

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF OUTBOARD OXYGEN MODULE ASSEMBLY COMPONENT MAINTENANCE MANUAL
35-21-01

REVISION NO. 15 DATED JUL 01/04

HIGHLIGHTS

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

CHAPTER/SECTION

AND PAGE NO.

DESCRIPTION OF CHANGE

TR & SB RECORD

Added clarifications and updated callouts.

1

CONTENTS

1

1004-1011

1004-1011,1021-1022,
1039

Changed oxygen mask callouts on oxygen boxes
417T4200-313, -314, -323.

35-21-01

HIGHLIGHTS

01.1

Page 1

Jul 01/04

OUTBOARD OXYGEN MODULE ASSEMBLY

PART NUMBERS 417T4200

-7, -11 THRU -16, -207, -213, -214, -216, -223,
-307, -313, -314, -316, -317, -323, -324

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

35-21-01

TITLE PAGE

Page 1

Nov 01/01

01.1



REVISION RECORD

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

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


BOEING
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PAGE	DATE	CODE	PAGE	DATE	CODE
35-21-01			REPAIR 1-1		
			601	MAR 01/97	01.1
			602	JUL 01/01	01.1
TITLE PAGE			603	MAR 01/97	01.101
1	NOV 01/01	01.1	604	MAR 01/97	01.101
2	BLANK				
REVISION RECORD			ASSEMBLY		
1	JUL 10/83	01	701	JUL 10/87	01.1
2	BLANK		702	APR 01/91	01.1
TR & SB RECORD			703	NOV 01/01	01.1
*1	JUL 01/04	01.1	704	JUL 10/87	01.1
2	BLANK		705	JUL 10/87	01.1
LIST OF EFFECTIVE PAGES			706	JUL 10/87	01.1
*1	JUL 01/04	01	SPECIAL TOOLS		
THRU LAST PAGE			901	JUL 10/87	01.1
			902	BLANK	
CONTENTS			ILLUSTRATED PARTS LIST		
*1	JUL 01/04	01.1	1001	JUL 10/83	01
2	BLANK		1002	NOV 01/01	01.1
INTRODUCTION			1003	NOV 01/01	01.1
1	JUL 10/83	01	*1004	JUL 01/04	01.1
2	BLANK		*1005	JUL 01/04	01.1
DESCRIPTION & OPERATION			*1006	JUL 01/04	01.1
1	JUL 10/87	01.1	*1007	JUL 01/04	01.1
2	BLANK		*1008	JUL 01/04	01.1
DISASSEMBLY			*1009	JUL 01/04	01.1
301	JUL 10/87	01.1	*1010	JUL 01/04	01.1
302	JUL 10/87	01.1	*1011	JUL 01/04	01.1
CLEANING			1012	NOV 01/01	01.1
401	JUL 10/87	01.1	1013	NOV 01/01	01.1
402	BLANK		1014	NOV 01/01	01.1
REPAIR-GENERAL			1015	NOV 01/01	01.1
601	JUL 10/87	01.1	1016	NOV 01/01	01.1
602	BLANK		1017	NOV 01/01	01.1
			1018	NOV 01/01	01.1
			1019	NOV 01/01	01.1
			1020	NOV 01/01	01.1
			*1021	JUL 01/04	01.1
			*1022	JUL 01/04	01.1
			1023	NOV 01/01	01.1
			1024	NOV 01/01	01.1

* = REVISED, ADDED OR DELETED

35-21-01

EFFECTIVE PAGES

CONTINUED Page 1

01 Jul 01/04

PAGE	DATE	CODE	PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.			
1025	BLANK				
1026	NOV 01/01	01.1			
1027	NOV 01/01	01.1			
1028	NOV 01/01	01.1			
1029	NOV 01/01	01.1			
1030	NOV 01/01	01.1			
1031	NOV 01/01	01.1			
1032	NOV 01/01	01.1			
1033	BLANK				
1034	NOV 01/01	01.1			
1035	NOV 01/01	01.1			
1036	NOV 01/01	01.1			
1037	NOV 01/01	01.1			
1038	NOV 01/01	01.1			
*1039	JUL 01/04	01.1			
*1040	JUL 01/04	01.101			

* = REVISED, ADDED OR DELETED

35-21-01

EFFECTIVE PAGES
 LAST PAGE Page 2
 01 Jul 01/04



TABLE OF CONTENTS

<u>Paragraph Title</u>	<u>Page</u>
Description and Operation.	1
Testing and Trouble Shooting (Not Applicable)	
Disassembly.	301
Cleaning	401
Check. * [1]	
Repair	601
Assembly	701
Fits and Clearances (Not Applicable)	
Special Tools.	901
Illustrated Parts List	1001
* [1] Special instructions are not necessary. Use standard industry practices.	

35-21-01

CONTENTS
Page 1
Jul 01/04

01.1



INTRODUCTION

The instructions in this manual provide the information necessary to perform maintenance functions ranging from simple checks and replacement to complete shop-type repair.

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 asterisked flagnote *[] in place of the page number indicates that no special instructions are provided since the function can be performed using standard industry practices.

The beginning of the REPAIR section includes a list of the separate repairs, a list of applicable standard Boeing practices, and an explanation of the True Position Dimensioning symbols used.

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:

Disassembly	AUG 26/82
Assembly	AUG 26/82

35-21-01

INTRODUCTION

01

Page 1

Jul 10/83



OUTBOARD OXYGEN MODULE ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

A. The outboard oxygen module assembly consists of an oxygen generator clamped in a cradle shaped block and attached inside an aluminum tray. Each mask is connected to the generator outlet by plastic tubing and to the generator ignition unit by a lanyard, attached to a release cable. A heat sensitive band around the generator indicates when the generator is expended.

2. Operation

A. Depressurization of the airplane or manual operation of a switch automatically releases the masks to fall as limited by their lanyards. When the first mask is pulled into position for use, the lanyard pulls a release cable which triggers the oxygen generator to start oxygen flow to the masks.

3. Leading Particulars (Approximate)

Length -- 10 inches

Height -- 3 inches

Width -- 9 inches

Weight -- 6 pounds

35-21-01

DESCRIPTION & OPERATION

01.1

Page 1

Jul 10/87

DISASSEMBLY

1. Disassembly (IPL Fig. 1)

WARNING: GENERATOR (85) IS A PYROTECHNIC ACTIVATED HIGH-HEAT-PRODUCING UNIT WHICH CAN INFLICT SERIOUS BURNS. TO PREVENT INJURY TO PERSONNEL, ENSURE THAT A35001-8 SAFETY PIN WITH WARNING FLAG IS ALWAYS INSTALLED ON UNACTIVATED GENERATOR.

WARNING: DO NOT ALLOW OIL, GREASE, FLAMMABLE SOLVENTS, DUST, LINT, FINE METAL FILINGS, OR OTHER COMBUSTIBLE MATERIALS TO CONTAMINATE OXYGEN SYSTEM COMPONENTS. COMBUSTIBLE MATERIALS MAY IGNITE AND RESULT IN AN EXPLOSION WHEN EXPOSED TO OXYGEN.

A. Remove oxygen generator (85).

- (1) Remove release pin (88) from generator activation mechanism.
- (2) Detach oxygen mask tubing (120), or flex hose (260) with circle clamp (235), from generator outlet nozzles.
- (3) Remove screws (15) and washers (20). Lift out generator (85) and attached clamps (5, 10).

B. Remove oxygen masks (110).

- (1) Remove protective covering from module opening.
- (2) On module 417T4200-7, disconnect oxygen mask tubing (120) from manifold (265). Remove screws (250), washers (255) and manifold (265) with attached flex hose (260).
- (3) Withdraw tubing (120) through grommets (105) and remove rings (142) from release cable (86).
- (4) Remove oxygen masks (110).

NOTE: Do not disassemble oxygen masks (110) unless necessary for repair or replacement. Masks are sealed assemblies.

CAUTION: DO NOT DISASSEMBLE BOX (90) OR TRAY (160). REASSEMBLY REQUIRES THE USE OF COMPLEX AND EXPENSIVE JIGS TO ATTAIN CORRECT DIMENSIONAL TOLERANCES.

C. Remove box (90) and release cable (86) by removing tape, screws (95), and washers (100).

35-21-01

DISASSEMBLY

01.1

Page 301

Jul 10/87

| D. Disassemble clamps (5, 10)

- |
- (1) Remove locking pins (45), open latches (35), and remove clamps (5, 10) from generator (85).
 - (2) Remove pins (30) and strap (25) and strap cover (50).
 - (3) Detach strap (70) and strap cover (65) by removing screw (60).

35-21-01

DISASSEMBLY

01.1

Page 302

Jul 10/87



CLEANING

CAUTION: USE ONLY LISTED CLEANING MATERIALS. USE OF OTHER MATERIALS MAY CAUSE INSTANTANEOUS AND VISUALLY-UNDETECTABLE DAMAGE.

1. Clean all decorative plastic parts per Cleaning of Interior Painted and Plastic Parts in 20-30-03.

WARNING: DO NOT ALLOW OIL, GREASE, FLAMMABLE SOLVENTS, DUST, LINT, FINE METAL FILINGS, OR OTHER COMBUSTIBLE MATERIALS TO CONTAMINATE PARTS THAT WILL BE EXPOSED TO OXYGEN. COMBUSTIBLE MATERIAL MAY IGNITE AND RESULT IN AN EXPLOSION WHEN EXPOSED TO OXYGEN.

2. Clean all vendor-supplied oxygen system components per applicable vendor's instructions.

3. Vapor degrease all oxygen system tubing and fittings per 20-30-03.

35-21-01

CLEANING
Page 401
Jul 10/87

01.1

REPAIR – GENERAL1. Content

- A. Repair, refinish and replacement procedures, as applicable, are included in separate repair sections as follows:

<u>P/N</u>	<u>NAME</u>	<u>REPAIR</u>
417T4205	OXYGEN MASK ASSY	1-1

2. Standard Practices

- A. Refer to the following standard practices, as applicable, for details of procedures in individual repairs.

20-30-02	Stripping of Protective Finishes
20-30-03	General Cleaning Procedures
20-41-01	Decoding Table for Boeing Finish Codes
20-41-02	Application of Chemical and Solvent Resistant Finishes

3. Materials

- A. Primer -- BMS 10-11, Type 1 (Ref 20-60-02)

35-21-01

REPAIR-GENERAL

01.1

Page 601

Jul 10/87

OXYGEN MASK ASSY – REPAIR 1-1

417T4205

NOTE: Refer to REPAIR-GENERAL for a list of applicable standard practices.
Refer to IPL Fig. 1 for item numbers.

1. Lanyard and Headstrap Replacement (Fig. 601)

A. Lanyard (143)

- (1) Remove the screw through eyelet (135). Remove the lanyard from the mask.
- (2) Remove ring (142) from the old lanyard.
- (3) Attach ring (142) to one end of the replacement lanyard with clamp (140).
- (4) Crimp eyelet (135) to the other end of the lanyard to get the installed length of lanyard as shown.
- (5) Trim and heat seal the free ends of the lanyard cord.
- (6) Install the lanyard on the mask with screw through eyelet (135).

B. Lanyard (144)

- (1) Disconnect snap hook (137) and remove the lanyard from the mask.
- (2) Remove ring (142) and snap hook (137) from the old lanyard.
- (3) Attach ring (142) and snap hook (137) to the ends of the replacement lanyard with clamps (139) to get the final length of the lanyard as shown.
- (4) Trim and heat seal the free ends of the lanyard cord.
- (5) Attach the lanyard to the mask with snap hook (137).

C. Head Strap (145)

- (1) Remove the old head strap.
- (2) Install a replacement head strap with clips (146).

35-21-01

REPAIR 1-1

01.1

Page 601

Mar 01/97

2. Lanyard Test

- A. Hang the mask by the lanyard from a hook or peg, or attach the free end of the lanyard to an equivalent object.
- B. Attach a force gage which can measure 30 pounds, or a 30-pound weight, to the ring at the mask faceplate.
- C. Apply the force or weight to the ring as a static load. Apply all of the load in 5 seconds or less. Hold the load for 2 or 3 seconds, then release.
- D. Make sure the lanyard parts stay together.

