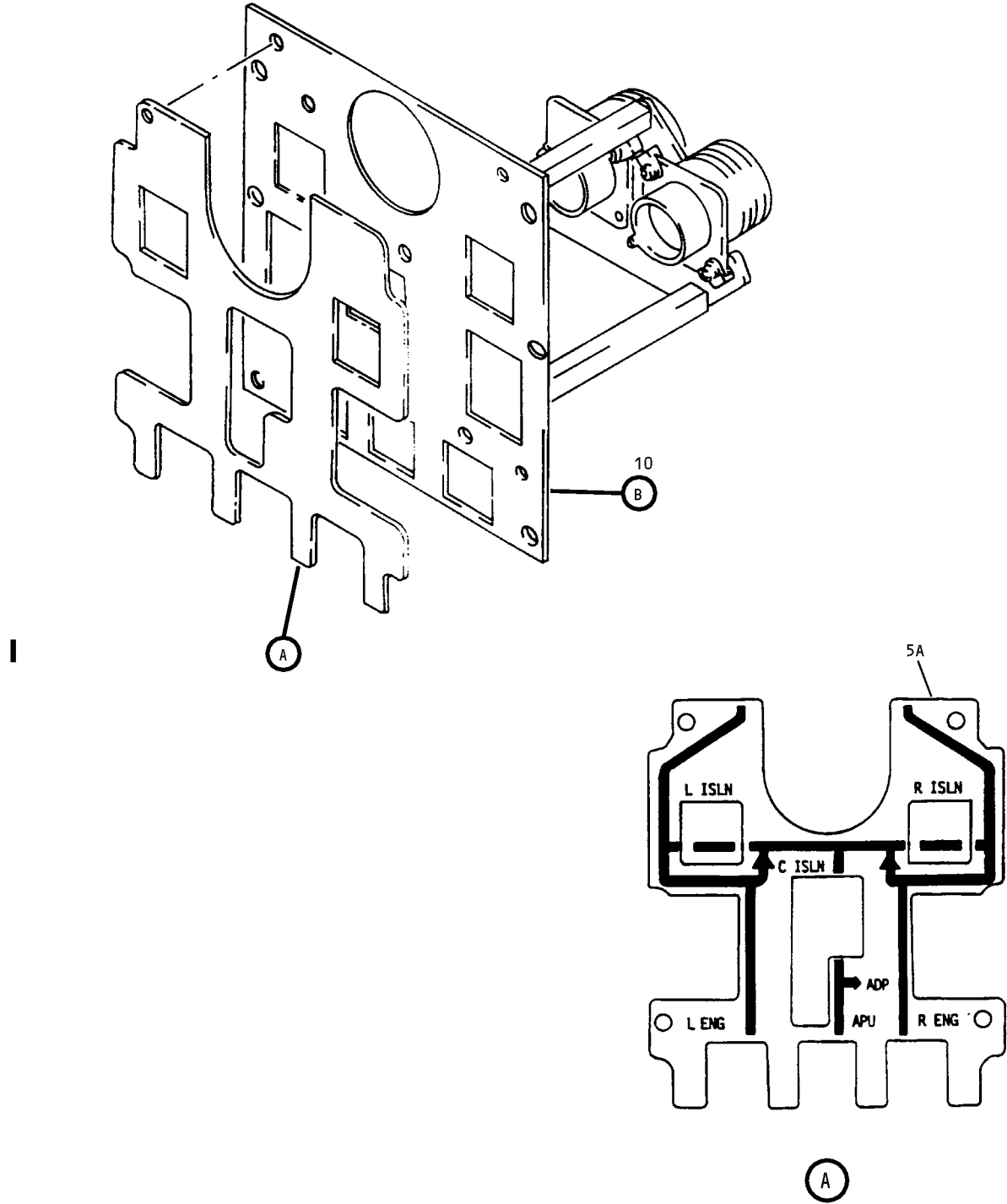
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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|--|--------------|
| 01-120 | 233T6200-19 | | .BRACKET-SPRT | A-Q,S ,AB-A S | 1 |
| -125 | 233T3237-3 | | DELETED | | |
| -125A | 233T3237-6 | | .WIRE BUNDLE ASSY | B,AB | 1 |
| -125B | 233T3237-8 | | .WIRE BUNDLE ASSY | A,D,F ,K,M, AC,AE ,AG,A K,AN | 1 |
| -125C | 233T3237-11 | | .WIRE BUNDLE ASSY | C,E, G-J,L ,N,S, AD,AF ,AH-A M AQ,AS P,AR | 1 |
| -125D | 233T3237-8 | | .WIRE BUNDLE ASSY- (PRE SB 233T3237-36-03) | Q,AP | 1 |
| -125E | 233T3237-11 | | .WIRE BUNDLE ASSY- (POST SB 233T3237-36-03) | | |
| -130 | M39029-1-16-20 | | DELETED | | |
| R -130A | M39029-1-16-20 | | ..CONTACT-PIN (V95266) | A-Q,S ,AB-A S | AR |

- Item Not Illustrated

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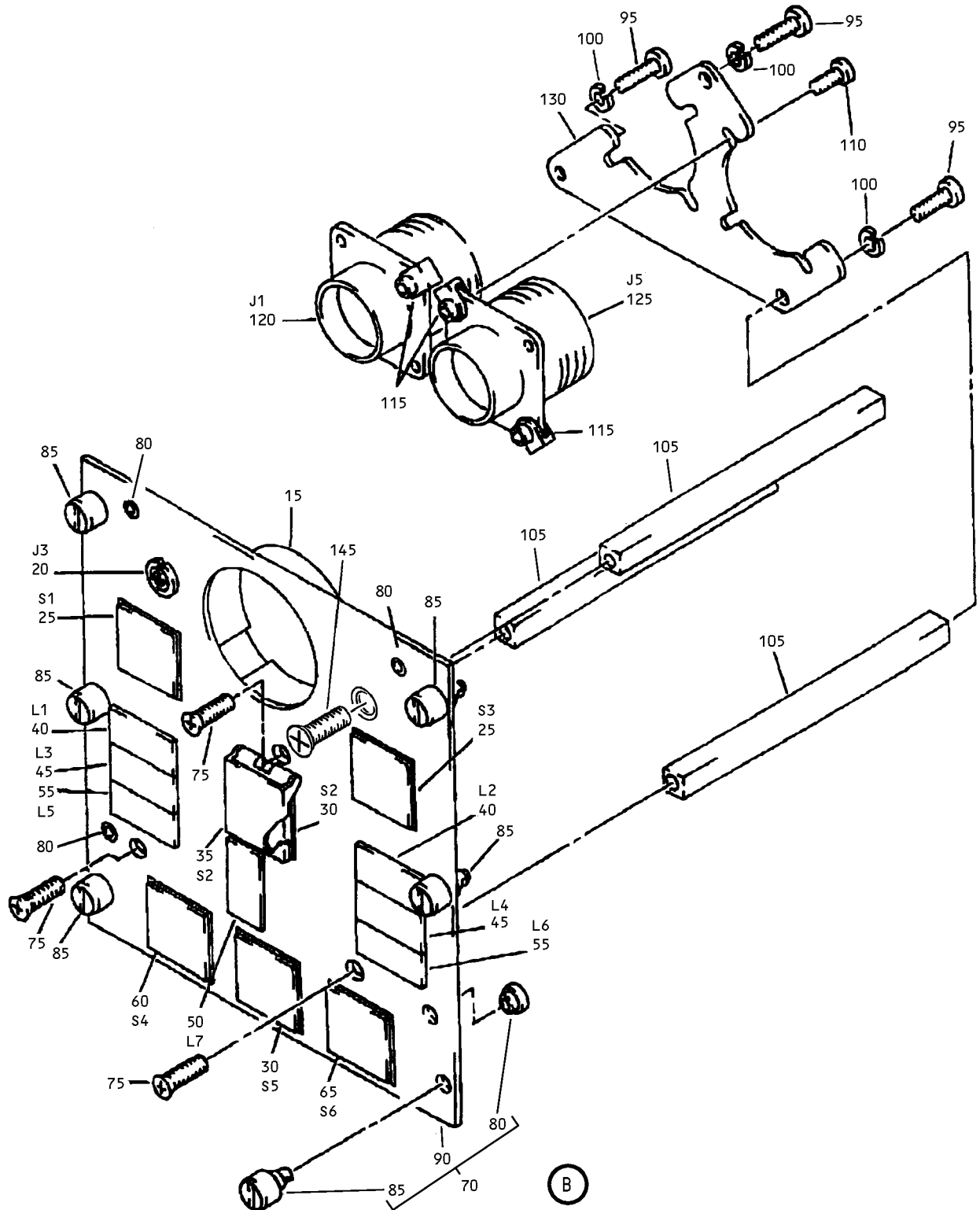
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Bleed Air Control Panel Assembly, M15
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Bleed Air Control Panel Assembly, M15
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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|--|----------|--------------|
| 02- -1A | 233T3237-300 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | T | RF |
| -1B | 233T3237-301 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | U | RF |
| -1C | 233T3237-302 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | V | RF |
| -1D | 233T3237-304 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | W | RF |
| -1E | 233T3237-305 | | PANEL ASSY-M15 BLEED AIR CONT | R | RF |
| -1F | 233T3237-306 | | PANEL ASSY-M15 BLEED AIR CONT | X | RF |
| R -1G | 233T3237-307 | | PANEL ASSY-M15 BLEED AIR CONT (PRE SB 233T3237-36-04) | Y | RF |
| R -1H | 233T3237-308 | | PANEL ASSY-M15 BLEED AIR CONT | Z | RF |
| R -1J | 233T3237-309 | | PANEL ASSY-M15 BLEED AIR CONT | AA | RF |
| R -1K | 233T3237-1300 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AT | RF |
| R -1L | 233T3237-1301 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AU | RF |
| R -1M | 233T3237-1302 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AV | RF |
| R -1N | 233T3237-1304 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AW | RF |
| R -1P | 233T3237-1307 | | PANEL ASSY-M15 BLEED AIR CONT (POST SB 233T3237-36-04) | AX | RF |
| R -1Q | 233T3237-310 | | PANEL ASSY-M15 BLEED AIR CONT | AY | RF |
| R -1R | 233T3237-311 | | PANEL ASSY-M15 BLEED AIR CONT | AZ | RF |
| 5 | S233T100-1051 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|--|-------------------------------|--------------|
| R 02-5A | 800-000906 | | .LIGHTPLATE- (V05617) (SPEC S233T100-1051) (OPT S233T100-1051 (V51896)) | T,W,Z ,AT-A W,AY, AZ | 1 |
| -5B | S233T100-1134 | | DELETED | | |
| -5C | 800-009192 | | .LIGHTPLATE- (V05617) (SPEC S233T100-1134) (OPT S233T100-1134 (V51896)) | R | 1 |
| -5D | 800-008311 | | .LIGHTPLATE- (V05617) (SPEC S233T100-1136) (OPT S233T100-1136 (V51896)) | X,Y,A A,AX | 1 |
| 10 | 233T3237-30 | | .PANEL ASSY- (PRE SB 233T3237-36-03) | T | 1 |
| -10A | 233T3237-25 | | .PANEL ASSY- (233T3237-25 I/W -27 SUBJECT TO CUSTOMER PREFERENCE) (POST SB 233T3237-36-03) | R,U,X | 1 |
| -10B | 233T3237-32 | | .PANEL ASSY | V | 1 |
| -10C | 233T3237-27 | | .PANEL ASSY- (233T3237-25 I/W -27 SUBJECT TO CUSTOMER PREFERENCE) | W | 1 |
| R -10D | 233T3237-41 | | .PANEL ASSY | Y | 1 |
| R -10E | 233T3237-44 | | .PANEL ASSY | Z | 1 |
| R -10F | 233T3237-45 | | .PANEL ASSY | AA | 1 |
| R -10G | 233T3237-46 | | .PANEL ASSY | AY | 1 |
| R -10H | 233T3237-1030 | | .PANEL ASSY | AT | 1 |
| R -10J | 233T3237-1025 | | .PANEL ASSY | AU | 1 |
| R -10K | 233T3237-1032 | | .PANEL ASSY | AV | 1 |
| R -10L | 233T3237-1027 | | .PANEL ASSY | AW | 1 |
| R -10M | 233T3237-1041 | | .PANEL ASSY | AX | 1 |
| R -10N | 233T3237-47 | | .PANEL ASSY | AZ | 1 |
| 15 | 123-31 | | ..CLAMP- (V28277) (N122) | R,T-A A,A T-AZ | 1 |
| 20 | 800000121-1 | | ..CONNECTOR-PWR (V05617) (J3) | R,T-X ,AT-A W | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|---------------|-----------------|---------------------|---|----------------|--------------|
| R 02- -20A | 90-42301-1 | | ..CONNECTOR-PWR (V51074) (J3) | Y,AA, AX | 1 |
| R -20B | 800-000121-1 | | ..CONNECTOR-PWR (V05617) (J3) | Z,AY, AZ | 1 |
| 21 | 233T3237-39 | | DELETED | | |
| 22 | S231T290-5074 | | DELETED | | |
| -22A | 851-35100-5074 | | DELETED | | |
| -23 | 233T3237-40 | | DELETED | | |
| -24 | BCREFA0533 | | DELETED | | |
| 25 | S231T290-5074 | | ..SWITCH-LIGHTED PUSH BUTTON IND (S1, S3) (OPT ITEMS 25A, 25C) | T,V,W | 2 |
| -25A | BCREFA0533 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4074) (S1, S3) (SPEC S231T290-4074) (OPT ITEMS 25, 25C) | T,V,W | 2 |
