



ILC INDUSTRIES, INC. 350 PEAR STREET, DOVER, DELAWARE 19901

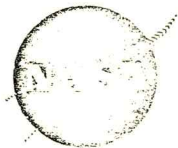
DOCUMENT NUMBER

8819700713C

RELEASE DATE

MODEL A7LB
APOLLO, SKYLAB & ASTP SPACE SUITS

ILLUSTRATED PARTS BREAKDOWN



NASA

APPROVED BY

MANAGER - APOLLO PROGRAM OFFICE, ILC INDUSTRIES, INC.

DATE

CONTRACT NUMBER

NAS 9-6100, SCHEDULE IV

PARAGRAPH NUMBER

MOD 333S, MOD 433S, MOD 586S

THIS DOCUMENT HAS BEEN DOWNGRADED
FROM A TYPE I CATEGORY TO A TYPE II
CATEGORY

MANAGERS ARE RESPONSIBLE FOR BRINGING THIS PUBLICATION
TO THE ATTENTION OF ALL PERSONNEL ENGAGED IN APOLLO SUIT
ACTIVITIES

31 JULY 1973

CONTENTS

<u>SECTION</u>	<u>FIGURE NO.</u>	<u>TITLE</u>	<u>PAGE</u>
		List of Effective Pages	A
		Contents	B
		Document Change and Maintenance Policy	i
		List of Abbreviations	ii
		Field Optional Items	v
I		Introduction	1-1
II	1	A7LB EV Separable Components	2-1
	2	A7LB Integrated EV Torso Limb Suit Assy	2-3
	3	A7LB EV Torso Limb Suit Assy	2-8
	4	EV TLSA Liner Assy	2-27
	5	EV TLSA Torso Assy	2-31
	6	EV TLSA Upper Arm Assy	2-44
	7	EV TLSA Lower Arm Assy	2-47
	8	EV TLSA Leg Assy	2-50
	9	EV TLSA Boot Assy	2-57
	10	Outer Gas Connector Housing	2-61
	11	Inner Gas Connector Housing	2-63
	12	Diverter Valve Knob and Shaft Assy	2-65
	13	Diverter Valve and Duct Seal Assy	2-67
	14	Diverter Valve Inner Housing Assy	2-69
	15	Multiple Water Connector	2-71
	16	Attaching Neck Ring Assy	2-73
	17	Suit Side Wrist Disconnect	2-75
	18	Glove Side Wrist Disconnect	2-77
	19	EV Glove Assy	2-79
	20	IV Pressure Glove Assy	2-84
	21	Pressure Helmet Assy	2-88
	22	EV Integrated TMG Assy	2-91
III	23	CMP Separable Components	3-1
	24	CMP Integrated TLSA	3-3
	25	CMP Torso Limb Suit Assy	3-7
	26	CMP Liner Assy	3-23
	27	CMP Torso Assy, PGA	3-27

CONTENTS (continued)

<u>SECTION</u>	<u>FIGURE NO.</u>	<u>TITLE</u>	<u>PAGE</u>
	28	CMP Leg Assy	3-32
	29	CMP Boot Assy, PGA	3-37
	30	Upper Gas Connector	3-40
	31	Lower Gas Connector	3-43
	32	Neck Ring Assy, PGA	3-46
	33	CMP Cover Layer Assy	3-48
IV	34	Skylab Separable Components	4-1
	35	Skylab Integrated TLISA	4-3
	36	Skylab Integrated Torso Limb Suit Assy	4-7
	37	Skylab TLISA Boot Assy	4-26
	38	Skylab ITMG Assy	4-29
V	39	ASTP Separable Components	5-1
	40	ASTP Integrated TLISA	5-3
	41	ASTP Torso Limb Suit Assy	5-6
	42	ASTP Cover Layer Assy	5-21
VI	43	Liquid Cooling Garment	6-1
	44	LCG Interconnect Adapter	6-10
	45	Lunar Extravehicular Visor Assy	6-12
	46	Skylab Extravehicular Visor Assy	6-17
	47	Purge Valve Assy	6-25
	48	Feedport Mounted Purge Valve	6-28
	49	Lunar Boot Assy	6-30
	50	Neck Dam Assy	6-32
	51	Neck Ring Dust Cover Assy	6-34
	52	Wrist Dam Assy	6-35
	53	Suit Electrical Harness	6-36
	54	Bio Harness Assy	6-38
	55	CWG Electrical Harness	6-39
	56	SIP Bio Harness	6-41
	57	SIP Electrical Harness	6-42
	58	EMU Maintenance Kit	6-43
	59	OWS PGA Maintenance Kit	6-47
	60	Helmet Stowage Bag Assy	6-51
	61	SEVA Stowage Bag	6-54
	62	Helmet Shield Assy	6-57

CONTENTS (continued)

<u>SECTION</u>	<u>FIGURE NO.</u>	<u>TITLE</u>	<u>PAGE</u>
	63	Fecal Containment Subsystem	6-59
	64	Constant Wear Garment	6-60
	65	Inflight Coverall Garment	6-61
	66	Inflight Helmet Stowage Bag	6-62
	67	Urine Collection/Transfer Assy	6-63
	68	Communications Carrier	6-64
	69	Protective Covers	6-65
VII		Numerical Index	7-1

8819700713C

DOCUMENT CHANGE AND MAINTENANCE POLICY

(THRU PHASE I OF ASTP ONLY)

This manual reflects A7LB Contract End Items as defined in Contract NAS 9-6100.

Changes to the manual shall be incorporated by the replacement, addition, or deletion of pages as required by ECP, CCA, ECO, etc., and as regulated by Contract NAS 9-6100 and the ILC Configuration Management Plan.

Authority for changes shall be included on the DCN and each change shall include a revised List of Effective Pages denoting the pages added, deleted, or changed by the current change.

Control and distribution of the document shall be maintained by the following ILC Technical Libraries:

ILC, Dover, Delaware

ILC/JSC, Houston, Texas

ILC/KSC, Cape Kennedy, Florida

LIST OF APPLICABLE DOCUMENTS

8819700712 Maintenance Manual

LIST OF ABBREVIATIONS

ADP	Acceptance Data Package
AR	As Required
ASSY	Assembly
ASTP	Apollo/Soyuz Test Project
Bio	Biomedical
Bkdn	Breakdown
CEI	Contract End Item
CLA	Cover Layer Assembly
CMP	Command Module Pilot
Comm	Communications
Cres	Corrosion Resistant Steel
CWG	Constant Wear Garment
Dia	Diameter
EMU	Extravehicular Mobility Unit
EV	Extravehicular
EVA	Extravehicular Activity
FCS	Fecal Containment Subsystem
Fig	Figure
FOI	Field Optional Item
GFE	Government Furnished Equipment
Hd	Head
HSA	Helmet Shield Assembly

LIST OF ABBREVIATIONS

HSB	Helmet Stowage Bag
H ₂ O	Water
Inbd	Inboard
ITLSA	Integrated Torso Limb Suit Assembly
ITMG	Integrated Thermal Micrometeoroid Garment
IV	Intravehicular
LCG	Liquid Cooling Garment
LEVA	Lunar Extravehicular Visor Assembly
Lg	Long
LH	Left Hand
LM	Lunar Module
MK	Maintenance Kit
NASA	National Aeronautics and Space Administration
NHA	Next Higher Assembly
OWS	Orbital Work Shop
Outbd	Outboard
PCU	Pressure Control Unit
Press	Pressure
PRV	Pressure Relief Valve
PLSS	Portable Life Support System
PV	Purge Valve
PVC	Polyvinylchloride

LIST OF ABBREVIATIONS

QTY	Quantity
Rd	Round
REF	Reference
Reinf	Reinforcement
RH	Right Hand
S/A	Sub Assembly
S/C	Spacecraft
SEVA	Skylab Extravehicular Visor Assembly
SIP	Safety Instrumentation Package
SITMG	Skylab Integrated Thermal Micrometeoroid Garment
SLSS	Secondary Life Support System
S/N	Serial Number
SSB	Skylab Extravehicular Visor Assembly Stowage Bag
Std	Standard
SUB	Subsequent
TLSA	Torso Limb Suit Assembly
TPS	Test Preparation Sheet
UCD	Urine Collection Device
UCTA	Urine Collection/Transfer Assembly

8819700713C

FIELD OPTIONAL ITEMS

INTEGRATED TLSA

Liner Assembly Comfort Pads

Chin Pad Attached to TLSA Liner

Neck Dam Lanyard Custom Length and Optional Pocket Location

Orientation of Gas and Water Connector Locks

Custom Length of UCTA Hose

Orientation and/or Length of Electrical Harness Keeper Tabs

Custom Size and/or Modification of Comfort Gloves

Utilization of Wristlets

Location of Neck Restraint Turn Around Bracket

Shortening or Removal of Leg Mobility Straps (ITMG)

Location of Strap on Pockets (ITMG)

Removal of Contingency Sample Container Adapter in Data List
Pocket (ITMG)

Separation of Scissors Pouch from Checklist Pocket (ITMG)

Sizing Laces Adjustments

"B" SLSS Lanyard Anchorage or Stowage Provisions on ITLSA
and LEVA

ITMG Boot Donning Aid Straps

Crew Commander Identification Bands

Position of UCTA Cover and Transfer Hose Assembly (30° or
90° Rotation)

Utilization of Data List Pockets at Four Locations

Positive Interface for Utility Pocket

Lower Arm Tethers

In-Flight Donning Aid

FIELD OPTIONAL ITEMS (continued)

EV and IV Gloves

Custom Length of Palm Restraint

Incorporation of Lunar Surface EVA Checklist (EV Only)

Comfort Pads on Wrist Disconnect

Position of Capstan

Helmet

Incorporation of Val-salva Device

LCG

Customer Modification of LCG Including Comfort Pads

Neck Cover Provision

Use of Either Inboard or Outboard UCTA Pass-Thru Hole

Installation of Elbow, Fly and Shoulder Inserts

FECAL CONTAINMENT SYSTEM

Sewn-up Frontal Opening

SEVA STOWAGE BAG

Selection of Crew Position Label

SECTION I

INTRODUCTION

1.1 PURPOSE

This Illustrated Parts Breakdown list describes and illustrates the replaceable parts of Model A7LB Apollo, CMP, Skylab and ASTP Contract End Items manufactured by ILC Industries, Inc., Dover, Delaware, under Contract NAS 9-6100. Also included are various Contract End Items from vendors who supply items not carried under ILC part numbers. Generally, the listing of parts is limited to those required to support the maintenance tasks outlined in ILC Document 8819700712 (Maintenance Manual). This publication is divided into seven sections as indicated in the Table of Contents.

1.2 GROUP ASSEMBLY PARTS LIST

1.2.1 GENERAL. The Group Assembly Parts List (Sections II, III, IV, V, and VI) contains a listing of parts comprising A7LB Contract End Items. Each main group or subassembly parts list is preceded by an illustration showing the relationships among the listed parts. Parts lists of sub-assemblies illustrated separately follow the main assembly with which they are associated.

1.2.1.1 A7LB EV Configuration. Section II covers the breakdown of the EV Integrated Torso Limb Suit Assembly and separable components necessary to form a pressurized envelope.

1.2.1.2 A7LB CMP Configuration. Section III covers the breakdown of the CMP Integrated Torso Limb Suit Assembly. Components common to EV and CMP configurations are listed in Section II and referenced only in Section III.

1.2.1.3 Skylab Configuration. Section IV covers a breakdown of the Skylab Integrated Torso Limb Suit Assembly. Components common to EV and Skylab configurations are listed in Section II and referenced only in Section IV.

1.2.1.4 ASTP Configuration. Section V covers a breakdown of the ASTP Integrated Torso Limb Suit Assembly. Components common to EV/Skylab and CMP configurations are listed in Section II, III or IV and referenced only in Section V.

1.2.1.5 Garment Accessories. Section VI covers a breakdown of Garment Accessories for the A7LB EV, A7LB CMP, Skylab and ASTP configurations.

1.2.2 FIGURE AND INDEX NUMBER. Figure and index numbers appear in the first column of the Group Assembly Parts List. The number preceding the dash indicates the figure number of the illustration which shows the assembly. The numbers following the dash indicate the parts within that figure.

1.2.3 MANUFACTURER'S PART NUMBER. The second column of the Group Assembly Parts List identifies parts by a part number. The format used in establishing the ILC part number is as follows:

A 7 L B - 1 C 8 0 0 8 - 01

Part Number Suffix
Component or Part
Sub-Assembly
Pattern Type*
Contract End Item
Assembly
Model Series
ILC Designator
Model
Apollo

- *C - Custom size number assigned to crewman.
- S - Standard - Small, Medium, Large, X-Large.
- Z - Sized.
- O - No pattern; part completely defined by drawing.

Part numbers beginning with AN or MS are standard part numbers. The Vendor's Identity Code, when applicable, is included in the description column of the Group Assembly Parts Lists. When sized or custom part numbers appear, the Acceptance Data Package must be consulted to determine appropriate size for the particular serial numbered assembly.

1.2.4 CODED INDENTATION (LEVEL). The third column of the Group Assembly Parts List contains a coded indentation to indicate item relationship. This IPB does not reflect all assemblies nor all parts within a specific assembly. Therefore, the indentation does not necessarily denote a complete breakdown sequence.

1.2.5 DESCRIPTION. The fourth column of the Group Assembly Parts List contains a brief description of each part and serialization. Serial numbers will be listed on major assemblies only. (ITLSA, LCG, LEVA, etc.) Refer to the major assembly for the applicable serial number. Each listed assembly is followed by

its components, indented to show its relationship to the assembly as well as to the main unit.

1.2.6 QUANTITY PER ASSEMBLY. The fifth column of the Group Assembly Parts List indicates the quantity of the particular part required in the next higher assembly. The abbreviation REF is used in place of a number where the item is listed for reference only. The abbreviation AR is used when an indeterminate amount of a substance or material is used.

1.2.7 USABLE ON CODE. The sixth column of the Group Assembly Parts List contains coding for assemblies and parts for specific usability. The absence of a code number or numbers in this column indicates the part is used on all assemblies referenced in that figure.

1.3 NUMERICAL INDEX

1.3.1 GENERAL. The Numerical Index (Section VII) is compiled in accordance with the following alpha-numerical arrangement sequence:

- a. Part Number arrangement begins with the left most symbol of the part number and continues from left to right, one symbol at a time, until the part number sequence is obtained.
- b. The order of precedence in alpha-numerical order is as follows:

Letters A through Z (I and O are not used)
Numerals 0 through 9
Space
Dash
Letter A through Z (I and O are not used)
Numerals 0 through 9

1.3.2 MANUFACTURER'S PART NUMBER. The numbers in the first column of the Numerical Index correspond to those found in the Part Number column of the Group Assembly Parts List (Sections II, III, IV, V or VI).

1.3.3 FIGURE AND INDEX NUMBER. The second column of the Numerical Index contains the figure and index number of the applicable parts as assigned to the Group Assembly Parts List. When a part has not been assigned an index number, only the figure number appears in the column.

1.3.4 QUANTITY PER ASSEMBLY. The third column contains the total units required per article. The abbreviation AR is used when no definite quantity can be shown.

1.4 CROSS INDEX SYSTEM

1.4.1 WHEN PART NUMBER IS KNOWN

1. If the Part Number is known, refer to the Numerical Index in Section VII. Find the Part Number and note the assigned figure and index number.
2. In the indicated figure number, locate the index number obtained from the Numerical Index.
3. Refer to the same index number on the accompanying illustration for pictorial representation or relative location.

1.4.2 WHEN PART NUMBER IS NOT KNOWN

1. From the Table of Contents, select the appropriate title of the major assembly in which the part is used. Note the page number of the related illustration.
2. Turn to the illustration and locate the desired part.
3. Obtain the index number for the part desired from the illustration, then refer to the description for specific part information.

1.5 FIELD OPTIONAL ITEMS

The Usable on Code identifies normal ILC delivered configuration assignments. However, by field option, specific assemblies may be utilized and will be identified in the TPS Log of the ADP for the affected CEI. Field optional items are shown on page v.

1.6 CLASS III CEI'S AND SEPARABLE COMPONENTS

The following items were Class III at the time of this revision; therefore, no configuration is shown. As future items are downgraded to Class III, they will be listed below and will be shown in their respective sections as the configuration at the time of downgrading.

A7LB-100006 - ITLSA, EV and Skylab - 301 thru 305,
307 thru 315, 320, 321, 322, 324, 328, 329, 602
thru 613.

A7LB-203034 - Glove Assy, EV - 301 thru 305, 309
thru 319, 322, 323, 325, 326, 330, 332, 333, 337
thru 343, 346 thru 355, 358

A7LB-103011 - Glove Assy, Pressure, IV - 303 thru
306, 309 thru 319, 323, 325, 326, 327, 330, 332,
333, 337 thru 343, 346 thru 356

A7LB-102053 - Pressure Helmet Assy - 303, 307,
517, 518, 519, 521, 522, 523, 526, 527

A7LB-100008 - ITLSA, CMP - 082, 094

A6L-400000 - Liquid Cooling Garment - 008, 009,
012, 013, 019, 027, 032, 033, 036, 039, 040, 045,
050, 052, 057, 058, 062 thru 066, 070 thru 074,
076 thru 079, 081, 092, 097 thru 100, 104, 106,
108, 110, 112, 114 thru 118, 120, 130, 133 thru
136, 139 thru 150

A7L-205000 - LEVA - 001 thru 012, 015 thru 021

A7LB-509000 - SEVA - 602, 603, 607

A6L-505000 - Purge Valve - 101A, 102A, 103, 104,
107 thru 122, 124, 129, 133, 136, 137, 143, 144,
145, 148, 149, 153, 154, 155, 157, 163, 164, 167,
169, 174, 175, 178, 179, 192, 193, 194, 199, 201,
211

A7LB-100020 - Feedport Mounted Purge Valve -
608 thru 611

A7LB-109040 - Suit Electrical Harness - 301, 303,
304, 307 thru 315, 320, 321, 322, 328, 339, 544

A7LB-109043 - Bio Harness - 109, 111, 303, 304,
305, 507, 512, 523

A6L-503000 - EMU Maintenance Kit - 001, 003, 008,
009, 010, 012, 013, 014, 016 thru 020, 023, 027,
028, 029, 031, 034, 036, 038, 040 thru 046, 050,
051, 053, 054, 055, 056, 062, 063, 067

A7LB-508000 - OWS/PGA Maintenance Kit - 602

A6L-502000 - Helmet Stowage Bag - 007 thru 010,
012 thru 019, 023, 024, 027, 028, 029, 032 thru
038, 041 thru 044, 046 thru 051, 054, 055, 056,
060, 062, 064, 067, 069 thru 073, 076, 077, 081,
082, 083, 085, 086, 089, 091 thru 094

A6L-502030 - SEVA Stowage Bag - 601, 603, 604,
605, 611, 614

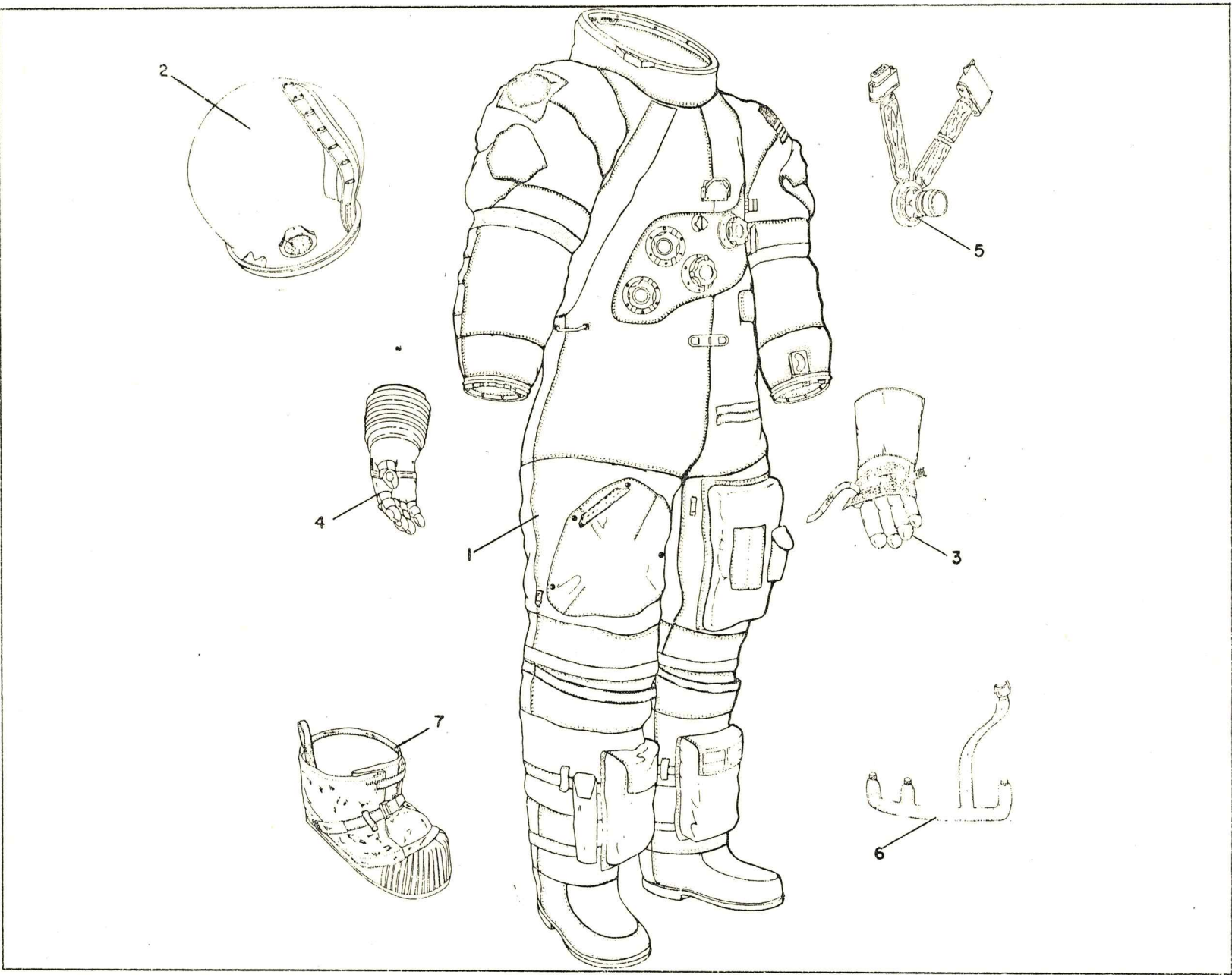


Figure 1 A7LB EV Separable Components

Fig & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
1-			A7LB EV SEPARABLE COMPONENTS		
-1	A7LB-100006		TLSA, Integrated, EV (See Fig 2 for Bkdn)	REF	
-2	A7LB-102053		HELMET ASSY, Enlarged (See Fig 21 for Bkdn)	REF	
-3	A7LB-203034		GLOVE ASSY, EV (See Fig 19 for Bkdn)	REF	
-4	A7LB-103011		GLOVE ASSY, Pressure, IV (See Fig 20 for Bkdn)	REF	
-5	A7LB-109040		HARNESS ASSY, Electrical, Suit (See Fig 53 for Bkdn)	REF	
-6	A7LB-109043		HARNESS ASSY, Bio (See Fig 54 for Bkdn)	REF	
-7	A7LB-106062		BOOT ASSY, Lunar (See Fig 49 for Bkdn)	REF	