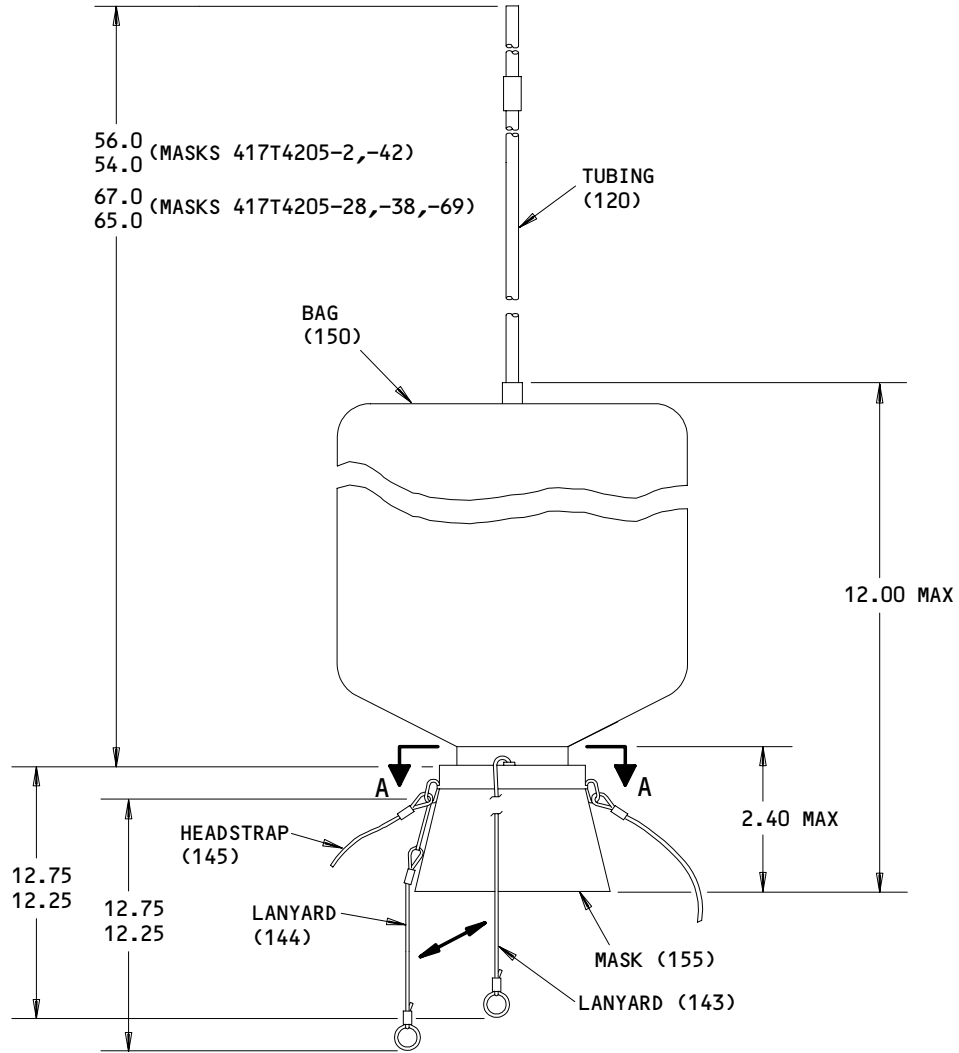
35-21-01

REPAIR 1-1

01.1

Page 602

Jul 01/01



417T4205-2,-28,-38,-42,-69

ALL DIMENSIONS ARE IN INCHES

Oxygen Mask Details
Figure 601 (Sheet 1)

265554

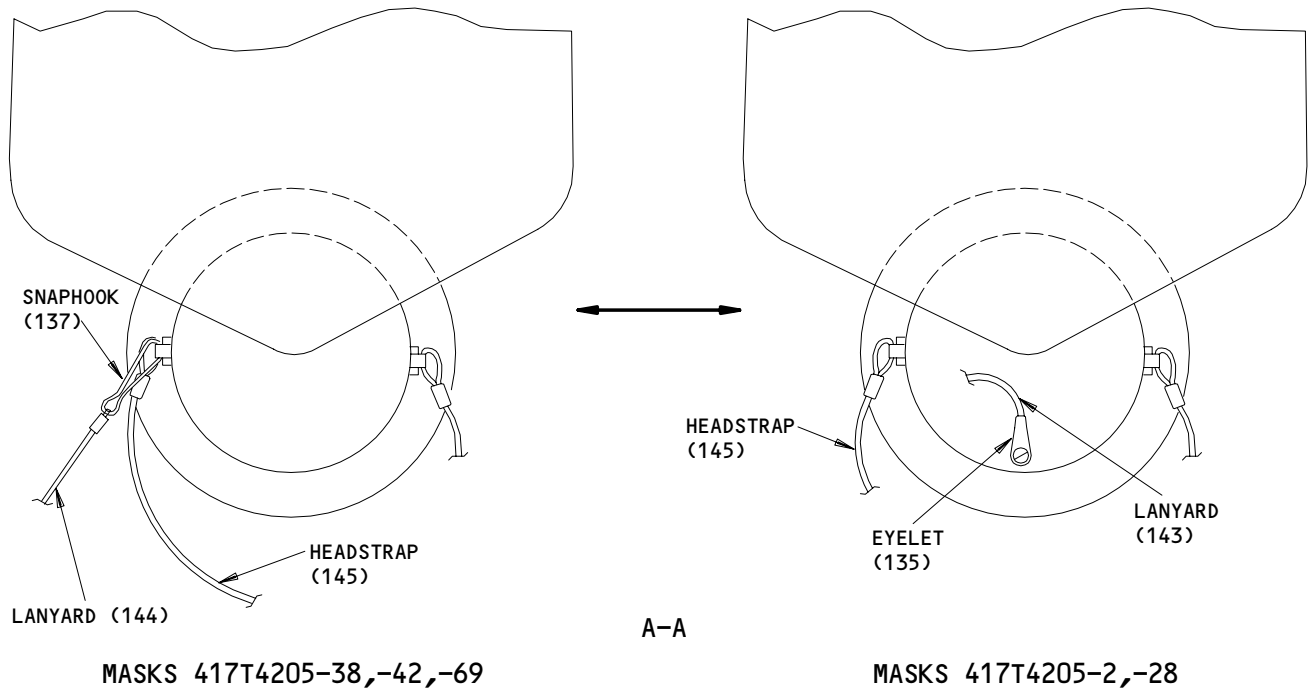
35-21-01

REPAIR 1-1

01.101

Page 603

Mar 01/97



Oxygen Mask Details
Figure 601 (Sheet 2)

30722

35-21-01

REPAIR 1-1

01.101

Page 604

Mar 01/97

ASSEMBLY1. Materials

A. Protective Tape -- Permacel 95 (Ref 20-60-04).

2. Assembly (IPL Fig. 1)

A. Clamp Assembly

(1) Insert strap (25) into strap cover (50).

(2) Attach strap cover (65) and strap (70) to block (80) with screw (60).

CAUTION: DO NOT APPLY EXCESSIVE FORCE TO PINS (30). BLOCK (80) MAY SPLIT IF EXCESSIVE FORCE IS USED.

(3) Install pins (30) using an arbor press.

(a) Attach strap (25) to top of block (80) with one pin (30).

(b) Press second pin (30) into bottom of block (80).

NOTE: Pins (30) should have no more than 0.06 inches protrusion from either side of block (80).

WARNING: GENERATOR (85) IS A PYROTECHNIC ACTIVATED, HIGH-HEAT-PRODUCING UNIT WHICH CAN INFLICT SERIOUS BURNS. TO PREVENT SERIOUS INJURY TO PERSONNEL, ENSURE THAT A35001-8 SAFETY PIN WITH WARNING FLAG IS ALWAYS INSTALLED ON UNACTIVATED GENERATOR.

B. Insert generator (85) into clamps (5, 10). Close latches (35) and insert locking pins (45).

C. Attach generator (with attached clamps) to tray (160) with screws (15) and washers (20).

D. Attach release cable terminal (87) to tray (160) by inserting screw (95) through washer (100), terminal (87), box (90), and into nutplate (200). Attach box (90) to tray using screws (95) and washers (100).

E. Cover heads of screws (95) with protective tape, in strips approximately 1 inch long.

35-21-01ASSEMBLY
Page 701
Jul 10/87

01.1

WARNING: DO NOT ALLOW GREASE, OIL, FLAMMABLE SOLVENTS, DUST, LINT, FINE METAL FILINGS, OR OTHER COMBUSTIBLE MATERIALS TO CONTAMINATE PARTS THAT WILL BE EXPOSED TO OXYGEN. COMBUSTIBLE MATERIALS MAY IGNITE AND RESULT IN AN EXPLOSION WHEN EXPOSED TO OXYGEN.

F. Pack oxygen masks (Fig. 702)

- (1) Unfold and flatten bag (150). Lay headstrap (180) on top of bag and fold bag in thirds, lengthwise.
- (2) Wrap folded bag up side of mask (155) and drape into mask. The bag-tubing connection should be approximately centered in the bottom of the mask, with the excess bag protruding above the mask 1.0-2.0 inches.
- (3) Coil tubing (150) counterclockwise from bottom of mask, coiling tubing on top of bag.

NOTE: Tubing must be pressed firmly down and against inside wall of mask to achieve correct coiling.

- (4) Ensure that ring (142) is outside mask, as shown (Fig. 702).
- (5) Make sure that release cable (86) goes through the rings of mask assembly (110, 115).
- (6) Uncoil 8.0-12.0 inches of tubing as shown. Do not fold bag on top of remaining tubing coiled in mask.

G. Mask installation in module (Fig. 704).

CAUTION: GENERATOR OUTLET NOZZLES MUST BE SUPPORTED WHEN OXYGEN MASK TUBING (120) OR FLEX HOSE (260) IS ATTACHED.

- (1) On module 417T4200-7, install manifold (265) on side of tray (160) with screws (250) and washers (255). Connect flex hose (260) to manifold, looping as shown. Support generator outlet nozzle and connect hose with circle clamp (235).
- (2) From inside of box (90), pass mask tubing (120) out through grommets (105).
- (3) On module 417T4200-7, connect tubing (120) to manifold (265).
- (4) On modules 417T4200-11 and on, support generator outlet nozzles and connect tubing (120) to nozzles.

35-21-01

ASSEMBLY
Page 702
Apr 01/91

01.1

**BOEING**
COMPONENT
MAINTENANCE MANUAL

WARNING: DO NOT REMOVE A35001-8 SAFETY PIN WITH WARNING FLAG FROM GENERATOR ACTIVATION MECHANISM AFTER INSERTING RELEASE CABLE PIN (88).

CAUTION: REFER TO SB 767-35-0043, 767-35-0044 TO MAKE SURE THE RELEASE PIN IS IN THE RELEASE PIN HOLE, AND NOT IN THE SAFETY PIN HOLE (AD 2001-10-14).

- (5) Pass release cable pin (88) through all rings (142) and insert pin into generator activation mechanism.
- (6) Pull tubing slack back through the grommets and coil it into the masks. On modules 417T4200-11 and on, tubing must not extend more than 0.25 inch beyond module (Fig. 703). On module 417T4200-7, route tubing as shown.
- (7) Place masks in module, with release cable (86), as shown.

CAUTION: CHECK THAT TUBING IS FREE FROM SHARP BENDS AND CRIMPS.

- (8) Cover opening in module with a temporary restraint and fasten in place, ensuring that all items remain in position.

3. Storage

- A. Use standard industry practices for storage of this component, the information in 20-44-02 and 20-70-01, and additional procedures in the following steps.

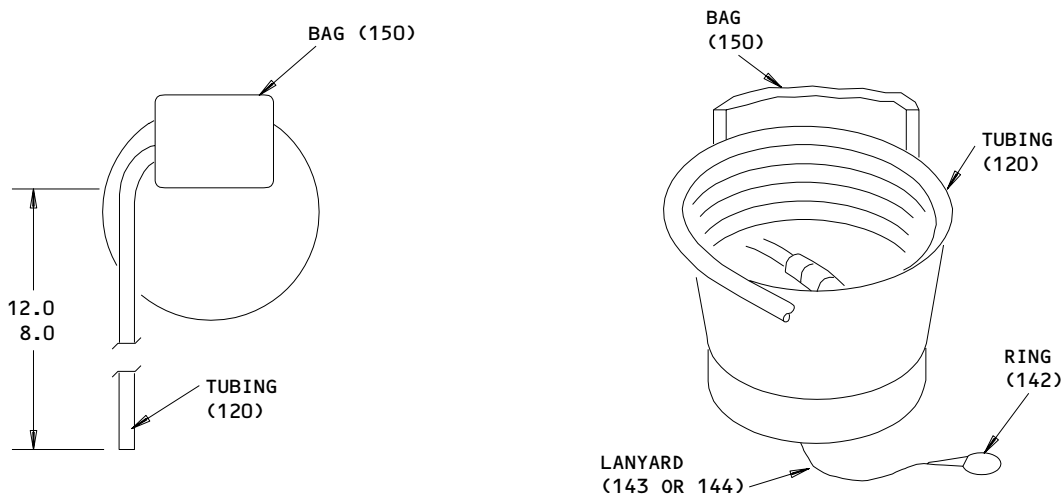
CAUTION: PLASTIC PARTS VISIBLE TO CABIN INTERIOR MUST BE SUITABLY PROTECTED DURING STORAGE.

- B. Wrap entire unit in vapor barrier paper and seal airtight in a temperature of 60-90°F and 90% relative humidity, maximum.
- C. Protect unit from handling damage with adequate structure or packing.