| -25B | BCREFA0533 | | ..SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1004-4074) (S1, S3) (SPEC S231T290-4074) | R,U,X ,Y | 2 |
| -25C | 851-35100-5074 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S1, S3) (OPT ITEMS 25, 25A) | T,V,W | 2 |
| R -25D | 4336731004-4274 | | ..SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (S1, S3) | Z,AA, AY,AZ | 2 |
| R -25E | 4336731004-4274 | | ..SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (S1, S3) | AY | 2 |
| -25F | BCREFA0533 | | DELETED | | |
| -25G | 851-35100-5074 | | DELETED | | |
| -25H | 4336731004-4274 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------------|---------------------|---|------------------------|--------------|
| 02-26 | 233T3237-35 | | DELETED | | |
| 27 | S231T290-5019 | | DELETED | | |
| -27A | 851-35100-5019 | | DELETED | | |
| -28 | 233T3237-36 | | DELETED | | |
| -29 | BCREFA0834 | | DELETED | | |
| 30 | S231T290-5019 | | ..SWITCH-LIGHTED PUSH BUTTON IND (S2, S5) (OPT ITEMS 30A, 30C) | T,V,W | 2 |
| -30A | BCREFA0834 | | ..SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1004-4019) (S2, S5) (SPEC S231T290-4019) (OPT ITEMS 30, 30C) | T,V,W ,AT,A V,AW | 2 |
| -30B | BCREFA0834 | | ..SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (433-673-1004-4019) (S2, S5) (SPEC S231T290-4019) | R,U,X ,Y | 2 |
| -30C | 851-35100-5019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S2, S5) (OPT ITEMS 30, 30A) | T,V,W ,AT,A V,AW | 2 |
| R -30D | 4336731004-4219 | | ..SWITCH-LIGHTED PUSH BUTTON IND (VALVE) (V81590) (S2, S5) | Z,AA, AY,AZ | 2 |
| -30E | S231T290-5019 | | DELETED | | |
| -30F | BCREFA0834 | | DELETED | | |
| -30G | 851-35100-5019 | | DELETED | | |
| -30H | BCREFA0834 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-------------|---------------------|--|------------------------|--------------|
| 02-35 | 433-100-004 | | ..GUARD-LIGHTED PUSH BUTTON IND SWITCH (V81590) (SPEC S231T290-823) | R,T-A A,A T-AZ | 1 |
| 40 | BCREF6203 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1272) (L1, L2) (SPEC S231T300-1272) (OPT ITEM 40A) | T,V,W ,AT,A V,AW | 2 |
| -40A | BCREF8588 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) (OPT ITEM 40) | T,V,W ,AT,A V,AW | 2 |
| -40B | BCREF6203 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1272) (L1, L2) (SPEC S231T300-1272) (ITEM 40B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 40C) | R,U,X ,AU | 2 |
| -40C | BCREF8588 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) (ITEM 40B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 40C) | R,U,X ,AU | 2 |
| R -40D | BCREF8588 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) | Y-AA, AX-AZ | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|---|------------------------|--------------|
| 02-45 | BCREF6204 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1005-1273) (L3, L4) (SPEC S231T300-1273) (OPT ITEM 45A) | T,V,W ,AT,A V,AW | 2 |
| -45A | BCREF8589 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) (OPT ITEM 45) | T,V,W ,AT,A V,AW | 2 |
| -45B | BCREF6204 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1005-1273) (L3, L4) (SPEC S231T300-1273) (ITEM 45B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 45C) | R,U,X ,AU | 2 |
| -45C | BCREF8589 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) (ITEM 45B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 45C) | R,U,X ,AU | 2 |
| R -45D | BCREF8553 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2128) (L3, L4) (SPEC S231T300-2128) | Y,AA, AX | 2 |
| R -45E | BCREF8589 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) | Z,AY, AZ | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|---|------------------------|--------------|
| 02-50 | BCREF6330 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1286) (L7) (SPEC S231T300-1286) (OPT ITEM 50A) | T,V,W ,AT,A V,AW | 1 |
| -50A | BCREF8591 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) (OPT ITEM 50) | T,V,W ,AT,A V,AW | 1 |
| -50B | BCREF6330 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1286) (L7) (SPEC S231T300-1286) (ITEM 50B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 50C) | R,U,X ,AU | 1 |
| -50C | BCREF8591 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) (ITEM 50B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 50C) | R,U,X ,AU | 1 |
| R -50D | BCREF8591 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) | Y-AA, AX-AZ | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|-------------------------|--------------|
| 02-55 | BCREF8540 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2086) (L5, L6) (SPEC S231T300-2086) (OPT ITEM 55A) | R,U,X ,AU | 2 |
| -55A | BCREF6113 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1086) (L5, L6) (SPEC S231T300-1086) (OPT ITEM 55) | R,U,X ,AU | 2 |