6819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

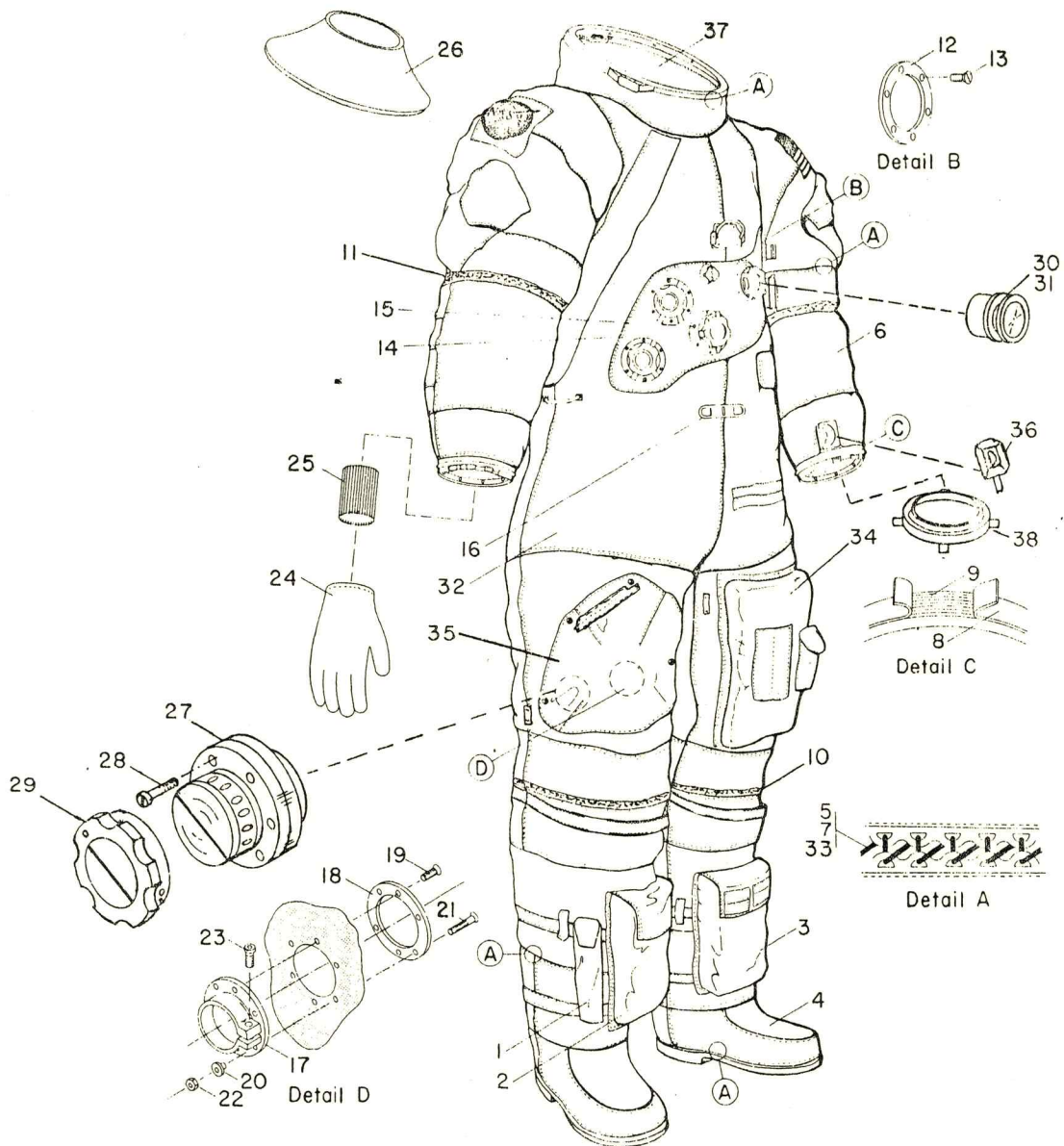


Figure 2 A/LB Integrated EV Torso Limb Suit Assembly

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
2-	A7LB-100006-05	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 306	REF	-05
	A7LB-100006-08	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 317	REF	-08
	A7LB-100006-14	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 319	REF	-14
	A7LB-100006-18	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 325, 327	REF	-18
	A7LB-100006-21	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 318, 330	REF	-21
	A7LB-100006-22	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 323, 326	REF	-22
	A7LB-100006-23	2	TLSA, Integrated, EV (See Fig 1 for NHA) S/N 316	REF	-23
-1	A7LB-201175-01	3	POCKET ASSY, Scissors	1	
-2	A7LB-201155-01	3	POCKET ASSY, Check List	1	-05,-08,-14,-21,-23
	A7LB-201155-02	3	POCKET ASSY, Check List	1	-18,-22
-3	A7LB-201156-01	3	POCKET ASSY, Data List	1	
-4	A7LB-206051-03	3	BOOT ASSY, ITMG, Left	1	-05,-08
	A7LB-206051-04	3	BOOT ASSY, ITMG, Right	1	-05,-08
	A7LB-206051-05	3	BOOT ASSY, ITMG, Left	1	-14,-18,-21,-22,-23
	A7LB-206051-06	3	BOOT ASSY, ITMG, Right (Attaching Part)	1	-14,-18,-21,-22,-23
-5	ST14N014-03	3	CORD, Nylon, 1/16" Dia ---*---	AR	
-6	A7LB-201170-01	3	ARM ASSY, ITMG, Lower, Left	1	
	A7LB-201170-02	3	ARM ASSY, ITMG, Lower, Right (Attaching Parts/Substance)	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
2-7	ST14N014-03	3	CORD, Nylon, 1/16" Dia	AR	
-8	A7LB-104138-01	3	RING, Wrist	1	
-9	ST14N016-01	3	CORE, Yarn	AR	
	ST31N003-01	3	ADHESIVE, Neoprene, Two-Part	AR	
-10	A7LB-201188-01	3	BAND, Identification, Crew Commander (FOI) (Attaching Part)	2	
	ST15N055-01	3	THREAD, Nomex	AR	
-11	A7LB-201188-02	3	BAND, Identification, Crew Commander (FOI) (Attaching Part)	2	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	
-12	A7L-201039-01	3	FLANGE, Outer, Electrical Connector	1	-05,-08,-14,-21,-23
	A7L-201039-02	3	FLANGE, Outer, Electrical Connector (Attaching Parts)	1	-18,-22
-13	A7L-109000-01	3	SCREW, Machine, Flat Hd ----*----	6	
-14	A7LB-109039-02	3	RING, Mounting, ITMG H ₂ O Connector (Attaching Parts)	1	
-15	MS35233-15	3	SCREW, Mounting ----*----	6	
-16	A7LB-101130-01	3	PLSS ATTACHMENT ASSY, Lower	1	
-17	A7L-201065-01	4	CLAMP, Mounting, UCD, ITMG	1	
-18	A7L-201066-01	4	RING, Mounting, UCD, ITMG (Attaching Parts)	1	
-19	AN507C440-4	4	SCREW, Machine, Flat Hd ----*----	5	
-20	A7L-201069-01	4	SPACER, Lanyard Connector, UCD	1	
-21	AN507C440-8	4	SCREW, Machine, Flat Hd	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
2-22	ST26S377-01	4	NUT, Self-locking	1	
-23	MS16995-9	4	SCREW, Socket Hd	1	
-24	A7L-103056-07	3	GLOVE ASSY, Comfort, LH	1	
	A7L-103056-08	3	GLOVE ASSY, Comfort, RH	1	
	A7L-103056-09	3	GLOVE ASSY, Comfort, LH	1	
	A7L-103056-10	3	GLOVE ASSY, Comfort, RH	1	
-25	A7L-101121-01	3	WRISTLET	2	
-26	A7L-101067-06	3	NECK DAM ASSY (See Fig 50 for Bkdn)	1	-05,-08
	A7L-101067-08	3	NECK DAM ASSY (See Fig 50 for Bkdn)	1	-14,-18,-21,-22,-23
-27	A7LB-109049-02	3	PRESSURE RELIEF VALVE (Attaching Part)	1	
-28	MS35233-18	3	SCREW, Mounting	6	
-29	A7LB-109050-01	3	CAP, PRV (Attaching Part)	1	
	ST14H447-01		CORD, Braided PBI, 8" Lg ----*----	AR	
-30	A7L-101006-05	3	CAP ASSY, Gas Connector, Blue	1	
-31	A7L-101006-06	3	CAP ASSY, Gas Connector, Red	1	
-32	A7LB-201177-06	3	TORSO ASSY, ITMG (Attaching Part)	1	
-33	ST14N014-03	3	CORD, Nylon, 1/16" Dia ----*----	AR	
-34	A7LB-201178-02	4	POCKET ASSY, Utility, EV	1	
-35	A7LB-201167-01	4	FLAP ASSY, UCD and PRV Access	1	
-36	A7LB-201180-01	3	COVER ASSY, Pressure Gage (Attaching Parts)	1	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	
-37	A7LB-100007-05	3	TLISA, EV (See Fig 3 for Bkdn)	1	-05,-08
	A7LB-100007-18	3	TLISA, EV (See Fig 3 for Bkdn)	1	-14,-18

88197007130

SECTION II
GROUP ASSEMBLY PARTS LIST

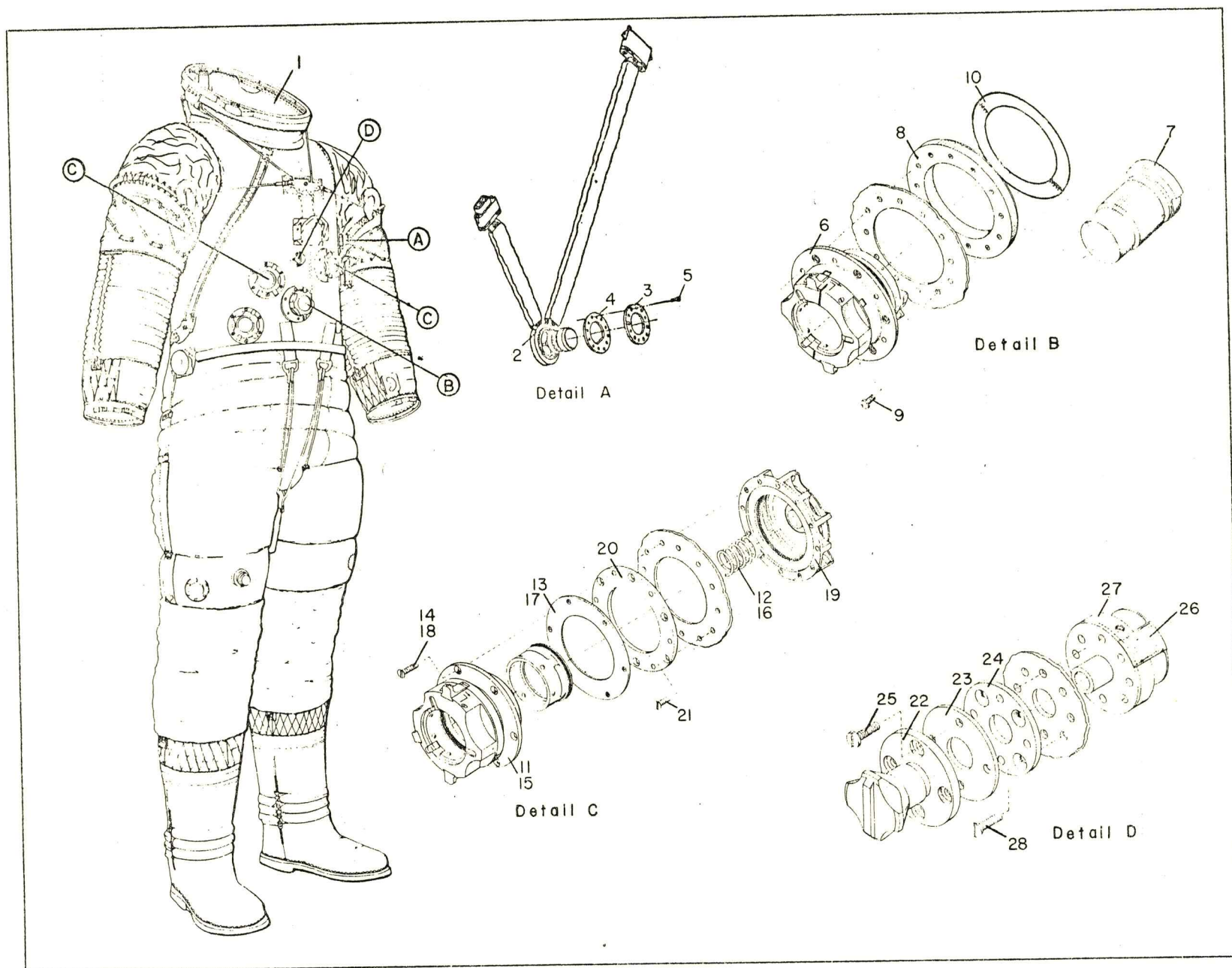
8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
2-37 (Cont)	A7LB-100007-20	3	TLSA, EV ((See Fig 3 for Bkdn)	1	-21,-22
	A7LB-100007-23	3	TLSA, EV (See Fig 3 for Bkdn)	1	-23
-38	A7LB-104162-01	3	COVER, Dust, Wrist Disconnect	2	-21,-22

Figure 3 (Sheet 1 of 6) A7LB EV Torso Limb Suit Assembly

2-8



8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

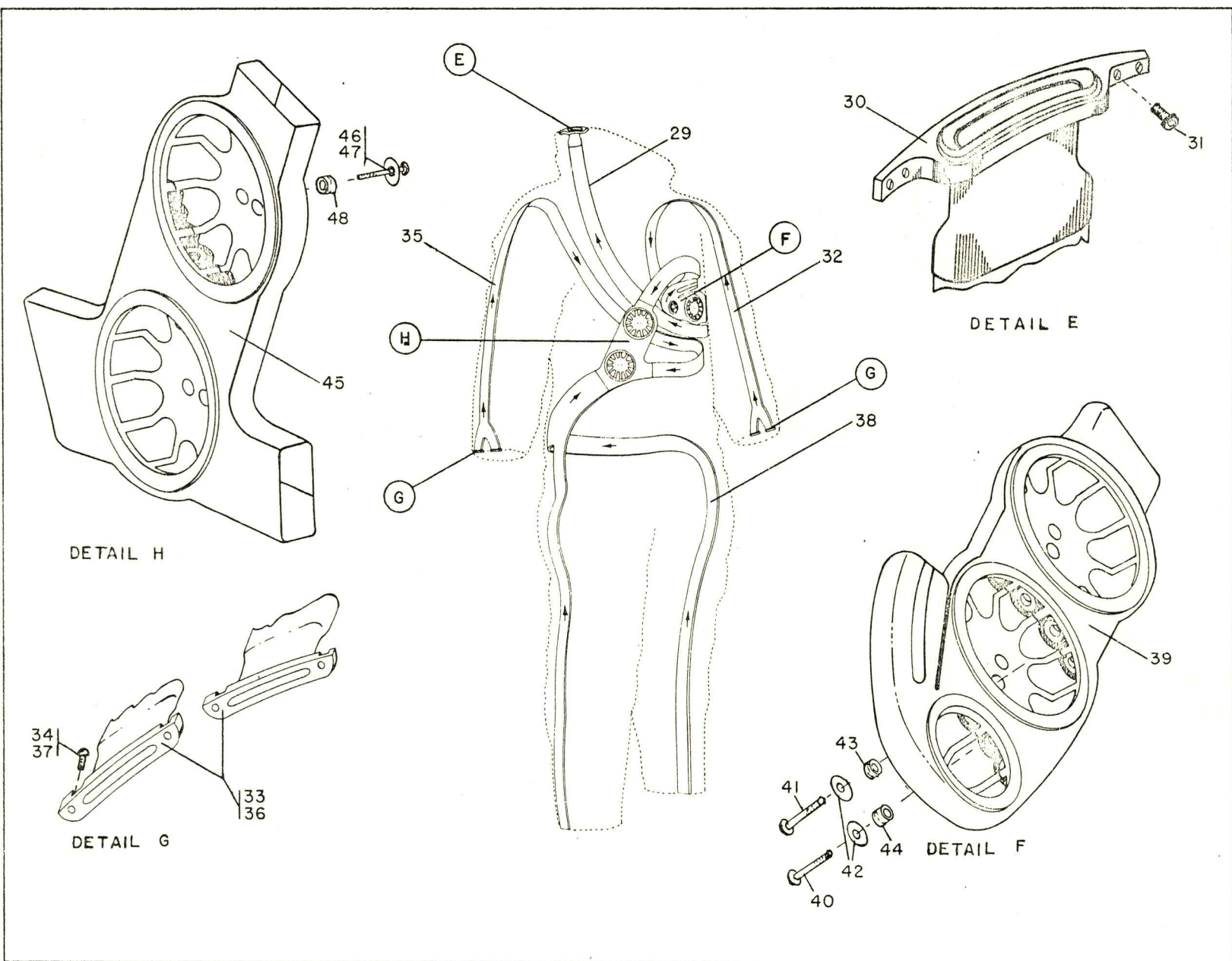


Figure 3 (Sheet 2 of 6) A7LB EV Torso Limb Suit Assembly

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

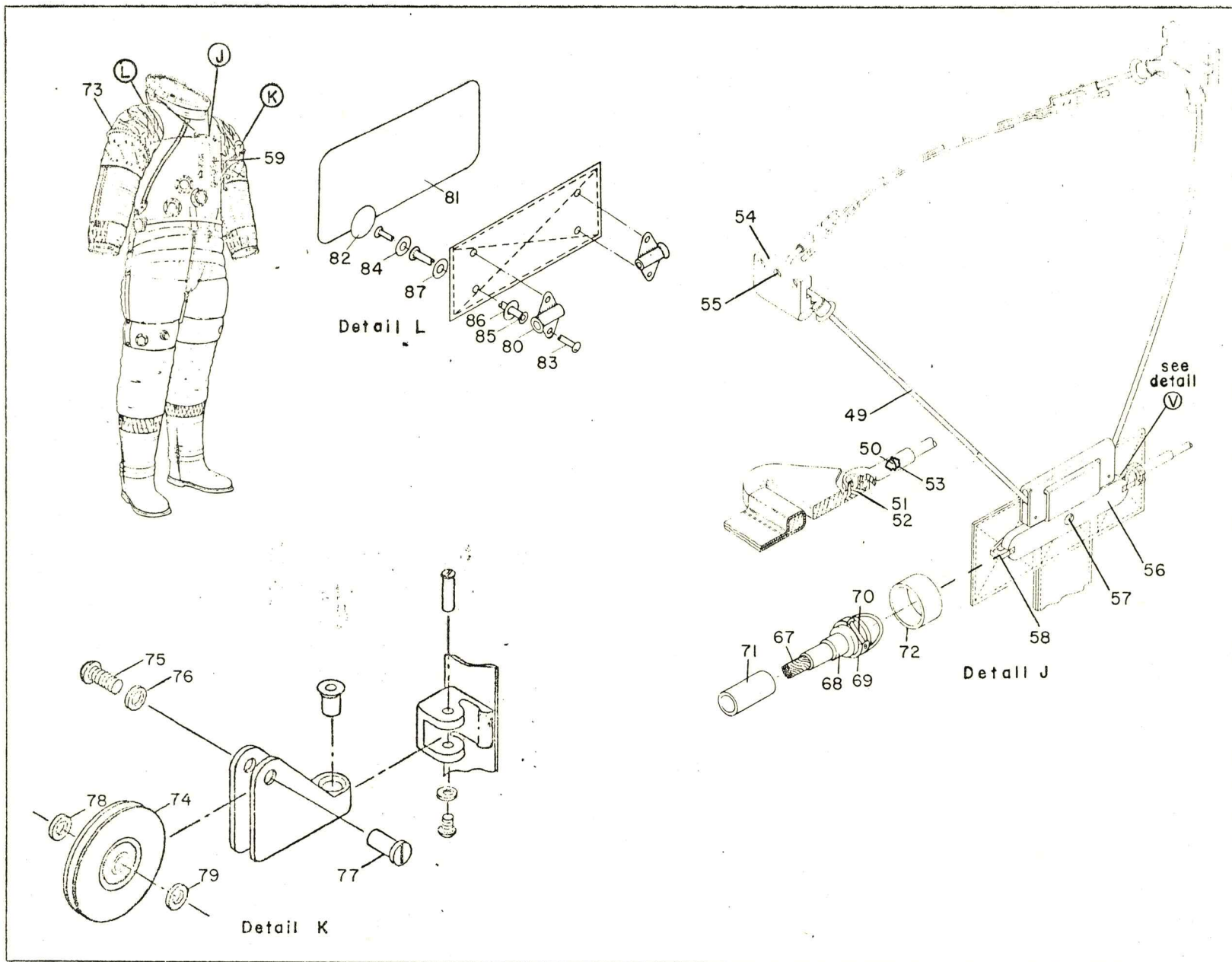


Figure 3 (Sheet 3 of 6) A7LB EV Torso Limb Suit Assembly

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

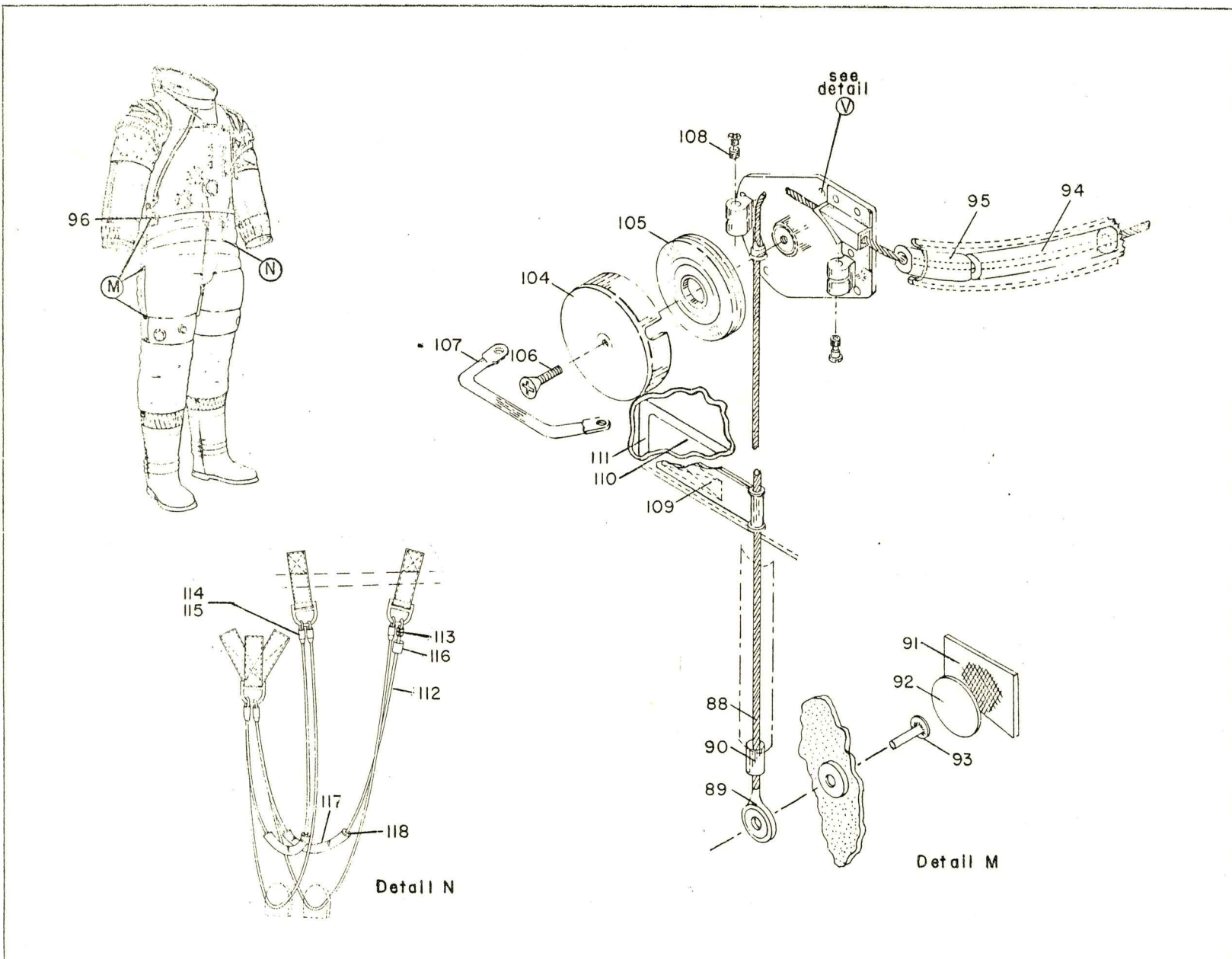


Figure 3 (Sheet 4 of 6) A7LB EV Torso Limb Suit Assembly

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

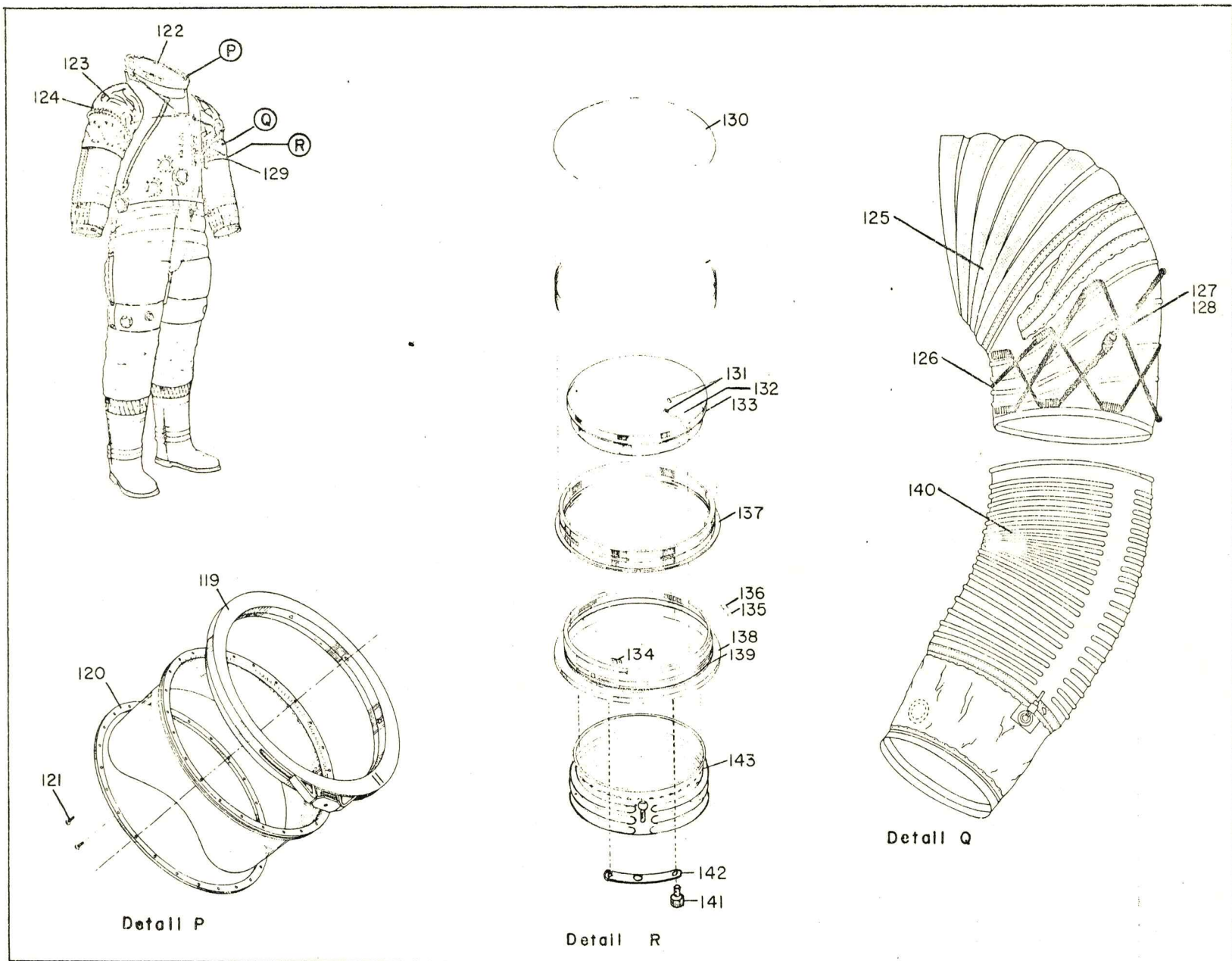


Figure 3 (Sheet 5 of 6) A7LB EV Torso Limb Suit Assembly

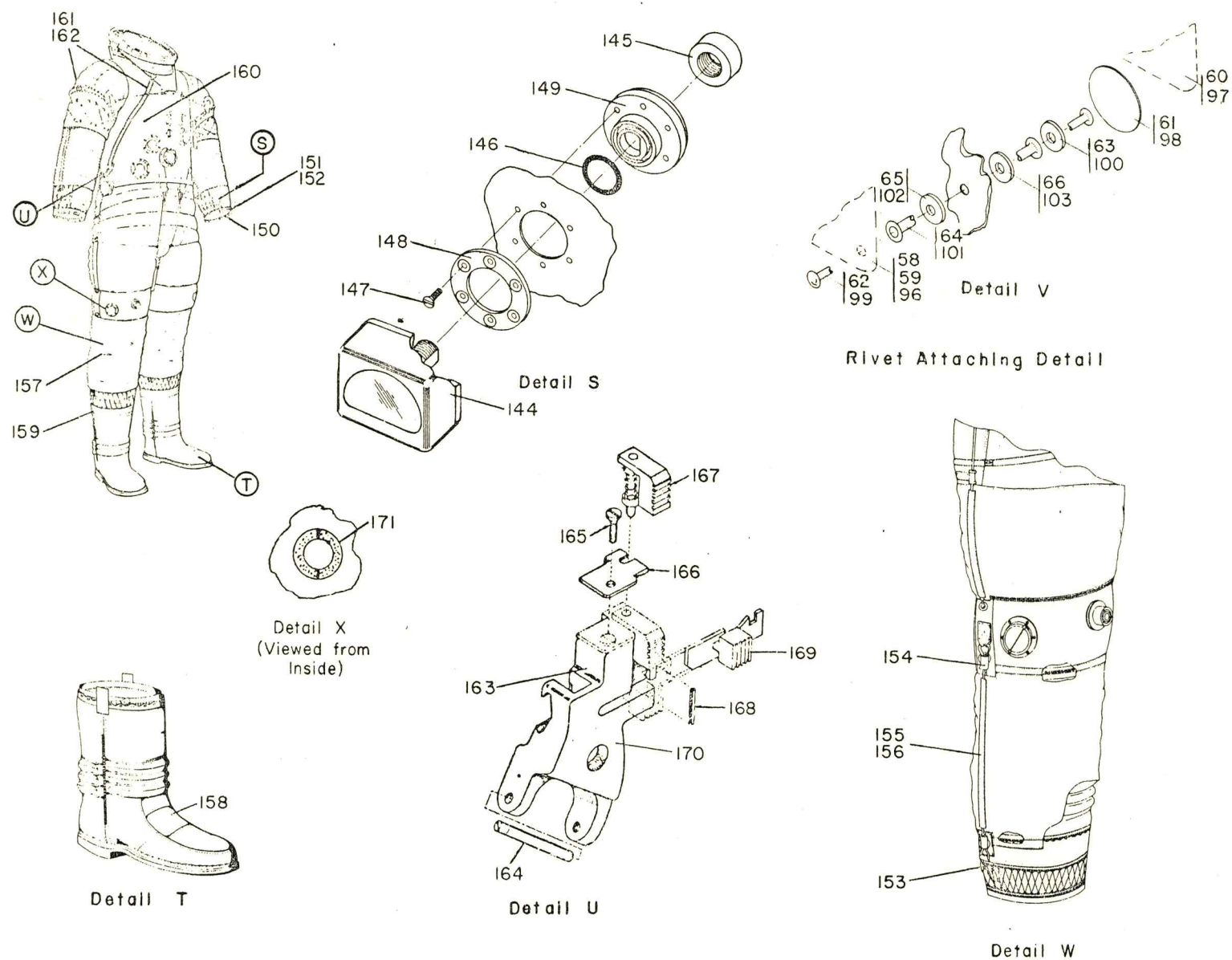


Figure 3 (Sheet 6 of 6) A7LB EV Torso Limb Suit Assembly

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
3-	A7LB-100007-05	3	TLISA, EV (See Fig 2 for NHA)	REF	-05
	A7LB-100007-18	3	TLISA, EV (See Fig 2 for NHA)	REF	-18
	A7LB-100007-20	3	TLISA, EV (See Fig 2 for NHA)	REF	-20
	A7LB-100007-23	3	TLISA, EV (See Fig 2 for NHA)	REF	-23
-1	A7LB-107028-06	4	LINER ASSY, TLISA (See Fig 4 for Bkdn)	1	
-2	A7LB-109040-01	4	HARNESSE, Electrical, Suit (See Fig 53 for Bkdn)	1	
-3	A6L-101017-02	4	FLANGE, Connector, Electrical, Outer	1	
-4	A6L-101016-04	4	FLANGE, Connector, Electrical, Inner (Use Part Number A7L- 109000-01 screws when securing to ITMG) (Attaching Parts/Substance)	1	
-5	MS35249-20	4	SCREW, 4-40 x 1/4, Cres	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-6	A7LB-109037-05	4	RECEPTACLE ASSY, Multiple H ₂ O Connector (See Fig 15 for Bkdn)	1	
-7	A7L-101035-01	4	PLUG, Water Connector	1	
-8	A7LB-109038-01	4	RING, Clamping, Multiple H ₂ O (Attaching Parts/Substance)	1	
-9	MS35233-13	4	SCREW	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-10	ST19V088-07	4	FASTENER TAPE, Hook 3 + 1/16 Lg (Attaching Substance)	2	
	ST31N308-01	4	ADHESIVE, Neoprene, One-Part	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
3-11	A7LB-109016-03	4	OUTER HOUSING ASSY, Inlet, Gas Connector (See Fig 10 for Bkdn)	2	
-12	A7LB-109020-01	4	SPRING, Gas Connector (Attaching Parts)	2	
-13	T1690	4	SPACER (To be removed when ITMG is installed)	2	
-14	AN505C4-6	4	SCREW ----*----	6	
-15	A7LB-109016-04	4	OUTER HOUSING ASSY, Outlet, Gas Connector (See Fig 10 for Bkdn)	2	
-16	A7LB-109020-01	4	SPRING, Gas Connector (Attaching Parts)	2	
-17	T1690	4	SPACER (To be removed when ITMG is installed)	2	
-18	AN505C4-6	4	SCREW ----*----	6	
-19	A7LB-109018-01	4	INNER HOUSING ASSY, Gas Con- nector (See Fig 11 for Bkdn)	4	
-20	A7LB-109017-01	4	PLATE, Mounting, Gas Connector (Attaching Parts/Sub stance)	4	
-21	AN505C4-4	4	SCREW, Mounting	6	
-22	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip	AR	
-22	A7LB-109023-01	4	KNOB AND SHAFT ASSY, Diverter Valve (See Fig 12 for Bkdn)	1	
-23	T1689	4	SPACER (To be removed when ITMG is installed)	1	
-24	A7LB-109025-01	4	PLATE, Mounting, Diverter Valve (Attaching Parts)	1	
-25	MS35233-15	4	SCREW ----*----	4	