35-21-01ASSEMBLY
Page 703
Nov 01/01

01.1

FIG. 701 DELETED
(REFER TO REPAIR 1-1 FOR OXYGEN MASK DETAILS)



ALL DIMENSIONS ARE IN INCHES

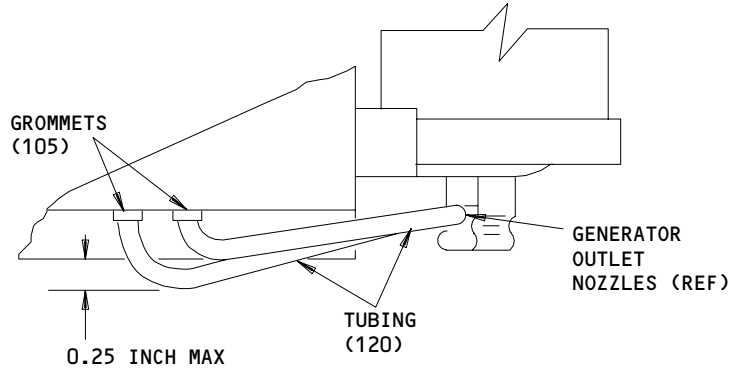
Oxygen Mask Packing
Figure 702

265556

35-21-01

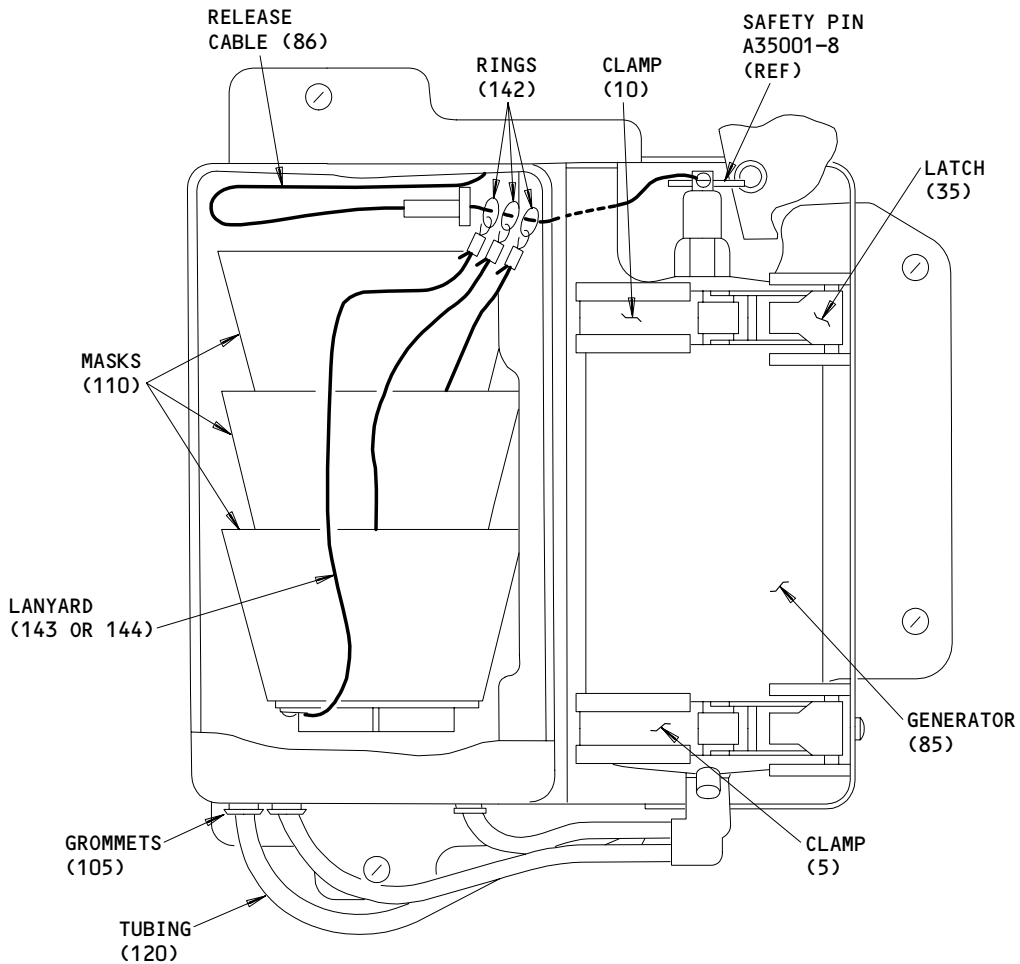
01.1

ASSEMBLY
Page 704
Jul 10/87



417T4200-11 AND ON

Tubing Clearance
 Figure 703



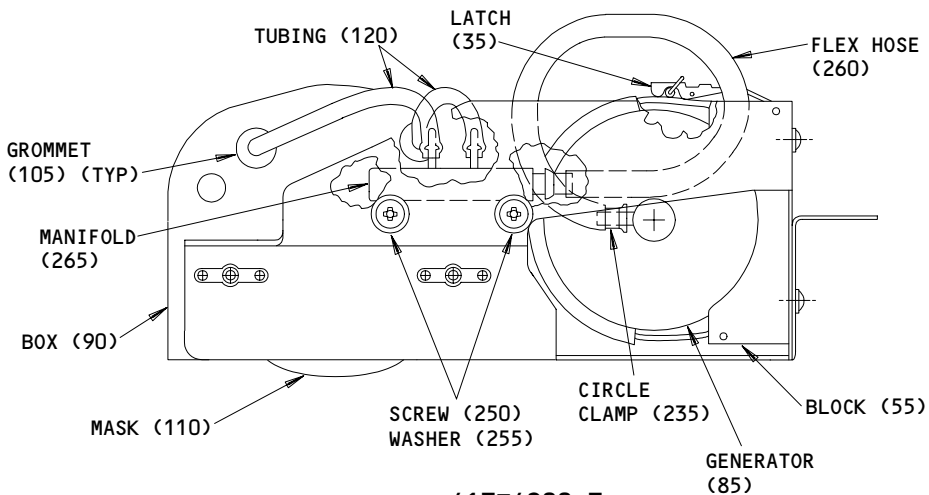
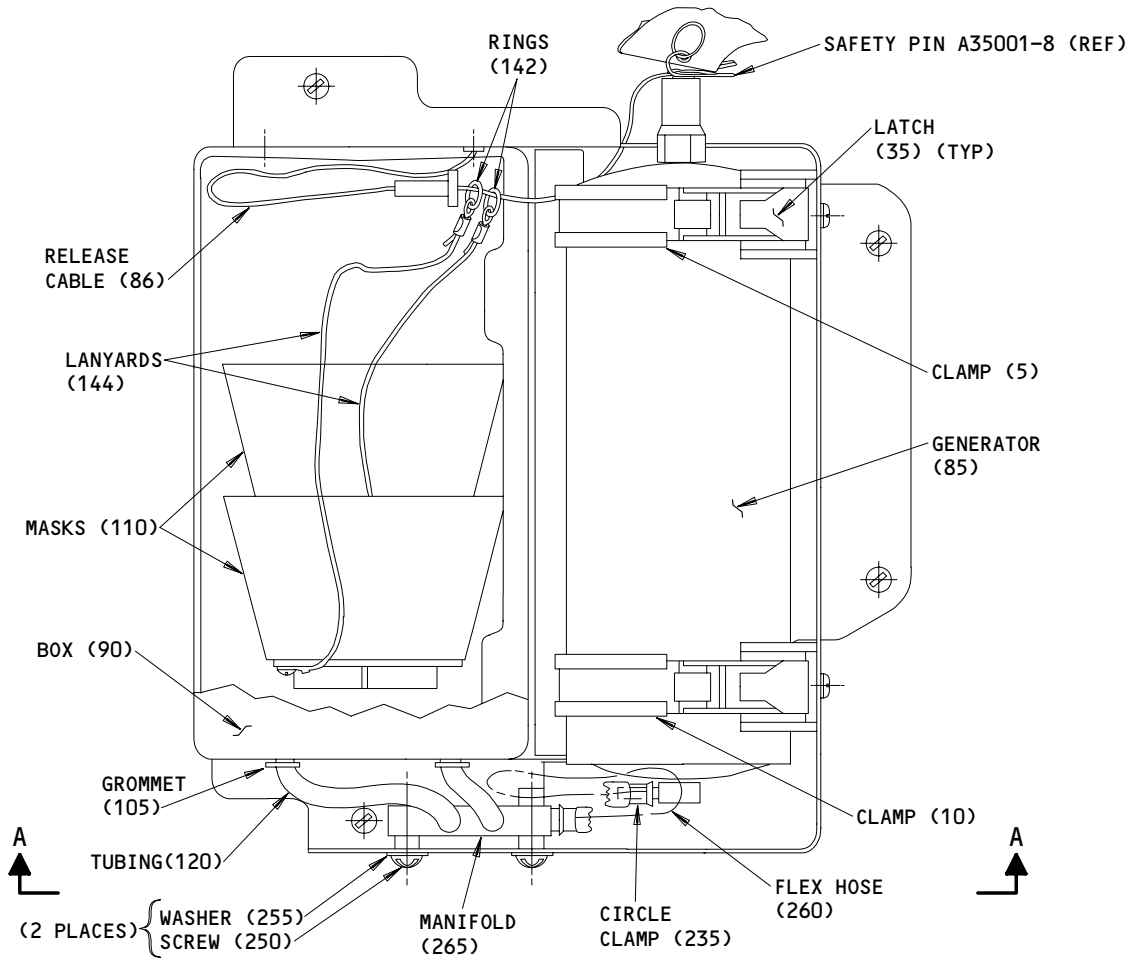
417T4200-11 AND ON

Oxygen Module Assembly Details
 Figure 704 (Sheet 1)

35-21-01

ASSEMBLY
 Page 705
 Jul 10/87

01.1



417T4200-7

Oxygen Module Assembly Details
 Figure 704 (Sheet 2)

35-21-01

ASSEMBLY
 Page 706
 Jul 10/87

01.1

SPECIAL TOOLS, FIXTURES AND EQUIPMENT

NOTE: Equivalent substitutes may be used.

1. A35001-8 -- Safety pin assembly (consists of A35001-12 pin, with lanyard and warning flag).

35-21-01

SPECIAL TOOLS

01.1

Page 901

Jul 10/87



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.

35-21-01

ILLUSTRATED PARTS LIST

01 Page 1001

Jul 10/83

VENDORS

0NHT3 PRECISE PRODUCTS INC
348-B EVELYN STREET PO BOX 1249
PARAMUS, NEW JERSEY 07653-1249

00287 SPIROL INTL CORP
DANIELSON, CONNECTICUT 06239-0179
FACILITY DISCONTINUED
FORMERLY C E M CO INC A SPIROL INTL CO

01556 EMHART FASTENING SYSTEMS GROUP HELI-COIL DIV
SHELTER ROCK LANE
DANBURY, CONNECTICUT 06810
FORMERLY HELI-COIL DIV OF BLACK AND DECKER

11815 CHERRY AEROSPACE FASTENERS DIV OF TEXTRON
1224 EAST WARNER AVENUE PO BOX 2157
SANTA ANA, CALIFORNIA 92707-0157
FORMERLY IN LOS ANGELES, CALIF , FORMERLY CHERRY FASTENERS
TOWNSEND DIV OF TEXTRON INC V71087

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

16827 B/E AEROSPACE PURITAN-BENNETT AERO DIV
10800 PFLUMM ROAD
LENEXA, KANSAS 66215
FORMERLY PURITAN EQUIPMENT IN KANSAS CITY, MO;
FORMERLY PURITAN-BENNETT AERO SYS V02217

25281 OETEIKER INC
71-77 OKNER PARKWAY
LIVINGSTON, NEW JERSEY 07039

29372 FAIRCHILD IND INC AEROSP FSTNRS DIV SOUTHBAY OPNS/TRIDAIR
3000 WEST LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5103
FORMERLY CALFAX INC V11907; NEWTON INSERT CO V98004;REXNORD
INC SPECIALTY FASTENER DIV AND DELRON CO V82831; REXNORD
INC TRIDAIR IND

52828 REPUBLIC FASTENER MFG CORP
1300 RANCHO CONEJO BLVD
NEWBURY PARK, CALIFORNIA 91320-1405
FORMERLY IN SYLMAR, CALIFORNIA

35-21-01

ILLUSTRATED PARTS LIST
01.1 Page 1002
Nov 01/01

**BOEING**
COMPONENT
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53655 SCOTT AVIATION DIV FIGGIE INTERNATIONAL INC
225 ERIE STREET
LANCASTER, NEW YORK 14086-9502
FORMERLY A-T-O INC EMERGENCY EQUIPMENT DIV V16090
FORMERLY V92114 SIERRA MADRE, CA

59730 SEE V56501

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

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

80539 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV
2701 SOUTH HARBOR BOULEVARD PO BOX 1259
SANTA ANA, CALIFORNIA 92702-1259
FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539
AND STANDARD PRESSED STEEL WESTERN DIV V17279

82399 WATERBURY BUCKLE CO
952 SOUTH MAIN STREET
WATERBURY, CONNECTICUT 06706-3964

92215 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
3010 W LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5102
FORMERLY VOI-SHAN IN CULVER CITY, CALIF

35-21-01ILLUSTRATED PARTS LIST
01.1 Page 1003
Nov 01/01

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AJ3-20		1	165A	4
		2	230	4
		3	225	4
AN415-4		1	45	1
		2	35	1
		3	30	1
AN960-8		2	155	
		3	130	
AN960KD10L		2	20	
AN960KD6L		2	95	
AN960PD10L		3	155	
		1	20	
		1	21	
AN960PD6L		1	100	
A3-20		1	165	
A87		1	87A	1
		2	115A	1
		3	95A	1
BACN10JR06		1	200	4
		2	245	4
		3	245	4
BACR15BA3AD		1	205	8
		2	240	8
		3	240	8
BACR15BA5AD		1	195	2
		2	255	2
BACR15BB3AD		3	35	2
BACR15BB3AD2		1	40	2
		2	40	2
BACR15BB5AD		1	190	4
		2	250	4
		3	250	6
BACS12FA3K5		1	18A	1
BACS12FA3K6		1	18	
		2	17	1
		3	15	4
BR2000A06		1	200	4
		2	245	4
		3	245	4
CZ0781125		1	30C	2
		2	25B	2
		3	20B	2
K1000-06BAC		1	200	4
		2	245	4
		3	245	4
MS20253P2-105		1	30	