| -55B | BCREF8540 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2086) (L5, L6) (SPEC S231T300-2086) | T,Y-A A,AT, AX-AZ | 2 |
| -55C | BCREF10635 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2338) (L5, L6) (SPEC S231T300-2338) | V,AV | 2 |
| -55D | BCREF6113 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1086) (L5, L6) (SPEC S231T300-1086) | W,AW | 2 |
| 56 | 233T3237-37 | | DELETED | | |
| 57 | S231T290-5030 | | DELETED | | |
| -57A | 851-35100-5030 | | DELETED | | |
| -58 | 233T3237-38 | | DELETED | | |
| -59 | BCREFA0513 | | DELETED | | |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------------|---------------------|---|----------------|--------------|
| R 02-60 | S231T290-5030 | | ..SWITCH-LIGHTED PUSH BUTTON IND (S4) (OPT ITEMS 60A, 60C) | T,V,W | 1 |
| -60A | BCREFA0513 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) (OPT ITEMS 60, 60C) | T,V,W | 1 |
| -60B | BCREFA0513 | | ..SWITCH-LIGHTED PUSH BUTTON IND (OFF) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) | R,U,X ,Y | 1 |
| -60C | 851-35100-5030 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S4) (OPT ITEMS 60, 60A) | T,V,W | 1 |
| R -60D | 4336731004-4230 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (S4) | Z,AA, AY,AZ | 1 |
| R -60E | S231T290-5030 | | ..SWITCH-LIGHTED PUSH BUTTON IND (S4) (OPT ITEMS 60F, 60G) | AT,AV ,AW | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|---------------|----------------|---------------------|--|--------------|--------------|
| R 02- -60F | BCREFA0513 | | ..SWITCH-LIGHTED PUSH BUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) (OPT ITEMS 60E, 60G) | AT,AV ,AW | 1 |
| R -60G | 851-35100-5030 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S4) (OPT ITEMS 60E, 60F) | AT,AV ,AW | 1 |
| R -60H | BCREFA0513 | | ..SWITCH-LIGHTED PUSH BUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) | AU,AX | 1 |
| 61 | 233T3237-34 | | DELETED | | |
| 62 | BCREFA0504 | | DELETED | | |
| -63 | 233T3237-33 | | DELETED | | |
| -64 | S231T290-5013 | | DELETED | | |
| -64A | 851-35100-5013 | | DELETED | | |
| 65 | BCREFA0504 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) (OPT ITEMS 65A, 65C) | T,V,W | 1 |
| R -65A | S231T290-5013 | | ..SWITCH-LIGHTED PUSH BUTTON IND (S6) (OPT ITEMS 65, 65C) | T,V,W | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------------|---------------------|--|----------------|--------------|
| 02- -65B | BCREFA0504 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) | R,U,X ,Y | 1 |
| -65C | 851-35100-5013 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S6) (OPT ITEMS 65, 65A) | AT,AV ,AW | 1 |
| R -65D | 4336731004-4213 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V81590) (S6) | Z,AA, AY,AZ | 1 |
| R -65E | BCREFA0504 | | ..SWITCH-LIGHTED PUSH BUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) (OPT ITEMS 65F, 65G) | AT,AV ,AW | 1 |
| R -65F | S231T290-5013 | | ..SWITCH-LIGHTED PUSH BUTTON IND (S6) (OPT ITEMS 6E, 65G) | AT,AV ,AW | 1 |
| R -65G | 851-35100-5013 | | ..SWITCH-LIGHTED PUSH BUTTON IND (V96182) (S6) (OPT ITEMS 65E, 65F) | AT,AV ,AW | 1 |
| R -65H | BCREFA0504 | | ..SWITCH-LIGHTED PUSH BUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) | AU,AX | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|--------------------------------|--------------|
| 02-70 | 233T3237-2 | | ..BASEPLATE ASSY | R,T-X Z,A T-AW, AY,AZ | 1 |
| R -70A | 233T3237-42 | | ..BASEPLATE ASSY | Y,AA, AX | 1 |
| 75 | NAS514P632-5 | | ATTACHING PARTS ..SCREW | R,T-X AT-A W | 3 |
| R -75A | FH6C5CPL12BN | | ..SCREW- (V12324) -----* | Y-AA, AX-AZ | 3 |
| 80 | SF6G6CBB5D | | ...NUT- (V12324) (SPEC BACN10PA06-6) | R,T-X Z,A T-AW, AY | 4 |
| R -80A | SF6G6CBB5D | | ...NUT- (V12324) | Y,AA, AX | 4 |
| 85 | DBMB1400-6A1 | | ...STUD ASSY- (V08524) (SPEC BACS21DD1B) | R,T-X Z,A T-AW, AY,AZ | 6 |
| R -85A | PFSC35-38ASEMB | | ...STUD- (V72794) (SPEC BACS21DX1B) | Y,AA, AX | 6 |
| 90 | BACP10U0637N | | ...PANEL | R,T-X Z,A T-AW, AY,AZ | 1 |
| R -90A | BACP10U0637NC | | ...PANEL | Y,AA, AX | 1 |
| 95 | NAS1801-06-5 | | ..SCREW | R,T-X AT-A W | 3 |
| R -95A | MS51957-27 | | ..SCREW | Y,AX | 3 |
| R -95B | BACS12CK06U5 | | ..SCREW | Z,AA | 3 |
| R -95C | BACS12HN06-5 | | ..SCREW- (OPT ITEM 95B) | AY | 3 |
| R -95D | NAS1801-06-5 | | ..SCREW- (OPT ITEM 95C) | AY | 3 |
| R -95E | BACS12HN06-5 | | ..SCREW- (OPT ITEM 95F) | AZ | 3 |
| R -95F | BACS12CK06U5 | | ..SCREW- (OPT ITEM 95E) | AZ | 3 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------------|---------------------|--|----------------------|--------------|
| 02-100 | MS35338-41 | | ..WASHER | R,T-X ,AT-A W | 3 |
| R -100A | MS36338-136 | | ..WASHER | Y,AX | 3 |
| R -100B | BACW10EC06C | | ..WASHER | Z,AA | 3 |