8819700713C

GROUP ASSEMBLY PARTS
SECTION

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
3-26	A7LB-109045-01	4	DIVERTER VALVE AND DUCT SEAL ASSY (See Fig 13 for Bkdn)	1	-05
	A7LB-109045-02	4	DIVERTER VALVE AND DUCT SEAL ASSY (See Fig 13 for Bkdn)	1	-18,-20,-23
-27	A7LB-109024-01	4	INNER HOUSING ASSY, Diverter Valve (See Fig 14 for Bkdn)	1	
-28	AN505C4-4	4	SCREW, Mounting ----*----	4	
-29	A7LB-108028-02	4	DUCT ASSY, Vent, Helmet	1	-05
	A7LB-108028-03	4	DUCT ASSY, Vent, Helmet (Attaching Part)	1	-18,-20,-23
	ST14N014-02	4	CORD, Nylon, 1/16" Dia. ----*----	AR	
-30	A7LB-109011-01	5	VENT, Sub-Assy (Attaching Parts)	1	
-31	A7LB-109012-01	5	SCREW, Hex, Cap, Socket Hd ----*----	4	
-32	A7LB-108026-01	4	DUCT ASSY, Arm, Left (Attaching Part/Substance)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-33	A7LB-109031-01	5	VENT, Wrist Disconnect (Attaching Parts)	2	
-34	AN515C2-3	5	SCREW ----*----	4	
-35	A7LB-108027-01	4	DUCT ASSY, Arm, Right (Attaching Part/Substance)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	

8819700713C

SECTION II
GROUP - ASSEMBLY PARTS LIST

Fig & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
3-36	A7LB-109031-01	5	VENT, Wrist Disconnect (Attaching Parts)	2	
-37	AN515C2-3	5	SCREW ----*----	4	
-38	A7LB-108029-02	4	DUCT ASSY, Vent, Leg (Attaching Parts/Substance)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia	AR	
	ST15N018-04	4	THREAD, Nylon, Size E	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-39	A7LB-108018-04	4	PLENUM ASSY, Inlet and Torso	1	-05
	A7LB-108018-05	4	PLENUM ASSY, Inlet and Torso (Attaching Parts)	1	-18,-20,-23
-40	MS35233-3	4	SCREW	2	
-41	MS35233-2	4	SCREW	4	
-42	AN960C2L	4	WASHER, Flat	6	
-43	A7LB-108038-01	4	SLEEVE, Plenum Mounting, Diverter Valve	4	
-44	A7LB-108038-02	4	SLEEVE, Plenum Mounting, Diverter Valve	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-45	A7LB-108037-03	4	EXHAUST ASSY, Plenum Gas Connector	1	-05
	A7LB-108037-04		EXHAUST ASSY, Plenum Gas Connector (Attaching Parts/Substance)	1	-18,-20,-23
-46	MS35233-2	4	SCREW	4	
-47	AN960C2L	4	WASHER, Flat	4	
-48	A7LB-108038-01	4	SLEEVE, Plenum Mounting, Diverter Valve	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-49	ST29C304-01	4	CABLE, Preformed Wire 1/16" Dia (Attaching Parts)	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Level	Description	Qty Assy	Useable on Code
3-50	A7LB-101229-01	4	FITTING, Swage	2	
-51	A7LB-101235-01	4	RIVET, Shoulder Restraint, Rear Neck	2	
-52	MS15795-805	4	WASHER	2	
-53	ST16S046-06	4	TUBING, Shrinkable 1 1/4" + 1/8" long ---*---	2	
-54	A7LB-101122-02	4	BRACKET ASSY, Neck Turn- Around, Right	1	
	A7LB-101122-03	4	BRACKET ASSY, Neck Turn- Around, Left (Attaching Parts)	1	
-55	MS16995-10	4	SCREW, Mounting ----*----	6	
-56	A7L-101117-01	4	COVER, Shoulder Cable Con- nector (Attaching Part)	1	
-57	AN505C6-4	4	SCREW, Machine, Flat Hd ----*----	1	
-58	A7L-101116-01	4	BASE PLATE, Shoulder Cable Connector	1	
-59	A7LB-101189-01	4	ATTACHMENT ASSY, PLSS, Upper (Attaching Parts/Substance)	1	
-60	A7LB-1C1324-01	4	PATCH, Sealing, Front Shoulder and PLSS	1	
-61	A7LB-1S1277-01	4	PATCH, Cover, Rivet	1	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-62	ST24S097-06	4	RIVET, Oval Hd, Semi-tubular	6	
-63	AN960C10L	4	WASHER, Flat	6	
-64	ST24B085-01	4	EYELET, Flanged	6	
-65	AN230WB20	4	WASHER, Eyelet	6	
-66	A6L-101044-01	4	WASHER, Grommet ---*---	6	
-67	A6L-1C1056-03	4	CABLE ASSY, Shoulder (Attaching Parts)	1	

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
3-68	A7LB-101216-01	4	FITTING, Swage	2	
-69	A6L-101024-01	4	SWIVEL, Cable End, Shoulder Retaining	2	
-70	MS171433	4	PIN, Spring	2	
-71	ST16S046-06	4	TUBING, Shrinkable 1 1/4" + 1/8" -0 long	2	
-72	ST16S046-03	4	TUBING, Shrinkable 1/2" + 1/8" -0 long ----*----	2	
-73	A7LB-104095-04	4	GUIDE ASSY, Ring and Cable, Shoulder (Attaching Part)	2	
	ST14N014-01	4	CORD, Nylon, 1/16" Dia ----*----	AR	
-74	A7LB-104098-02	5	PULLEY ASSY, Cable (Attaching Parts)	2	
-75	AN515C6-4	5	SCREW, Machine, Round Hd	2	
-76	AN960C6	5	WASHER	2	
-77	A7LB-104102-01	5	SHAFT, Pulley	2	
-78	A7LB-104094-01	5	WASHER, Thrust	2	
-79	A7LB-104094-02	5	WASHER, Thrust	2	
-80	A7LB-101226-01	4	GUIDE ASSY, Cable, Rear (Attaching Parts/Substance)	2	
-81	A7LB-1S1250-01	4	PATCH, Sealing, Shoulder Cable, Rear	1	
-82	A7LB-1S1277-01	4	PATCH, Cover, Rivet	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-83	ST24S097-07	4	RIVET, Oval Hd, Semi-tubular	4	
-84	AN960C10L	4	WASHER, Flat	4	
-85	ST24B085-02	4	EYELET, Flanged	4	
-86	AN23OWB20	4	WASHER, Eyelet	4	
-87	A6L-101044-01	4	WASHER, Grommet ----*----	4	
-88	ST29C304-01	4	CABLE ASSY, Preformed Wire 1/16" Dia (Attaching Parts/Substance)	AR	

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
3-89	A7LB-101229-01	4	TERMINAL, Swaging, Cable	2	
-90	ST16S046-06	4	TUBING, Shrinkable 1 1/4" $\pm$ 1/16" long	2	
-91	A7LB-1S5011-01	4	PATCH, Sealing, Waist Cable, Left	1	
	A7LB-1S5011-02	4	PATCH, Sealing, Waist Cable, Right	1	
-92	A7LB-1S1277-01	4	PATCH, Cover, Rivet	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-93	ST24S097-06	4	RIVET, Oval Hd, Semi-tubular ----*----	2	
-94	A7LB-101155-01	4	TUBE, Cable Guide, Waist	3	
-95	A7LB-1C1203-01	4	TUBE, Cable Guide, Waist	2	
-96	A7LB-101166-07	4	PULLEY ASSY, Waist, Left	1	
	A7LB-101166-08	4	PULLEY ASSY, Waist, Right (Attaching Parts/Substance)	1	
-97	A7LB-1S1248-01	4	PATCH, Sealing, Tether, Left	1	
	A7LB-1S1248-02	4	PATCH, Sealing, Tether, Right	1	
-98	A7LB-1S1277-01	4	PATCH, Cover, Rivet	8	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-99	ST24S097-06	4	RIVET, Oval Hd, Semi-tubular	8	
-100	AN960C10L	4	WASHER, Flat	8	
-101	ST24B085-01	4	EYELET, Flanged	8	
-102	AN23OWB20	4	WASHER, Eyelet	8	
-103	A6L-101044-01	4	WASHER, Grommet ----*----	8	
-104	A7LB-101164-01	5	COVER ASSY, Pulley, Waist, Left	1	
	A7LB-101164-02	5	COVER ASSY, Pulley, Waist, Right	1	
-105	A7LB-101197-02	5	PULLEY AND BEARING ASSY, Waist (Attaching Part)	1	
-106	ST25S516-01	5	SCREW, Machine, Oval Trim ----*----	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
3-120	A7LB-109013-01	4	RING, Mounting, Neck (Attaching Parts/Substance)	1	
-121	MS35233-15	4	SCREW, Mounting	24	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-122	A7LB-101213-02	4	STRIP ASSY, Fastener, Neck (Attaching Substance)	1	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-123	A7LB-104153-01	4	COVER ASSY, Shoulder Convolute, Left	1	
	A7LB-104153-02	4	COVER ASSY, Shoulder Convolute, Right (Attaching Part)	1	
	ST15N018-02	4	THREAD, Nylon, Size E ----*----	AR	
-124	A6L-109001-02	5	LOOP TAPE, Modified (Attaching Part)	1	
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
-125	A7LB-104086-09	4	ARM ASSY, Upper, Left (See Fig 6 for Bkdn)	1	-05
	A7LB-104086-10	4	ARM ASSY, Upper, Right (See Fig 6 for Bkdn)	1	-05
	A7LB-104086-11	4	ARM ASSY, Upper, Left (See Fig 6 for Bkdn)	1	-18,-20,-23
	A7LB-104086-12	4	ARM ASSY, Upper, Right (See Fig 6 for Bkdn)	1	-18,-20,-23
-126	ST14N064-01	4	ROPE, Nylon 52" + 1/4" long	1	
-127	A6L-101074-02	4	SLEEVE, 3/32" Cable, Modified	1	
-128	ST16S046-05	4	TUBING, Shrinkable, 3/4" + 1/8" -0 long (Attaching Parts/Substance)	1	
	ST15N018-02	4	THREAD, Nylon, Size E	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Level	Description	Qty Assy	Useable on Code
3-129	A7LB-104084-01	4	BEARING ASSY, Arm (Attaching Parts/Substance)	1	
-130	A7LB-104083-01	4	STRIP ASSY, Cover, Upper Arm	2	
	ST14N016-01	4	CORE, Yarn	AR	
	ST32R005-01	4	ADHESIVE, Resin, Two-Part	AR	
-131	MS35233-1	4	SCREW, Machine	2	
-132	A7LB-104136-01	4	TAB, Locking, Arm Bearing	1	
-133	A7LB-104135-01	4	RING, Retaining, Convolute, Arm Bearing ----*----	1	
-134	A7L-104060-01	5	BALL PORT	1	
-135	MS19060-2	5	BEARING, Ball	88	
-136	A7L-104076-01	5	SPACER	88	
-137	A7LB-104130-01	5	RACE ASSY, Outer, Arm Bearing	1	
-138	A7LB-104092-01	5	RACE, Inner	1	
-139	A7L-104046-01	5	SEAL, Wiper	1	
	ST31S383-01	5	ADHESIVE, Fluorosilicone	AR	
	ST31S384-01	5	PRIMER, Fluorosilicone	AR	
-140	A7LB-104085-07	4	ARM ASSY, Lower, Left (See Fig 7 for Bkdn)	1	-05
	A7LB-104085-08	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn)	1	-05
	A7LB-104085-11	4	ARM ASSY, Lower, Left (See Fig 7 for Bkdn)	1	-18,-20,-23
	A7LB-104085-12	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn) (Attaching Parts/Substance)	1	-18,-20,-23
-141	A7L-109000-02	4	SCREW, Modified	4	
-142	A7LB-104093-01	4	BRACKET, Retention, Cable	4	-05
	A7LB-104093-02	4	BRACKET, Retention, Cable	4	-18,-20,-23
-143	ST13N227-01	4	TAPE, Loop, 6 3/4" $\pm$ 1/16" long	2	
	ST15N017-02	4	THREAD, Nylon, Size B	AR	
	ST12N151-01	4	CLOTH, Ripstop Nylon, Neoprene, Coated	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
3-143 (Cont)	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*---	AR	
-144	A6L-104025-04	4	GAGE, Pressure, Dial Indicating (Attaching Parts/Substance)	1	
-145	A6L-104031-01	4	NUT, Gage	1	
-146	MS90201-017	4	"O" RING	1	
-147	MS35249-20	4	SCREW	6	
-148	A6L-104034-01	4	RING, Back	1	
-149	A6L-104035-01	4	MOUNT, Gage	1	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*---	AR	
-150	A7LB-109029-01	4	DISCONNECT ASSY, Wrist, Suit Side, Left (See Fig 17 for Bkdn)	1	
	A7LB-109029-02	4	DISCONNECT ASSY, Wrist, Suit Side, Right (See Fig 17 for Bkdn) (Attaching Parts/Substance)	1	
-151	A6L-104018-05	4	STRIP ASSY, Cover, Wrist	2	
-152	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST32R005-01	4	ADHESIVE, Resin, Two-Part ----*---	AR	
-153	A6L-109001-02	4	TAPE, Loop Modified	2	-18,-20,-23
-154	A7LB-101269-01	4	SLEEVE, Swage Fitting	8	-18,-20,-23
-155	A7LB-101272-01	4	COATING, Cable, Nylon, Modified	AR	-18,-20,-23
-156	A7LB-1C5086-01	4	CABLE	4	-18,-20,-23
-157	A7LB-105004-13	4	LEG ASSY, Left (See Fig 8 for Bkdn)	1	-05
	A7LB-105004-14	4	LEG ASSY, Right (See Fig 8 for Bkdn)	1	-05
	A7LB-105004-23	4	LEG ASSY, Left (See Fig 8 for Bkdn)	1	-18,-20,-23

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
3-157 (Cont)	A7LB-105004-24	4	LEG ASSY, Right (See Fig 8 for Bkdn)	1	-18,-20,-23
-158	A7LB-106061-01	4	BOOT ASSY, TLSA, Left (See Fig 9 for Bkdn)	1	-05
	A7LB-106061-02	4	BOOT ASSY, TLSA, Right (See Fig 9 for Bkdn)	1	-05
	A7LB-106061-05	4	BOOT ASSY, TLSA, Left (See Fig 9 for Bkdn)	1	-18,-20,-23
	A7LB-106061-06	4	BOOT ASSY, TLSA, Right (See Fig 9 for Bkdn)	1	-18,-20,-23
-159	ST13N378-01	4	TAPE, Nylon/Neoprene, Pressure Sealing	AR	
	ST31N396-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-160	A7LB-101126-18	4	TORSO ASSY, TLSA (See Fig 5 for Bkdn)	1	-05,-18
	A7LB-101126-22	4	TORSO ASSY, TLSA (See Fig 5 for Bkdn)	1	-23
	A7LB-101126-23	4	TORSO ASSY, TLSA (See Fig 5 for Bkdn) (Attaching Substance)	1	-20
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-161	A7LB-101204-01	4	STRIP ASSY, Fastener, Torso, Longitudinal (Attaching Substance)	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-162	A7LB-101204-02	4	STRIP ASSY, Fastener, Torso, Latitudinal (Attaching Substance)	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-163	A7LB-101182-04	4	LOCK ASSY, Restraint, Slide Fastener	1	

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION II

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
3-164	A7LB-101253-01	5	PIN, Slider Mounting (Attaching Substance)	1	
	ST32R100-01	5	ADHESIVE, Epoxy	AR	
-165	MS35233-2	5	SCREW, Machine, Pan Head	1	
-166	A7LB-101187-02	5	PLATE, Spring Retainer	1	
-167	A7LB-101193-02	5	TAB ASSY, Lock-Lock	1	
-168	MS16562-197	5	PIN, Spring	1	
-169	A7LB-101186-02	5	STRIKE, Zipper Lock	1	
-170	A7LB-101256-01	5	HOUSING, Lock, Restraint Zipper ---*---	1	
-171	ST19V088-07	5	FASTENER TAPE, Hook 3 $\pm$ 1/16 Lg (Attaching Substance)	2	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

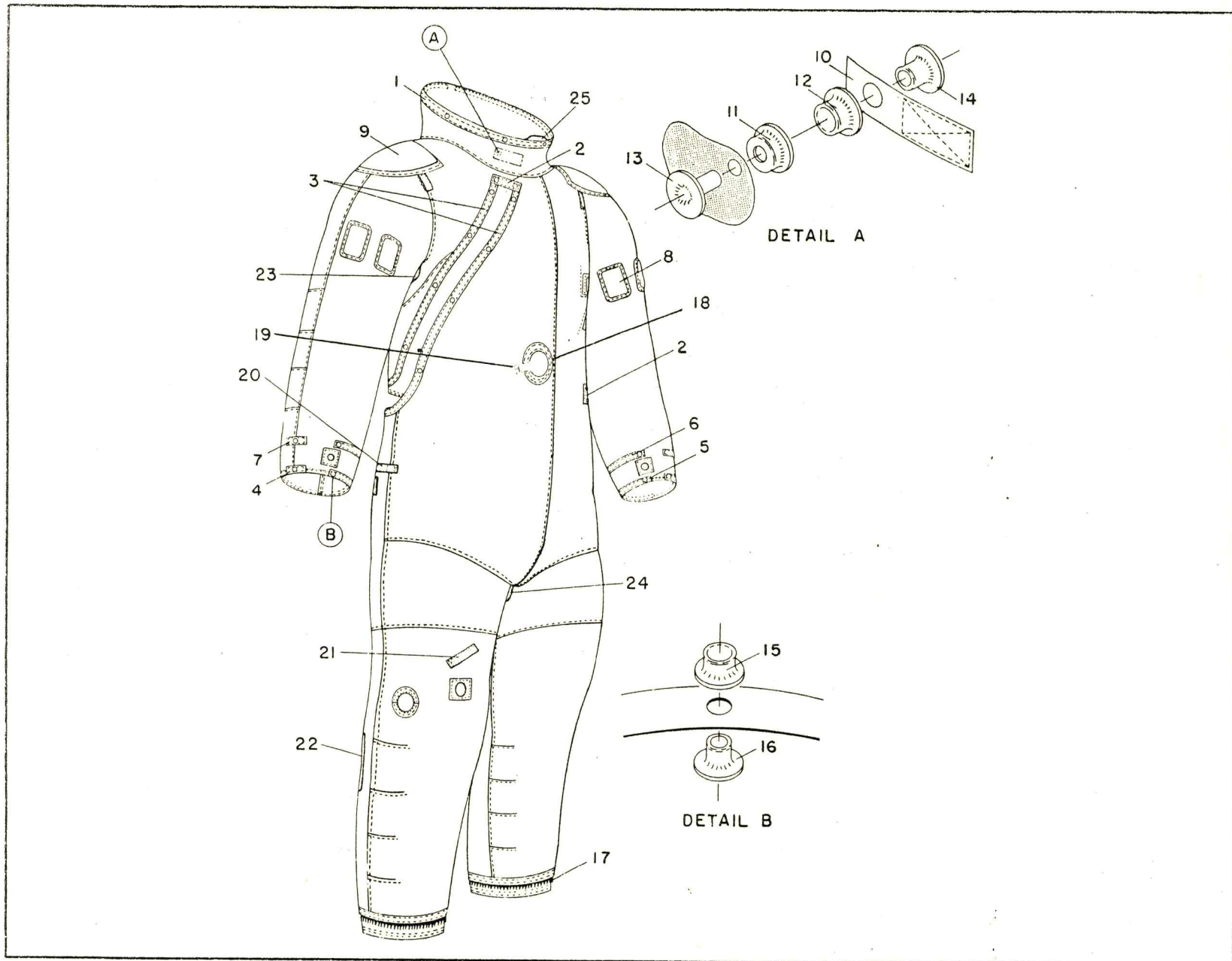


Figure 4 EV TISA Liner Assembly

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
4-	A7LB-107028-06	4	LINER ASSY, TLSA (See Fig 3 or 36 for NHA)	REF	-06
	A7LB-107028-07	4	LINER ASSY, TLSA (See Fig 36 for NHA)	REF	-07
-1	A7LB-107029-08	5	STRIP ASSY, Fastener, Neck (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-2	A7LB-107029-02	5	STRIP ASSY, Fastener, Torso (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-3	A7LB-107029-07	5	STRIP ASSY, Fastener, Torso (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-4	A7LB-107029-04	5	STRIP ASSY, Fastener, Lower Wrist (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-5	A7LB-107029-05	5	STRIP ASSY, Fastener, Lower Wrist (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B	AR	
-6	A7LB-107029-01	5	STRIP ASSY, Fastener, Upper Wrist (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-7	A7LB-107029-03	5	STRIP ASSY, Fastener, Upper Wrist (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	

8819700713C

SECTION 11
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
4-8	A7LB-107030-01	5	PAD ASSY, Upper Arm Cone (Attaching Part)	4	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-9	A7LB-107031-01	5	PAD ASSY, Shoulder (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-10	A7LB-1S7063-01	5	FLAP, Snap, Comm Lead (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-11	ST29S272-02	5	SOCKET, Snap	1	
-12	ST29S272-05	5	STUD, Snap	1	
-13	ST29S272-03	5	RING, Snap	1	
-14	ST29S272-04	5	EYELET, Snap	1	
-15	ST29S272-04	6	EYELET, Snap	45	
-16	ST29S272-05	6	STUD, Snap	45	
-17	ST19N356-01	5	ZIPPER (Slider Half) (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-18	ST19V088-08	5	TAPE, Fastener, Pile 2" wd x 3" + 1/4" lg (Attaching Part)	4	
	ST15N017-02	5	THREAD, Nylon, Size B	AR	
-19	A7LB-107036-01	5	REINF ASSY, Lock-Lock Cut-Out (Attaching Part)	1	-07
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	-07
-20	A7LB-107034-01	5	STRAP, UCTA Hose Retaining (Attaching Part)	1	
	ST15N017-02	5	THREAD, Nylon, Size B	AR	

8819700713C

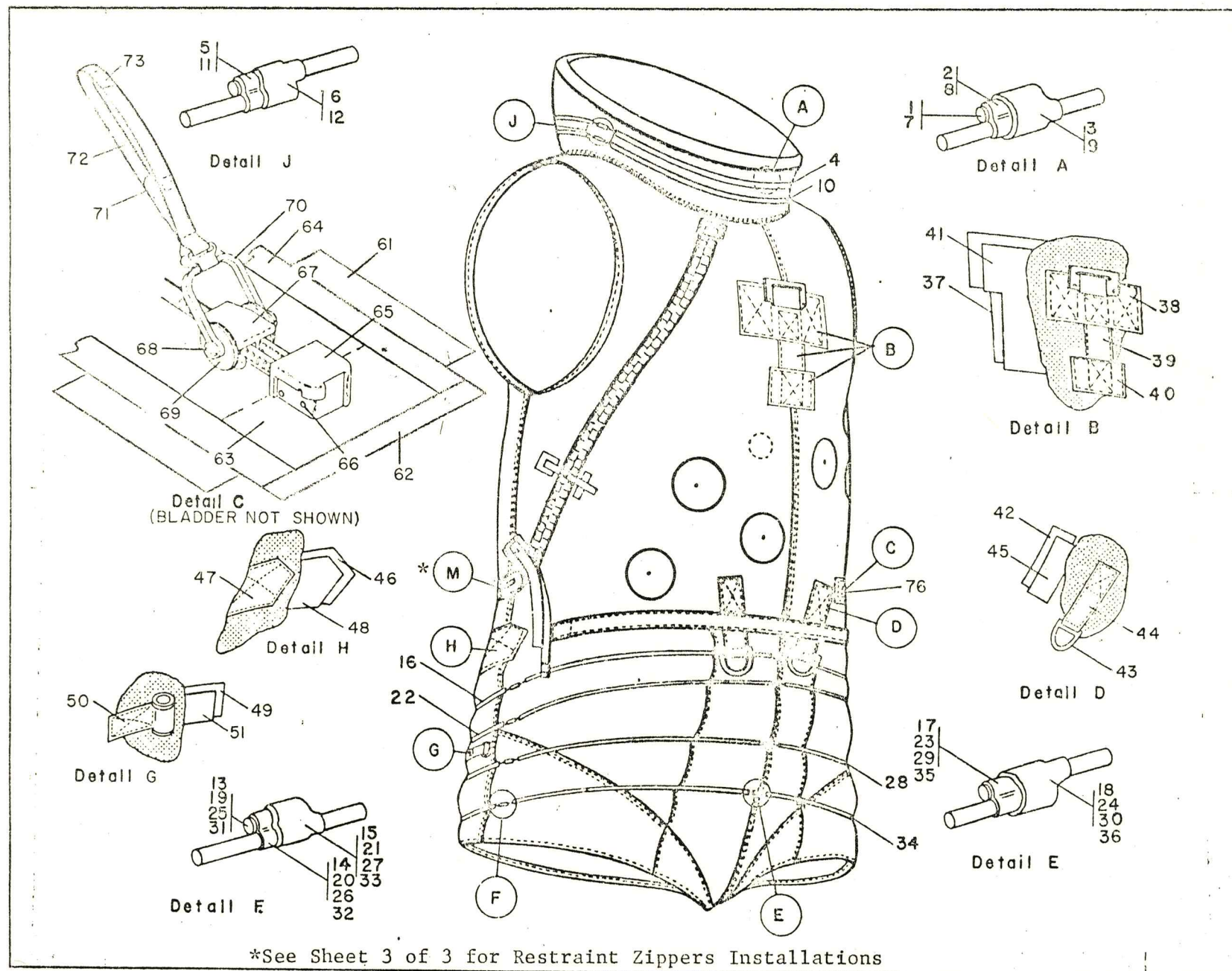
SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
4-21	A7LB-107034-01	5	STRAP, UCTA Hose Retaining	1	
	ST15N017-02	5	THREAD, Nylon, Size B	AR	
-22	A7LB-107032-01	5	COMFORT PAD ASSY, Knee (FOI)	2	
-23	A7LB-107032-02	5	COMFORT PAD ASSY, Under Arm (FOI)	2	
-24	A7LB-107032-03	5	COMFORT PAD ASSY, Crotch (FOI)	1	
-25	A7LB-107035-01	5	CHIN PAD, Liner Assy (FOI) (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Figure 5 (Sheet 1 of 3) EV TUSA Torso Assembly



