

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF ATTENDANT HANDSET CRADLE ASSEMBLY COMPONENT MAINTENANCE
MANUAL 23-42-04

REVISION NO. 1 DATED JUL 01/02

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 assembly 476W2220-9SP and associated components.

1

1002,1004,1009-1010

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HIGHLIGHTS

01.1

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ATTENDANT HANDSET CRADLE ASSEMBLY

PART NUMBERS 476W2220-2,-9

(SP SUFFIX ON EACH DASH NUMBER)

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

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TITLE PAGE

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01.1



REVISION RECORD

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

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

23-42-04

REVISION RECORD

01

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Mar 01/00

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL

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TR & SB RECORD

01

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BOEING
 COMPONENT
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PAGE	DATE	CODE	PAGE	DATE	CODE
23-42-04			ILLUSTRATED PARTS LIST		CONT.
TITLE PAGE			*1004	JUL 01/02	01.1
*1	JUL 01/02	01.1	1005	BLANK	
2	BLANK		1006	MAR 01/00	01
REVISION RECORD			1007	MAR 01/00	01
1	MAR 01/00	01	1008	MAR 01/00	01
2	BLANK		*1009	JUL 01/02	01.1
TR & SB RECORD			*1010	JUL 01/02	01.1
1	MAR 01/00	01			
2	BLANK				
LIST OF EFFECTIVE PAGES					
*1	JUL 01/02	01			
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CONTENTS					
1	MAR 01/00	01			
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INTRODUCTION					
1	MAR 01/00	01			
2	BLANK				
DESCRIPTION & OPERATION					
1	MAR 01/00	01			
2	BLANK				
TESTING & FAULT ISOLATION					
101	MAR 01/00	01			
102	BLANK				
REPAIR-GENERAL					
601	MAR 01/00	01			
602	BLANK				
ILLUSTRATED PARTS LIST					
1001	MAR 01/00	01			
*1002	JUL 01/02	01.1			
1003	MAR 01/00	01			

* = REVISED, ADDED OR DELETED

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Cleaning.*[1]
Check*[1]
Repair.*[1]
Assembly.*[1]
Fits and Clearances (not applicable)	
Special Tools*[2]
Illustrated Parts List.	1001

*[1] Use applicable procedures in 20-11-04 and standard industry practices.
 *[2] Special instructions not required.



INTRODUCTION

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

This manual is divided into separate sections:

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

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

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

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

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

Verification:

Testing/TS

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INTRODUCTION

01

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ATTENDANT HANDSET CRADLE ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

- A. The attendant handset cradle assembly retains a attendant handset when the handset is not in use and consists of a main housing assembly, a retainer assembly, a magnet, and a backplate assembly.

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DESCRIPTION & OPERATION

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TESTING AND FAULT ISOLATION

1. Functional Test

- A. This assembly is not installed with the switches and associated wires, and a functional test is not required for the assembly.

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TESTING & FAULT ISOLATION

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GENERAL – REPAIR

1. All repair can be accomplished with standard industry practices and procedures contained in SOPM 20-11-04 except as follows:
 - A. When you replace the spring used on the backplate assembly (Item 50, Fig. 1), use the P/N MS24585-C241 spring (Item 65A, Fig. 1) which is lighter.

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REPAIR-GENERAL

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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 part is the same.

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

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

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

6. Parts Interchangeability

Optional
(OPT)

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

Supersedes, Superseded By
(SUPSDS, SUPSD BY)

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

Replaces, Replaced By
(REPLS, REPLD BY)

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

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7. Use substitute parts only as specified in the document, D906-10182, Electrical/Electronic/Electromechanical and Mechanical Parts Substitution Document.
8. Color-Coded Parts
- A. Color-coded parts are identified with an alpha "SP" suffix. This entry represents consolidation of all color codes applicable for a given usage. Orders for color-coded parts should include the registry number of the airplane for which the parts are ordered.
- B. The following table shows the color-coded parts covered in this CMM. Use the table as a reference only:

CRADLE P/N	COLOR	BACKPLATE ASSY	MAIN HOUSING ASSY	RETAINER	PLUG
476W2220-2G	Pepperdust	476W2220-6G, 476W2220-6K	476W2221-1G	476W2221-3G	476W2221-9G
476W2220-2H	Gray	476W2220-6H, 476W2220-6K	476W2221-1H	476W2221-3H	476W2221-9H
476W2220-2K	Gray	476W2220-6K	476W2221-1K	476W2221-3K	476W2221-9K
476W2220-2L	Gray	476W2220-6K, 476W2220-6L	476W2221-1L	476W2221-3L	476W2221-9L
476W2220-9G	Pepperdust	476W2220-10G	476W2221-1G	476W2221-12G	476W2221-9G
476W2220-9H	Blue Gray	476W2220-10H	476W2221-1H	476W2221-12H	476W2221-9H
476W2220-9N	Gray	476W2220-10N	476W2221-1K	476W2221-12N	476W2221-9K

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VENDORS

2S283 PSM FASTENER CORP
7 INDUSTRIAL ROAD
FAIRFIELD, NEW JERSEY 07004

26344 NEW HAVEN MFG CORP
446 BLAKE STREET
NEW HAVEN, CONNECTICUT 06515-1238

28406 VAUPELL INDUSTRIAL PLASTICS, INCORPORATED
1144 NORTHWEST 53RD STREET
SEATTLE, WASHINGTON 98107-3735

33692 CODE-A-PHONE CORP SUB OF CONRAC CORP
16261 SE 130TH AVENUE
CLACKAMAS, OREGON 97015-8902

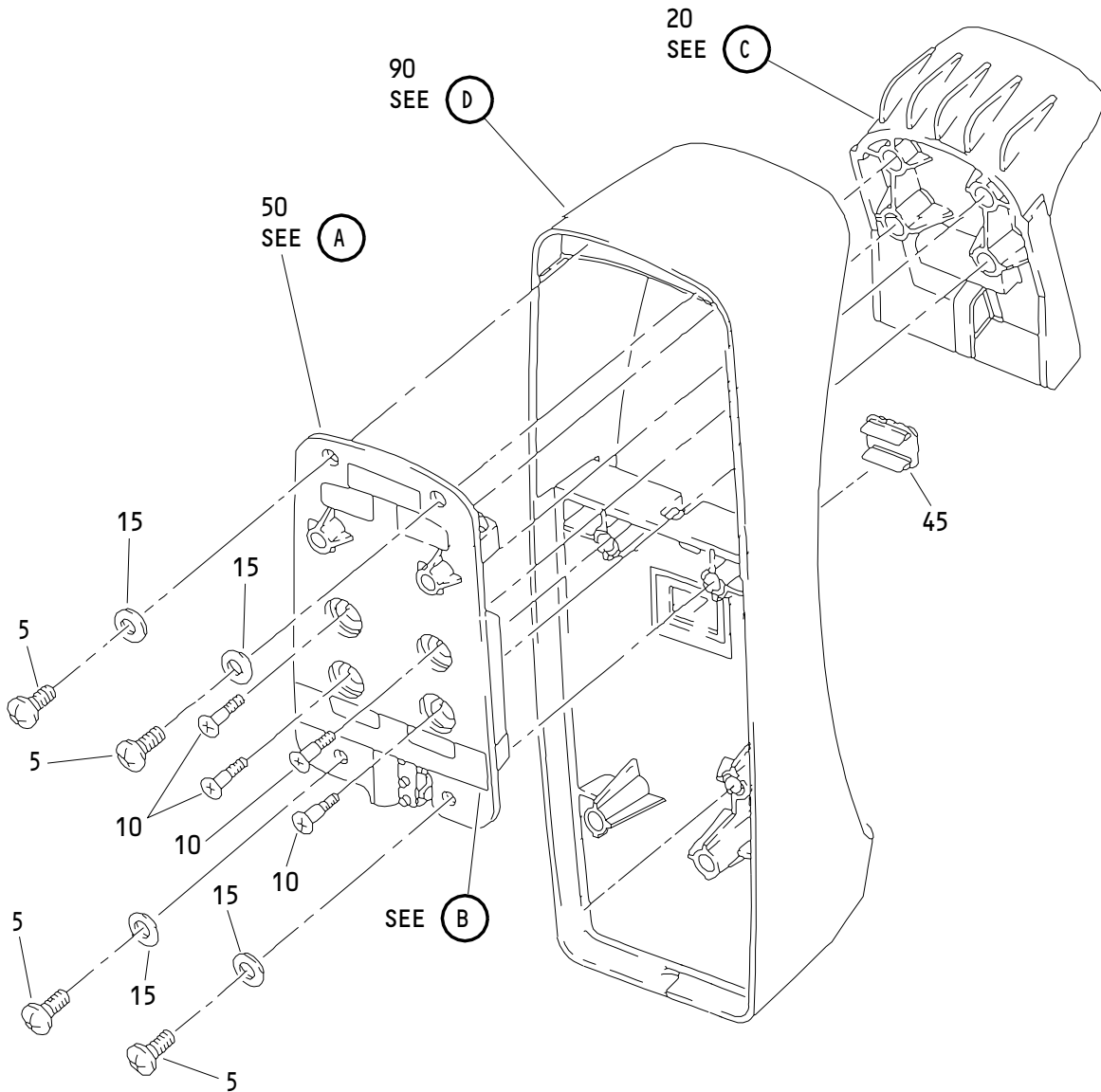
91929 HONEYWELL INC MICRO SWITCH DIV
11 WEST SPRING STREET
FREEPORT, ILLINOIS 61032