| R -100C | BACW10EC06CD | | ..WASHER- (OPT ITEM 100D) | AY,AZ | 3 |
| R -100D | BACW10EC06S | | ..WASHER- (OPT ITEM 100C) | AY,AZ | 3 |
| 105 | 69B46200-11 | | ..STANDOFF | R,T-A A,A T-AZ | 3 |
| 110 | NAS1801-04-5 | | ..SCREW | R,T-X ,AT-A W | 4 |
| R -110A | MS51957-14 | | ..SCREW | Y,AX | 4 |
| R -110B | BACS12CK04U5 | | ..SCREW | Z,AA | 4 |
| R -110C | BACS12HN04-5 | | ..SCREW- (OPT ITEM 100D) | AY | 4 |
| R -110D | NAS1801-04-5 | | ..SCREW- (OPT ITEM 100C) | AY | 4 |
| R -110E | BACS12HN04-5 | | ..SCREW- (OPT ITEM 100F) | AZ | 4 |
| R -110F | BACS12CK04U5 | | ..SCREW- (OPT ITEM 100E) | AZ | 4 |
| 115 | K19798-04 | | ..NUT- (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119)) | R,T-A A,A T-AZ | 4 |
| 120 | BACC45FN22-55P8 | | ..CONNECTOR- (J1) | R,T-A A,A T-AZ | 1 |
| 125 | BACC45FN22-55P9 | | ..CONNECTOR- (J2) | R,T-A A,A T-AZ | 1 |
| 130 | 233T6200-19 | | ..BRACKET-SPRT | R,T-A A,A T-AZ | 1 |
| -135 | 233T3237-8 | | ..WIRE BUNDLE ASSY- (PRE SB 233T3237-36-03) | T,AT, AY | 1 |

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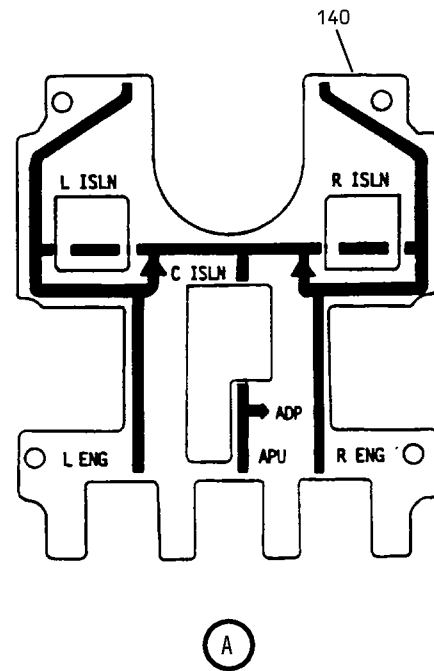
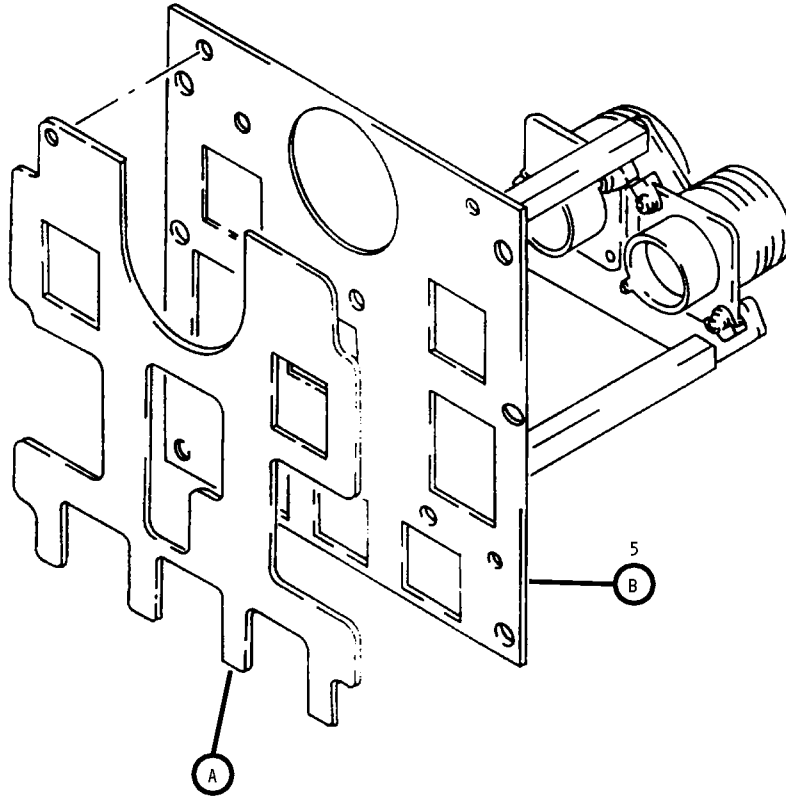
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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|--------------|----------------|---------------------|---|---------------------------------|--------------|
| 02- -135A | 233T3237-11 | | ..WIRE BUNDLE ASSY | V,W,Z ,AV,A W,AZ | 1 |
| -135B | 233T3237-11 | | ..WIRE BUNDLE ASSY- (POST SB 233T3237-36-03) | R,U,X ,AU | 1 |
| R -135C | 233T3237-43 | | ..WIRE BUNDLE ASSY | Y,AA, AX | 1 |
| R -140 | M39029-1-16-20 | | ...CONTACT-PIN (V95266) | R,T-X ,Z,A T-AW, AY,AZ | AR |
| -142 | M39029-1-16-20 | | DELETED | | |
| R -142A | M390291-101 | | ...CONTACT-PIN | Y,AA, AX | 88 |
| R 145 | NAS514P1032-10 | | ..SCREW | Y,AA, AX | 1 |
| R 150 | NAS1149D0463H | | ..WASHER | Y,AA, AX | 1 |
| R 155 | MS35650-305T | | ..NUT | Y,AA, AX | 1 |
| R 160 | MS21042L3 | | ..NUT | Y,AX | 1 |
| R -160A | BACN10JC3CD | | ..NUT | Z,AA | 1 |

- Item Not Illustrated

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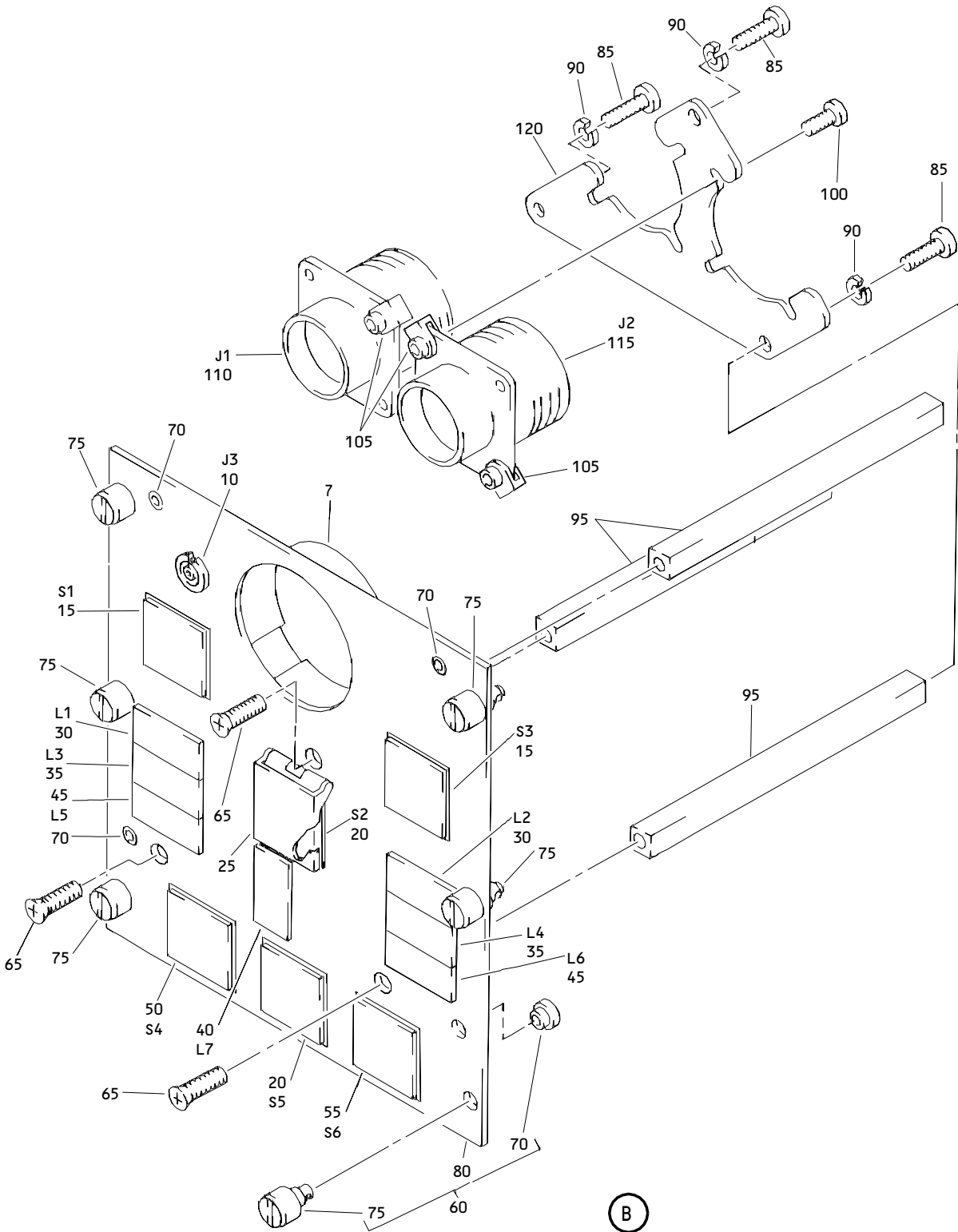
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Bleed Air Control Panel Assembly, M15
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Bleed Air Control Panel Assembly, M15
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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|--------------|---------------------|--|----------|--------------|
| 03- -1 | 233T3100-128 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BB | RF |
| -1A | 233T3100-129 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BC | RF |
| -1B | 233T3100-173 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BD | RF |
| -1C | 233T3100-223 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BE | RF |
| -1D | 233T3100-224 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BF | RF |
| -1E | 233T3100-228 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BG | RF |
| -1F | 233T3100-244 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BH | RF |
| -1G | 233T3100-245 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BJ | RF |
| -1H | 233T3100-266 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BK | RF |
| -1J | 233T3100-274 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BL | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|----------|--------------|
| 03- -1K | 233T3100-276 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BM | RF |
| -1L | 233T3100-291 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BN | RF |
| -1M | 233T3100-318 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BP | RF |
| -1N | 233T3100-319 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BQ | RF |
| -1P | 233T3100-333 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BR | RF |
| -1Q | 233T3100-335 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BS | RF |
| -1R | 233T3100-336 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BT | RF |
| -1S | 233T3100-343 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BU | RF |
| -1T | 233T3100-443 | | PANEL ASSY-M15 BLEED AIR CONT (PRE CSB 233T3237-36-04 R1) | BV | RF |
| -1U | 233T3237-1308 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | BW | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|----------|--------------|
| 03- -1V | 233T3237-1309 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | BX | RF |
| -1W | 233T3237-1310 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | BY | RF |
| -1X | 233T3237-1311 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | BZ | RF |
| -1Y | 233T3237-1312 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CC | RF |
| -1Z | 233T3237-1313 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CD | RF |