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1004
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
MS20659-102		1	87	1
		2	115	1
		3	95	1
MS21207C4-4		1	60	1
		2	60	1
		3	60	1
MS35489-33X		1	105	3
		2	100	2
		3	160	3
MS39086-26		1	30B	2
		2	25A	2
		3	20A	2
MS51861-35		2	150A	2
		3	125	2
NAS1149DN616J		1	100A	4
NAS1149DN616K		2	95B	4
		2	95A	
NAS1149DN832J		3	155A	4
		2	155B	2
NAS1149D0332J		1	20A	3
NAS1149D0332K		2	20B	3
		2	20A	
NAS1149FN832P		2	155A	
NAS601-6		3	130A	2
		1	95	
		2	90	
NAS601-7		3	150	
		1	95A	4
		2	90A	4
NAS602-6		3	150A	4
		2	150	
		1	15	3
NAS603-6		1	16	
NS103202-62		2	15	3
		1	200	4
		2	245	4
N03		3	245	4
		1	170A	4
		2	235A	4
N0318		3	230A	4
		1	142D	1
		1	142F	1
RMA9201-62		2	195B	1
		3	185A	1
		1	200	4
		2	245	4
		3	245	4

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1005
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
S417T401-22		2	140	
		2	140A	1
S417T401-23		3	85	
		3	85A	1
S417T401-25		1	85D	1
S417T401-26		1	85C	1
S417T401-3		1	85	
S418W001-106		1	115C	
		1	115G	3
S418W001-107		1	115H	2
		2	170B	
		2	170C	2
		3	170A	3
S418W001-113		1	115D	
		1	115F	3
T8088S632		1	200	4
		2	245	4
		3	245	4
VN102A1-62		1	200	4
		2	245	4
		3	245	4
117003-02		1	85A	
117003-03		1	85B	
117003-12		1	85D	1
117003-13		1	85C	1
117003-22		2	140A	1
117003-23		3	85A	1
23		1	45A	
		2	35A	
		3	30A	
289-801-051		1	115G	3
289-801-052		1	110J	3
		1	115H	2
		2	170C	2
289-801-0522		3	170A	3
289-801-061		1	115F	3
289-801-106		1	115E	
3		1	170	
		2	235	
		3	230	
30L20-2AA		1	35	1
		2	45	1
		3	45	1
318		1	137	1
		1	137A	1
		2	180	1
		3	195	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1006
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
417N3138-14		2	145	1
417N3138-15		2	160	1
417N3138-16		2	165	1
417N3138-3		3	120	
417N3138-36		3	120A	1
417N3138-41		3	145A	1
417N3138-6		3	145	
417N3138-7		3	140	1
417N3138-9		3	135	
417T4200-10		1	1E	
417T4200-11		1	1F	RF
417T4200-12		1	1G	RF
417T4200-13		1	1H	RF
417T4200-14		1	1J	RF
417T4200-15		1	1K	RF
417T4200-16		1	1L	RF
417T4200-207		1	1N	RF
		2	1A	RF
417T4200-213		1	1P	RF
417T4200-214		1	1Q	RF
417T4200-216		1	1R	RF
417T4200-223		1	1S	RF
		3	1	RF
417T4200-3		1	1	
417T4200-307		1	1T	RF
		2	1B	RF
417T4200-313		1	1U	RF
417T4200-314		1	1V	RF
417T4200-316		1	1W	RF
417T4200-317		1	1Z	RF
417T4200-323		1	1X	RF
		3	1A	RF
417T4200-324		1	1Y	RF
417T4200-5		1	1A	
417T4200-6		1	1B	
417T4200-7		1	1M	RF
		2	1	RF
417T4200-8		1	1C	
417T4200-9		1	1D	
417T4205-12		1	120B	1
417T4205-13		1	120	1
		1	120A	1
		2	175	1
		3	220	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1007
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
417T4205-142		1	110G	3
		1	115A	2
		2	170A	2
		3	170	3
417T4205-169		1	110H	3
417T4205-198		1	115B	3
417T4205-2		1	110	3
		1	110A	
417T4205-25		1	143	1
		1	143A	
417T4205-26		1	142	1
		1	142A	
		1	142B	1
		2	195	1
417T4205-28		1	110B	3
417T4205-32		1	146	2
		1	147	2
		2	210	2
		3	205	2
		1	135	1
417T4205-34		1	136	
		1	135A	
		1	110E	3
417T4205-38		1	115	2
417T4205-42		1	110C	3
		1	110D	
		2	170	2
		1	144	1
		1	144A	1
417T4205-48		2	200	1
		3	190	1
		1	138	1
		1	139	2
		1	139A	2
		2	185	2
		3	180	2
417T4205-58		1	144B	1
417T4205-6		1	145	1
		1	145A	1
		2	205	1
		3	200	1
		1	110F	3
417T4205-69		1	110F	3

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1008
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
417T4205-7		1	140	2
		1	141	2
		1	140A	
		1	141A	
		2	190	2
417T4205-8		3	175	2
		1	155	1
		1	155A	1
		2	220	1
417T4205-9		3	215	1
		1	150	1
		1	150A	1
		2	215	1
417T4205-96		3	210	1
		1	142C	1
		1	142E	1
		2	195A	1
417T4250-1		3	185	1
		1	5	1
		2	5	
417T4250-14		3	40	1
417T4250-17		3	50	1
417T4250-2		1	10	1
417T4250-20		3	25	1
417T4250-23		2	10	2
417T4250-3		1	5A	1
417T4250-4		1	10A	1
417T4250-6		1	50	1
		2	30	1
417T4250-7		1	25	1
		2	50	1
417T4250-8		3	5	1
417T4250-9		3	10	1
417T4255-1		1	55	1
		2	55	
417T4255-2		1	80	1
		2	80	
417T4255-3		1	70	1
		2	70	1
		3	70	1
417T4255-4		1	65	1
		2	65	1
		3	65	1
417T4255-5		3	55	1
417T4255-6		3	80	1
417T4255-7		2	55A	1
417T4255-8		2	85	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1009
 Jul 01/04

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
417T4258-10		2	225	1
417T4258-11		2	260	1
417T4258-12		2	265	1
417T4258-15		3	235	1
417T4258-16		3	255	1
417T4258-17		3	260	1
417T4258-5		1	160	1
417T4258-6		1	210	1
417T4258-7		1	185	1
417T4262-1		1	86	1
		1	86A	1
		2	110	1
		2	110A	1
		3	90	1
417T4262-2		1	89A	1
		2	130	1
		3	110	1
417T4262-3		1	86B	1
		1	86C	1
		2	110B	1
		2	110C	1
		3	90A	1
		3	90B	1
417T4306-2		1	90	1
417T4306-4		2	105	1
		3	165	1
417T4307-1		1	88	1
		2	120	1
		3	100	1
417T4307-2		1	88A	1
		2	120A	1
		3	100A	1
417T4308-1		1	89	1
		2	125	1
		3	105	1
5-64X11-8MDP		1	30A	2
		2	25	2
		3	20	2
5418W001-107		1	110J	3
6041-3BR0375		1	75	2
		2	75	2
		3	75	2
7-0-505R		2	135A	
		3	115	
70-505R		2	135B	1
		3	115A	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1010
 Jul 01/04

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COMPONENT
MAINTENANCE MANUAL

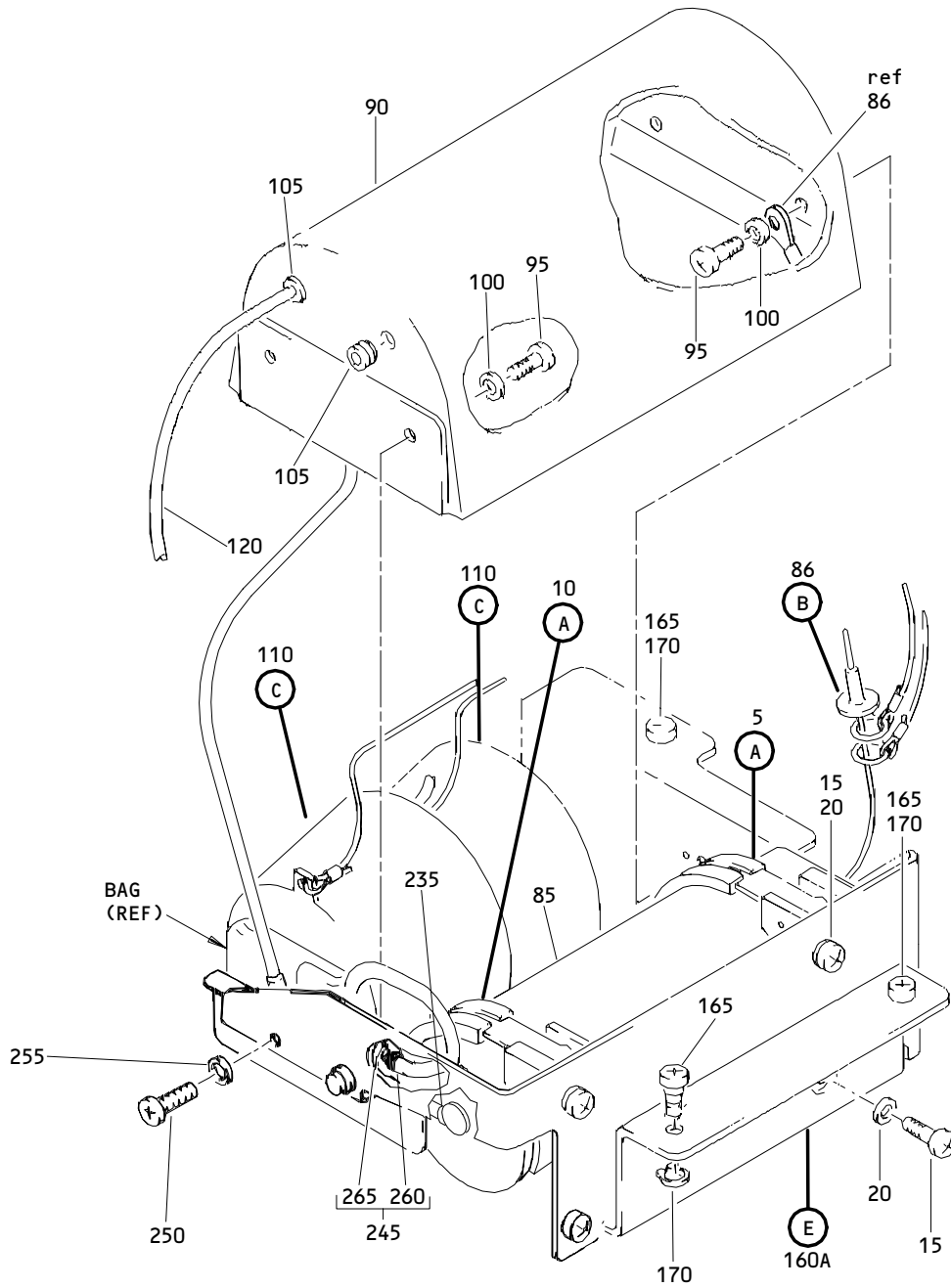
PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
70-505RD		2	135C	1
		3	115B	1
837150		2	135	

35-21-01

ILLUSTRATED PARTS LIST

01.1 Page 1011

Jul 01/04

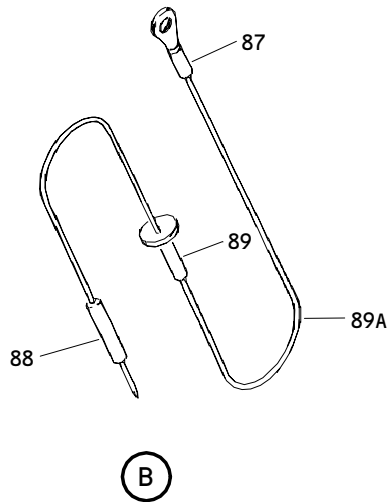
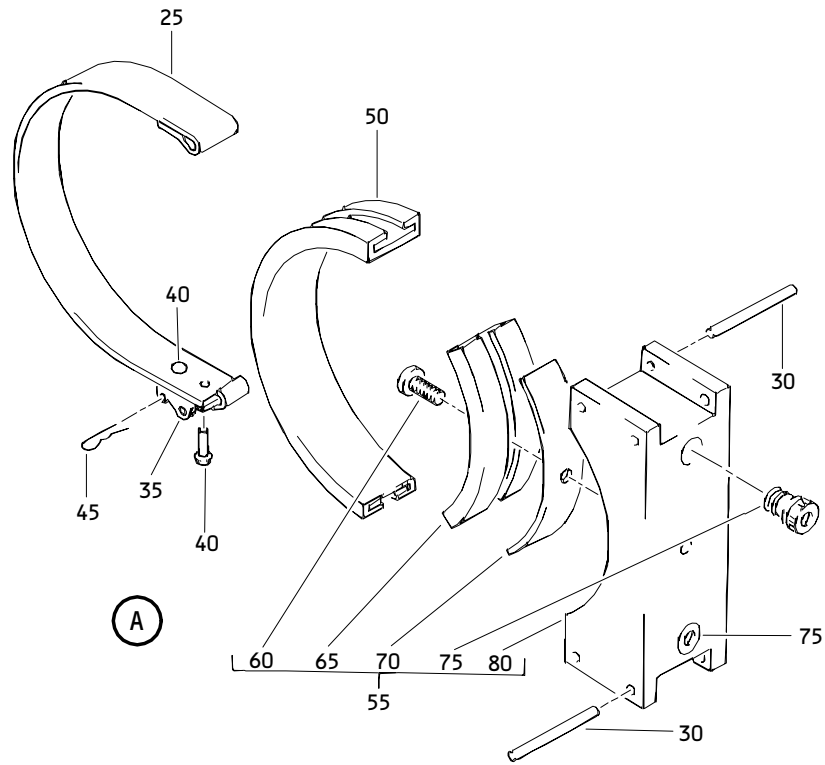


ASSY 417T4200-7

Outboard Oxygen Module Assembly
Figure 1 (Sheet 2)