8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

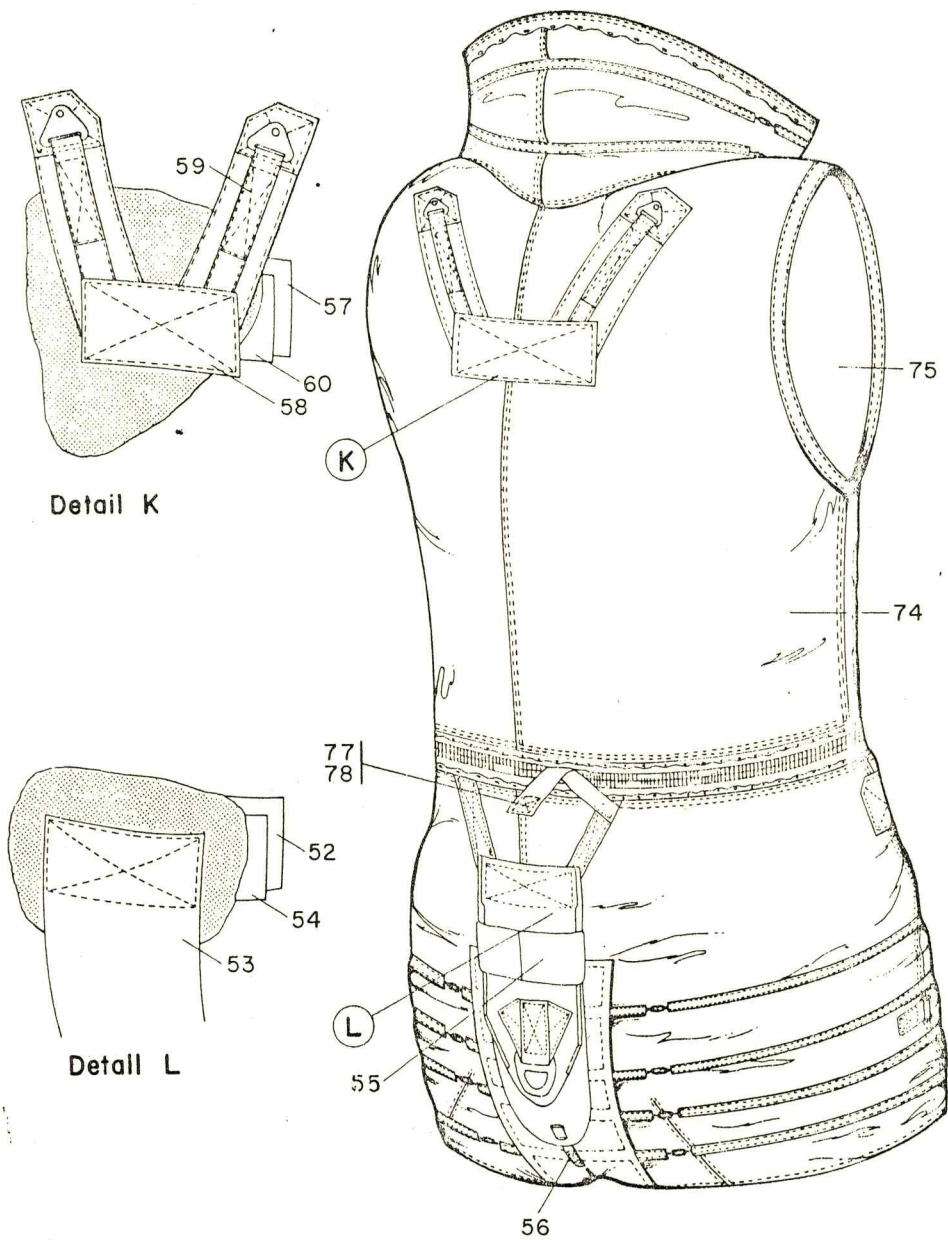


Figure 5 (Sheet 2 of 3) EV TL5A Torso Assembly

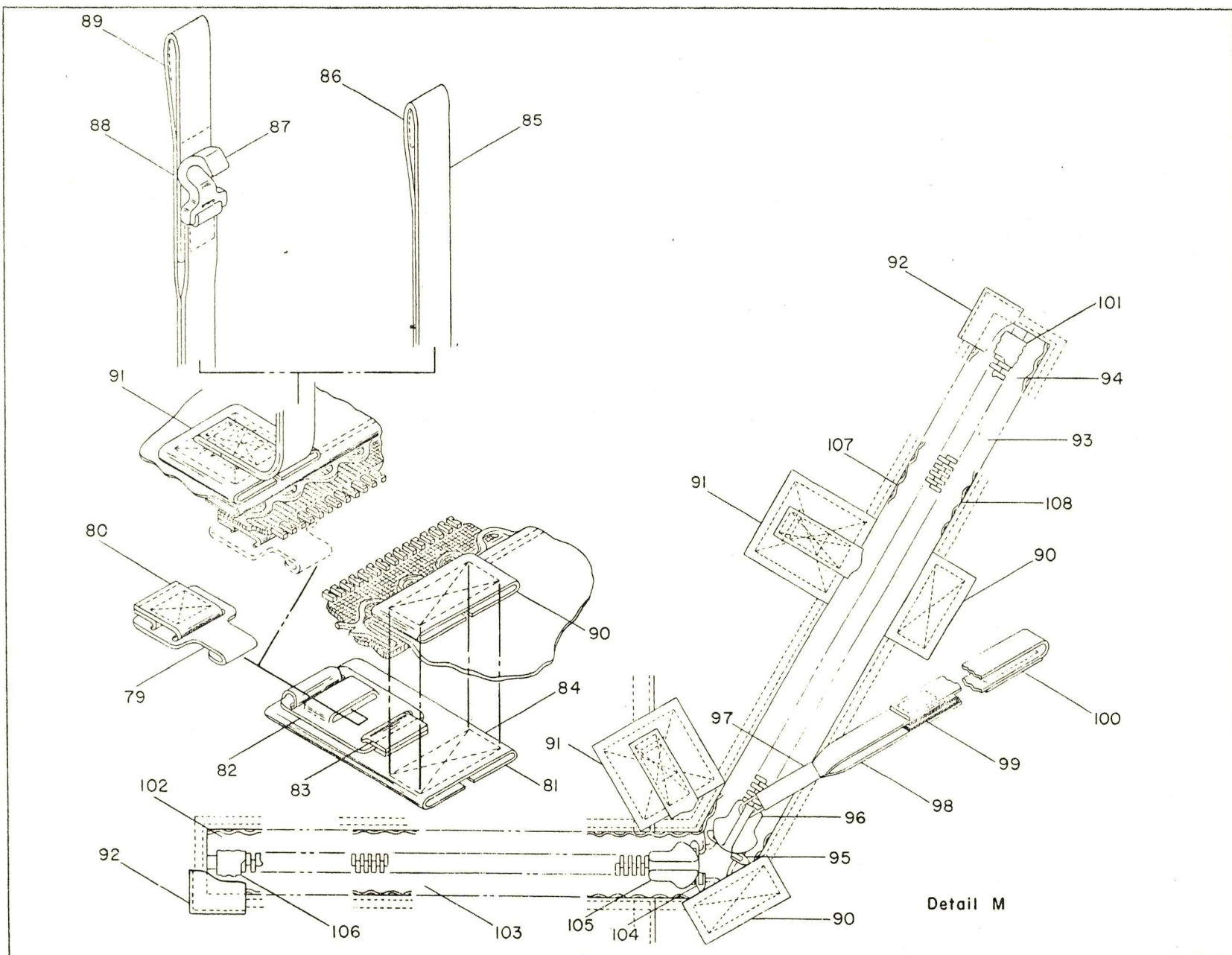


Figure 5 (Sheet 3 of 3) EV TL5A Torso Assembly

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
5-41	A7LB-1C1325-01	5	PATCH, Reinforcement, Front Shoulder Cable	1	
-42	A7LB-1S1252-01	5	PATCH, Sealing, Front "D" Ring (Attaching Substance)	2	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-43	A7L-101017-01	6	"D" RING, Double Bar	2	
-44	ST13N065-01	6	WEBBING, "D" Ring (Attaching Part)	2	
	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
-45	A7LB-1S1157-01	6	PATCH, Reinforcement, Front "D" Ring (Attaching Substance)	2	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-46	A7LB-1S1248-01	5	PATCH, Sealing, Tether, Left	1	
	A7LB-1S1248-02	5	PATCH, Sealing, Tether, Right (Attaching Substance)	1	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-47	A7LB-101134-01	5	PATCH ASSY, Tether, Left	1	
	A7LB-101134-02	5	PATCH ASSY, Tether, Right (Attaching Part)	1	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-48	A7LB-1S1154-01	6	PATCH, Reinforcement, Tether, Left	1	
	A7LB-1S1154-02	6	PATCH, Reinforcement, Tether, Right (Attaching Substance)	1	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-49	A7LB-1S1254-01	5	PATCH, Sealing, Thigh Cable Guide (Attaching Substance)	2	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
5-49	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
(Cont)					
-50	A7LB-101135-01	5	PATCH ASSY, Thigh Cable Guide (Attaching Part)	2	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-51	A7LB-1S1158-01	6	PATCH, Reinforcement, Thigh Cable (Attaching Substance)	2	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-52	A7LB-1S1253-02	5	PATCH, Sealing, Back "D" Ring (Attaching Substance)	1	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-53	A7LB-101138-02	5	"D" RING ASSY, Back (Attaching Part)	1	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-54	A7LB-1S1156-02	6	PATCH, Reinforcement, Back (Attaching Substance)	1	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-55	A7LB-101274-01	5	FLAP ASSY, Slider, Rear (Attaching Parts)	1	
-56	ST13N034-01	5	WEBBING, Nylon, Reinforcement, 1" X 7 5/8"	1	
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
-57	A7LB-1S1250-01	5	PATCH, Sealing, Back Shoulder Cable (Attaching Substance)	1	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
5-58	A7LB-101136-01	5	PATCH ASSY, Back Shoulder Cable (Attaching Part)	1	
-59	ST15N018-03	5	THREAD, Nylon, Size E	AR	
	A7LB-101232-01	5	WEBBING ASSY, Rear Neck Restraint, Left	1	
	A7LB-101232-02	6	WEBBING ASSY, Rear Neck Restraint, Right (Attaching Part)	1	
-60	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
	A7LB-1S1153-01	6	PATCH, Reinforcement, Back Shoulder Cable (Attaching Substance)	1	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-61	A7LB-101215-01	6	STRAIN RELIEF ASSY	2	-18,-21,-22
	A7LB-101215-04	6	PATCH ASSY, Strain Relief (Attaching Substance)	2	-23
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-62	A7LB-1S1170-01	6	SEALING PATCH, Zipper Top and Bottom (Attaching Substance)	2	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-63	A7LB-1Z1396-03	6	SLIDE FASTENER, Pressure Sealing	1	-18,-22
	A7LB-1Z1396-04	6	SLIDE FASTENER, Pressure Sealing (Attaching Part & Substance)	1	-23
	ST13N378-02	6	TAPE, Nylon/Neoprene, Pressure Sealing	AR	
-64	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
5-65	A7LB-101262-01	7	BODY, Lock (Attaching Parts)	1	
-66	A7L-109000-04	7	SCREW, Machine, Modified	2	
-67	A7LB-101258-08	7	SLIDER ASSY (Attaching Parts)	1	
-68	A7LB-101258-04	8	SCREW, #5-40	2	
-69	A7LB-101258-07	8	SIDE GUIDE	2	
-70	A7LB-101258-03	8	YOKE ASSY ----*----	1	
-71	ST13N110-02	9	TAPE, Nylon, Woven 1 5/8 + 1/16 long	1	
-72	ST13N110-02	9	TAPE, Nylon, Woven 15 3/8 + 1/16 long	1	
-73	ST19V089-08	9	FASTENER Tape, Pile 5/16 + 1/32 long (Attaching Part)	1	
	ST15N017-07	9	THREAD, Nylon, Size B ----*----	AR	
-74	A7LB-101143-09	5	RESTRAINT ASSY, Torso	1	-18
	A7LB-101143-11	5	RESTRAINT ASSY, Torso	1	-22,-23
	A7LB-101143-12	5	RESTRAINT ASSY, Torso	1	-21
-75	A7LB-101140-09	5	BLADDER ASSY, Torso	1	-18,-22
	A7LB-101140-10	5	BLADDER ASSY, Torso	1	-21
	A7LB-101140-12	5	BLADDER ASSY, Torso ----*----	1	-23
-76	A7LB-101267-01	6	PAD, Protective, Pressure Sealing Slide Fastener (Attaching Substance)	1	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-77	ST12N027-02	6	WEBBING, Nylon 1 x 8 + 1/16 Long (Attaching Parts)	1	-21,-22,-23

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
5-78	ST12N021-01	6	CLOTH, Coated and Laminated, Neoprene on Nylon 2 + 1/16 square	2	-21,-22,-23
-79	ST15N554-02 A7LB-101252-01	6 6	THREAD, Nylon, Size F HOOK, Donning Aid, Vertical Slide Fastener	AR 2	-21,-22,-23
-80	ST13N126-01	6	WEBBING, Nylon, Reinforcing 8 + 1/16 long (Attaching Part)	2	
	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
-81	A7LB-101250-01	6	DONNING AID ASSY, Vertical Slide Fastener	2	
-82	A7LB-101251-01	7	EYE, Donning Aid, Vertical Slide Fastener	2	
-83	ST13N126-01	7	WEBBING, Nylon, Reinforcing 6 + 1/16 long (Attaching Part)	2	
	ST15N018-03	7	THREAD, Nylon, Size E	AR	
-84	ST13N398-01	7	WEBBING, Nylon, Reinforcing 3 1/8 + 1/16 long (Attaching Part)	2	
	ST15N018-03	7	THREAD, Nylon, Size E ----*----	AR	
-85	ST13N120-05	6	WEBBING, Nylon Reinforcing 14 + 1/16 long (Attaching Part)	1	
	ST15N018-03	6	THREAD, Nylon, Size E	AR	
-86	ST19V089-03	6	TAPE, Fastener, Hook 1/2 wide x 1 long (Attaching Part)	1	
	ST15N018-04	6	THREAD, Nylon, Size E ----*----	AR	
-87	A7LB-101211-01	6	HOOK, Lanyard Assy (Attaching Part)	1	
	ST15N018-04	6	THREAD, Nylon, Size E	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
5-88	ST13N120-05	6	WEBBING, Nylon Reinforcing 22 7/8 + 1/16 long (Attaching Part)	1	
-89	ST15N018-03	6	THREAD, Nylon, Size E	AR	
	ST19V089-03	6	TAPE, Fastener, Hook 1/2 wide x 1 long (Attaching Part)	1	
	ST15N018-04	6	THREAD, Nylon, Size E ----*----	AR	
-90	ST13N126-01	6	WEBBING, Nylon, Reinforcing 3 1/8 + 1/16 long (Attaching Part)	2	
	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
-91	ST13N035-01	6	WEBBING, Nylon, Reinforcing 3 1/8 + 1/16 long (Attaching Part)	2	
	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
-92	ST13N126-01	6	WEBBING, Nylon, Reinforcing 3 1/4 + 1/16 long (Attaching Part)	2	
	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
-93	A7LB-101195-04	6	FASTENER ASSY, Slide, Vertical	1	
-94	A7LB-1C1187-04	7	SLIDE FASTENER, Vertical (Attaching Part)	1	
	ST15N018-02	7	THREAD, Nylon, Size E	AR	
-95	ST19S402-01	7	TOP STOP, Slide Fastener, Window Wedge	2	
-96	A7LB-101194-02	7	SLIDER AND LANYARD RING ASSY	1	
-97	ST16S046-05	8	TUBING, Shrinkable 1 + 1/8 - 0 long	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
5-98	ST13N110-03	2	TAPE, Nylon, Woven 20 3/8 + 1/16 long	1	
-99	ST13N110-03	8	TAPE, Nylon, Woven, 1 5/8 + 1/16 (Attaching Part)	1	
	ST15N017-02	8	THREAD, Nylon, Size B ----*----	AR	
-100	ST19V090-07	8	TAPE, Fastener, Hook 5/16 + 1/32 wide x 1 + 1/32 long (Attaching Part)	1	
	ST15N017-02	8	THREAD, Nylon, Size B ----*----	AR	
-101	ST29S231-01	7	STOP, Bottom ----*----	1	
-102	A7LB-101195-03	6	FASTENER ASSY, Slide, Horizontal	1	
-103	A7LB-1C1187-03	7	FASTENER, Slide, Horizontal (Attaching Part)	1	
	ST15N018-02	7	THREAD, Nylon, Size E ----*----	AR	
-104	ST19S402-01	7	TOP STOP, Slide Fastener, Window Wedge	2	
-105	ST29S233-01	7	SLIDER, Slide Fastener	1	
-106	ST29S231-01	7	STOP, Bottom ----*----	1	
-107	A7LB-1C1306-03	6	TAPE, Loop, Slide Fastener (Attaching Part)	1	
	ST15N018-02	6	THREAD, Nylon, Size E ----*----	AR	
-108	A7LB-1C1306-04	6	TAPE, Loop, Slide Fastener (Attaching Part)	1	
	ST15N018-02	6	THREAD, Nylon, Size E	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

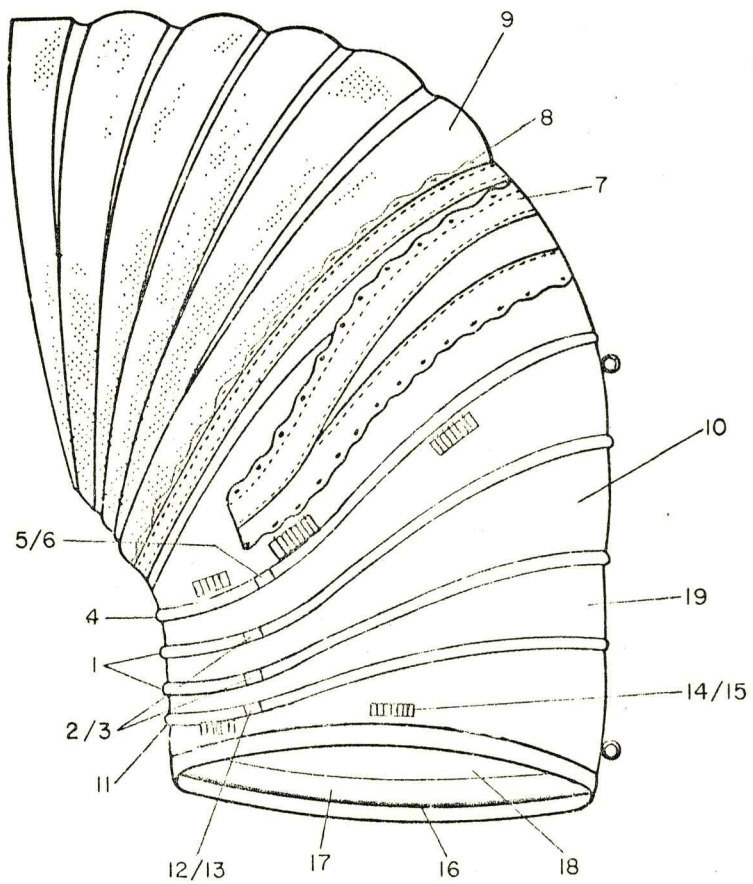


Figure 6 EV TISA Upper Arm Assembly

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
6-	A7LB-104086-09	4	ARM ASSY, Upper, Left (See Fig 3 or 25 for NHA)	REF	-09
	A7LB-104086-10	4	ARM ASSY, Upper, Right (See Fig 3 or 25 for NHA)	REF	-10
	A7LB-104086-11	4	ARM ASSY, Upper, Left (See Fig 3, 25, 36, or 41 for NHA)	REF	-11
	A7LB-104086-12	4	ARM ASSY, Upper, Right (See Fig 3, 25, 36 or 41 for NHA)	REF	-12
-1	ST29C118-01	5	CABLE, 15 1/2 + 1/8 -0 long	2	
-2	ST27S061-04	5	SLEEVE, Swaging	2	
-3	ST16S046-05	5	TUBING, Shrinkable, 3/4 + 1/32 -0 long	2	
-4	ST29C118-01	5	CABLE, 17 1/4 + 1/8 -0 long	1	
-5	ST27S061-04	5	SLEEVE, Swaging	1	
-6	ST16S046-05	5	TUBING, Shrinkable, 3/4 + 1/32 -0 long	1	
-7	ST13N227-01	5	TAPE, Loop, 17 3/4 + 1/4 -0 long (Attaching Part)	1	
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
-8	A6L-109001-02	5	TAPE, Loop, Modified, 22 1/2 + 1/8 -0 long (Attaching Part)	1	
	ST15N018-03	5	THREAD, Nylon, Size E	AR	
-9	A7LB-104152-01	5	CONVOLUTE ASSY, Shoulder, Left	1	-09
	A7LB-104152-02	5	CONVOLUTE ASSY, Shoulder, Right	1	-10
	A7LB-104152-03	5	CONVOLUTE ASSY, Shoulder, Left	1	-11
	A7LB-104152-04	5	CONVOLUTE ASSY, Shoulder, Right (Attaching Parts/Substance)	1	-12

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
6-9 (Cont)	ST15N018-02	5	THREAD, Nylon, Size E	AR	
	ST13N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-10	A7LB-104115-03	5	RESTRAINT AND BLADDER ASSY, Upper Arm Cone, Left	1	-09,-11
	A7LB-104115-04	5	RESTRAINT AND BLADDER ASSY, Upper Arm Cone, Right ----*----	1	-10,-12
-11	ST29C118-01	6	CABLE, 15 1/2 + 1/32 long	1	
-12	ST27S061-04	6	SLEEVE, Swaging	1	
-13	ST16S046-05	6	TUBING, Shrinkable, 3/4 + 1/32 long	1	
-14	A6L-104003-01	6	GUIDE, Teflon (Attaching Part)	16	
-15	ST14N321-01	6	CORD, Braided Nylon ----*----	AR	
-16	ST14N014-02	6	CORD, Nylon, 1/16 dia. (Attaching Part)	AR	
	ST15N018-02	6	THREAD, Nylon, Size E ----*----	AR	
-17	ST13N378-02	6	TAPE, Nylon/Neoprene 3/4 wide (cut to 1/2 + 1/16 wide) (Attaching Substance)	AR	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-18	A7LB-104116-01	7	BLADDER ASSY, Upper Arm Cone, Left	1	-09,-11
	A7LB-104116-02	7	BLADDER, Assy, Upper Arm Cone, Right ----*----	1	-10,-12
-19	A7LB-104114-03	7	RESTRAINT ASSY, Upper Arm Cone, Left	1	-09,-11
	A7LB-104114-04	7	RESTRAINT ASSY, Upper Arm Cone, Right	1	-10,-12

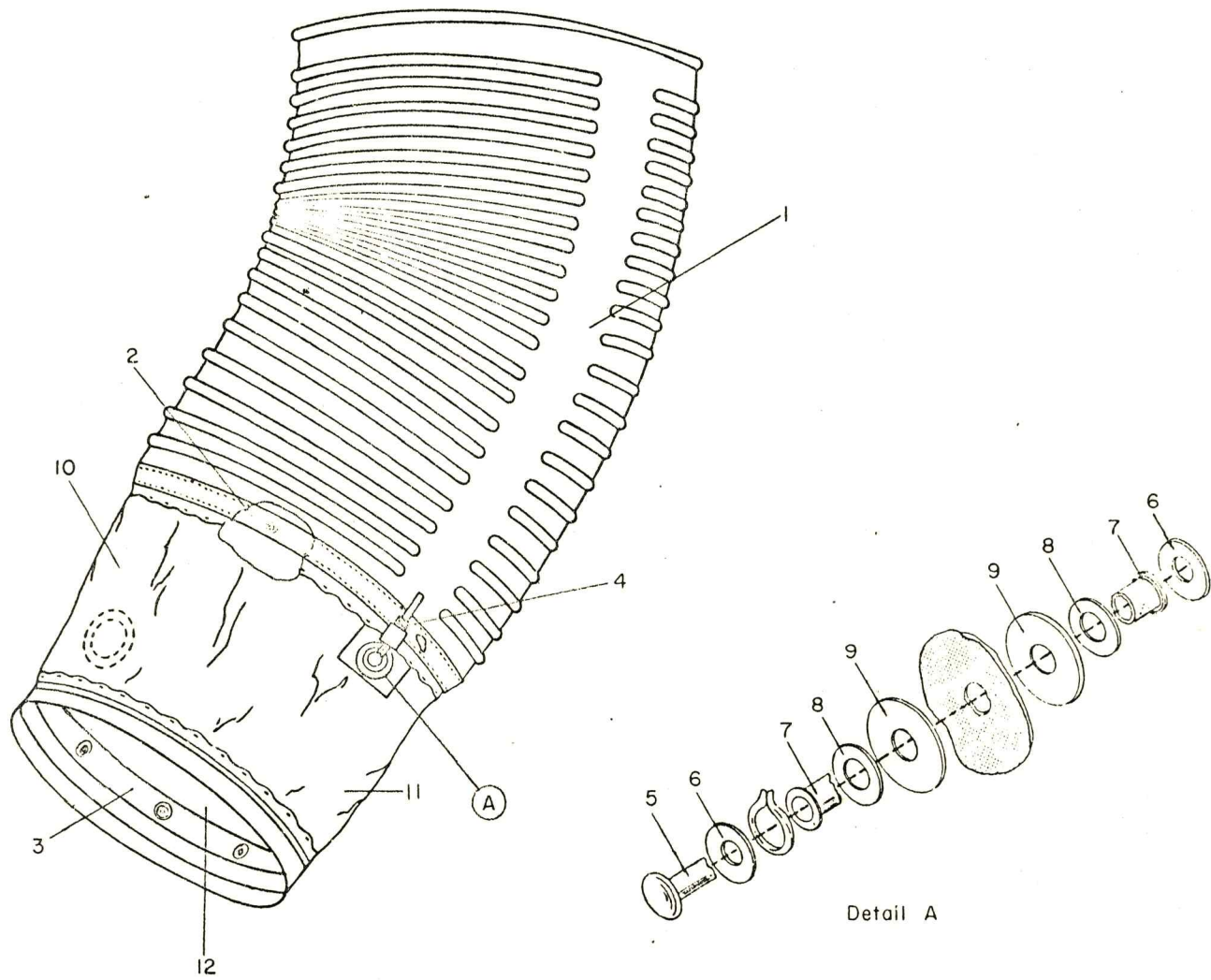


Figure 7 EV T1SA Lower Arm Assembly

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
7-	A7LB-104085-07	4	ARM ASSY, Lower, Left (See Fig 3 or 25 for NHA)	REF	-07
	A7LB-104085-08	4	ARM ASSY, Lower, Right (See Fig 3 or 25 for NHA)	REF	-08
	A7LB-104085-09	4	ARM ASSY, Lower, Left (See Fig 3 or 36 for NHA)	REF	-09
	A7LB-104085-10	4	ARM ASSY, Lower, Right (See Fig 3 or 36 for NHA)	REF	-10
	A7LB-104085-11	4	ARM ASSY, Lower, Left (See Fig 3, 25, 36 or 41 for NHA)	REF	-11
	A7LB-104085-12	4	ARM ASSY, Lower, Right (See Fig 3, 25, 36 or 41 for NHA)	REF	-12
-1	A7LB-104121-04	5	CONVOLUTE ASSY, Elbow	1	-07,-08
	A7LB-104121-05	5	CONVOLUTE ASSY, Elbow	1	-09,-10
	A7LB-104157-02	5	CONVOLUTE ASSY, Elbow (Attaching Part/Substance)	1	-11,-12
-2	ST15N018-02	5	THREAD, Nylon, Size E	AR	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
	A7LB-104123-02	5	FASTENER STRIP, Wrist, Upper (Attaching Substance)	1	
-3	ST31N396-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
	A7LB-104123-01	5	FASTENER STRIP, Wrist, Lower Left	1	-07,-09,-11
	A7LB-104123-04	5	FASTENER STRIP, Wrist, Lower, Right (Attaching Substance)	1	-08,-10,-12
-4	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
	ST15N018-02	5	THREAD, Nylon, Size E ----*----	AR	
	ST24S097-06	5	RIVET, Oval Hd. Semi-tubular	2	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
7-6	AN960C10L	5	WASHER, Flat	4	
-7	ST24B085-01	5	EYELET, Flanged	2	
-8	AN230WB20	5	WASHER, Eyelet	4	
-9	A6L-101044-01		WASHER, Grommet	4	
			----*----		
-10	A7LB-104127-01	5	RESTRAINT AND BLADDER Assy, Wrist Cone, Left	1	-07,-09,-11
	A7LB-104127-02	5	RESTRAINT AND BLADDER Assy, Wrist Cone, Right	1	-08,-10,-12
			----*----		
-11	A7LB-104125-01	6	RESTRAINT ASSY, Wrist Cone, Left	1	-07,-09,-11
	A7LB-104125-02	6	RESTRAINT ASSY, Wrist Cone, Right	1	-08,-10,-12
			----*----		
-12	A7LB-104124-01	6	BLADDER ASSY, Wrist Cone, Left	1	-07,-09,-11
	A7LB-104124-02	6	BLADDER ASSY, Wrist Cone, Right	1	-08,-10,-12