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACB30LH3PU4		1	10	4
BACB30LK3U2		1	5	4
BAC29PPS21671		1	130	1
		1	140	1
MS24585C241		1	65A	1
		1	65B	1
MS24585C255		1	65	1
NAS1149C0332R		1	15	4
VIPX100		1	35	1
461032X225		1	25	2
		1	115	1
476W2220-10SP		1	50A	1
476W2220-2SP		1	1	RF
476W2220-6SP		1	50	1
476W2220-9SP		1	1A	RF
476W2221-1SP		1	90	1
476W2221-10SP		1	105	1
476W2221-11SP		1	95	1
476W2221-12SP		1	20A	1
476W2221-13SP		1	40A	1
476W2221-2SP		1	135	1
476W2221-3SP		1	20	1
476W2221-4SP		1	40	1
476W2221-5SP		1	75	1
476W2221-6SP		1	85	1
476W2221-7SP		1	110	1
476W2221-8SP		1	125	1
476W2221-9SP		1	45	1
476W2222-2		1	55	3
476W2222-3		1	60	2
476W2222-4		1	70	1
6035-3BRX225		1	80	3
6041-3BRX375		1	30	2
		1	100	2
		1	120	2

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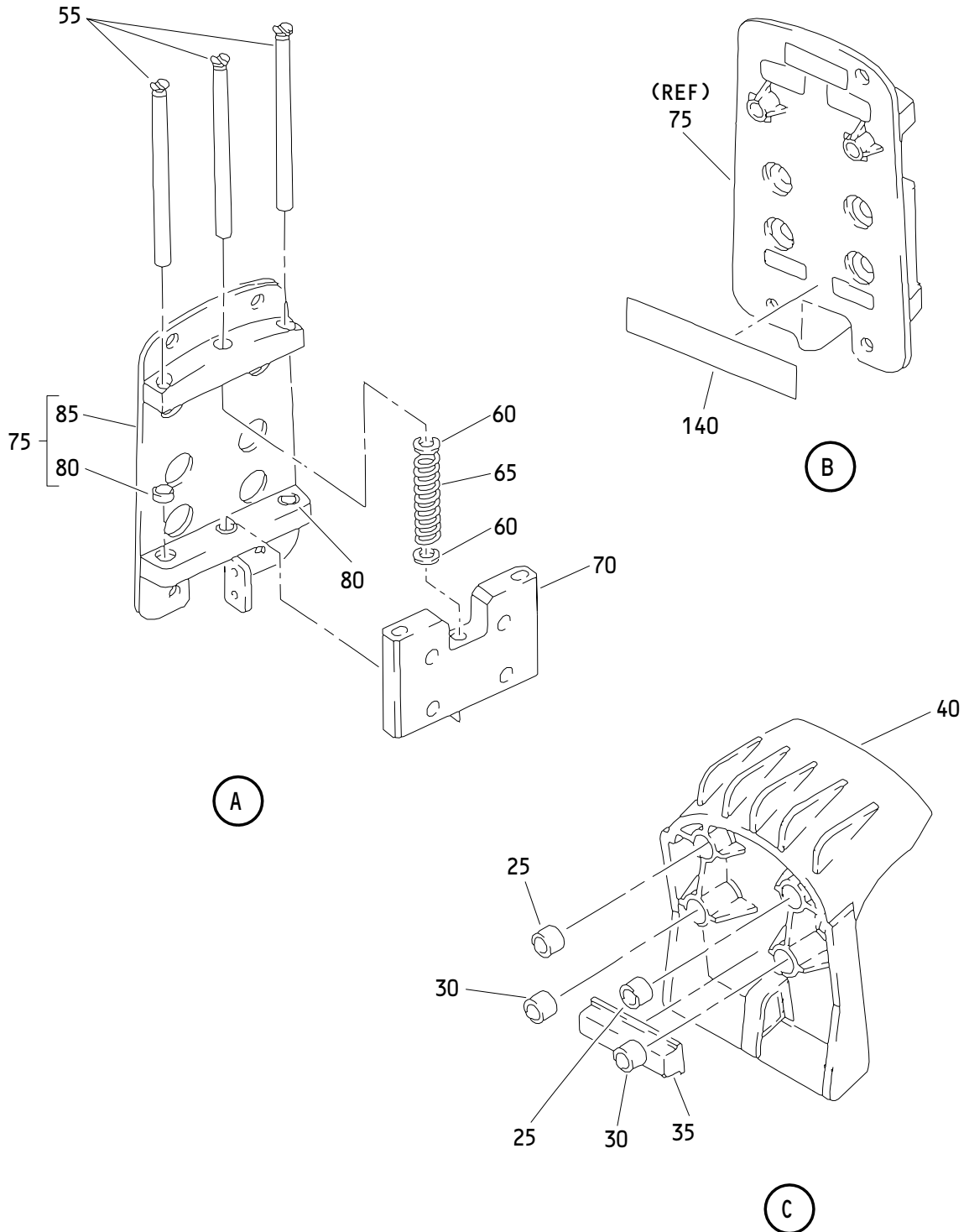
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Attendant Handset Cradle Assembly
 Figure 1 (Sheet 1)

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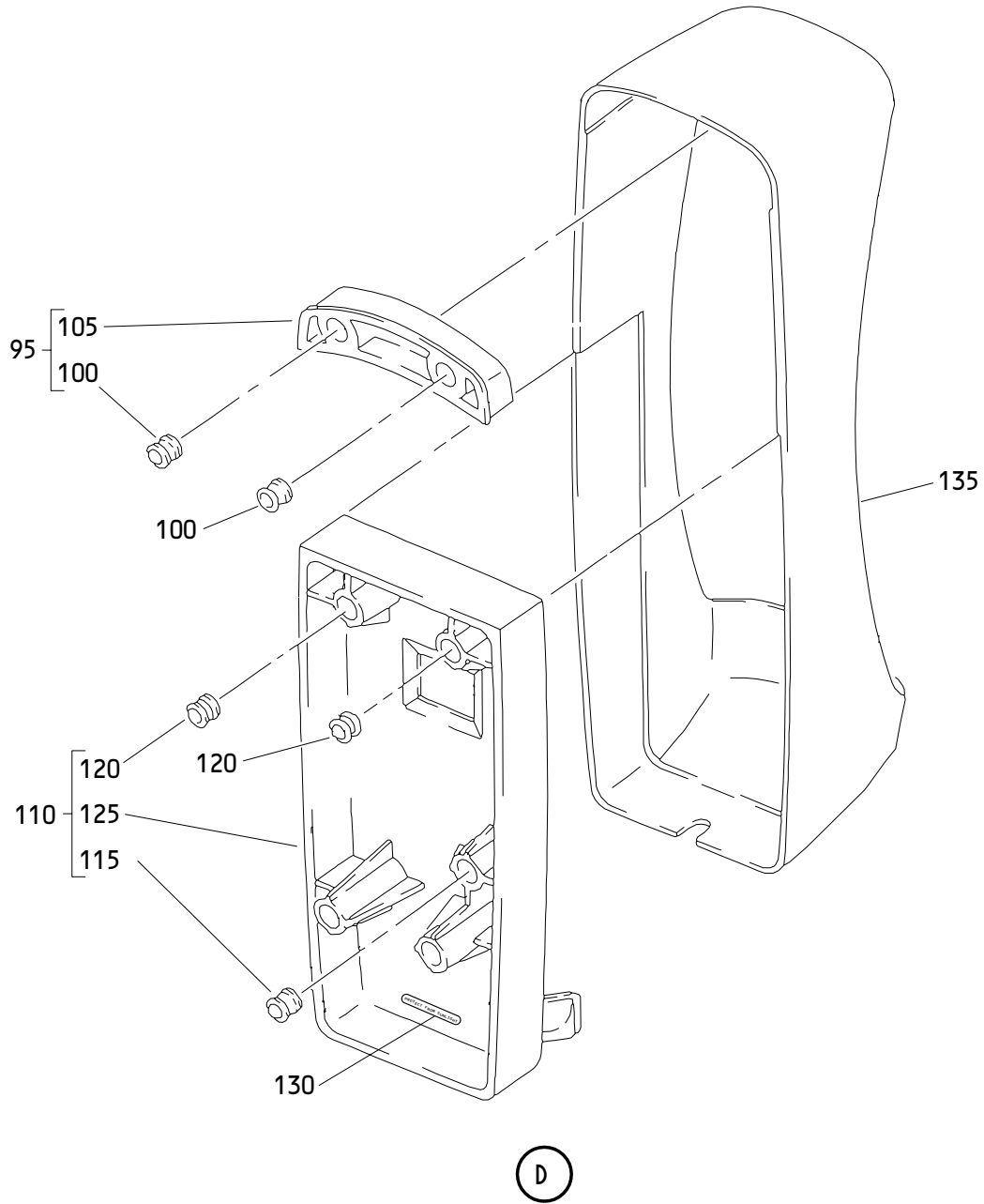
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Attendant Handset Cradle Assembly
Figure 1 (Sheet 2)