35-21-01

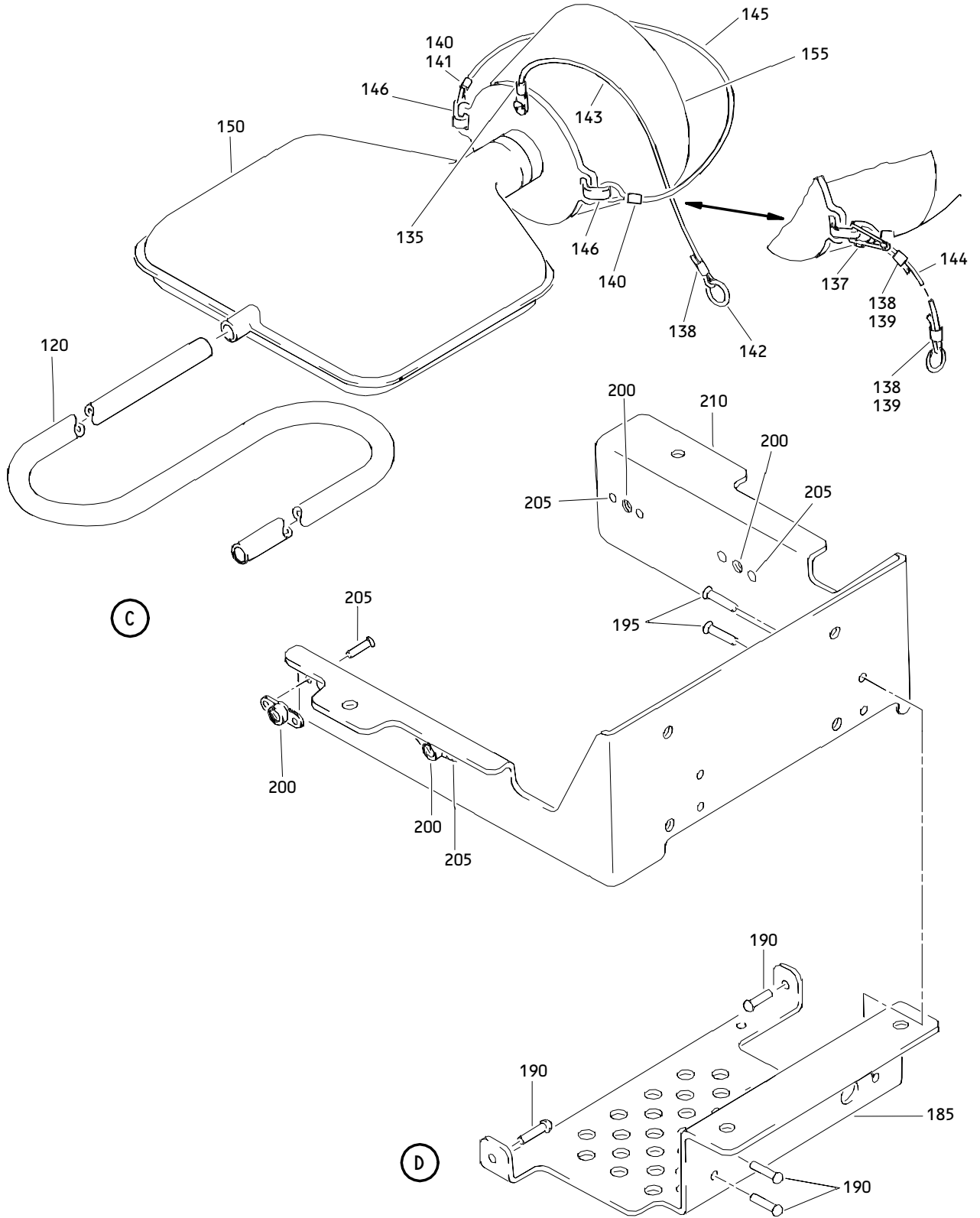
ILLUSTRATED PARTS LIST
01.1 Page 1013
Nov 01/01



Outboard Oxygen Module Assembly
 Figure 1 (Sheet 3)

35-21-01

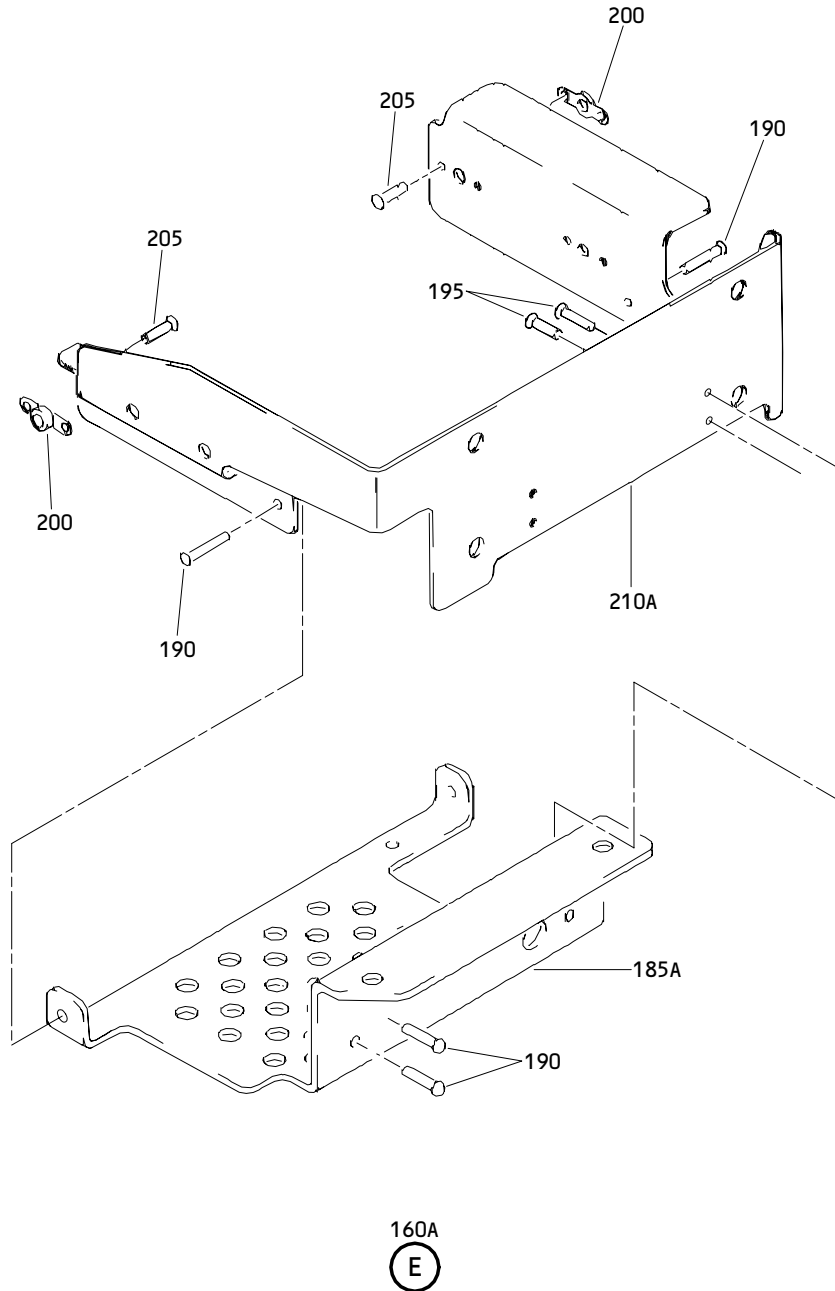
ILLUSTRATED PARTS LIST
 01.1 Page 1014
 Nov 01/01



Outboard Oxygen Module Assembly
 Figure 1 (Sheet 4)

35-21-01

ILLUSTRATED PARTS LIST
 01.1 Page 1015
 Nov 01/01



Outboard Oxygen Module Assembly
Figure 1 (Sheet 5)

35-21-01

ILLUSTRATED PARTS LIST
01.1 Page 1016
Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-1	417T4200-3		DELETED		
-1A	417T4200-5		DELETED		
-1B	417T4200-6		DELETED		
-1C	417T4200-8		DELETED		
-1D	417T4200-9		DELETED		
-1E	417T4200-10		DELETED		
-1F	417T4200-11		MODULE ASSY-OUTBD OXY	A	RF
-1G	417T4200-12		MODULE ASSY-OUTBD OXY	B	RF
-1H	417T4200-13		MODULE ASSY-OUTBD OXY	C	RF
-1J	417T4200-14		MODULE ASSY-OUTBD OXY	D	RF
-1K	417T4200-15		MODULE ASSY-OUTBD OXY	E	RF
-1L	417T4200-16		MODULE ASSY-OUTBD OXY	F	RF
-1M	417T4200-7		MODULE ASSY-OUTBD 22-MINUTE OXY	G	RF
			(FOR DETAILS SEE FIG. 2)		
-1N	417T4200-207		MODULE ASSY-OUTBD OXY	H	RF
			(FOR DETAILS SEE FIG. 2)		
-1P	417T4200-213		MODULE ASSY-OUTBD OXY	J	RF
-1Q	417T4200-214		MODULE ASSY-OUTBD OXY	K	RF
-1R	417T4200-216		MODULE ASSY-OUTBD OXY	L	RF
-1S	417T4200-223		MODULE ASSY-OUTBD OXY	M	RF
			(FOR DETAILS SEE FIG. 3)		
R -1T	417T4200-307		MODULE ASSY-OUTBD OXY	U	RF
			(FOR DETAILS SEE FIG. 2)		
R -1U	417T4200-313		MODULE ASSY-OUTBD OXY	P	RF
R -1V	417T4200-314		MODULE ASSY-OUTBD OXY	Q	RF
R -1W	417T4200-316		MODULE ASSY-OUTBD OXY	R	RF
R -1X	417T4200-323		MODULE ASSY-OUTBD OXY	S	RF
			(FOR DETAILS SEE FIG. 3)		
R -1Y	417T4200-324		MODULE ASSY-OUTBD OXY	T	RF
R -1Z	417T4200-317		MODULE ASSY-OUTBD OXY	N	RF
5	417T4250-1		.CLAMP ASSY	A-C,E F,J, L,N,P R,T	1
-5A	417T4250-3		.CLAMP ASSY	D,K,Q	1
10	417T4250-2		.CLAMP ASSY	A-C,E F,J, L,N,P R,T	1
-10A	417T4250-4		.CLAMP ASSY ATTACHING PARTS	D,K,Q	1

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1017

Nov 01/01

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-15	NAS603-6		.SCREW	A-F, J-L, N-R,T	3
16	NAS603-6		DELETED		
18	BACS12FA3K6		DELETED		
R 18A	BACS12FA3K5		.SCREW	A-F, J-L, N-R,T	1
20	AN960PD10L		DELETED		
R 20A	NAS1149D0332J		.WASHER	A-F, J-L, N-R,T	3
21	AN960PD10L		DELETED		
25	417T4250-7		..STRAP	A-F, J-L, N-R,T	1
30	MS20253P2-105		DELETED		
R 30A	5-64X11-8MDP		..PIN- (V00287) (OPT ITEM 30B, 30C)	A-F, J-L, N-R,T	2
R -30B	MS39086-26		..PIN-SPRING (OPT ITEM 30A, 30C)	A-F, J-L, N-R,T	2
R -30C	CZ0781125		..PIN-SPRING (VONHT3) (OPT ITEM 30, 30B)	A-F, J-L, N-R,T	2
35	30L20-2AA		..LATCH- (V29372)	A-F, J-L, N-R,T	1
40	BACR15BB3AD2		..RIVET	A-F, J-L, N-R,T	2
45	AN415-4		-----*----- ..PIN-LOCK	A-F, J-L, N-R,T	1
-45A	23		DELETED		
50	417T4250-6		..COVER-STRAP	A-F, J-L, N-R,T	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1018
 Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-55	417T4255-1		..BLOCK ASSY	A-F, J-L, N-R,T	1
60	MS21207C4-4		...SCREW	A-F, J-L, N-R,T	1
65	417T4255-4		...COVER-STRAP	A-F, J-L, N-R,T	1
70	417T4255-3		...STRAP	A-F, J-L, N-R,T	1
75	6041-3BR0375		...INSERT- (V01556)	A-F, J-L, N-R,T	2
80	417T4255-2		...BLOCK	A-F, J-L, N-R,T	1
85	S417T401-3		DELETED		
-85A	117003-02		DELETED		
85B	117003-03		DELETED		
85C	117003-13		.GENERATOR- (V16827) (SPEC S417T401-26)	A-C,E ,F,J, L,N,P ,R,T	1
-85D	117003-12		.GENERATOR- (V16827) (SPEC S417T401-25)	D,K,Q	1
86	417T4262-1		.CABLE ASSY-RELEASE	A-F	1
-86A	417T4262-1		.CABLE ASSY-RELEASE (LIMITED) (OPT ITEM 86B)	J-L	1
-86B	417T4262-3		.CABLE ASSY-RELEASE (LIMITED) (OPT ITEM 86A)	J-L	1
R -86C	417T4262-3		.CABLE ASSY-RELEASE	N-R,T	1

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1019

Nov 01/01

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-87	MS20659-102		..TERMINAL- (OPT ITEM 87A)	A-F, J-L, N-R,T	1
-87A	A87		..TERMINAL- (V59730) (OPT ITEM 87)	A-F, J-L, N-R,T	1
88	417T4307-1		..PIN- (USED ON ITEMS 86, 86A)	A-F, J-L	1
-88A	417T4307-2		..PIN- (USED ON ITEMS 86B, 86C)	J-L, N-R,T	1
89	417T4308-1		..STOP-LANYARD	A-F, J-L, N-R,T	1
89A	417T4262-2		..ROPE-WIRE	A-F, J-L, N-R,T	1
90	417T4306-2		.BOX	A-F, J-L, N-R,T	1
			ATTACHING PARTS DELETED		
R 95	NAS601-6		.SCREW	A-F, J-L, N-R,T	4
R 95A	NAS601-7		DELETED		
			.WASHER	A-F, J-L, N-R,T	4
100	AN960PD6L		DELETED		
R 100A	NAS1149DN616J		.GROMMET	A-F, J-L, N-R,T	3
105	MS35489-33X				