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

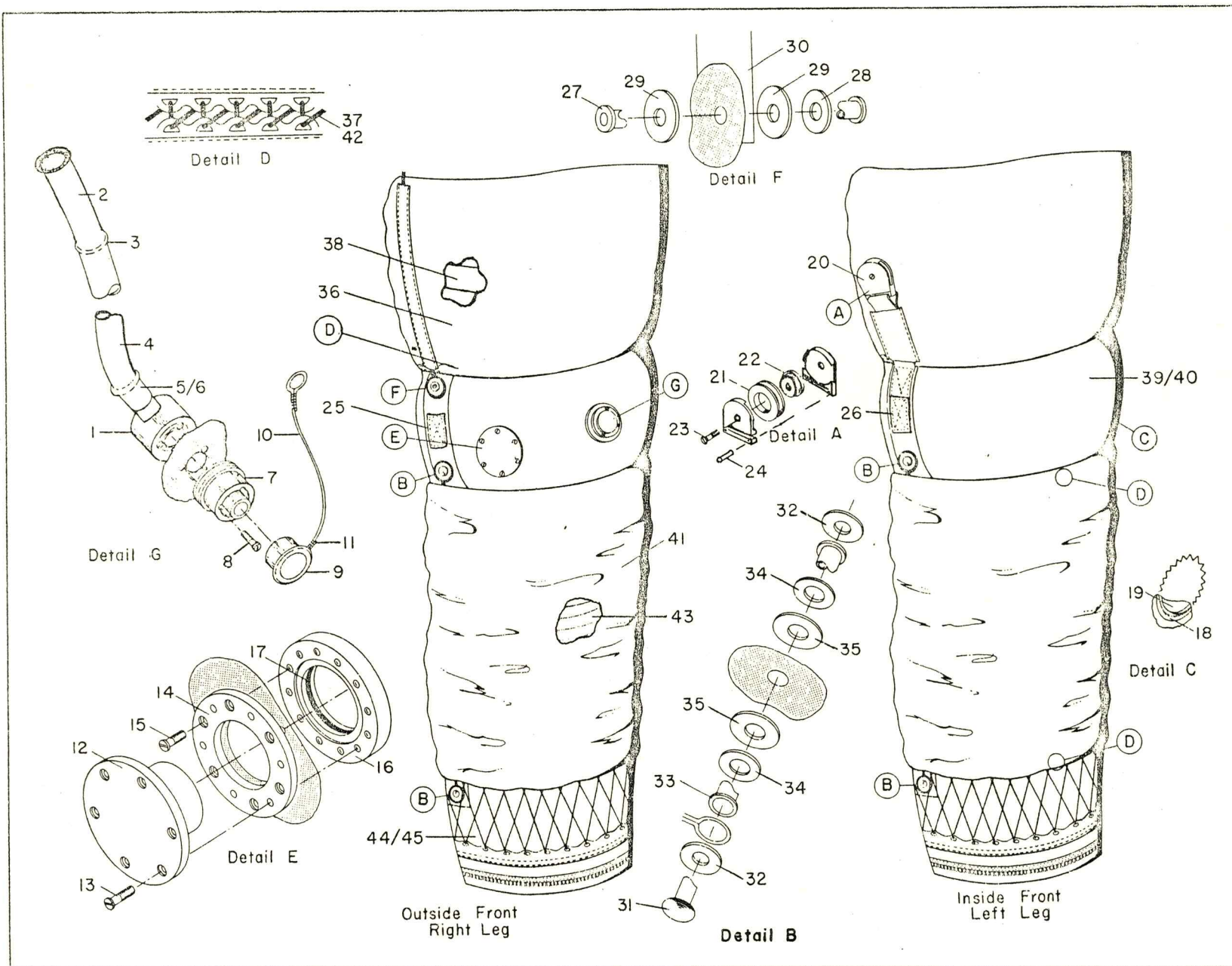


Figure 8 EV TUSA Leg Assembly

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
8-	A7LB-105004-13	4	LEG ASSY, TLSA, Left (See Fig 3 for NHA)	REF	-13
	A7LB-105004-14	4	LEG ASSY, TLSA, Right (See Fig 3 for NHA)	REF	-14
	A7LB-105004-19	4	LEG ASSY, TLSA, Left (See Fig 36 for NHA)	REF	-19
	A7LB-105004-20	4	LEG ASSY, TLSA, Right (See Fig 36 for NHA)	REF	-20
	A7LB-105004-23	4	LEG ASSY, TLSA, Left (See Fig 3 for NHA)	REF	-23
	A7LB-105004-24	4	LEG ASSY, TLSA, Right (See Fig 3 for NHA)	REF	-24
	A7LB-105004-27	4	LEG ASSY, TLSA, Left (See Fig 36 or 41 for NHA)	REF	-27
	A7LB-105004-28	4	LEG ASSY, TLSA, Right (See Fig 36 for NHA)	REF	-28
	A7LB-105004-30	4	LEG ASSY, TLSA, Right (See Fig 41 for NHA)	REF	-30
-1	A7LB-105029-01	5	COVER AND TRANSFER HOSE ASSY, UCTA	1	-14
	A7LB-105029-02	5	COVER AND TRANSFER HOSE ASSY, UCTA	1	-20,-24,-28
	A7LB-105029-03	5	COVER AND TRANSFER HOSE ASSY, UCTA	1	-30
	ST31S009-01	5	(Attaching Substance) ADHESIVE, Sealant, Non-Slip ----*----	AR	-14,-20,-24,-28,-30
-2	A7LB-105015-02	6	COVER, Preformed, UCTA	1	-14
	A7LB-105015-03	6	COVER, Preformed, UCTA (Attaching Substance)	1	-20,-24,-28,-30
	ST31N308-01	6	ADHESIVE, Neoprene, One-Part ----*----	AR	-14,-20,-24,-28,-30
-3	A6L-401042-02	6	CLAMP, Modified, Preformed, Band Type	1	-14,-20,-24,-28,-30

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
8-16	A7L-104005-03	5	RING, Clamping, Pressure Relief Valve (Attaching Substance)	1	-14,-20,-24,-28,-30
	ST31S009-01	5	ADHESIVE, Sealant, Non-Slip ----*----	AR	-14,-20,-24,-28,-30
-17	A7L-104005-04	5	"O" Ring	1	-14,-20,-24,-28,-30
-18	A6L-1S5024-01	5	COVER, Patch, Medical Injection (Attaching Substance)	1	-13,-19,-23,-27
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	-13,-19,-23,-27
-19	A6L-105019-01	5	DISC, Medical Injection (Attaching Substance)	1	-13,-19,-23,-27
	ST31S049-01	5	ADHESIVE, Silicone ----*----	AR	-13,-19,-23,-27
-20	A6L-105031-03	5	PULLEY ASSY, Cable Crotch (Attaching Part)	1	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-21	A6L-105039-01	6	PULLEY	1	
-22	ST29B249-01	6	BEARING (Attaching Parts)	1	
-23	AN505C4-5	6	SCREW, Machine	1	
-24	A7L-105020-03	6	PIN ----*----	2	
-25	ST13N034-01	5	WEBBING, Nylon Reinf 1" x 2-3/4" Lg (Attaching Part)	1	-23,-24
	ST15N554-02	5	THREAD, Nylon, Size F	AR	-23,-24
-26	ST13N034-01	5	WEBBING, Nylon Reinf 1" x 3-1/2" Lg (Attaching Part)	1	-23,-24
	ST15N554-02	5	THREAD, Nylon, Size F ----*----	AR	-23,-24

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
8-27	ST24B085-01	5	EYELET, Flanged	1	
-28	AN230WB20	5	EYELET, Washer	1	
-29	A6L-101044-01	5	WASHER, Grommet	2	
-30	A7LB-1S5018-01	5	PATCH, Reinf, Thigh Pulley	1	-13,-19,-27
	A7LB-1S5018-02	5	PATCH, Reinf, Thigh Pulley	1	-14,-20,-28,-30
	A7LB-1Z5083-01	5	PATCH, Reinf, Thigh Pulley	1	-23
	A7LB-1Z5083-02	5	PATCH, Reinf, Thigh Pulley	1	-24
			---*---		
-31	ST24S097-06	5	RIVET, Oval Hd, Semi-tubular	4	
-32	AN960C10L	5	WASHER, Flat	8	-13,-14,-19,-20,-27, -28,-30
	AN960C10L	5	WASHER, Flat	4	-23,-24
-33	ST24B085-01	5	EYELET, Flanged	4	
-34	AN230WB20	5	EYELET, Washer	4	-13,-14,-19,-20,-27, -28,-30
	AN2302B20	5	EYELET, Washer	8	-23,-24
-35	A6L-101044-01	5	WASHER, Grommet	8	
			---*---		
-36	A7LB-105026-01	5	COVER ASSY, Thigh Convolute, Left	1	-13,-19,-23,-27
	A7LB-105026-02	5	COVER ASSY, Thigh Convolute Right (Attaching Parts)	1	-14,-20,-24,-28,-30
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
-37	ST14N014-02	5	CORD, Nylon, 1/16" dia. ---*---	AR	
-38	A7LB-105024-01	5	CONVOLUTE ASSY, Thigh	1	-13,-14
	A7LB-105024-03	5	CONVOLUTE ASSY, Thigh (Attaching Parts/Substance)	1	-19,-20,-23,-24,-27, -28,-30
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part	AR	
-39	A7LB-105007-01	5	RESTRAINT ASSY, Thigh Cone, Left	1	-13,-19,-23,-27
	A7LB-105007-02	5	RESTRAINT ASSY, Thigh Cone, Right	1	-14,-20,-24,-28,-30

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
8-40	A7LB-105009-01	5	BLADDER ASSY, Thigh Cone, Left	1	-13,-19,-27
	A7LB-105009-02	5	BLADDER ASSY, Thigh Cone, Right	1	-14,-20,-28,-30
	A7LB-105009-03	5	BLADDER ASSY, Thigh Cone, Left	1	-23
	A7LB-105009-04	5	BLADDER ASSY, Thigh Cone, Right ----*----	1	-24
-41	A6L-105032-01	5	COVER ASSY, Knee Convolute	1	-13,-14,-19,-20,-27 -28,-30
	A7LB-105034-01	5	COVER ASSY, Knee Convolute (Attaching Part)	1	-23,-24
-42	ST14N014-02	5	CORD, Nylon, 1/16" dia. ----*----	AR	
-43	A7LB-105006-04	5	CONVOLUTE, Knee	1	-13,-14
	A7LB-105033-01	5	CONVOLUTE, Knee (Attaching Part/Substance)	1	-19,-20,-23,-24,-27, -28,-30
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-44	A6L-105030-01	5	RESTRAINT ASSY, Lower Leg Cone, Left	1	-13,-19
	A6L-105030-02	5	RESTRAINT ASSY, Lower Leg Cone, Right	1	-14,-20
	A7LB-105035-03	5	RESTRAINT ASSY, Lower Leg Cone, Left	1	-23
	A7LB-105035-04	5	RESTRAINT ASSY, Lower Leg Cone, Right	1	-24
	A7LB-105045-03	5	RESTRAINT ASSY, Lower Leg Cone, Left	1	-27
	A7LB-105045-04	5	RESTRAINT ASSY, Lower Leg Cone, Right	1	-28,-30

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
8-45	A7LB-105008-01	5	BLADDER ASSY, Lower Leg Cone, Left	1	-13,-19,-23,-27
	A7LB-105008-02	5	BLADDER ASSY, Lower Leg Cone, Right	1	-14,-20,-24,-28,-30

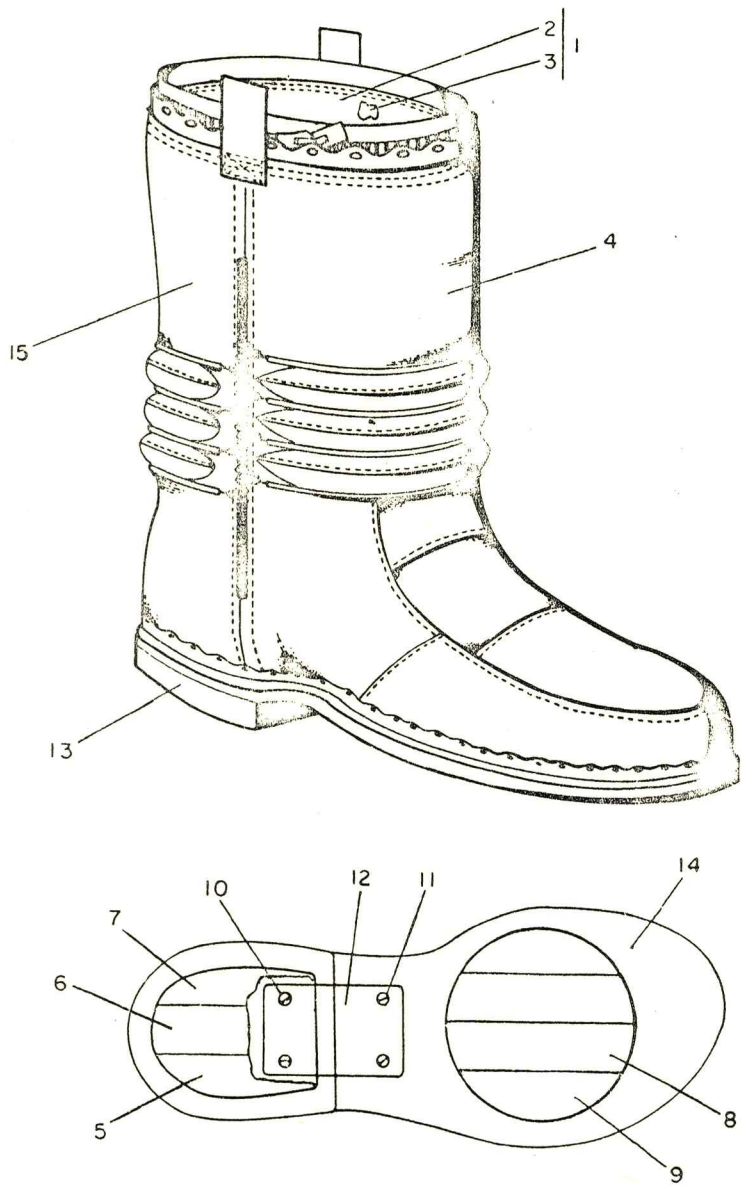


Figure 9 EV TISA Boot Assy

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
9-	A7LB-106061-01	4	BOOT ASSY, TLSA, Left (See Fig 3 for NHA)	REF	-01
	A7LB-106061-02	4	BOOT ASSY, TLSA, Right (See Fig 3 for NHA)	REF	-02
	A7LB-106061-05	4	BOOT ASSY, TLSA, Left (See Fig 3 for NHA)	REF	-05
	A7LB-106061-06	4	BOOT ASSY, TLSA, Right (See Fig 3 for NHA)	REF	-06
-1	A7LB-106063-03	5	BLADDER, LINER AND VENT ASSY, Boot, Left	1	-01
	A7LB-106063-04	5	BLADDER, LINER AND VENT ASSY, Boot, Right	1	-02
	A7LB-106063-09	5	BLADDER, LINER AND VENT ASSY, Boot, Left	1	-05
	A7LB-106063-10	5	BLADDER, LINER AND VENT ASSY, Boot, Right (Attaching Substance)	1	-06
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-2	A7LB-106075-01	6	LINER AND VENT ASSY, Boot, Left	1	-01
	A7LB-106075-02	6	LINER AND VENT ASSY, Boot, Right	1	-02
	A7LB-106019-06	6	LINER AND VENT ASSY, Boot, Right	1	-06
	A7LB-106019-07	6	LINER AND VENT ASSY, Boot, Left	1	-05
-3	A7LB-1Z6117-03	6	BLADDER ASSY, Boot, Left	1	-01
	A7LB-1Z6117-04	6	BLADDER ASSY, Boot, Right	1	-02
	A7LB-1Z6117-07	6	BLADDER ASSY, Boot, Left	1	-05
	A7LB-1Z6117-08	6	BLADDER ASSY, Boot, Right	1	-06
-4	A7LB-106072-01	5	RESTRAINT, HEEL AND SOLE ASSY, Boot, Left	1	-01
	A7LB-106072-02	5	RESTRAINT, HEEL AND SOLE ASSY, Boot, Right	1	-02

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
9-4 (Cont)	A7LB-106072-03	5	RESTRAINT, HEEL AND SOLE ASSY, Boot, Left	1	-05
	A7LB-106072-04	5	RESTRAINT, HEEL AND SOLE ASSY, Boot, Right	1	-06
-5	A7L-1S6077-04	6	PATCH, Fastener, Heel (Attaching Substance)	1	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible ----*----	AR	
-6	A7L-1S6077-05	6	PATCH, Fastener, Heel (Attaching Substance)	1	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible ----*----	AR	
-7	A7L-1S6077-06	6	PATCH, Fastener, Heel (Attaching Substance)	1	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible ----*----	AR	
-8	A7L-1S6078-03	6	PATCH, Fastener, Sole (Attaching Substance)	2	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible ----*----	AR	
-9	A7L-1S6078-04	6	PATCH, Fastener, Sole (Attaching Substance)	2	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible	AR	
-10	A7L-106010-01	6	SCREW, Heel Shank	2	
-11	A7L-106013-01	6	SCREW, Arch Shank	2	
-12	A7L-106014-02	6	ARCH/HEEL SHANK (Attaching Substance)	1	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible ----*----	AR	
-13	A7LB-106070-01	6	HEEL ASSY, Boot (Attaching Parts/Substance)	1	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible	AR	
	ST15F123-02	6	THREAD, Pure Flax Sinew (Bottom Thread) ----*----	AR	

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION II

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
9-14	A7LB-106071-01	6	SOLE ASSY, Left	1	-01,-05
	A7LB-106071-02	6	SOLE ASSY, Right	1	-02,-06
			(Attaching Parts/Substance)		
	ST32R329-01	6	ADHESIVE, Epoxy, Semi-Flexible	AR	
	ST15F123-02	6	THREAD, Pure Flax Sinew (Bottom Thread)	AR	
			---*---		
-15	A7L-106005-01	6	RESTRAINT ASSY, Boot, Left	1	-01
	A7L-106005-02	6	RESTRAINT ASSY, Boot, Right	1	-02
	A7L-106005-05	6	RESTRAINT ASSY, Boot, Left	1	-05
	A7L-106005-06	6	RESTRAINT ASSY, Boot, Right	1	-06
			(Attaching Parts/Substance)		
	ST31N003-01	6	ADHESIVE, Neoprene	AR	
	ST15F123-01	6	THREAD, Pure Flax Sinew (Top Thread)	AR	
	ST15F123-02	6	THREAD, Pure Flax Sinew (Bottom Thread)	AR	
			---*---		

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

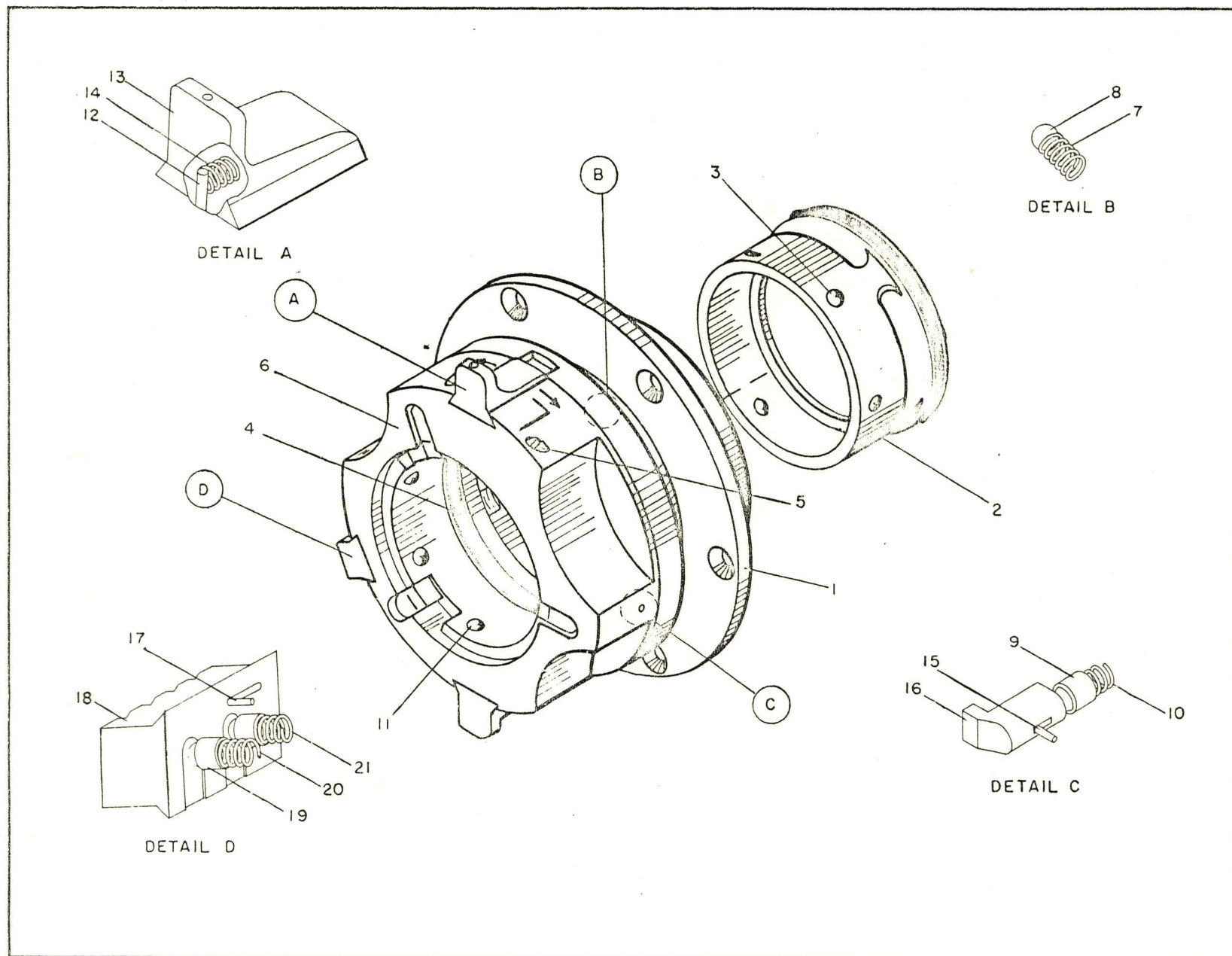


Figure 10 Outer Gas Connector Housing

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
10-	A7LB-109016-03	4	HOUSING ASSY, Outer, Gas Connector, Inlet (Blue) (See Fig 3 or 36 for NHA)	REF	-03
	A7LB-109016-04	4	HOUSING ASSY, Outer, Gas Connector, Exhaust (Red) (See Fig 3 or 36 for NHA)	REF	-04
-1	AL2918B	4	HOUSING, Sub-Assy (Inlet), 97375	1	-03
	AL2918R	4	HOUSING, Sub-Assy (Exhaust), 97375	1	-04
-2	AL21436B	5	WATER BLOCK (Inlet), 97375	1	-03
	AL21436R	5	WATER BLOCK (Exhaust), 97375	1	-04
-3	AL8000	6	BALL, 97375	6	
-4	AL6091-1	5	"O" RING (Housing), 97375	1	
-5	AL2458	5	SCREW, Retainer, 97375	3	
-6	AL2423B	5	RING, Locking (Inlet), 97375	1	-03
	AL2423R	5	RING, Locking (Exhaust), 97375	1	-04
-7	AL7061	6	SPRING, Compression (Radial), 97375	3	
-8	AL8000	6	BALL, 97375	3	
-9	AL1694	6	DETENT, 97375	3	
-10	AL7059	6	SPRING, Compression, 97375	3	
-11	AL8178	6	BALL, 97375	6	
-12	79-012-062-0250	6	ROLLPIN,	2	
-13	AL2761	6	LOCK, 97375	2	
-14	AL7037	6	SPRING, Compression, 97375	2	
-15	79-012-062-0312	6	ROLLPIN,	3	
-16	AL1883	6	RELEASE, Plunger, 97375	3	
-17	79-012-062-0187	6	ROLLPIN	1	
-18	AL2426	6	LOCK, Redundant, 97375	1	
-19	AL2425	6	DETENT, 97375	2	
-20	AL7037	6	SPRING, Compression, 97375	1	
-21	AL7059	6	SPRING, Compression, 97375	1	

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION II

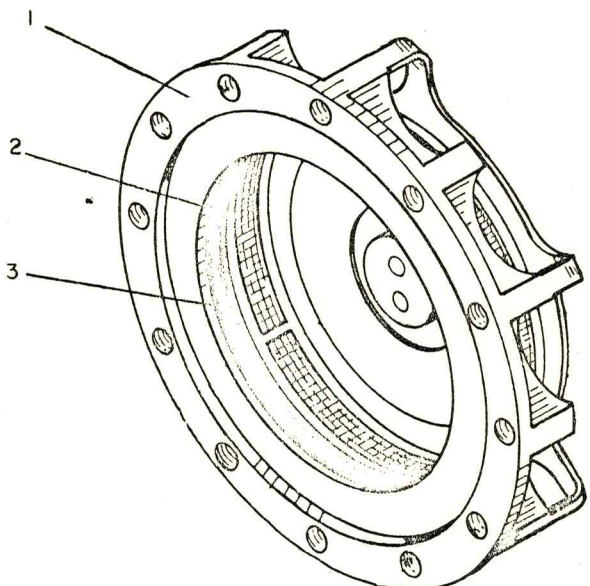


Figure 11 Inner Gas Connector Housing

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Usenble on Code
11-	A7LB-109018-01	4	HOUSING ASSY, Inner, Gas Connector (See Fig 3 or 36 for NHA)	REF	-01
-1	AL2924	5	HOUSING, 97375	1	
-2	AL2926	5	SCREEN, 97375	1	
-3	AL6056-1	5	"O" Ring, 97375	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