| -2 | 233T3237-1314 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CE | RF |
| -2A | 233T3237-1315 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CF | RF |
| -2B | 233T3237-1316 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CG | RF |
| -2C | 233T3237-1317 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CH | RF |
| -2D | 233T3237-1318 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CJ | RF |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|----------|--------------|
| 03- -2E | 233T3237-1319 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CK | RF |
| -2F | 233T3237-1320 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CL | RF |
| -2G | 233T3237-1321 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CM | RF |
| -2H | 233T3237-1322 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CN | RF |
| -2J | 233T3237-1323 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CP | RF |
| -2K | 233T3237-1324 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CQ | RF |
| -2L | 233T3237-1325 | | PANEL ASSY-M15 BLEED AIR CONT (POST CSB 233T3237-36-04 R1) | CR | RF |
| 5 | 233T3237-5 | | .PANEL ASSY | BB | 1 |
| -5A | 233T3237-7 | | .PANEL ASSY (LIMITED) | BC | 1 |
| -5B | 233T3237-10 | | .PANEL ASSY (LIMITED) | BC | 1 |
| -5C | 233T3237-10 | | .PANEL ASSY | BD | 1 |
| -5D | 233T3237-13 | | .PANEL ASSY (LIMITED) | BE | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|--------------------------|-------------|--------------|
| 03- | | | | | |
| -5E | 233T3237-14 | | .PANEL ASSY (LIMITED) | BE | 1 |
| -5F | 233T3237-14 | | .PANEL ASSY | BF,BG | 1 |
| -5G | 233T3237-15 | | .PANEL ASSY | BH | 1 |
| -5H | 233T3237-16 | | .PANEL ASSY (LIMITED) | BC | 1 |
| -5J | 233T3237-16 | | .PANEL ASSY | BJ | 1 |
| -5K | 233T3237-17 | | .PANEL ASSY | BK,BT | 1 |
| -5L | 233T3237-18 | | .PANEL ASSY | BL | 1 |
| -5M | 233T3237-19 | | .PANEL ASSY | BN | 1 |
| -5N | 233T3237-21 | | .PANEL ASSY | BP,BR | 1 |
| -5P | 233T3237-24 | | .PANEL ASSY | BM | 1 |
| -5Q | 233T3237-25 | | .PANEL ASSY | BU | 1 |
| -5R | 233T3237-27 | | .PANEL ASSY | BQ | 1 |
| -5S | 233T3237-30 | | .PANEL ASSY | BS | 1 |
| -5T | 233T3237-32 | | .PANEL ASSY | BV | 1 |
| -5U | 233T3237-1005 | | .PANEL ASSY | BW | 1 |
| -5V | 233T3237-1007 | | .PANEL ASSY | BX | 1 |
| -5W | 233T3237-1010 | | .PANEL ASSY | BY,CP | 1 |
| -5X | 233T3237-1013 | | .PANEL ASSY | BZ | 1 |
| -5Y | 233T3237-1014 | | .PANEL ASSY | CC,CD CQ | 1 |
| -5Z | 233T3237-1015 | | .PANEL ASSY | CE | 1 |
| -6 | 233T3237-1016 | | .PANEL ASSY | CF,CR | 1 |
| -6A | 233T3237-1017 | | .PANEL ASSY | CG | 1 |
| -6B | 233T3237-1018 | | .PANEL ASSY | CJ | 1 |
| -6C | 233T3237-1019 | | .PANEL ASSY | CK | 1 |
| -6D | 233T3237-1021 | | .PANEL ASSY | CL | 1 |
| -6E | 233T3237-1024 | | .PANEL ASSY | CN | 1 |
| 7 | 123-31 | | . . CLAMP (V28277) | | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|--------------------------------|--------------|
| 03-10 | 800000121-1 | | ..CONNECTOR-PWR (V05617) (J3) | | 1 |
| 15 | 851-30768-2074 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S1, S3) (SPEC S231T290-2074) | BB,BD BW-BY CP | 2 |
| -15A | 851-30768-2074 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S1, S3) (SPEC S231T290-2074) (LIMITED) | BC | 2 |
| -15B | 851-30768-3074 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S1, S3) (SPEC S231T290-3074) (OPT ITEM 15C) | BE-BL BT, BZ-CJ CQ,CR | 2 |
| -15C | BCREF7686 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1001-1074) (S1, S3) (SPEC S231T290-1074) (OPT ITEM 15B) | BE-BL BT, BZ-CJ CQ,CR | 2 |
| -15D | 851-30768-3074 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S1, S3) (SPEC S231T290-3074) (OPT ITEM 15E) (LIMITED) | BC | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|------------------------------|--------------|
| 03- -15E | BCREF7686 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1001-1074) (S1, S3) (SPEC S231T290-1074) (LIMITED) (OPT ITEM 15D) | BC | 2 |
| -15F | S231T290-5074 | | ..SWITCH-LIGHTED PUSHBUTTON IND (S1, S3) (OPT ITEMS 15H, 15J) | BM, BP-BS BV, CL-CN | 2 |
| -15G | BCREFA0533 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1004-4074) (S1, S3) (SPEC S231T290-4074) | BN,BU CK | 2 |
| -15H | BCREFA0533 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (433-673-1004-4074) (S1, S3) (SPEC S231T290-4074) (OPT ITEMS 15F, 15J) | BM, BP-BS BV, CL-CN | 2 |
| -15J | 851-35100-5074 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S1, S3) (OPT ITEMS 15F, 15H) | BM, BP-BS BV, CL-CN | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|--------------------------------|--------------|
| 03-20 | 851-30768-2019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S2, S5) (SPEC S231T290-2019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) | BB,BD BW-BY CP | 2 |