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1020
 Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
110	417T4205-2		.MASK ASSY-PASS.	A	3
110A	417T4205-2		DELETED		
-110B	417T4205-28		.MASK ASSY-PASS.	B	3
-110C	417T4205-42		.MASK ASSY-PASS.	C	3
-110D	417T4205-42		DELETED		
-110E	417T4205-38		.MASK ASSY-PASS.	E	3
-110F	417T4205-69		.MASK ASSY-PASS.	F	3
-110G	417T4205-142		.MASK ASSY-PASS.	J	3
-110H	417T4205-169		.MASK ASSY-PASS.	L	3
-110J	289-801-052		.MASK ASSY-PASS. (V53655) (SPEC 5418W001-107)	P	3
115	417T4205-42		.MASK ASSY-PASS.	D	2
-115A	417T4205-142		.MASK ASSY-PASS.	K	2
R -115B	417T4205-198		.MASK ASSY-PASS.	T	3
-115C	S418W001-106		DELETED		
-115D	S418W001-113		DELETED		
-115E	289-801-106		DELETED		
R -115F	289-801-061		.MASK ASSY-PASS. (V53655) (SPEC S418W001-113)	R	3
R -115G	289-801-051		.MASK ASSY-PASS. (V53655) (SPEC S418W001-106)	N	3
-115H	289-801-052		.MASK ASSY-PASS. (V53655) (SPEC S418W001-107)	Q	2
120	417T4205-13		..TUBING	A,C,J ,T	1
120A	417T4205-13		..TUBING	D,K	1
-120B	417T4205-12		..TUBING	B,E,F L	1
135	417T4205-34		..EYELET-LANYARD	A,B	1
-135A	417T4205-34		DELETED		
136	417T4205-34		DELETED		
137	318		..SNAPHOOK- (V82399)	C,E,F ,J,L, T	1
137A	318		..SNAPHOOK- (V82399)	D,K	1
138	417T4205-50		..CLAMP-LANYARD	A,B	1
139	417T4205-50		..CLAMP-LANYARD	C,E,F ,J,L, T	2

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1021

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-139A	417T4205-50		..CLAMP-LANYARD	D,K	2
140	417T4205-7		..CLAMP-HEAD STRAP	A-C,E F,J L,T	2
140A	417T4205-7		DELETED		
141	417T4205-7		..CLAMP-HEAD STRAP	D,K	2
141A	417T4205-7		DELETED		
142	417T4205-26		..RING	A,B,E	1
142A	417T4205-26		DELETED		
-142B	417T4205-26		..RING	D	1
R -142C	417T4205-96		..RING- (OPT ITEM 142D)	C,F,J L,T	1
R -142D	N0318		..SNAPHOOK- (V82399) (OPT ITEM 142C)	C,F,J L,T	1
R -142E	417T4205-96		..RING- (OPT ITEM 142F)	D,K	1
R -142F	N0318		..SNAPHOOK- (V82399) (OPT ITEM 142D)	D,K	1
143	417T4205-25		..LANYARD	A,B	1
-143A	417T4205-25		DELETED		
144	417T4205-48		..LANYARD	C,E,F J,L	1
144A	417T4205-48		..LANYARD	D,K	1
R -144B	417T4205-58		..LANYARD	T	1
145	417T4205-6		..STRAP-HEAD	A-C,E F,J L,T	1
145A	417T4205-6		..STRAP-HEAD	D,K	1
146	417T4205-32		..CLIP-HEADSTRAP	A-C,E F,J L,T	2
147	417T4205-32		..CLIP-HEADSTRAP	D,K	2
150	417T4205-9		..BAG	A-C,E F,J L,T	1
150A	417T4205-9		..BAG	D,K	1
155	417T4205-8		..MASK	A-C,E F,J L,T	1
155A	417T4205-8		..MASK	D,K	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1022
 Jul 01/04


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-160	417T4258-5		.TRAY ASSY	A-F, J-L, N-R,T	1
165 165A	A3-20 AJ3-20		DELETED .STUD- (V72794)	A-F, J-L, N-R,T	4
170 170A	3 N03		DELETED .RING-SNAP (V72794)	A-F, J-L, N-R,T	4
			-----*-----		
185	417T4258-7		..PAN	A-F, J-L, N-R,T	1
			ATTACHING PARTS		
190	BACR15BB5AD		..RIVET- (SIZE DETERMINE ON INST)	A-F, J-L, N-R,T	4
195	BACR15BA5AD		..RIVET- (SIZE DETERMINE ON INST)	A-F, J-L, N-R,T	2
			-----*-----		
200	BR2000A06		..NUTPLATE- (V52828) (SPEC BACN10JR06) (OPT K1000-06BAC (V15653)) (OPT NS103202-62 (V80539)) (OPT RMA9201-62 (V72962)) (OPT T8088S632 (V11815)) (OPT VN102A1-62 (V92215)) ATTACHING PARTS	A-F, J-L, N-R,T	4

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1023

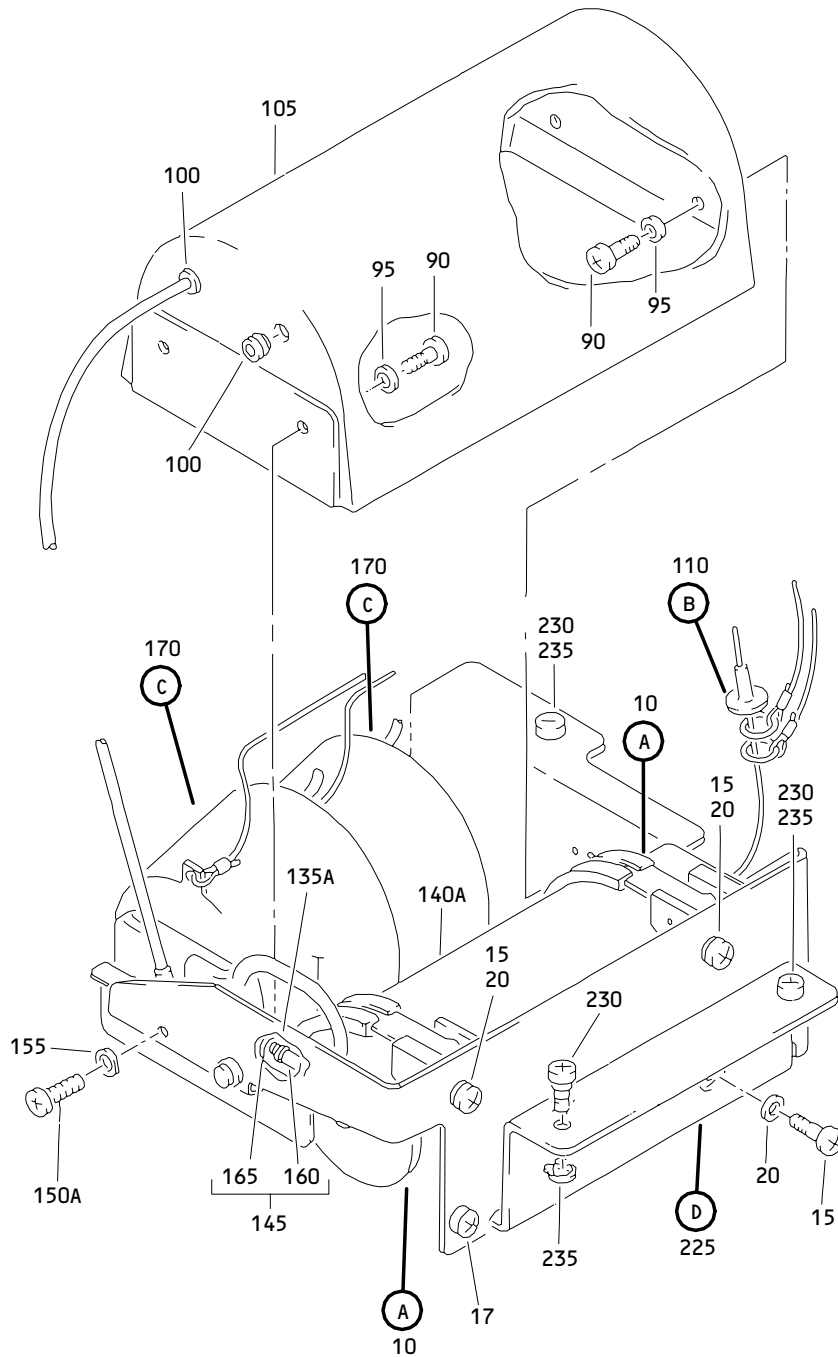
Nov 01/01

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
01-205	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	A-F, J-L, N-R,T	8
210	417T4258-6		-----*----- ..TRAY	A-F, J-L, N-R,T	1

- Item Not Illustrated

35-21-01

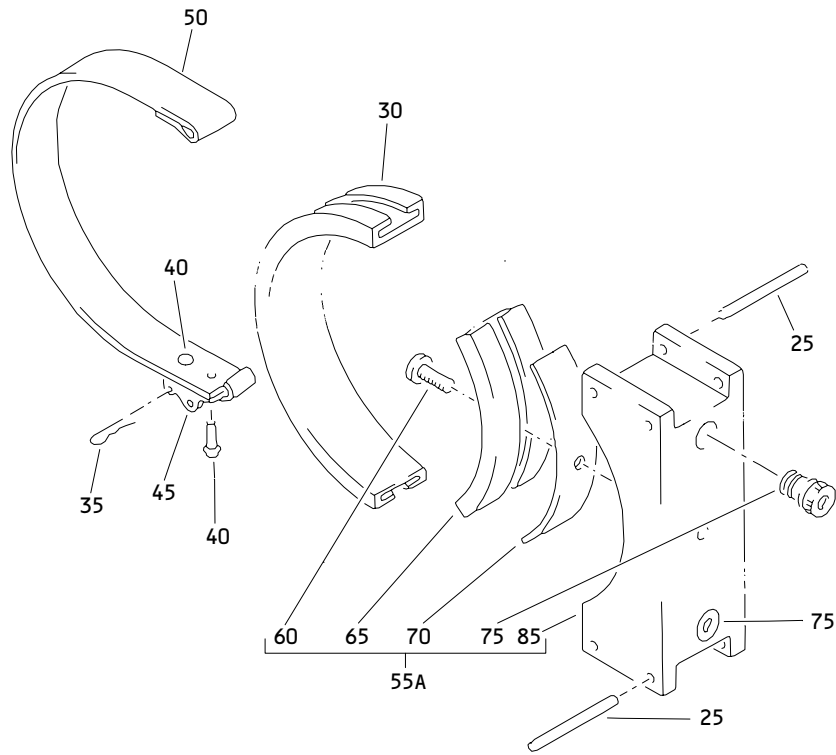
ILLUSTRATED PARTS LIST
 01.1 Page 1024
 Nov 01/01



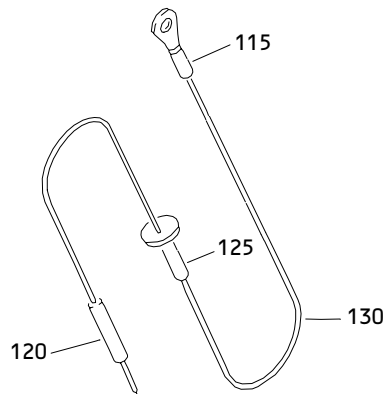
Outboard Oxygen Module Assembly
 Figure 2 (Sheet 1)

35-21-01

ILLUSTRATED PARTS LIST
 01.1 Page 1026
 Nov 01/01



(A)