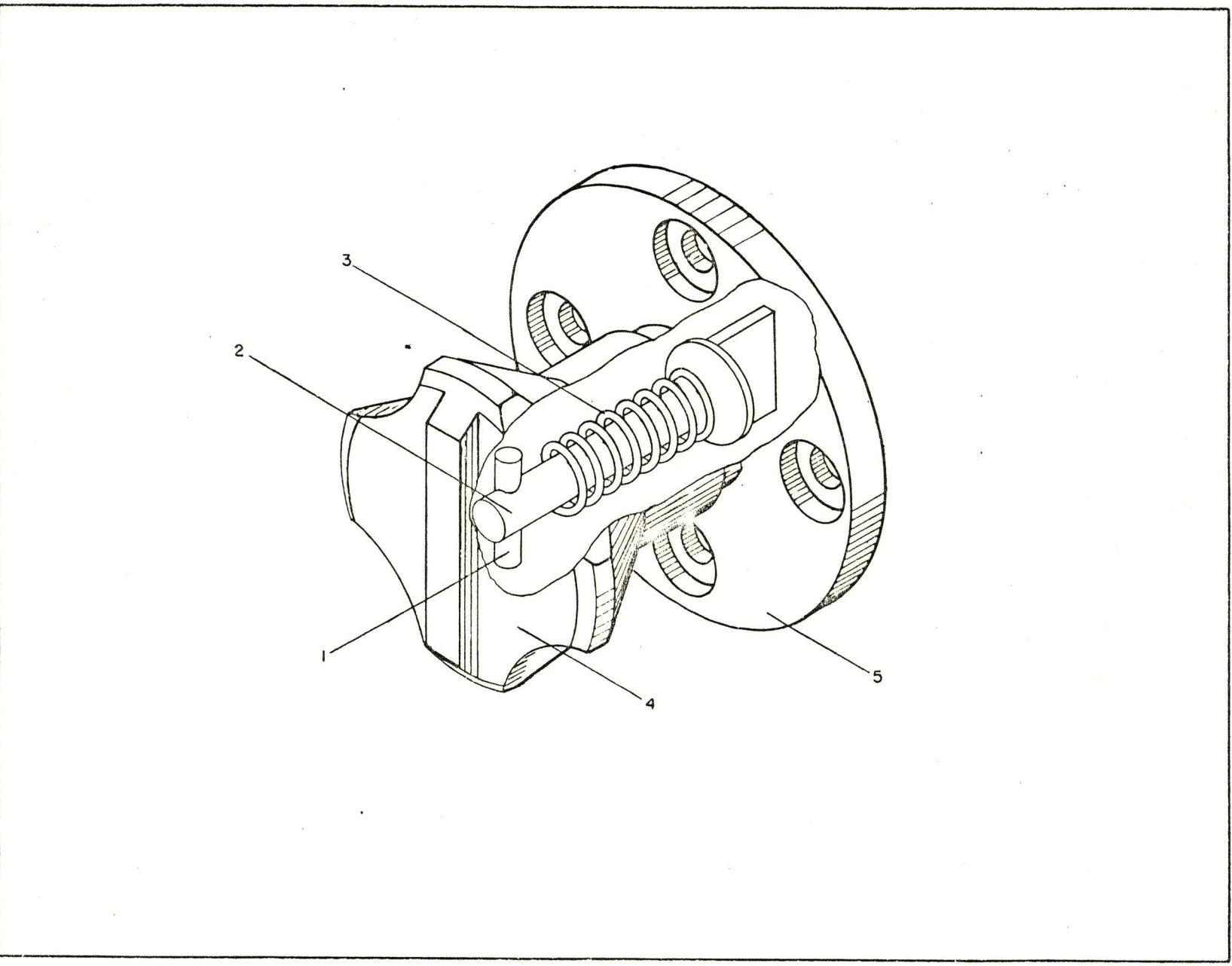


Figure 12 Diverter Valve Knob and Shaft Assy

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
12-	A7LB-109023-01	4	KNOB AND SHAFT ASSY, Diverter Valve (See Fig 3 or 36 for NHA)	REF	-01
-1	79-012-062-0500	5	ROLLPIN	1	
-2	AL2915	5	SHAFT, 97375	1	
-3	AL7076	5	SPRING, Compression, 97375	1	
-4	AL2916	5	KNOB, 97375	1	
-5	AL2913	5	HUB, Sub-Assy, 97375	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

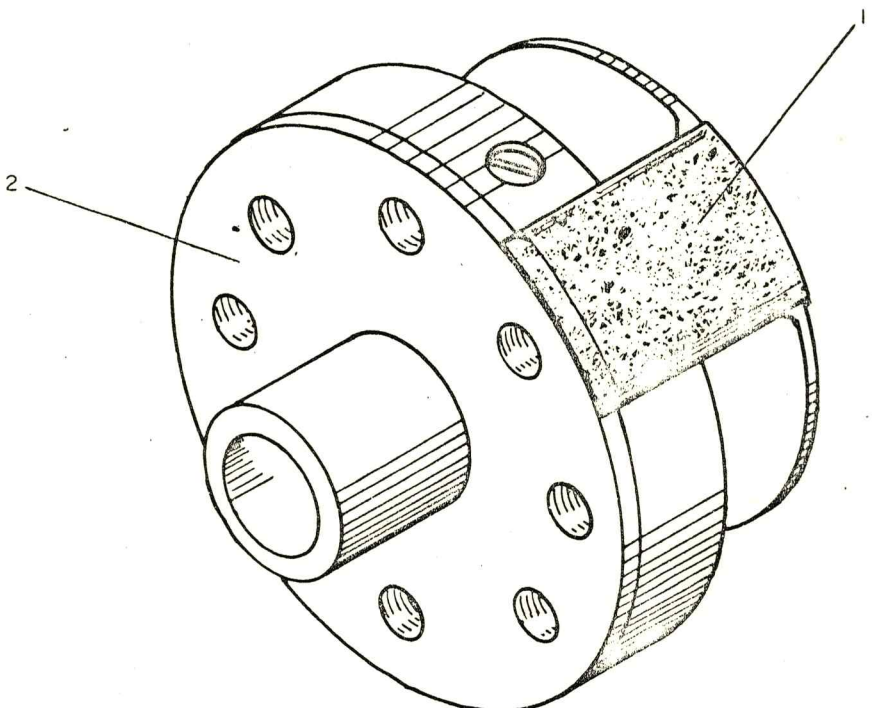


Figure 13 Diverter Valve and Duct Seal Assy

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
13-	A7LB-109045-01	4	DIVERTER VALVE AND DUCT SEAL ASSY (See Fig 3 for NHA)	REF	-01
	A7LB-109045-02	4	DIVERTER VALVE AND DUCT SEAL ASSY (See Fig 3 or 36 for NHA)	REF	-02
-1	ST17N399-01	5	STRIP, Seal	2	-01
	ST17N399-11	5	STRIP, Seal (Attaching Substance)	2	-02
	ST31N308-01	5	ADHESIVE, Neoprene, One-Part ---*---	AR	
-2	A7LB-109024-01	5	INNER HOUSING ASSY, Diverter Valve (See Fig 14 for Bkdn)	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

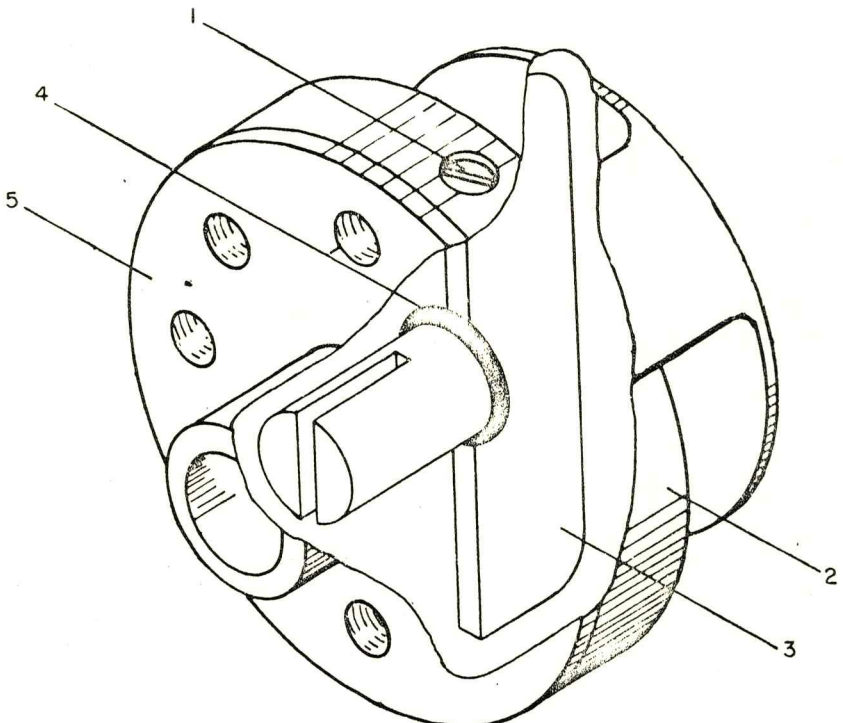


Figure 14 Diverter Valve Inner Housing Assy

Fig 8 Index	Part Number	Level	Description	Qty Assy	Useable on Code
14-	A7LB-109024-01	5	INNER HOUSING ASSY, Diverter Valve (See Fig 13 for NHA)	REF	-01
-1	AL2912	6	RETAINER, 97375	4	
-2	AL2911	6	BASKET, 97375	1	
-3	AL2910	6	BLADE, 97375	1	
-4	AL6006-1	6	"O" Ring, 97375	1	
-5	AL2909	6	HOUSING, Blade, 97375	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

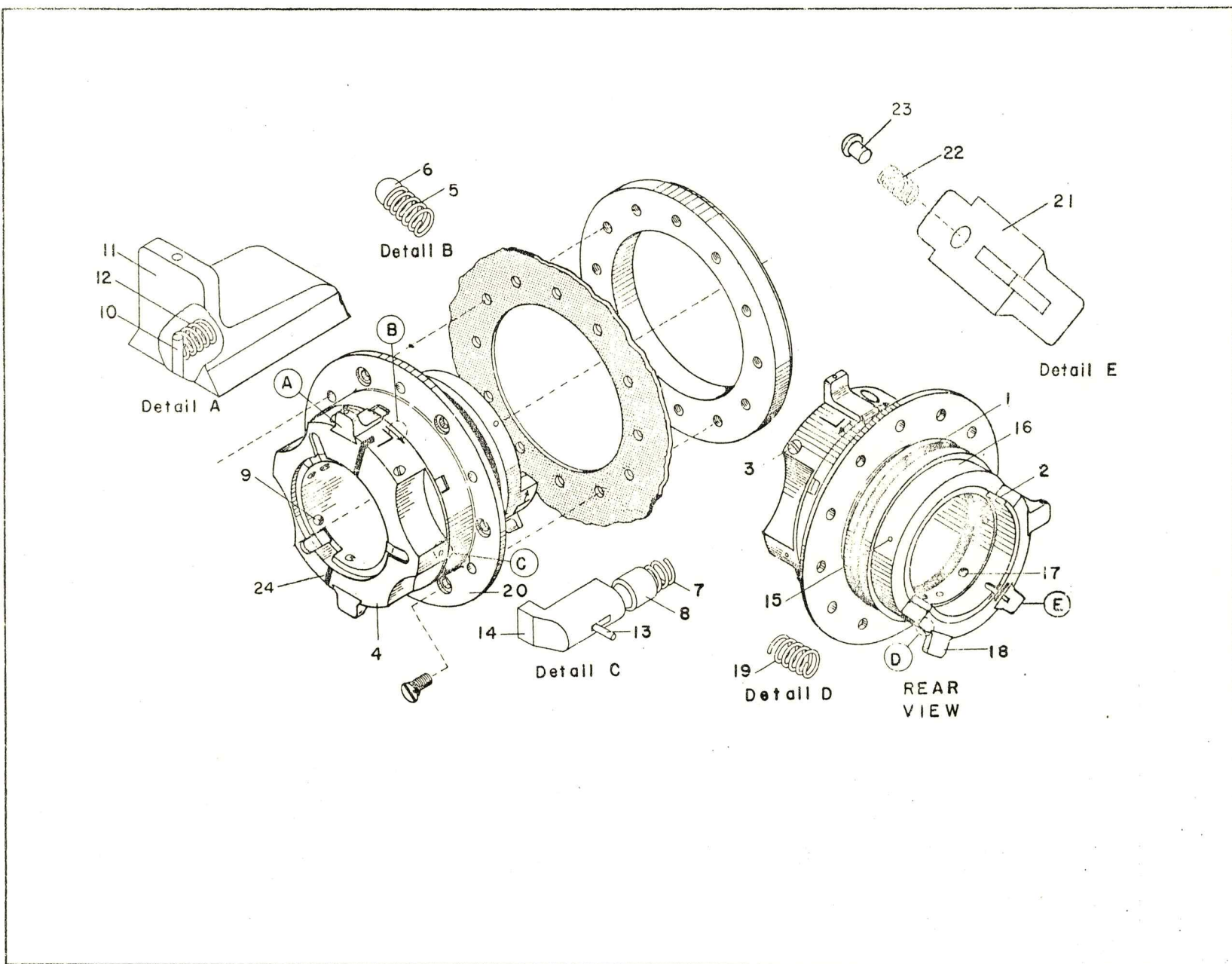


Figure 15 Multiple Water Connector

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
15-	A7LB-109032-04	4	RECEPTACLE ASSY, Multiple H ₂ O Connector (See Fig 36 for NHA)	REF	-04
	A7LB-109037-05	4	RECEPTACLE ASSY, Multiple H ₂ O Connector (See Fig 3 for NHA)	REF	-05
	A7LB-109037-06	4	RECEPTACLE ASSY, Multiple H ₂ O Connector (See Fig 36 for NHA)	REF	-06
-1	AL6056-1	5	"O" RING, 97375	1	
-2	AL6091-1	5	"O" RING, 97375	1	
-3	AL2458	5	RETAINER, Screw, 97375	3	
-4	AL1882-1	5	RING, Locking, 97375	1	
-5	AL7061	5	SPRING, Compression, 97375	3	
-6	AL8000	5	BALL, 97375	3	
-7	AL7059	5	SPRING, Compression, 97375	3	
-8	AL1694	5	DETENT, 97375	3	
-9	AL8178	5	BALL, 97375	6	
-10	79-012-062-0250	5	ROLLPIN	2	
-11	AL2761	5	LOCK, 97375	2	
-12	AL7037	5	SPRING, Compression, 97375	2	
-13	79-012-062-0312	5	ROLLPIN	3	
-14	AL1883	5	PLUNGER, Release, 97375	3	
-15	79-012-062-0218	5	ROLLPIN	3	
-16	AL21610	5	LOCKING RING, Sub-Assy, 97375	1	
-17	AL8178	6	BALL, 97375	6	
-18	AL2888	6	LOCK, 97375	2	
-19	AL7037	6	SPRING, Compression, 97375	2	
-20	AL21608	5	HOUSING, Sub-Assy, 97375	1	
-21	AL21607	6	LOCK, 97375	1	-04,-05
	AL21962	6	LOCK, 97375	1	-06
-22	AL7059	6	SPRING, Compression, 97375	1	-04,-05
	AL7119	6	SPRING, Compression, 97375	1	-06
-23	AL2425	6	DETENT, 97375	1	-04,-05
-24	ST19D531-01	5	ALIGNMENT DECAL	2	-05

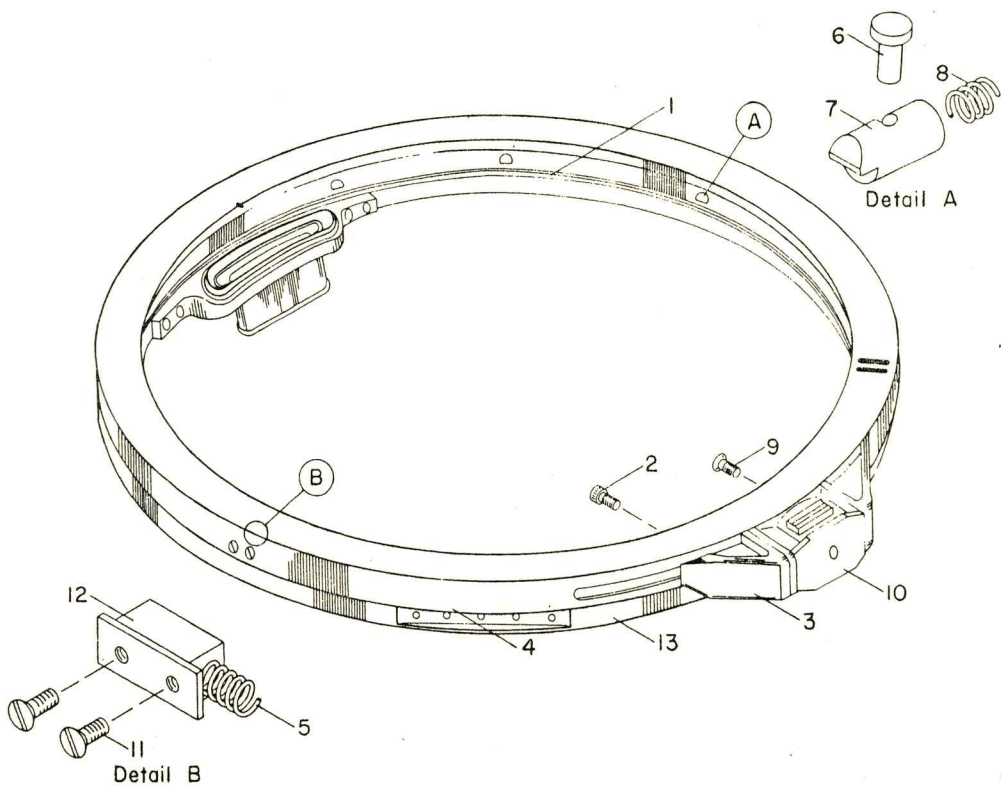


Figure 16 Attaching Neck Ring Assembly

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
16-	A7LB-109010-01	4	NECK RING, Suit Side (See Fig 3 or 36 for NHA)	REF	-01
-1	AL1939	5	SEAL, Lip, 97375	1	
-2	AL8336	5	SCREW, Cap, Socket Hd, 97375	2	
-3	AL2294R	5	STOP, Lock, 97375	1	
-4	AL2904	5	RING, Locking, 97375	1	
-5	AL7069B	5	SPRING, Compression, 97375	3	
-6	AL2566	5	PIN, Latch, 97375	8	
-7	AL2126	6	LATCH, 97375	8	
-8	AL7059	6	SPRING, Latch, Compression, 97375	8	
-9	AN505C4-7	6	SCREW, Flat Hd	2	
-10	AL2675	7	LOCK, Sub-Assy, 97375	1	
-11	AN505C2-3	7	SCREW, Flat Hd	6	
-12	AL2011	6	RETAINER, Ring, Locking, 97375	3	
-13	AL2903	5	HOUSING, 97375	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

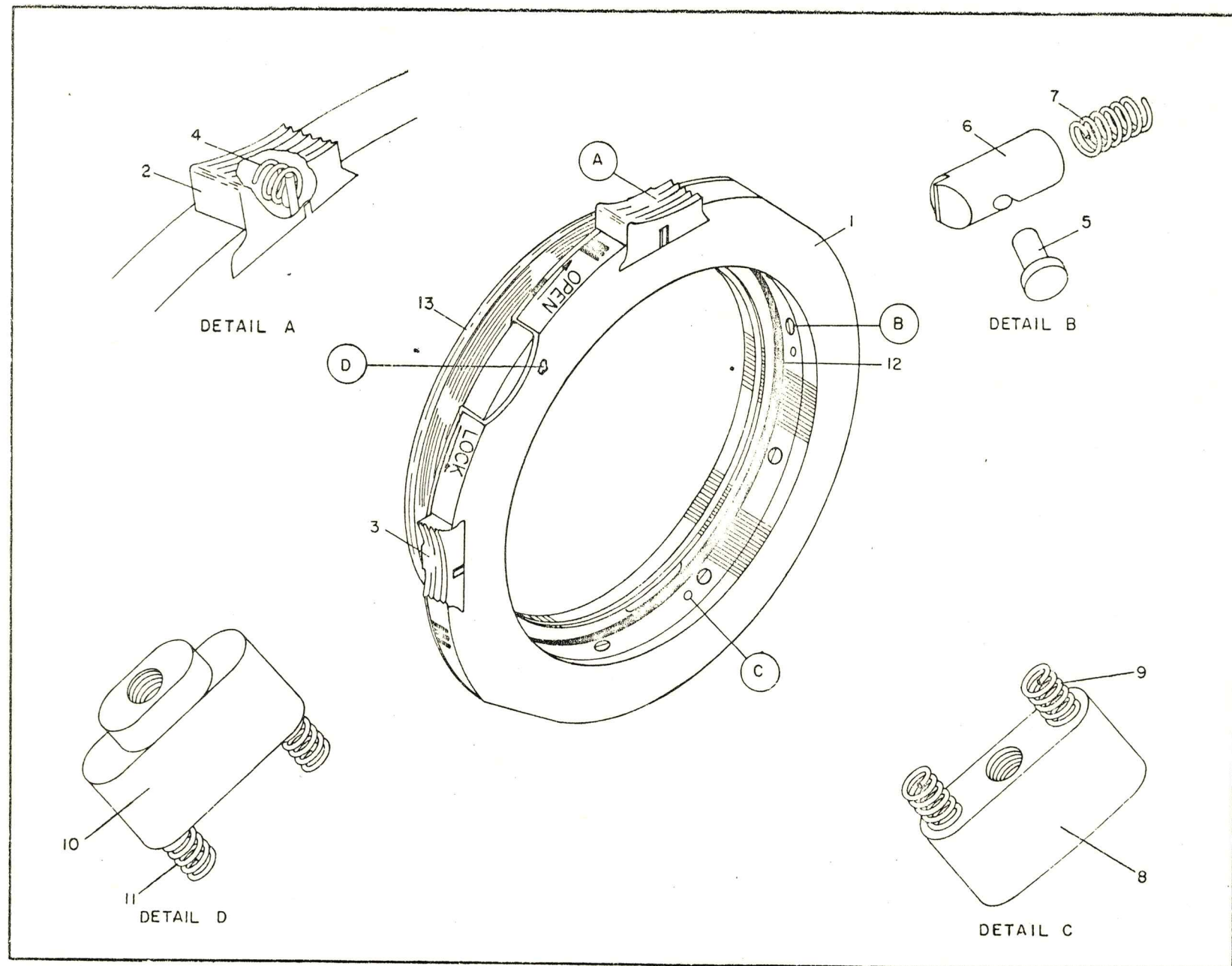


Figure 17 Suit Side Wrist Disconnect

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
17-	A7LB-109029-01	4	DISCONNECT ASSY, Wrist, Suit Side, LH (See Fig 3, 25, 36 or 41 for NHA)	REF	-01
	A7LB-109029-02	4	DISCONNECT ASSY, Wrist, Suit Side, RH (See Fig 3, 25, 36 or 41 for NHA)	REF	-02
-1	AL2843	5	RING ASSY, Locking, LH, 97375	1	-01
	AL2846	5	RING ASSY, Locking, RH, 97375	1	-02
-2	AL2764	6	LOCK, Sub-Assy, LH, 97375	1	-01
	AL2762	6	LOCK, Sub-Assy, RH, 97375	1	-02
-3	AL2765	6	LOCK, Sub-Assy, LH, 97375	1	-01
	AL2763	6	LOCK, Sub-Assy, RH, 97375	1	-02
-4	AL7075	6	SPRING, Compression, Lock, 97375	2	
-5	AL1768	6	PIN, Latch, 97375	8	
-6	AL1767	6	LATCH, 97375	8	
-7	AL7059	6	SPRING, Compression, 97375	8	
-8	AL2263	5	RETAINER, Ring, Locking, 97375	3	
-9	AL7059	6	SPRING, Compression, 97375	6	
-10	AL2637	5	RETAINER, Ring, Locking, 97375	1	
-11	AL7059	6	SPRING, Compression, 97375	2	
-12	AL6301	5	SEAL, Static, 97375	1	
-13	AL21265	5	HOUSING, LH, 97375	1	-01
	AL21264	5	HOUSING, RH, 97375	1	-02

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

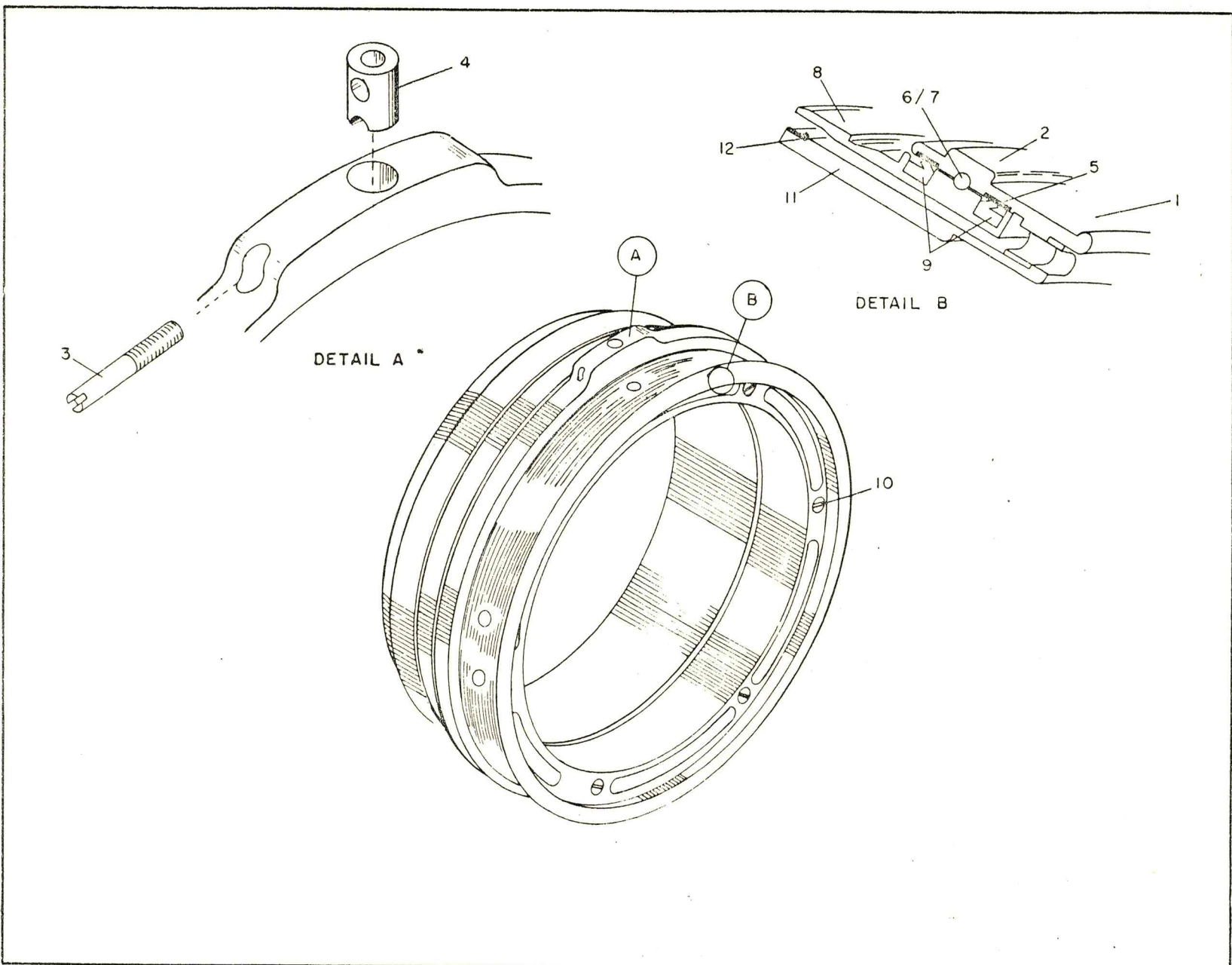


Figure 18 Glove Side Wrist Disconnect

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
18-	A7L-103002-01	4	DISCONNECT ASSY, Wrist, Glove Side, LH (Blue) (See Fig 19 or 20 for NHA)	REF	-01
	A7L-103002-02	4	DISCONNECT ASSY, Wrist, Glove Side, RH (Red) (See Fig 19 or 20 for NHA)	REF	-02
-1	AL2849	5	RACE, Outer, Sub-Assy, RH 97375	1	-02
	AL2851	5	RACE, Outer, Sub-Assy, LH, 97375	1	-01
-2	AL2850	6	RACE, Outer, RH, 97375	1	-02
	AL2852	6	RACE, Outer, LH, 97375	1	-01
-3	AL1612	7	RETAINER, Insert, 97375	1	
-4	AL1611	7	INSERT, Ball Race, 97375	1	
-5	AL2853	5	RING, Anti-Friction, 97375	2	
-6	AL8179	5	BALL, 97375	65	
-7	AL1482	5	SPACER, 97375	65	
-8	AL2854B	5	RACE, Inner, LH, 97375	1	-01
	AL2854R	5	RACE, Inner, RH, 97375	1	-02
-9	AL6302	5	RING, Wiping, 97375	1	
-10	AN505C2-3	5	SCREW, Flat-Head	6	
-11	AL2855	5	RING, Vent, Sub-Assy, RH, 97375	1	-02
	AL2857	5	RING, Vent, Sub-Assy, LH, 97375	1	-01
-12	AL2859	6	INSERT, Teflon, 97375	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