| -20A | 851-30768-2019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S2, S5) (SPEC S231T290-2019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) | BC | 2 |
| -20B | 851-30768-3019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S2, S5) (SPEC S231T290-3019) (OPT ITEM 20C) | BE-BL BT, BZ-CJ CQ,CR | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|--------------------------------|--------------|
| 03- -20C | BCREF7685 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1001-1019) (S2, S5) (SPEC S231T290-1019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) (USE WITH CONFIGURATION (OPT ITEM 20B) | BE-BL BT, BZ-CJ CQ-CR | 2 |
| -20D | 851-30768-3019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V96182) (S2, S5) (SPEC S231T290-3019) (OPT ITEM 20E) (LIMITED) | BC | 2 |
| -20E | BCREF7685 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1001-1019) (S2, S5) (SPEC S231T290-1019) (851-30768-2019) TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) (USE WITH CONFIGURATION (OPT ITEM 20D) (LIMITED) | BC | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|---|------------------------------|--------------|
| 03- -20F | S231T290-5019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (S2, S5) (851-30768-2019 TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) (OPT ITEMS 20H, 20J) | BM, BP-BS BV, CL-CN | 2 |
| -20G | BCREFA0834 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1004-4019) (S2, S5) (SPEC S231T290-4019) (851-30768-2019 TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) | BN,BU CK | 2 |
| -20H | BCREFA0834 | | ..SWITCH-LIGHTED PUSHBUTTON IND (VALVE) (V81590) (433-673-1004-4019) (S2, S5) (SPEC S231T290-4019) (851-30768-2019 TOGETHER WITH 851-30768-803 OR -813 SWITCHGUARD I/W BCREF7685 BCREFA0834 OR S231T290-5019 TOGETHER WITH 433-100-004 SWITCHGUARD) (OPT ITEMS 20F, 20J) | BM, BP-BS BV, CL-CN | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|--------------------------------|--------------|
| 03- -20J | 851-35100-5019 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S2, S5) (OPT ITEMS 20F, 20H) | BM, BP-BS BV, CL-CN | 2 |
| 25 | 851-30768-813 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V96182) (SPEC S231T290-813) (OPT ITEMS 25A, 25B) (USED WITH ITEM 20) | BB,BD BW-BY CP | 1 |
| -25A | 851-30768-803 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V96182) (SPEC S231T290-803) (OPT ITEMS 25, 25B) (USED WITH ITEM 20) | BB,BD BW-BY CP | 1 |
| -25B | 433-100-004 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V81590) (SPEC S231T290-823) (OPT ITEMS 25, 25A) (USED WITH ITEM 20) | BB,BD BW-BY CP | 1 |
| -25C | 433-100-004 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V81590) (SPEC S231T290-823) (USED WITH ITEM 20C) | BE-BK BT, BZ-CH CQ,CR | 1 |
| -25D | 433-100-004 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V81590) (S2) (SPEC S231T290-823) | BL-BS BU,BV CJ-CN | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|---------------|---------------------|--|----------------|--------------|
| 03- -25E | 851-30768-813 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V96182) (SPEC S231T290-813) (OPT ITEMS 25F, 25G) (USED WITH ITEM 20A) (LIMITED) | BC | 1 |
| -25F | 851-30768-803 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V96182) (SPEC S231T290-803) (OPT ITEMS 25E, 25G) (USED WITH ITEM 20A) (LIMITED) | BC | 1 |
| -25G | 433-100-004 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V81590) (SPEC S231T290-823) (OPT ITEMS 25E, 25F) (USED WITH ITEM 20A) (LIMITED) | BC | 1 |
| -25H | 433-100-004 | | ..GUARD-LIGHTED PUSHBUTTON IND SWITCH (V81590) (SPEC S231T290-823) (USED WITH ITEM 20D) (LIMITED) | BC | 1 |
| 30 | BCREF6203 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1272) (L1, L2) (SPEC S231T300-1272) (OPT ITEM 30A) | BB-BT BV-CR | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|--|----------------|--------------|
| 03- -30A | BCREF8588 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) (OPT ITEM 30) | BB-BT BV-CR | 2 |
| -30B | BCREF6203 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1272) (L1, L2) (SPEC S231T300-1272) (ITEM 30B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 30C) | BU | 2 |
| -30C | BCREF8588 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2272) (L1, L2) (SPEC S231T300-2272) (ITEM 30B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 30C) | BU | 2 |
| 35 | BCREF6204 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1005-1273) (L3, L4) (SPEC S231T300-1273) (OPT ITEM 35A) | BB-BT BV-CR | 2 |
| -35A | BCREF8589 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) (OPT ITEM 35) | BB-BT BV-CR | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|--|----------------|--------------|