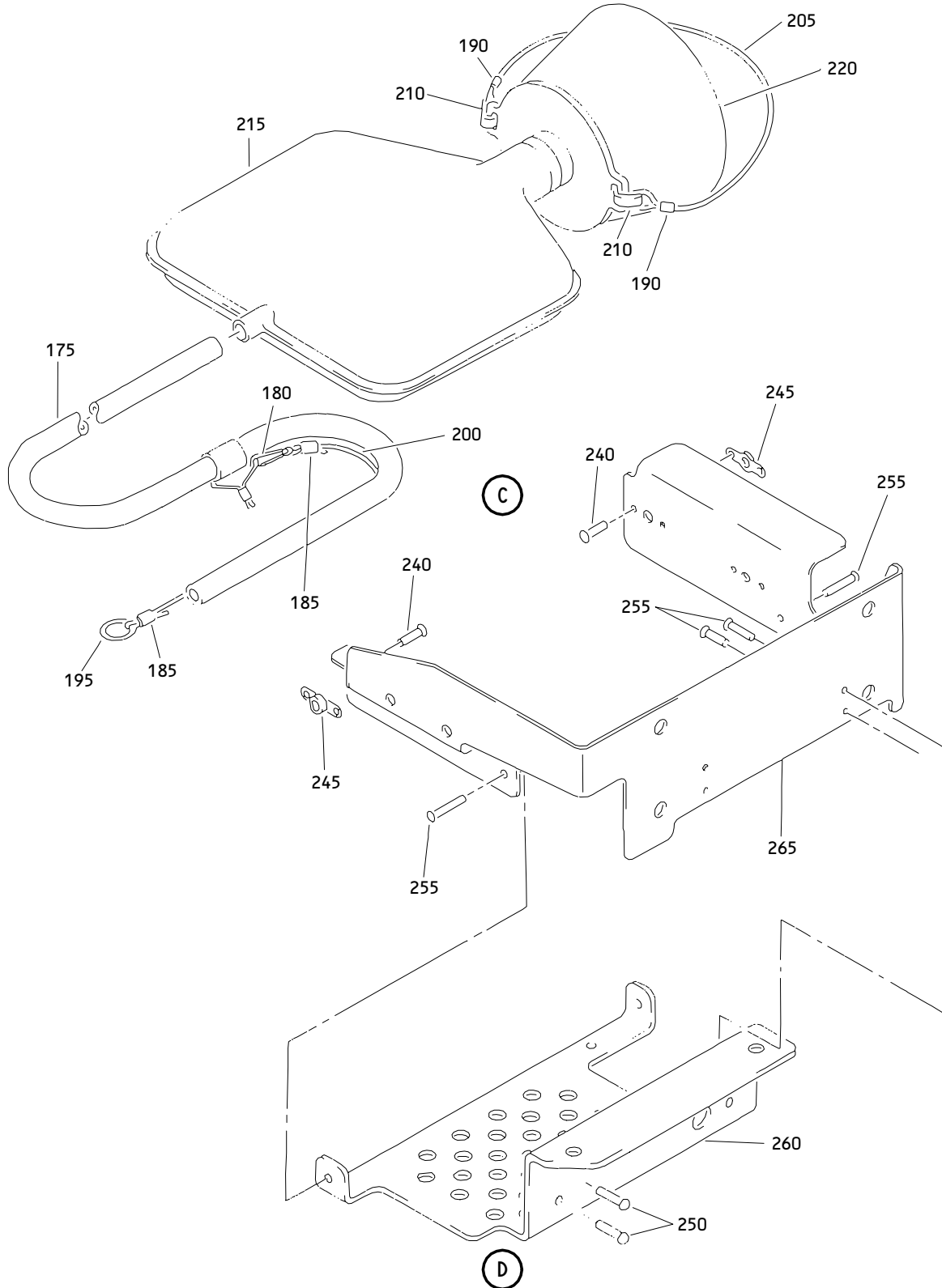


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Outboard Oxygen Module Assembly
Figure 2 (Sheet 2)

35-21-01

ILLUSTRATED PARTS LIST
01.1 Page 1027
Nov 01/01



Outboard Oxygen Module Assembly
Figure 2 (Sheet 3)

35-21-01

ILLUSTRATED PARTS LIST
01.1 Page 1028
Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -1	417T4200-7		MODULE ASSY-OUTBD 22-MINUTE OXY	G	RF
R -1A	417T4200-207		MODULE ASSY-OUTBD OXY	H	RF
R -1B	417T4200-307		MODULE ASSY-OUTBD OXY	U	RF
5	417T4250-1		DELETED		
10	417T4250-23		.CLAMP ASSY ATTACHING PARTS	G,H,U	2
15	NAS603-6		.SCREW	G,H,U	3
17	BACS12FA3K6		.SCREW	G,H,U	1
20	AN960KD10L		DELETED		
20A	NAS1149D0332K		DELETED		
R 20B	NAS1149D0332J		.WASHER	G,H,U	3
R 25	5-64X11-8MDP		..PIN- (V00287) (OPT ITEM 25A, 25B)	G,H,U	2
R -25A	MS39086-26		..PIN-SPRING (OPT ITEM 25, 25B)	G,H,U	2
R -25B	CZ0781125		..PIN-SPRING (VONHT3) (OPT ITEM 25, 25A)	G,H,U	2
30	417T4250-6		..COVER-STRAP	G,H,U	1
35	AN415-4		..PIN-LOCK	G,H,U	1
-35A	23		DELETED		
40	BACR15BB3AD2		..RIVET	G,H,U	2
45	30L20-2AA		..LATCH- (V29372)	G,H,U	1
50	417T4250-7		..STRAP	G,H,U	1
55	417T4255-1		DELETED		
55A	417T4255-7		..BLOCK ASSY	G,H,U	1
60	MS21207C4-4		...SCREW	G,H,U	1
65	417T4255-4		...COVER-STRAP	G,H,U	1

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1029

Nov 01/01

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
70	417T4255-3		...STRAP	G,H,U	1
75	6041-3BR0375		...INSERT- (V01556)	G,H,U	2
80	417T4255-2		DELETED		
85	417T4255-8		...BLOCK	G,H,U	1
90	NAS601-6		DELETED		
R 90A	NAS601-7		.SCREW	G,H,U	4
95	AN960KD6L		DELETED		
95A	NAS1149DN616K		DELETED		
R 95B	NAS1149DN616J		.WASHER	G,H,U	4
100	MS35489-33X		.GROMMET	G,H,U	2
105	417T4306-4		.BOX	G,H,U	1
110	417T4262-1		.CABLE ASSY-RELEASE	G	1
-110A	417T4262-1		.CABLE ASSY-RELEASE (LIMITED) (OPT ITEM 110B)	H	1
-110B	417T4262-3		.CABLE ASSY-RELEASE (LIMITED) (OPT ITEM 110A)	H	1
R -110C	417T4262-3		.CABLE ASSY	U	1
115	MS20659-102		..TERMINAL- (OPT ITEM 115A)	G,H,U	1
-115A	A87		..TERMINAL- (V59730) (OPT ITEM 115)	G,H,U	1
120	417T4307-1		..PIN- (USED ON ITEMS 110, 110A)	G,H	1
-120A	417T4307-2		..PIN- (USED ON ITEMS 110B, 110C)	H,U	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1030
 Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
125	417T4308-1		..STOP-LANYARD	G,H,U	1
130	417T4262-2		..ROPE-WIRE	G,H,U	1
135	837150		DELETED		
135A	7-0-505R		DELETED		
R 135B	70-505R		.CLAMP-CIRCLE (V25281)	G,H	1
R -135C	70-505RD		.CLAMP-CIRCLE (V25281)	U	1
140	S417T401-22		DELETED		
140A	117003-22		.GENERATOR-3 PERSON (V16827) (SPEC S417T401-22)	G,H,U	1
145	417N3138-14		.LINE ASSY-SUPPLY	G,H,U	1
150	NAS602-6		DELETED		
150A	MS51861-35		.SCREW	G,H,U	2
155	AN960-8		DELETED		
155A	NAS1149FN832P		DELETED		
R 155B	NAS1149DN832J		.WASHER -----*	G,H,U	2
160	417N3138-15		..HOSE-FLEX	G,H,U	1
165	417N3138-16		..MANIFOLD	G,H,U	1
170	417T4205-42		.MASK ASSY-PASS.	G	2
-170A	417T4205-142		.MASK ASSY-PASS.	H	2
-170B	S418W001-107		DELETED		
R -170C	289-801-052		.MASK ASSY-PASS. (V53655) (SPEC S418W001-107)	U	2
175	417T4205-13		..TUBING	G,H	1
180	318		..SNAPHOOK- (V82399)	G,H	1
185	417T4205-50		..CLAMP-LANYARD	G,H	2
190	417T4205-7		..CLAMP-HEAD STRAP	G,H	2
195	417T4205-26		..RING	G	1
-195A	417T4205-96		..RING- (OPT ITEM 195B)	H	1
R -195B	N0318		..SNAPHOOK- (V82399) (OPT ITEM 195A)	H	1
200	417T4205-48		..LANYARD	G,H	1
205	417T4205-6		..STRAP-HEAD	G,H	1
210	417T4205-32		..CLIP-HEADSTRAP	G,H	2
215	417T4205-9		..BAG	G,H	1
220	417T4205-8		..MASK	G,H	1

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1031

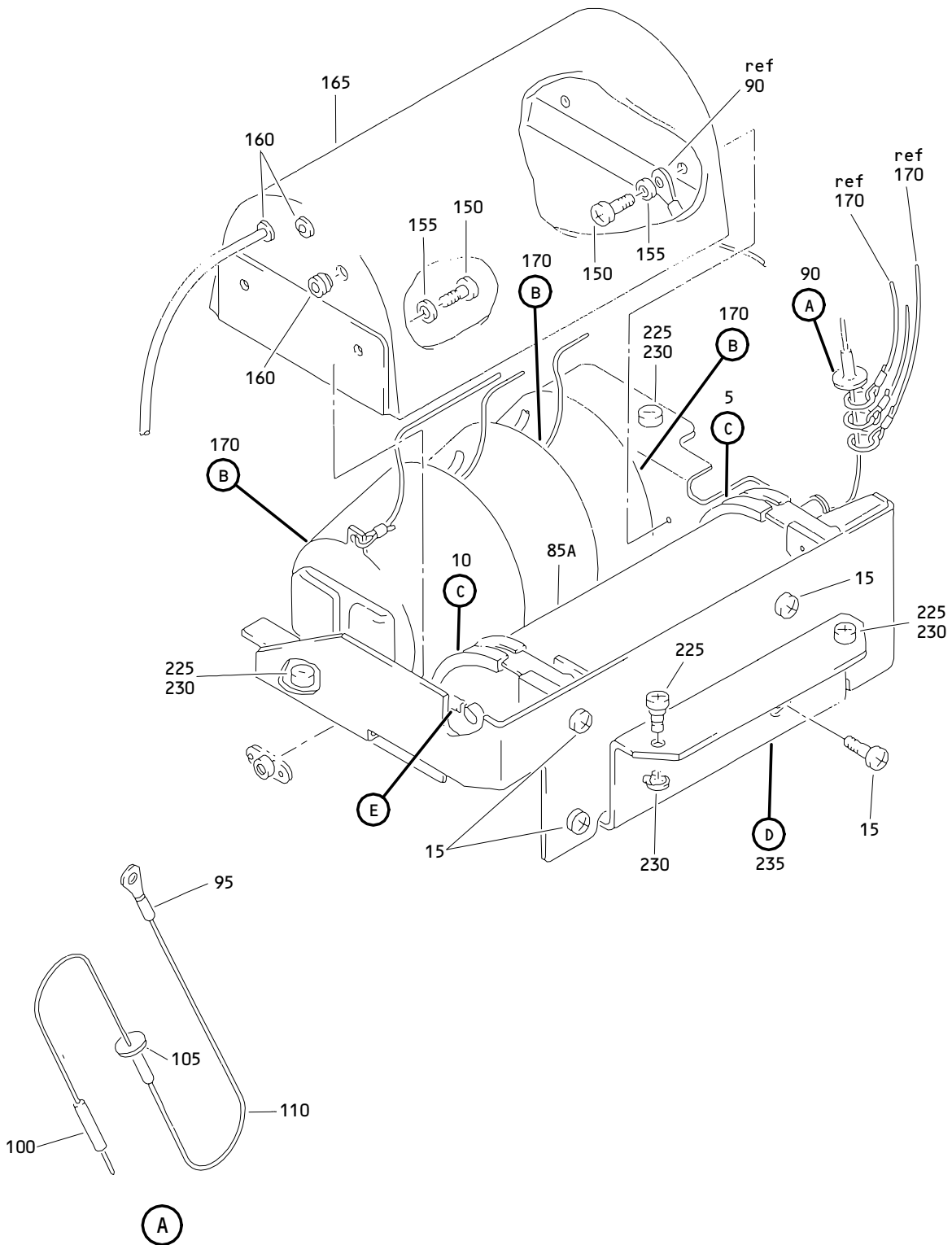
Nov 01/01

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-225	417T4258-10		.TRAY ASSY ATTACHING PARTS	G,H,U	1
230	AJ3-20		.STUD- (V72794)	G,H,U	4
235	3		DELETED		
R 235A	N03		.RING-SNAP (V72794) -----*	G,H,U	4
240	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	G,H,U	8
245	BR2000A06		..NUTPLATE- (V52828) (SPEC BACN10JR06) (OPT K1000-06BAC (V15653)) (OPT NS103202-62 (V80539)) (OPT RMA9201-62 (V72962)) (OPT T8088S632 (V11815)) (OPT VN102A1-62 (V92215))	G,H,U	4
250	BACR15BB5AD		..RIVET- (SIZE DETERMINE ON INST)	G,H,U	4
255	BACR15BA5AD		..RIVET- (SIZE DETERMINE ON INST)	G,H,U	2
260	417T4258-11		..PAN	G,H,U	1
265	417T4258-12		..TRAY	G,H,U	1