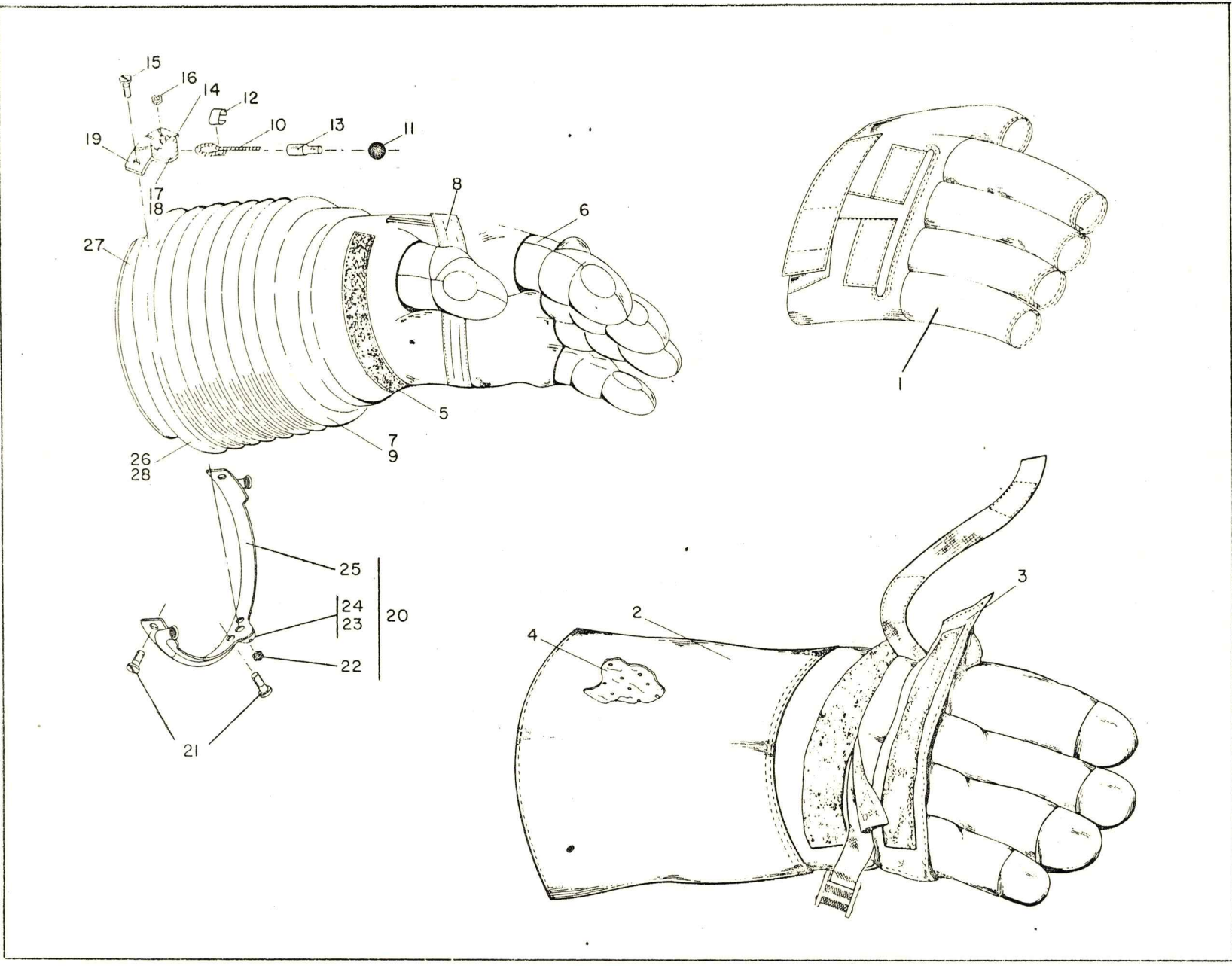


Figure 19 A7LB EV Glove Assembly

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
19-	A7LB-203034-03	2	GLOVE ASSY, EV, Left (See Fig 1, 23, or 34 for NHA) S/N 324, 327, 328, 329	REF	-03
	A7LB-203034-04	2	GLOVE ASSY, EV, Right (See Fig 1, 23 or 34 for NHA) S/N 324, 327, 328, 329	REF	-04
	A7LB-203034-05	2	GLOVE ASSY, EV, Left (See Fig 1, 23 or 34 for NHA) S/N 307, 321	REF	-05
	A7LB-203034-06	2	GLOVE ASSY, EV, Right (See Fig 1, 23 or 34 for NHA) S/N 307, 321	REF	-06
	A7LB-203034-07	2	GLOVE ASSY, EV, Left (See Fig 1, 23 or 34 for NHA) S/N 306	REF	-07
	A7LB-203034-08	2	GLOVE ASSY, EV, Right (See Fig 1, 23 or 34 for NHA) S/N 306	REF	-08
	A7LB-203034-13	2	GLOVE ASSY, EV, Left (See Fig 1, 23 or 34 for NHA) S/N 336, 344, 345, 357, 359 thru 371	REF	-13
	A7LB-203034-14	2	GLOVE ASSY, EV, Right (See Fig 1, 23 or 34 for NHA) S/N 336, 344, 345, 357, 359 thru 371	REF	-14

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
19-	A7LB-203034-15	2	GLOVE ASSY, EV, Left (See Fig 1, 23 or 34 for NHA) S/N 308, 320, 331, 334, 335, 356	REF	-15
	A7LB-203034-16	2	GLOVE ASSY, EV, Right (See Fig 1, 23 or 34 for NHA) S/N 308, 320, 331, 334, 335, 356	REF	-16
-1	A7L-203035-03	2	COVER, Glove, Abrasion, EV, Left	1	-05,-07,-13,-15
	A7L-203035-04	2	COVER, Glove, Abrasion, EV Right	1	-06,-08,-14,-16
-2	A7L-203036-01	3	SHELL ASSY, Left	1	-03,-05,-07,-13,-15
	A7L-203036-02	3	SHELL ASSY, Right (Attaching Substance)	1	-04,-06,-08,-14,-16
	ST31N003-01	3	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-3	A7L-2S3036-01	4	SHELL, Flap, Left	1	-03,-05,-07,-13,-15
	A7L-2S3036-02	4	SHELL, Flap, Right (Attaching Part)	1	-04,-06,-08,-14,-16
	ST15N055-01	4	THREAD, Nomex ---*---	AR	
-4	A7L-203033-03	3	GAUNTLET ASSY, Left	1	-03,-05,-07,-13,-15
	A7L-203033-04	3	GAUNTLET ASSY, Right	1	-04,-06,-08,-14,-16
-5	A7LB-103017-01	4	ANCHOR ASSY, EV (Attaching Substance)	1	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-6	A7LB-103010-03	3	GLOVE ASSY, Pressure, EV, Left	1	-03,-05
	A7LB-103010-04	3	GLOVE ASSY, Pressure, EV, Right	1	-04,-06
	A7LB-103010-07	3	GLOVE ASSY, Pressure, EV, Left	1	-07,-13,-15

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
19-6 (Cont)	A7LB-103010-08	3	GLOVE ASSY, Pressure, EV Right	1	-08,-14,-16
-7	A7LB-103023-01	4	GAUNTLET ASSY, Left	1	-03,-05
	A7LB-103023-02	4	GAUNTLET ASSY, Right	1	-04,-06
	A7LB-103023-03	4	GAUNTLET ASSY, Left	1	-07,-13,-15
	A7LB-103023-04	4	GAUNTLET ASSY, Right	1	-08,-14,-16
-8	A7L-103020-01	5	RESTRAINT ASSY, Palm, Left	1	-03,-05,-07,-13,-15
	A7L-103020-02	5	RESTRAINT ASSY, Palm, Right	1	-04,-06,-08,-14,-16
-9	A7LB-103012-03	4	GLOVE ASSY, Intermediate, Left	1	-03,-05
	A7LB-103012-04	4	GLOVE ASSY, Intermediate, Right	1	-04,-06
	A7LB-103012-07	4	GLOVE ASSY, Intermediate, Left	1	-07,-13,-15
	A7LB-103012-08	4	GLOVE ASSY, Intermediate, Right (Attaching Substance)	1	-08,-14,-16
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-10	ST29C118-01	5	CABLE, Nylon Coated	AR	
-11	A7LB-103024-01	5	BEAD, Cushion (Attaching Parts)	4	
-12	ST27S061-05	5	SLEEVE, Swaging	4	
-13	ST16S046-18	5	TUBING, Shrinkable ----*----	AR	
-14	A6L-103013-01	5	CAPSTAN ASSY (Attaching Parts)	1	
-15	A7L-109000-03	5	SCREW, Modified MS35233-4 ----*----	2	
-16	ST26S041-01	6	NUT, Miniature Hex (Attaching Substance)	2	
	ST32R100-01	6	ADHESIVE, Epoxy ----*----	AR	
-17	A6L-103014-01	6	PULLEY, Cable	2	
-18	A6L-103015-01	6	BUSHING, Eccentric	2	

8819700713C

SECTION 11
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
19-19	A6L-103016-01	6	STUD AND MOUNTING PLATE ASSY ----*----	1	
-20	A7L-103006-01	5	MOUNTING GUIDE & CAPSTAN ASSY, Left	1	-03,-05,-07,-13,-15
	A7L-103009-01	5	MOUNTING GUIDE & CAPSTAN ASSY, Right (Attaching Parts)	1	-04,-06,-08,-14,-16
-21	A7L-109000-03	5	SCREW, Modified ----*----	4	
-22	ST26S041-01	6	NUT, Hex, Miniature	1	
-23	A6L-103014-01	6	PULLEY, Cable	1	
-24	A6L-103015-01	6	BUSHING, Eccentric	1	
-25	A7L-103005-01	6	MOUNTING ASSY, Cable Guide, LH	1	-03,-05,-07,-13,-15
	A7L-103008-01	6	MOUNTING ASSY, Cable Guide, RH ----*----	1	-04,-06,-08,-14,-16
-26	A7LB-103016-01	4	FLANGE, Retaining (Attaching Substance)	1	
	ST31N308-01	4	ADHESIVE, Neoprene, One-Part ----*----	AR	
-27	A7L-103002-01	3	DISCONNECT ASSY, Wrist, Glove Side, Left (See Fig 18 for Bkdn)	1	-03,-05,-07,-13,-15
	A7L-103002-02	3	DISCONNECT ASSY, Wrist, Glove Side, Right (See Fig 18 for Bkdn) (Attaching Part/Substance)	1	-04,-06,-08,-14,-16
-28	ST14N016-01	3	CORE, Yarn	AR	
	ST32R005-01	3	ADHESIVE, Resin, Two-Part	AR	
	ST31N003-01	3	ADHESIVE, Neoprene, Two-Part	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

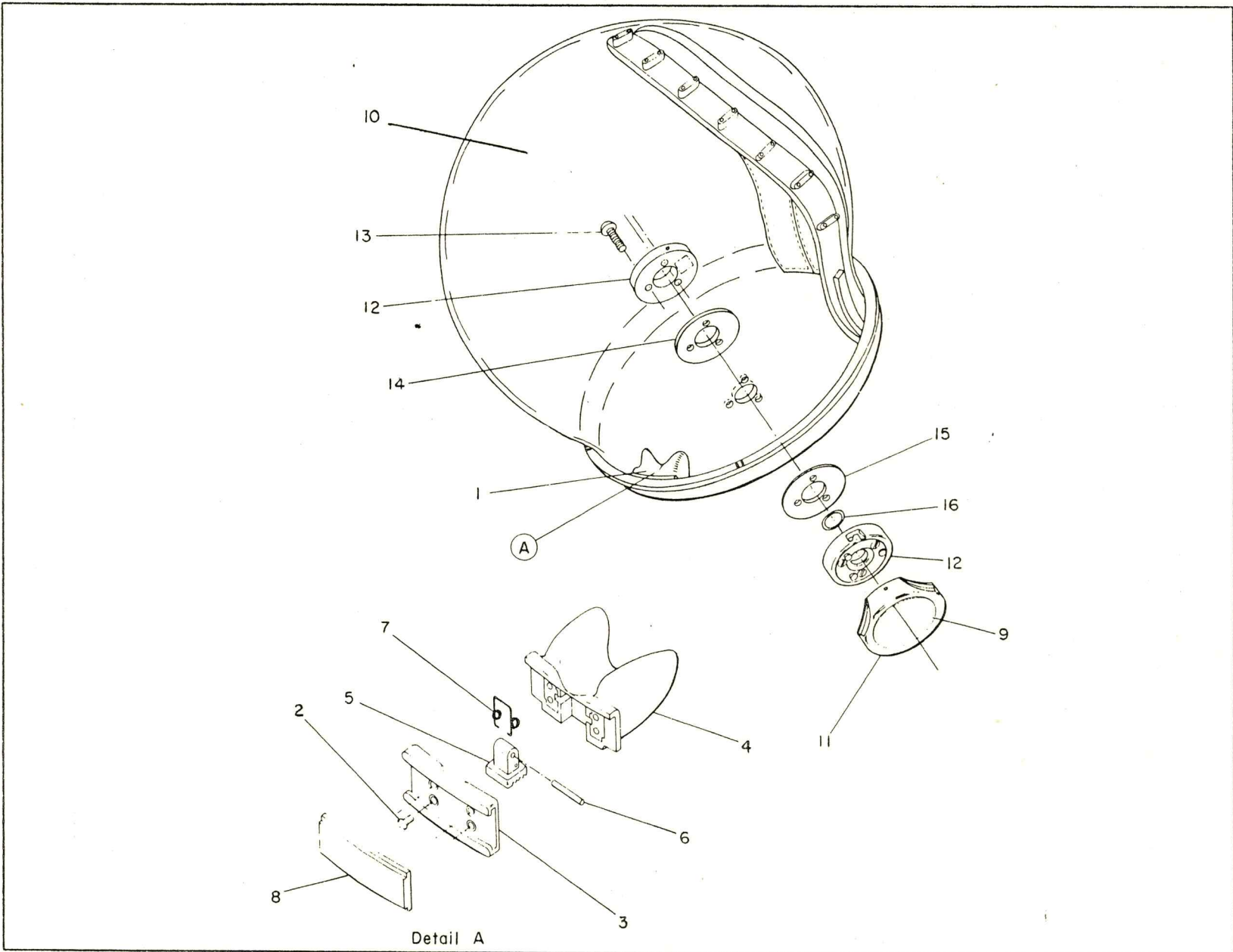


Figure 21 Pressure Helmet Assembly

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
21-	A7LB-102053-03	2	HELMET ASSY, Enlarged (See Fig 1, 23, 34 or 39 for NHA) S/N's 524, 301	REF	-03
	A7LB-102053-10	2	HELMET ASSY, Enlarged (See Fig 1, 23, 34 or 39 for NHA) S/N 520, 525, 528, 302, 305, 306	REF	-10
	A7LB-102053-11	2	HELMET ASSY, Enlarged (See Fig 1, 23, 34 or 39 for NHA) S/N 529 thru 532	REF	-11
	A7LB-102053-12	2	HELMET ASSY, Enlarged (See Fig 1, 23, 34 or 39 for NHA) S/N 304, 308 thru 332	REF	-12
	A7LB-102053-13	2	HELMET ASSY, Enlarged (See Fig 1, 23, 34 or 39 for NHA)	REF	-13
-1	A7L-102038-03	3	VALSALVA MANEUVER DEVICE (FOI)	1	
-2	A7L-102033-01	4	SCREW, Valsalva Maneuver Device	4	
-3	A7L-102037-01	4	PLATE, Attaching, Valsalva	1	
-4	A7L-102041-01	4	MOLDING, Valsalva	1	
-5	A7L-102035-02	4	LATCH, Valsalva	1	
-6	A7L-102038-02	4	SHAFT, Latch 1/16" Dia x 1/2" lg.	1	
-7	A7L-102039-02	4	SPRING, Latch, Valsalva	1	
-8	A7L-102036-02	3	PLATE, Attaching, Helmet (FOI)	1	
-9	A7L-1S2014-01	3	FASTENER TAPE, Feed Port Cover	2	

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
21-10	A7LB-102051-03	3	HELMET SHELL ASSY, Enlarged	1	-03
	A7LB-102051-06	3	HELMET SHELL ASSY, Enlarged	1	-10
	A7LB-102051-07	3	HELMET SHELL ASSY, Enlarged	1	-11
	A7LB-102051-08	3	HELMET SHELL ASSY, Enlarged	1	-12
	A7LB-102051-09	3	HELMET SHELL ASSY, Enlarged	1	-13
-11	A6L-102006-05	4	COVER ASSY, Feed Port	1	
-12	A6L-102006-08	4	FEED PORT ASSY	1	
-13	ST25S335-01	4	SCREW, Fillister Hd, Cres #4-40 x 5/8" (Yellow Colored Nylock Screws only)	3	
-14	AL2807	4	GASKET, Feed Port, Inside, 97375	1	
-15	AL2808	4	GASKET, Feed Port, Outside, 97375	1	
-16	A6L-503028-03	4	"O" RING, Feed Port	1	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

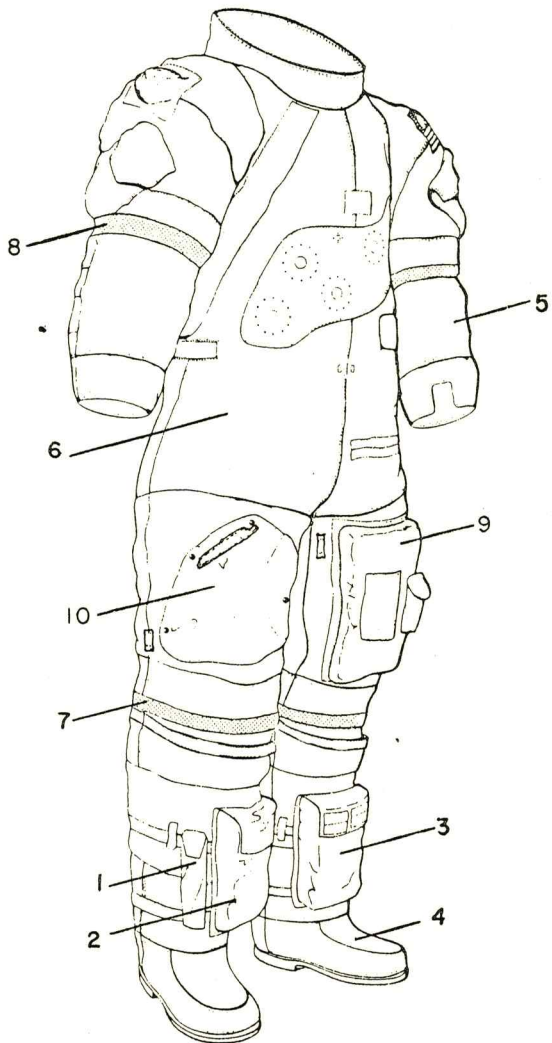


Figure 22 EV Integrated TMG Assembly

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
22-	A7LB-201154-02	1	ITMG ASSY (Replaceable Assy - See Fig 2)	REF	-02
	A7LB-201154-03	1	ITMG ASSY (Replaceable Assy - See Fig 2)	REF	-03
	A7LB-201154-04	1	ITMG ASSY (Replaceable Assy - See Fig 2)	REF	-04
	A7LB-201154-05	1	ITMG ASSY (Replaceable Assy - See Fig 2)	REF	-05
-1	A7LB-201175-01	2	POCKET ASSY, Scissors	1	
-2	A7LB-201155-01	2	POCKET ASSY, Checklist	1	-02,-03,-04
	A7LB-201155-02	2	POCKET ASSY, Checklist	1	-05
-3	A7LB-201156-01	2	POCKET ASSY, Data List	1	
-4	A7LB-206051-03	2	BOOT ASSY, ITMG, Left	1	-02,-03
	A7LB-206051-04	2	BOOT ASSY, ITMG, Right	1	-02,-03
	A7LB-206051-05	2	BOOT ASSY, ITMG, Left	1	-04,-05
	A7LB-206051-06	2	BOOT ASSY, ITMG, Right	1	-04,-05
-5	A7LB-201170-01	2	ARM ASSY, Lower, Left	1	
	A7LB-201170-02	2	ARM ASSY, Lower, Right ----*----	1	
-6	A7LB-201177-06	2	TORSO ASSY, ITMG	1	
-7	A7LB-201188-01	2	BAND, Identification, Crew Commander (FOI) (Attaching Part)	2	
	ST15N055-01	2	THREAD, Nomex ----*----	AR	
-8	A7LB-201188-02	2	BAND, Identification, Crew Commander (FOI) (Attaching Part)	2	
	ST15N055-01	2	THREAD, Nomex ----*----	AR	

8819700713C

SECTION II
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
22-9	A7LB-201178-02	3	POCKET ASSY, Utility, EV	1	
-10	A7LB-201167-01	3	FLAP ASSY, UCD and PRV Access	1	

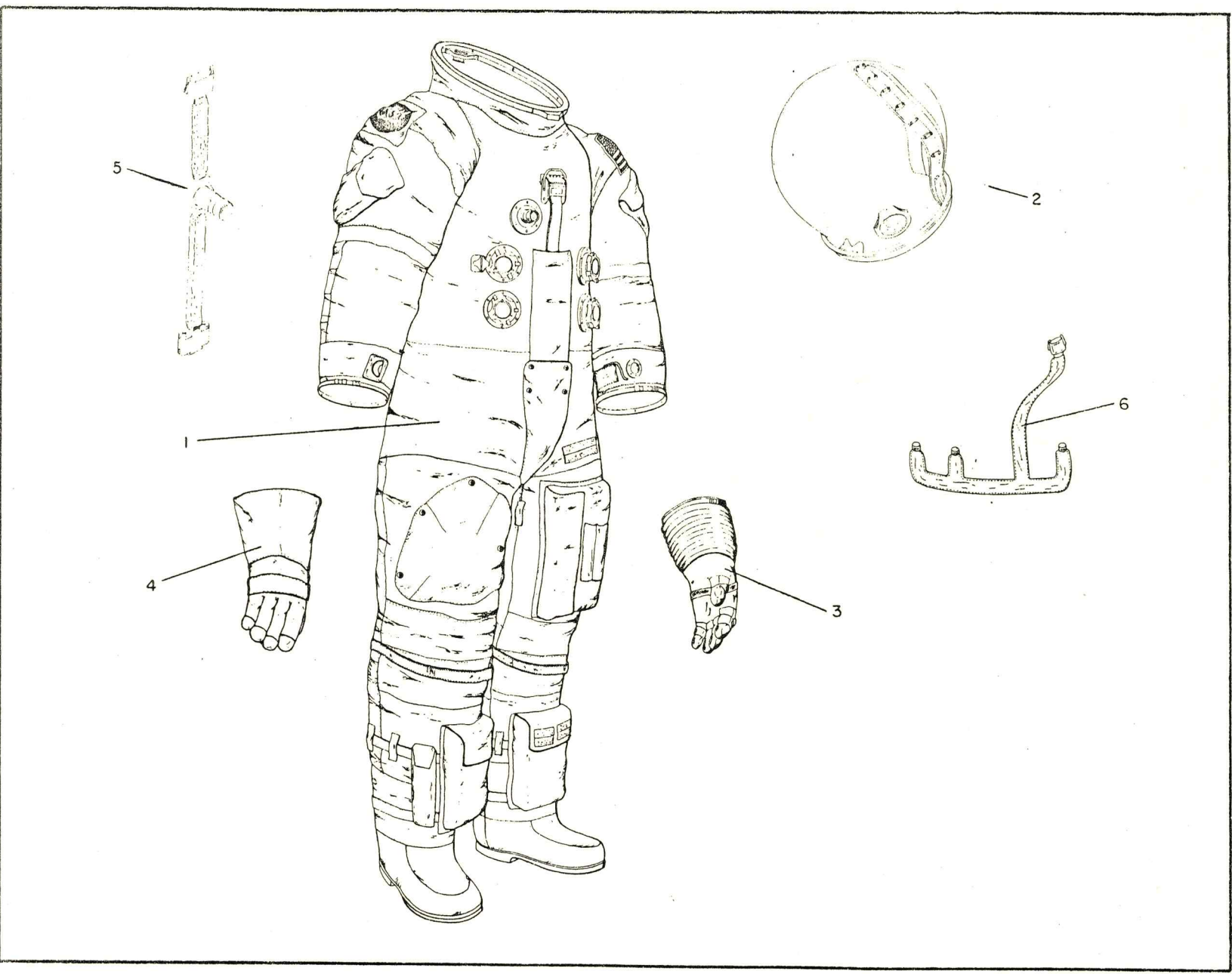


Figure 23 CMP Separable Components

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
23-			A7LB CMP SEPARABLE COMPONENTS		
-1	A7LB-100008	1	TLSA, Integrated, CMP (See Fig 24 for Bkdn)	REF	
-2	A7LB-102053	2	HELMET ASSY (See Fig 21 for Bkdn)	REF	
-3	A7LB-103011	2	GLOVE ASSY, Pressure, IV (See Fig 20 for Bkdn)	REF	
-4	A7LB-203034	2	GLOVE ASSY, Extravehicular (See Fig 19 for Bkdn)	REF	
-5	A7LB-109040	2	HARNESS ASSY, Electrical, Suit (See Fig 53 for Bkdn)	REF	
-6	A7LB-109043	2	HARNESS ASSY, Bio (See Fig 54 for Bkdn)	REF	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