| 03- -35B | BCREF6204 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1005-1273) (L3, L4) (SPEC S231T300-1273) (ITEM 35B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 35C) | BU | 2 |
| -35C | BCREF8589 | | ..LIGHT ASSY-BLEED IND (V81590) (434-674-1031-2273) (L3, L4) (SPEC S231T300-2273) (ITEM 35B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 35C) | BU | 2 |
| 40 | BCREF6330 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1286) (L7) (SPEC S231T300-1286) (OPT ITEM 40A) | BB-BT BV-CR | 1 |
| -40A | BCREF8591 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) (OPT ITEM 40) | BB-BT BV-CR | 1 |
| -40B | BCREF6330 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1005-1286) (L7) (SPEC S231T300-1286) (ITEM 40B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 40C) | BU | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------|---------------------|---|--|--------------|
| 03- -40C | BCREF8591 | | ..LIGHT ASSY-DUCT LEAK IND (V81590) (434-674-1031-2286) (L7) (SPEC S231T300-2286) (ITEM 40B WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 40C) | BU | 1 |
| 45 | BCREF6197 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1051) (L5, L6) (SPEC S231T300-1051) (OPT ITEM 45A) | BB-BJ BM, BP BR, BW-CF CL, CM CP-CR | 2 |
| -45A | BCREF8534 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2051) (L5, L6) (SPEC S231T300-2051) (OPT ITEM 45) | BB-BJ BM, BP BR, BW-CF CL, CM CP-CR | 2 |
| -45B | BCREF8540 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2086) (L5, L6) (SPEC S231T300-2086) (ITEM 45F WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 45B) | BU | 2 |
| -45C | BCREF6113 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1086) (L5, L6) (SPEC S231T300-1086) | BK, BQ BT, CG-CJ | 2 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|----------------------|--------------|
| 03- -45D | BCREF8540 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2086) (L5, L6) (SPEC S231T300-2086) | BS | 2 |
| -45E | BCREF10635 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1031-2338) (L5, L6) (SPEC S231T300-2338) | BV | 2 |
| -45F | BCREF6113 | | ..LIGHT ASSY-HI STAGE IND (V81590) (434-674-1005-1086) (L5, L6) (SPEC S231T300-1086) (ITEM 45F WITH WHITE DOT IDENTIFIER ON CAP ASSY IS OPT TO ITEM 45B) | BU | 2 |
| 50 | 851-30768-2030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-2030) | BB,BD BW-BY CP | 1 |
| -50A | 851-30768-2030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-2030) (LIMITED) | BC | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|----------------------|--------------|
| 03- -50B | 851-30768-3030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-3030) (OPT ITEM 50C) | BE-BL BT | 1 |
| -50C | BCREF7614 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V81590) (433-673-1001-1030) (S4) (SPEC S231T290-1030) (OPT ITEM 50B) | BE-BL BT | 1 |
| -50D | 851-30768-3030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-3030) (OPT ITEM 50E) (LIMITED) | BC | 1 |
| -50E | BCREF7614 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V81590) (433-673-1001-1030) (S4) (SPEC S231T290-1030) (OPT ITEM 50D) (LIMITED) | BC | 1 |
| -50F | S231T290-5030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (S4) (OPT ITEMS 50H, 50J) | BM,BJ BP-BS BV | 1 |
| -50G | BCREFA0513 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) | BN,BU | 1 |
| -50H | BCREFA0513 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) (OPT ITEMS 50F, 50J) | BM,BJ BP-BS BV | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------------|----------------|---------------------------|---|----------------------|--------------------|
| 03- -50J | 851-35100-5030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S4) (OPT ITEMS 50F, 50H) | BM,BJ BP-BS BV | 1 |
| -50K | 851-30768-3030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S4) (SPEC S231T290-3030) (OPT ITEM 50L) | BZ-CJ CQ,CR | 1 |
| -50L | BCREF7614 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1001-1030) (S4) (SPEC S231T290-1030) (OPT ITEM 50K) | BZ-CJ CQ,CR | 1 |
| -50M | S231T290-5030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (S4) (OPT ITEMS 50N, 50P) | CL-CN | 1 |
| -50N | BCREFA0513 | | ..SWITCH-LIGHTED PUSHBUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) (OPT ITEMS 50M, 50P) | CL-CN | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|----------|--------------|
| 03- -50P | 851-35100-5030 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V96182) (S4) (OPT ITEMS 50N, 50M) | CL-CN | 1 |
| -50Q | BCREFA0513 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4030) (S4) (SPEC S231T290-4030) | CK | 1 |
| 55 | 851-30768-2013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-2013) (OPT ITEM 55C) (LIMITED) | BC | 1 |
| -55A | 851-30768-3013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-3013) (OPT ITEM 55B) | BE-BL | 1 |