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Attendant Handset Cradle Assembly
Figure 1 (Sheet 3)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-1	476W2220-2SP		CRADLE ASSY-ATTENDANT HANDSET	A	RF
-1A	476W2220-9SP		CRADLE ASSY-ATTENDANT HANDSET	B	RF
5	BACB30LK3U2		.BOLT		4
10	BACB30LH3PU4		.BOLT		4
15	NAS1149C0332R		.WASHER		4
20	476W2221-3SP		.RETAINER ASSY	A	1
-20A	476W2221-12SP		.RETAINER ASSY	B	1
25	461032X225		..ULTRASERT (V2S283)		2
30	6041-3BRX375		..ULTRASERT II (V26344)		2
35	VIPX100		..MAGNET (V28406)		1
40	476W2221-4SP		..RETAINER	A	1
-40A	476W2221-13SP		..RETAINER	B	1
45	476W2221-9SP		.PLUG-DECRATIVE		1
50	476W2220-6SP		.BACKPLATE ASSY	A	1
-50A	476W2220-10SP		.BACKPLATE ASSY	B	1
55	476W2222-2		..ROD-CRADLE RETENTION		3
60	476W2222-3		..WASHER		2
65	MS24585C255		..SPRING (SUPSD BY ITEM 65A) (SEE REPAIR)	A	1
-65A	MS24585C241		..SPRING (SUPSDS ITEM 65) (SEE REPAIR)	A	1
-65B	MS24585C241		..SPRING	B	1
70	476W2222-4		..PLATE-CRADLE TRAVEL		1
75	476W2221-5SP		..PLATE ASSY		1
80	6035-3BRX225		...ULTRASERT II (V26344)		3
85	476W2221-6SP		...BACKPLATE		1
90	476W2221-1SP		.HOUSING-ASSY MAIN		1
95	476W2221-11SP		..WEDGE ASSY		1
100	6041-3BRX375		...ULTRASERT II (V26344)		2
105	476W2221-10SP		...INSERT-WEDGE		1
110	476W2221-7SP		..MOUTH PIECE ASSY		1
115	461032X225		...ULTRASERT (V2S283)		1
120	6041-3BRX375		...ULTRASERT II (V26344)		2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
01-					
125	476W2221-8SP		...MOUTH PIECE		1
130	BAC29PPS21671		...DECAL		1
135	476W2221-2SP		..HOUSING		1
140	BAC29PPS21671		.MARKER		1

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