- Item Not Illustrated

35-21-01

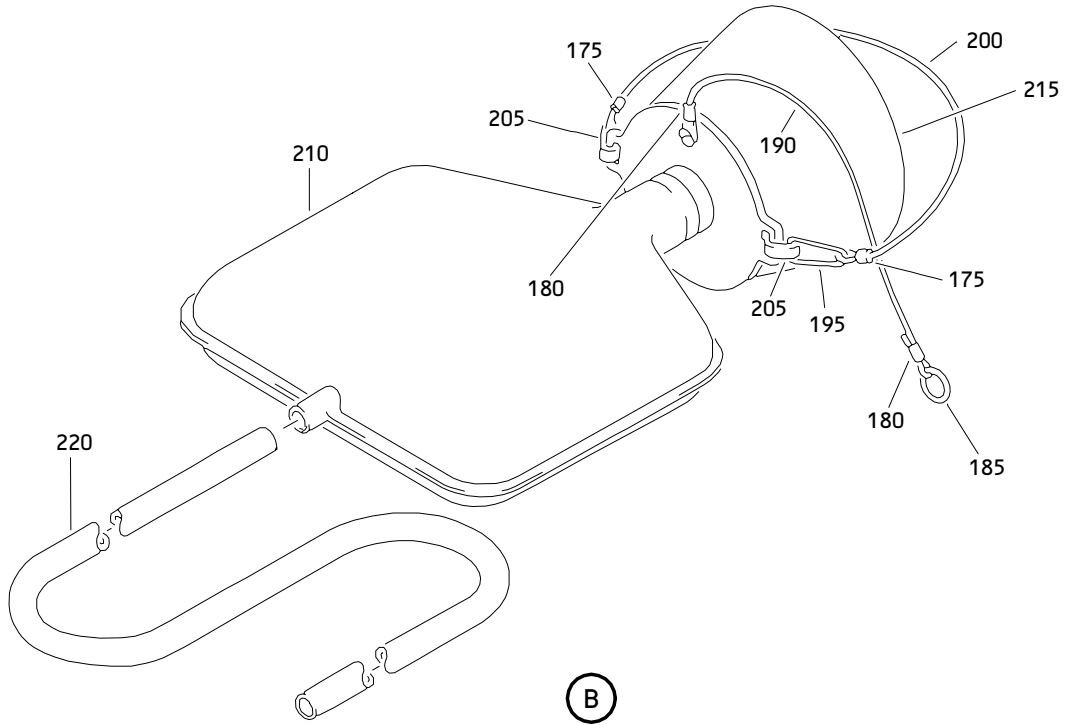
ILLUSTRATED PARTS LIST
 01.1 Page 1032
 Nov 01/01



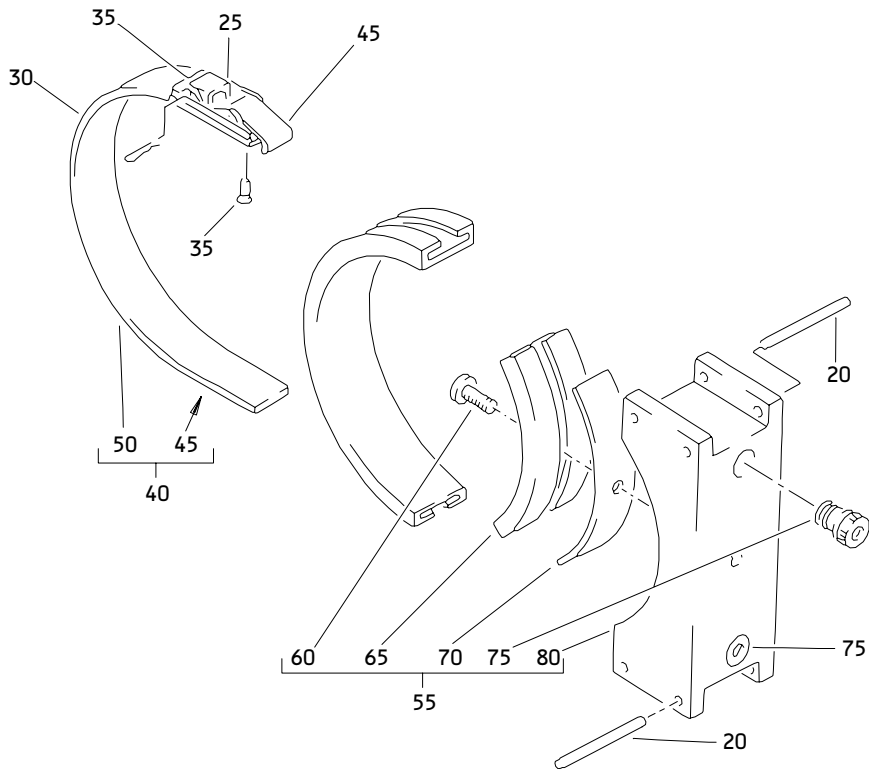
Outboard Oxygen Module Assembly
 Figure 3 (Sheet 1)

35-21-01

ILLUSTRATED PARTS LIST
 01.1 Page 1034
 Nov 01/01



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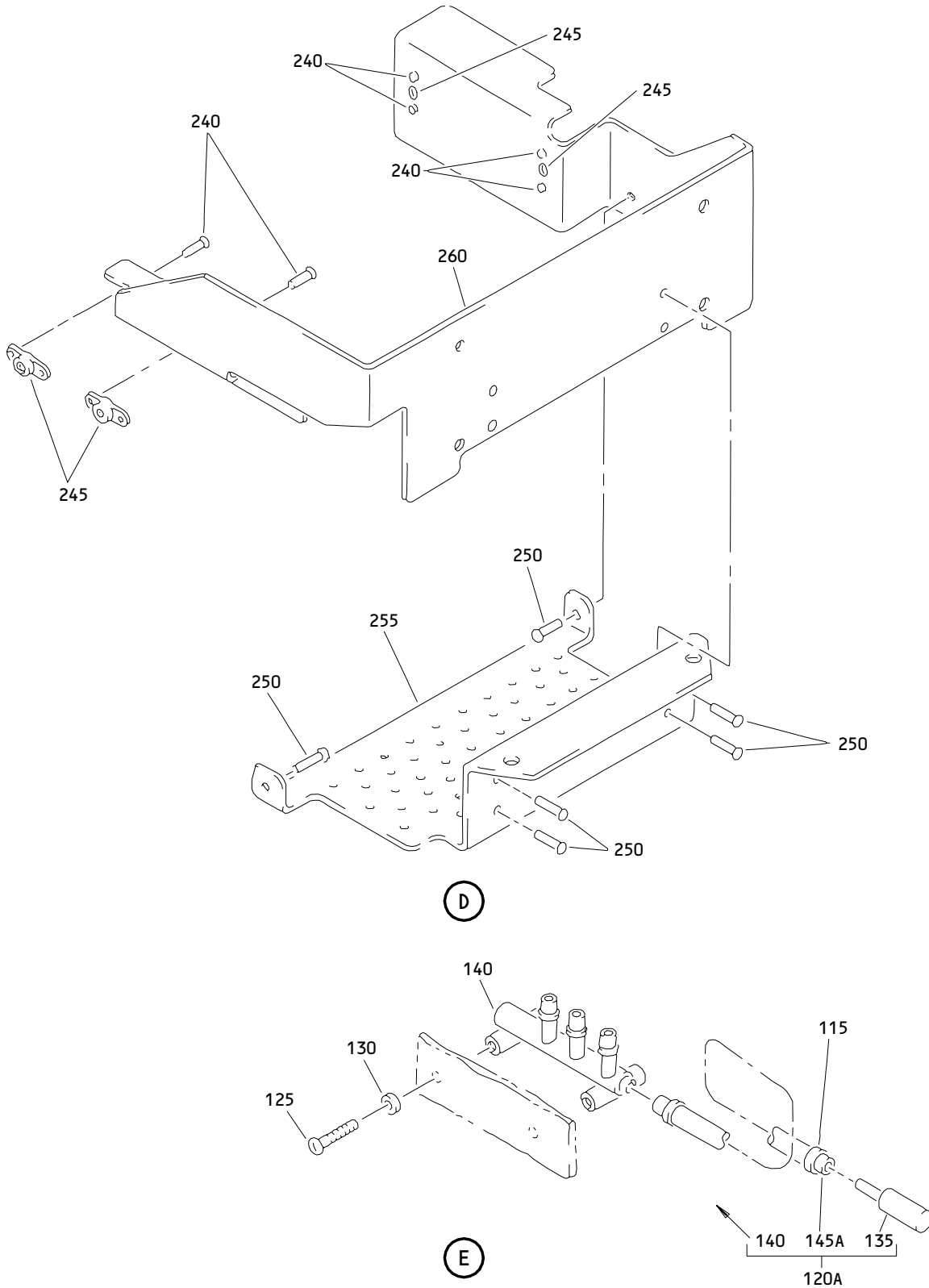


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Outboard Oxygen Module Assembly
 Figure 3 (Sheet 2)

35-21-01

ILLUSTRATED PARTS LIST
 01.1 Page 1035
 Nov 01/01



**Outboard Oxygen Module Assembly
 Figure 3 (Sheet 3)**

35-21-01

ILLUSTRATED PARTS LIST
 01.1 Page 1036
 Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-					
R -1	417T4200-223		MODULE ASSY-OUTBD OXY	M	RF
R -1A	417T4200-323		MODULE ASSY-OUTBD OXY	S	RF
5	417T4250-8		.CLAMP ASSY	M,S	1
10	417T4250-9		.CLAMP ASSY	M,S	1
15	BACS12FA3K6		ATTACHING PARTS .SCREW	M,S	4
R 20	5-64X11-8MDP		-----*----- ..PIN- (V00287) (OPT ITEM 20A, 20B)	M,S	2
R -20A	MS39086-26		..PIN-SPRING (OPT ITEM 20, 20B)	M,S	2
R -20B	CZ0781125		..PIN-SPRING (ONHT3) (OPT ITEM 20, 20A)	M,S	2
25	417T4250-20		..COVER-STRAP	M,S	1
30	AN415-4		..PIN-LOCK	M,S	1
-30A	23		DELETED		
35	BACR15BB3AD		..RIVET	M,S	2
40	417T4250-14		..STRAP ASSY	M,S	1
45	30L20-2AA		...LATCH- (V29372)	M,S	1
50	417T4250-17		...STRAP	M,S	1
55	417T4255-5		..BLOCK ASSY	M,S	1
60	MS21207C4-4		...SCREW	M,S	1
65	417T4255-4		...COVER-STRAP	M,S	1
70	417T4255-3		...STRAP	M,S	1
75	6041-3BR0375		...INSERT- (V01556)	M,S	2
80	417T4255-6		...BLOCK	M,S	1

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1037

Nov 01/01

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-85	S417T401-23		DELETED		
85A	117003-23		.GENERATOR- (V16827) (SPEC S417T401-23)	M,S	1
90	417T4262-1		.CABLE ASSY-RELEASE (LIMITED) (OPT ITEM 90A)	M	1
-90A	417T4262-3		.CABLE ASSY-RELEASE (LIMITED) (OPT ITEM 90)	M	1
R -90B	417T4262-3		.CABLE ASSY-RELEASE	S	1
95	MS20659-102		..TERMINAL- (OPT ITEM 95A)	M,S	1
-95A	A87		..TERMINAL- (V59730) (OPT ITEM 95)	M,S	1
100	417T4307-1		..PIN- (USED ON ITEM 90)	M	1
-100A	417T4307-2		..PIN- (USED ON ITEMS 90A, 90B)	M,S	1
105	417T4308-1		..STOP-LANYARD	M,S	1
110	417T4262-2		..ROPE-WIRE	M,S	1
115	7-0-505R		DELETED		
R 115A	70-505R		.CLAMP-CIRCLE (V25281)	M	1
R -115B	70-505RD		.CLAMP-CIRCLE (V25281)	S	1
120	417N3138-3		DELETED		
120A	417N3138-36		.LINE ASSY-SUPPLY ATTACHING PARTS	M,S	1
125	MS51861-35		.SCREW	M,S	2
130	AN960-8		DELETED		
R 130A	NAS1149FN832P		.WASHER	M,S	2
135	417N3138-9		DELETED		
140	417N3138-7		..MANIFOLD	M,S	1
145	417N3138-6		DELETED		
145A	417N3138-41		..HOSE-FLEX	M,S	1
150	NAS601-6		DELETED		
R 150A	NAS601-7		.SCREW	M,S	4
155	AN960KD6L		DELETED		
R 155A	NAS1149DN616K		.WASHER	M,S	4
160	MS35489-33X		.GROMMET	M,S	3
165	417T4306-4		.BOX	M,S	1

35-21-01

 ILLUSTRATED PARTS LIST
 01.1 Page 1038
 Nov 01/01


BOEING
 COMPONENT
 MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-					
170	417T4205-142		.MASK ASSY-PASS.	M	3
-170A	289-801-052		.MASK ASSY-PASS. (V53655) (SPEC S418W001-107)	S	3
175	417T4205-7		..CLAMP-HEAD STRAP	M	2
180	417T4205-50		..CLAMP-LANYARD	M	2
185	417T4205-96		..RING- (OPT ITEM 185A)	M	1
R -185A	N0318		..SNAPHOOK- (V82399) (OPT ITEM 185)	M	1
190	417T4205-48		..LANYARD	M	1
195	318		..SNAPHOOK- (V82399)	M	1
200	417T4205-6		..STRAP-HEAD	M	1
205	417T4205-32		..CLIP-HEADSTRAP	M	2
210	417T4205-9		..BAG	M	1
215	417T4205-8		..MASK	M	1
220	417T4205-13		..TUBING	M	1
225	AJ3-20		.STUD- (V72794)	M,S	4
230	3		DELETED		
R 230A	N03		.RING-SNAP (V72794)	M,S	4
235	417T4258-15		.TRAY ASSY	M,S	1
240	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST)	M,S	8
245	BR2000A06		..NUTPLATE- (V52828) (SPEC BACN10JR06) (OPT K1000-06BAC (V15653)) (OPT NS103202-62 (V80539)) (OPT RMA9201-62 (V72962)) (OPT T8088S632 (V11815)) (OPT VN102A1-62 (V92215))	M,S	4

35-21-01

ILLUSTRATED PARTS LIST

01.1

Page 1039

Jul 01/04

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
03-250	BACR15BB5AD		..RIVET- (SIZE DETERMINE ON INST) -----*-----	M,S	6
255	417T4258-16		..PAN	M,S	1
260	417T4258-17		..TRAY	M,S	1

- Item Not Illustrated

35-21-01

ILLUSTRATED PARTS LIST
 01.101 Page 1040
 Jul 01/04