| -55B | BCREF7605 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55A) | BE-BL | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|--|----------------------|--------------|
| 03- -55C | BCREF7605 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55) (LIMITED) | BC | 1 |
| -55D | 851-30768-2013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-2013) | BB,BD BW,BY CP | 1 |
| -55E | 851-30768-3013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-3013) (OPT ITEM 55F) (LIMITED) | BC | 1 |
| -55F | BCREF7605 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55E) (LIMITED) | BC | 1 |
| -55G | BCREFA0504 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) (OPT ITEMS 55H, 55K) | BB,BD BW,BY CP | 1 |
| -55H | S231T290-5013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (S6) (OPT ITEMS 55G, 55K) | BB,BD BW,BY CP | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|--------------------|--------------|
| 03- -55J | BCREFA0504 | | ..SWITCH-LIGHTED PUSHBUTTON IND (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) | BN,BU | 1 |
| -55K | 851-35100-5013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (96182) (S6) (OPT ITEMS 55G, 55H) | BM, BP-BS BV | 1 |
| -55L | 851-30768-2013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-2013) (OPT ITEM 55M) | BX | 1 |
| -55M | BCREF7605 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55L) | BX | 1 |
| -55N | 851-30768-3013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (V96182) (S6) (SPEC S231T290-3013) (OPT ITEM 55P) | BZ-CJ CQ,CR | 1 |
| -55P | BCREF7605 | | ..SWITCH-LIGHTED PUSHBUTTON IND (OFF) (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1001-1013) (S6) (SPEC S231T290-1013) (OPT ITEM 55N) | BZ-CJ CQ,CR | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|----------------|---------------------|---|----------|--------------|
| 03- -55Q | BCREFA0504 | | ..SWITCH-LIGHTED PUSHBUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) (OPT ITEMS 55R, 55S) | CL-CN | 1 |
| -55R | S231T290-5013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (S6) (OPT ITEMS 55Q, 55S) | CL-CN | 1 |
| -55S | 851-35100-5013 | | ..SWITCH-LIGHTED PUSHBUTTON IND (96182) (S6) (OPT ITEMS 55Q, 55R) | CL-CN | 1 |
| -55T | BCREFA0504 | | ..SWITCH-LIGHTED PUSHBUTTON IND (USE WITH CONFIGURATION "D" MASTER MODULE. SEE REPAIR FOR ADDITIONAL INFORMATION) (V81590) (433-673-1004-4013) (S6) (SPEC S231T290-4013) | CK | 1 |
| 60 | 233T3237-2 | | ..BASEPLATE ASSY ATTACHING PARTS | | 1 |
| 65 | NAS514P632-5 | | ..SCREW -----*----- | | 3 |
| 70 | SF6G6CBB5D | | ...NUT (V12324) (SPEC BACN10PA06-6) | | 4 |
| 75 | DBMB1400-6A1 | | ...STUD ASSY (V08524) (SPEC BACS21DD1B) | | 6 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|-------------|-----------------|---------------------|---|--|--------------|
| 03- | | | | | |
| 80 | BACP10U0637N | | ...PANEL | | 1 |
| 85 | NAS1801-06-5 | | ..SCREW | | 3 |
| 90 | MS35338-41 | | ..WASHER | | 3 |
| 95 | 69B46200-11 | | ..STANDOFF | | 3 |
| 100 | NAS1801-04-5 | | ..SCREW | | 4 |
| 105 | K19798-04 | | ..NUT (V15653) (SPEC BACN10NW1) (OPT RMA4812-160-40 (V72962)) (OPT 293162 (V60119)) | | 4 |
| 110 | BACC45FN22-55P8 | | ..CONNECTOR (J1) | | 1 |
| 115 | BACC45FN22-55P9 | | ..CONNECTOR (J2) | | 1 |
| 120 | 233T6200-19 | | ..BRACKET-SPRT | | 1 |
| -125 | 233T3237-6 | | ..WIRE BUNDLE ASSY | BB,BW | 1 |
| -125A | 233T3237-8 | | ..WIRE BUNDLE ASSY | BE,BH BL,BM BX,BZ CE,CJ CN | 1 |
| -125B | 233T3237-11 | | ..WIRE BUNDLE ASSY | BD,BF BG,BJ BK,BN BP-BR BT,BV BY,CC CD, CF-CH CK,CL CQ,CR | 1 |

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| FIG. & ITEM | PART NO. | AIRLINE PART NUMBER | NOMENCLATURE 1234567 | EFF CODE | QTY PER ASSY |
|--------------|----------------|---------------------|--|--|--------------|
| 03- -125C | 233T3237-8 | | ..WIRE BUNDLE ASSY- (PRE SB 233T3237-36-03) | BS | 1 |
| -125D | 233T3237-11 | | ..WIRE BUNDLE ASSY- (POST SB 233T3237-36-03) | BU | 1 |
| -125E | 233T3237-8 | | ..WIRE BUNDLE (233T3100-129 MADE WITH 233T3237-7 AND 233T3100-223 MADE WITH 233T3237-13) | BC, BE | 1 |
| -125F | 233T3237-11 | | ..WIRE BUNDLE (233T3100-129 MADE WITH 233T3237-10 OR -16 AND 233T3100-223 MADE WITH 233T3237-14) | BC, BE | 1 |
| -130 | M39029-1-16-20 | | ...CONTACT-PIN (V95266) | | AR |
| -135 | SEDLOC9A | | .DUCK PRESSURE INDICATOR (V61349) (N122) (SPEC S231T245-2) | BB-BF BH, BJ BM-BP BT, BW-CC CE, CF CH, CK CL, CN-CR | 1 |
| -135A | SEDLOC9B | | .DUCK PRESSURE INDICATOR (V61349) (N122) (SPEC S231T245-3) | BG, BK BL, BQ BS, BU BV, CD CG, CJ CM | 1 |
| -140 | 800-000906 | | .LIGHTPLATE (V05617) (SPEC S233T100-1051) (OPT S233T100-1051 (V51896) | | 1 |

- Item Not Illustrated

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