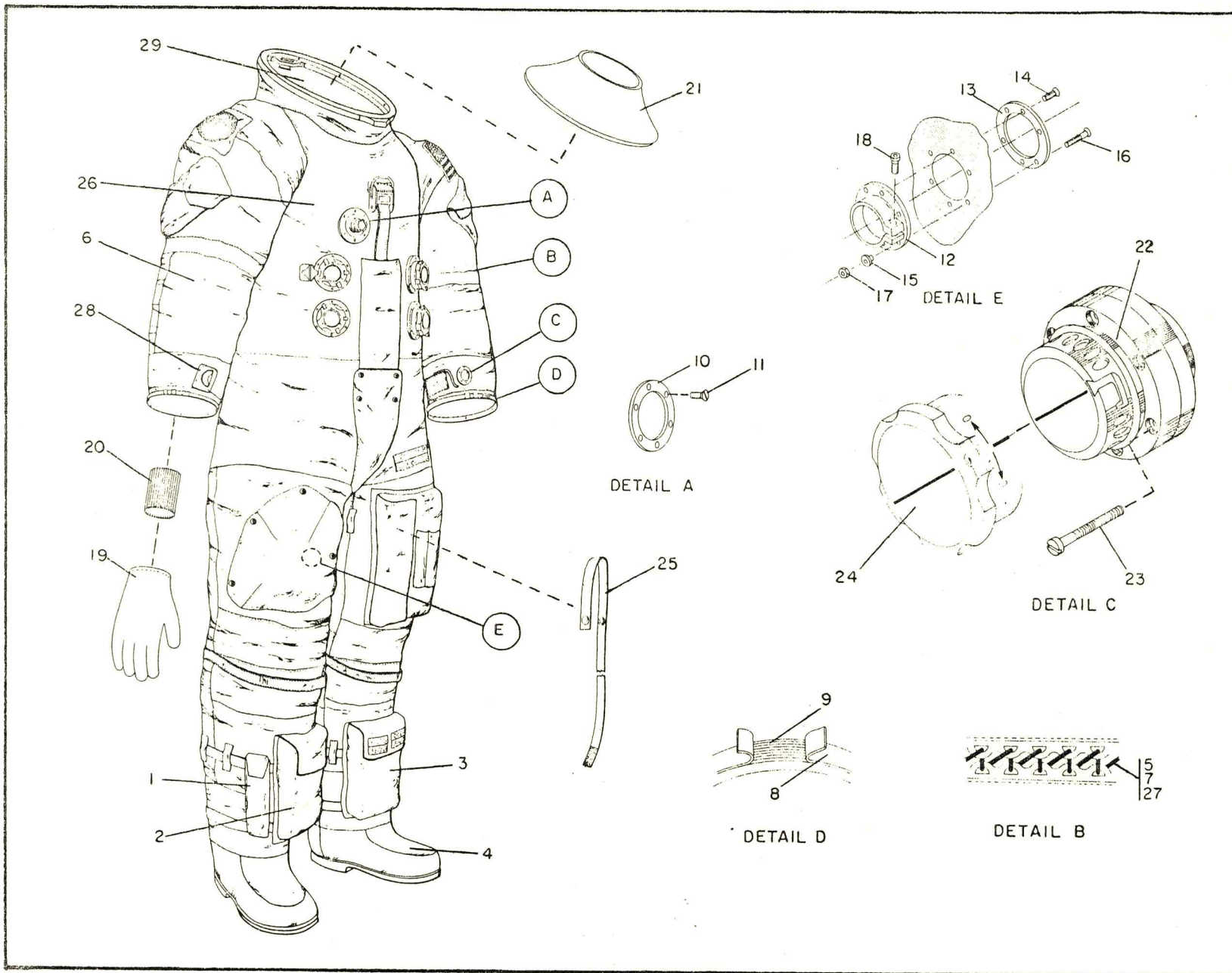


Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
24-	A7LB-100008-04	2	TLSA, Integrated, CMP (See Fig 23 for NHA) (S/N 072, 401 thru 404)	REF	-04
	A7LB-100008-05	2	TLSA, Integrated, CMP (See Fig 23 for NHA) (S/N 081, 096)	REF	-05
-1	A7LB-201175-01	3	POCKET ASSY, Scissors	1	
-2	A7LB-201153-01	3	POCKET ASSY, Checklist	1	-05
	A7LB-201155-01	3	POCKET ASSY, Checklist	1	-04
-3	A7LB-201121-01	3	POCKET ASSY, Data List	1	-05
	A7LB-201156-01	3	POCKET ASSY, Data List	1	-04
-4	A7LB-106077-01	3	BOOT ASSY, CLA, Left	1	
	A7LB-106077-02	3	BOOT ASSY, CLA, Right (Attaching Part)	1	
-5	ST14N014-03	3	CORD, Nylon, 1/16 Dia ----*----	AR	
-6	A7LB-101203-02	3	ARM ASSY, Lower, CLA, Right	1	
	A7LB-101203-05	3	ARM ASSY, Lower, CLA, Left (Attaching Parts/Substance)	1	
-7	ST14N014-03	3	CORD, Nylon, 1/16 Dia	AR	
-8	A7LB-104138-01	3	RING, Wrist	1	
-9	ST14N016-01	3	CORE, Yarn	AR	
	ST31N003-01	3	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-10	A7L-201039-01	3	FLANGE, Electrical Conn. Outer (Attaching Parts)	1	
-11	A7L-109000-01	3	SCREW, Machine, Modified ----*----	6	
-12	A7L-201065-01	4	CLAMP, Mounting, UCD	1	
-13	A7L-201066-01	4	RING, Mounting, UCD (Attaching Parts)	1	
-14	AN507C440-4	4	SCREW, Machine, Flat Hd ----*----	5	
-15	A7L-201069-01	4	SPACER, Lanyard Connecting, UCD	1	

8819700713C

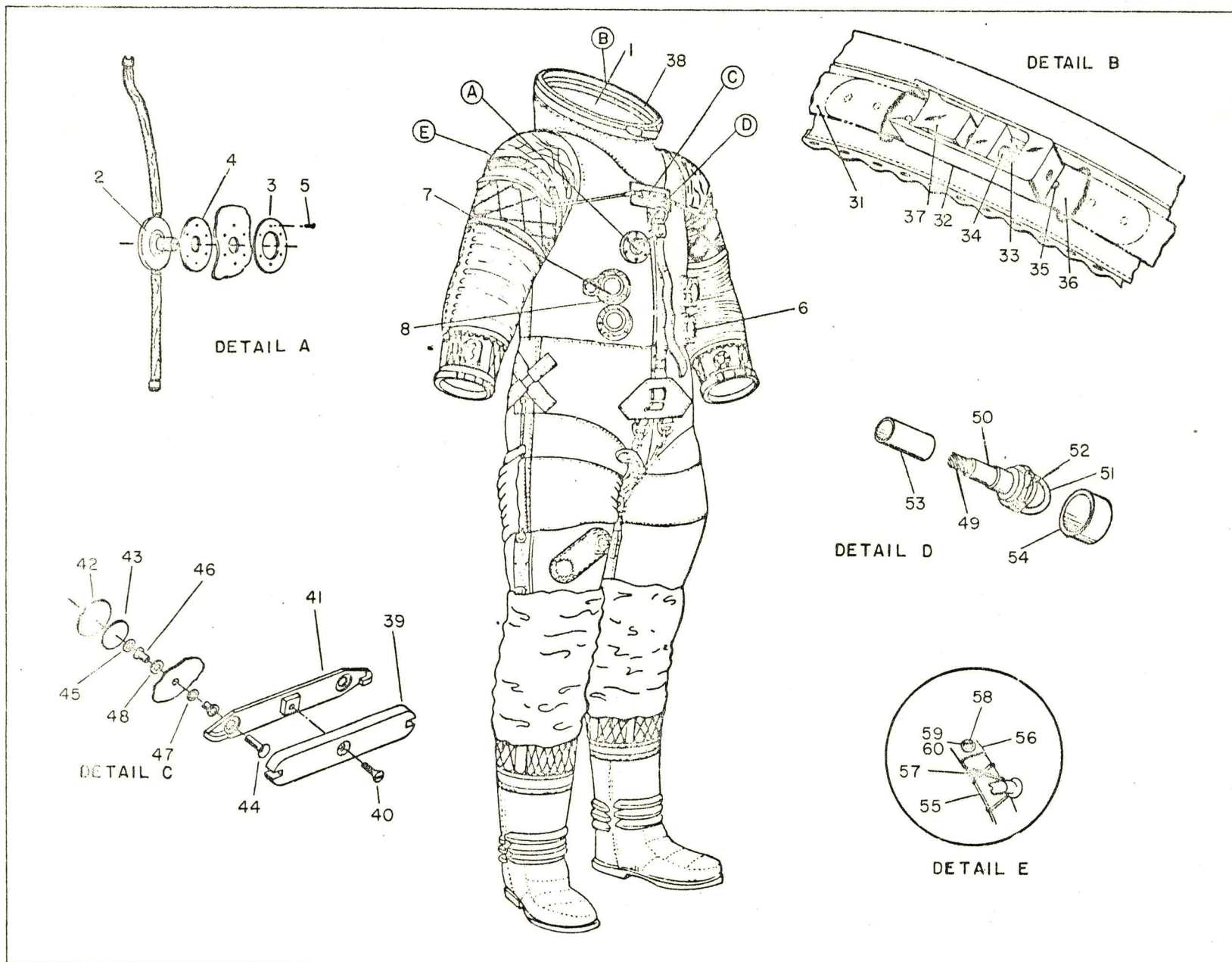
SECTION III
GROUP ASSEMBLY PARTS LIST

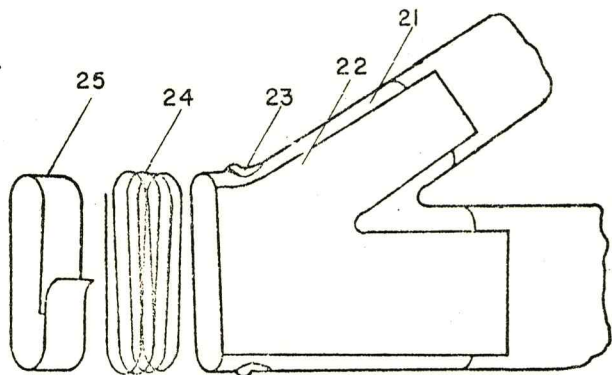
Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
24-16	AN507C440-8	4	SCREW, Machine, Flat Hd	1	
-17	ST26S377-01	4	NUT, Self-Locking, Micro Size	1	
-18	MS16995-9	4	SCREW, Socket Hd ----*----	1	
-19	A7L-103056-07	3	GLOVE ASSY, Comfort, LH	1	
	A7L-103056-08	3	GLOVE ASSY, Comfort, RH	1	
	A7L-103056-09	3	GLOVE ASSY, Comfort, LH	1	
	A7L-103056-10	3	GLOVE ASSY, Comfort, RH	1	
-20	A7L-101121-01	3	WRISTLET	2	
-21	A7L-101067-05	3	NECK DAM ASSY (See Fig 46 for Bkdn)	1	-05
	A7L-101067-07	3	NECK DAM ASSY (See Fig 46 for Bkdn)	1	-04
-22	A7LB-109049-02	3	PRESSURE RELIEF VALVE (Attaching Parts)	1	
-23	MS35233-18	3	SCREW, Machine	6	
-24	A7LB-109050-01	3	CAP ASSY, PRV (Attaching Part)	1	
	ST14H447-01	3	CORD, Braided PBI ----*----	AR	
-25	A7L-101033-01	3	STRAP ASSY, Suit Donning, Blue	1	
	A7L-101033-02	3	STRAP ASSY, Suit Donning, Red ----*----	1	
-26	A7LB-101207-01	3	TORSO ASSY, Cover Layer, CMP (Attaching Part)	1	
-27	ST14N014-03	3	CORD, Nylon 1/16 Dia ----*----	AR	
-28	A7LB-101248-01	3	COVER ASSY, Pressure Gage, CLA (Attaching Part)	1	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
24-29	A7LB-100009-03	3	TLISA, CMP (See Fig 25 for Bkdn)	1	-05
	A7LB-100009-05	3	TLISA, CMP (See Fig 25 for Bkdn)	1	-04

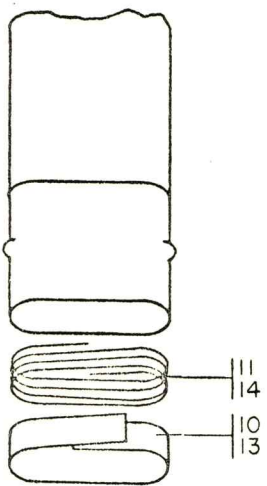
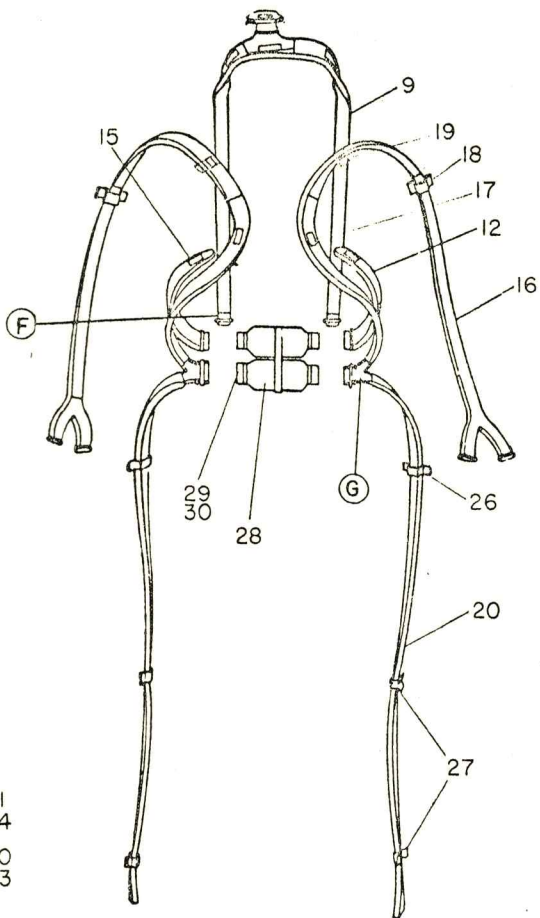
8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST





Detail G



Detail F

Figure 25 (Sheet 2 of 5) Torso Limb Suit Assembly, CMP

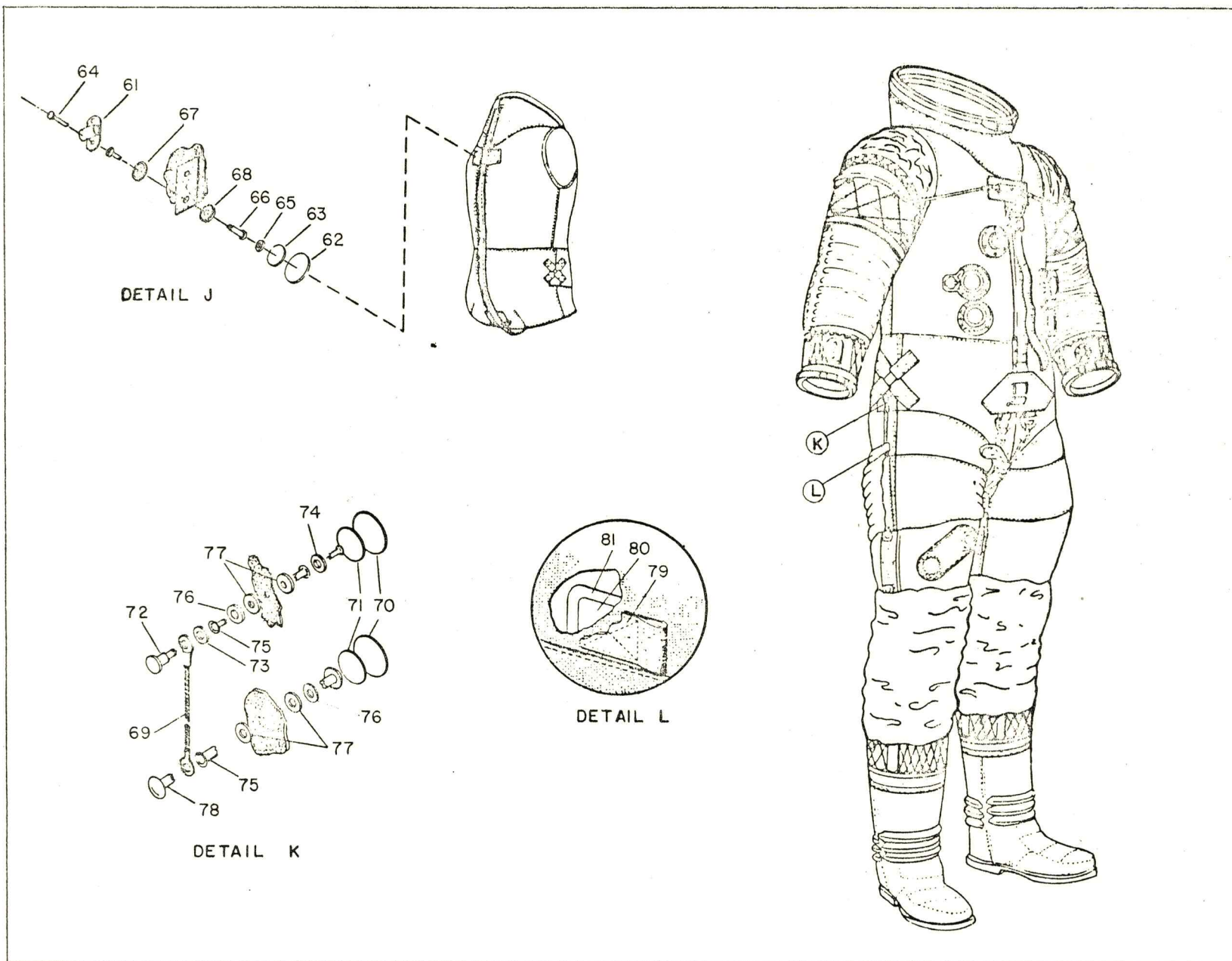


Figure 25 (Sheet 3 of 5) Torso Limb Suit Assembly, CMP



Figure 25 (Sheet 4 of 5) Torso Limb Suit Assembly, CMP

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
25-	A7LB-100009-03	3	TLISA, CMP (See Fig 24 for NHA)	REF	-03
	A7LB-100009-05	3	TLISA, CMP (See Fig 24 for NHA)	REF	-05
-1	A7LB-107033-01	4	LINER ASSY, CMP (See Fig 26 for Bkdn)	1	
-2	A7LB-109040-02	4	HARNESSE, Electrical, Suit (See Fig 53 for Bkdn)	1	
-3	A6L-101017-02	4	FLANGE, Outer, Electrical Connector	1	
-4	A6L-101016-04	4	FLANGE, Inner, Electrical Connector (Attaching Parts)	1	
-5	MS35249-20	4	SCREW, Machine ----*----	6	
-6	A6L-101022-08	4	GAS CONNECTOR, Lower Right (See Fig 31 for Bkdn)	1	
	A6L-101022-09	4	GAS CONNECTOR, Lower Left (See Fig 31 for Bkdn)	1	
-7	A6L-101023-11	4	GAS CONNECTOR, Upper Left (See Fig 30 for Bkdn)	1	
	A6L-101023-12	4	GAS CONNECTOR, Upper Right (See Fig 30 for Bkdn) (Attaching Parts/Substance)	1	
-8	AN505C4-7	4	SCREW, Flat Head, Slotted	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-9	A6L-1C8018-09	4	DUCT ASSY, Helmet Vent	1	-03
	A6L-1C8018-10	4	DUCT ASSY, Helmet Vent	1	-05
-10	ST13N378-03	4	TAPE, Nylon/Neoprene, Press Sealing	AR	
-11	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, NEOPRENE, Two-Part ----*----	AR	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
25-12	A6L-108024-03	4	DUCT ASSY, Torso Vent	2	-03
	A6L-108024-04	4	DUCT ASSY, Torso Vent (Attaching Parts/Substance)	2	-05
-13	ST13N378-03	4	TAPE, Nylon/Neoprene Press Sealing, 1" Wd	AR	
-14	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-15	ST19V090-08	4	TAPE, Fastener, Pile 3 + 1/16 Lg.	2	
-16	A7LB-1C8036-01	4	DUCT ASSY, Arm Vent, Left	1	
	A7LB-1C8036-02	4	DUCT ASSY, Arm Vent, Right	1	
-17	ST19V090-08	4	TAPE, Fastener, Pile 3 + 1/16 Lg.	2	
-18	ST14N014-02	4	CORD, Nylon, 1/16 Dia.	AR	
-19	A6L-101004-01	4	FASTENER ASSY, Vent Duct Strip, Arm Vent	2	
-20	A6L-108032-05	4	CHANNEL ASSY, Leg Vent, Left	1	
	A6L-108032-06	4	CHANNEL ASSY, Leg Vent, Right (Attaching Parts)	1	
-21	A6L-108028-01	4	SLEEVE, Arm & Leg Vent Disconnect	2	-03
	A6L-108028-02	4	SLEEVE, Arm & Leg Vent Disconnect	2	-05
-22	A7L-1S8003-01	4	REINF, Arm & Leg Disconnect	2	
	A7L-1S8003-02	4	REINF, Arm & Leg Disconnect	2	
-23	A7L-1S8034-01	4	PATCH, Reinforcement	4	
-24	ST14N016-01	4	CORE, Yarn	AR	
-25	ST13N378-02	4	TAPE, Nylon/Neoprene Press Sealing, 3/4" Wide	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-26	ST19V090-08	4	TAPE, Fastener, Pile 3-34 + 1/4 Lg.	2	

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
25-27	ST14N014-02	4	CORD, Nylon, 1/16 Dia.	AR	
-28	A7L-108005-01	4	PLENUM CHAMBER ASSY	1	-03
	A7L-108005-04	4	PLENUM CHAMBER ASSY	1	-05
-29	ST13N378-01	4	TAPE, Nylon/Neoprene Press Sealing, 1/2" Wide	AR	
-30	ST14N016-01		CORE, Yarn		
	ST31N003-01		ADHESIVE, Neoprene, Two-Part ----*----	AR	
-31	A7L-101005-01	4	COMPRESSION BAND (Attaching Parts)	1	
-32	A7L-101084-02	4	COVER, Redundant Lock	1	
-33	MS51029-20	4	SCREW, Set	1	
-34	A6L-101088-01	4	SCREW, Locking, Socket Hd	1	
-35	A6L-101049-01	4	RIVET, Solid, Modified	6	
-36	A7L-101009-02	4	BRACKET, Holding, Redundant Lock	1	
-37	A7L-101083-02	4	BRACKET, Redundant Lock ----*----	1	
-38	A6L-101036-13	4	RING ASSY, Neck, Attaching PGA (See Fig 32 for Bkdn)	1	
-39	A7L-101117-01	4	COVER, Shoulder Cable Connector (Attaching Parts)	1	
-40	AN505C6-4	4	SCREW, Flat Head ----*----	1	
-41	A7L-101116-01	4	BASE PLATE, Shoulder Cable Connector (Attaching Parts/Substance)	1	
-42	A7LB-1S1394-01	4	COVER PATCH, Rivet	2	
-43	A7LB-1S1277-01	4	PATCH, Rivet	2	
-44	ST24S097-06	4	RIVET, Oval Head, Semi- Tubular	2	

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
25-45	AN960C10L	4	WASHER	2	
-46	ST24B085-01	4	EYELET, Flanged	2	
-47	AN230WB20	4	WASHER, Eyelet	2	
-48	A6L-101044-01	4	WASHER, Grommet	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-49	A6L-1C1056-03	4	CABLE ASSY, Shoulder (Attaching Parts)	1	
-50	A7LB-101216-01	4	SWAGE FITTING, Shoulder	2	
-51	A6L-101024-01	4	SWIVEL, Cable End, Shoulder Restraint	2	
-52	MS171433	4	PIN, Spring	2	
-53	ST16S046-05	4	TUBING, Shrinkable	AR	
-54	ST16S046-06	4	TUBING, Shrinkable ----*----	AR	
-55	A7L-104074-01	4	RING and CABLE GUIDE ASSY, Shoulder	2	
-56	A7L-104036-01	4	COVER, Ring and Cable Guide (Lexan) (Attaching Parts/Substance)	2	
-57	ST14N014-02	4	CORD, Lacing, 1/16" Dia	AR	
-58	MS35233-3	4	SCREW, Machine, Pan Hd, Slotted	8	
-59	AN960C-2L	4	WASHER, Flat	8	
-60	A7L-104104-01	4	WASHER, Lexan	8	
	ST32R329-01	4	ADHESIVE, Epoxy, Semi- Flexible ----*----	AR	
-61	A6L-101015-01	4	GUIDE ASSY, Rear Cable (Attaching Parts/Substance)	2	
-62	A7L-1S1011-01	4	PATCH, Back, Shoulder Cable Rivet Cover	2	-03
	A7L-1S1011-02	4	PATCH, Back, Shoulder Cable Rivet Cover	2	-05

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
25-63	A7L-1S1010-01	4	PATCH, Back, Shoulder Cable Rivet	2	
-64	ST24S097-06	4	RIVET, Oval Head, Semi- Tubular	4	
-65	AN960C10L	4	WASHER	4	
-66	ST24B085-01	4	EYELET, Flanged	4	
-67	AN230WB20	4	WASHER, Eyelet	4	
-68	A6L-101044-01	4	WASHER, Grommet	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-69	A7L-1Z1013-03	4	THIGH CABLE ASSY, Outer	2	
-70	A7LB-1S1394-01	4	COVER PATCH, Rivet	4	
-71	A7LB-1S1277-01	4	PATCH, Rivet	4	
-72	A6L-101051-01	4	RIVET, Shouldered	2	
-73	A6L-101052-01	4	WASHER, Cable Pivot	2	
-74	AN960C10L	4	WASHER, Flat	2	
-75	ST24B085-01	4	EYELET, Flanged	4	
-76	AN230WB20	4	WASHER, Eyelet	4	
-77	A6L-101044-01	4	WASHER, Grommet	8	
-78	ST24S097-06	4	RIVET, Oval Hd, Semi-Tubular	2	
-79	A7LB-100012-01	4	GUIDE ASSY, Thigh, Cable (Attaching Parts/Substance)	2	
-80	A6L-1S1044-01	4	PATCH, Reinf. Side, Thigh Cable Guide	2	
-81	A6L-1S1045-02	4	PATCH, Reinf. Cover, Side, Thigh Cable Guide	2	
	ST15N018-03	4	THREAD, Nylon, Size E	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-82	A7L-1C1012-02	4	CABLE, Crotch & Inner Thigh (Attaching Parts)	2	
-83	A6L-101074-02	4	SLEEVE, 3/32" Cable, Modified ----*----	6	

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION III

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
25-84	A7LB-100013-01	4	GUIDE ASSY, Crotch Cable (Attaching Part)	2	
	ST15N018-03	4	THREAD, Nylon, Size E ----*----	AR	
-85	A6L-105035-01	5	SLEEVE, Crotch Cord, Double End	2	
-86	A7LB-104086-09	4	ARM ASSY, Upper, Left (See Fig 6 for Bkdn)	1	-03
	A7LB-104086-10	4	ARM ASSY, Upper, Right (See Fig 6 for Bkdn)	1	-03
	A7LB-104086-11	4	ARM ASSY, Upper, Left (See Fig 6 for Bkdn)	1	-05
	A7LB-104086-12	4	ARM ASSY, Upper, Right (See Fig 6 for Bkdn) (Attaching Substance)	1	-05
-87	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST13N378-02	4	TAPE, Nylon/Neoprene Press Sealing, 3/4" wide	AR	
	ST15N018-02	4	THREAD, Nylon, Size E ----*----	AR	
-88	ST14N064-01	4	ROPE, Nylon, 52" + 1/4"	2	
-89	A6L-101074-02	4	SLEEVE, 3/32" Cable, Modified	2	
	ST16S046-05	4	TUBING, Shrinkable ----*----	2	
-90	A7LB-104153-01	4	COVER ASSY, Shoulder, Convolute, Left	1	
	A7LB-104153-02	4	COVER ASSY, Shoulder Convolute, Right (Attaching Part)	1	
	ST15N018-02	4	THREAD, Nylon, Size E	AR	
-91	A7LB-104148-01	4	BEARING ASSY, Arm, CMP (Attaching Parts/Substance)	2	
-92	A7L-104083-01	4	COVER STRIP ASSY, Upper Arm Cone	2	
-93	ST14N016-01	4	CORE, Yarn	AR	
	ST32R005-01	4	ADHESIVE, Resin, Two-Part	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
25-94	A7L-104054-02	4	SCREW, Modified, Rotation Stop	2	
-95	A7L-104049-01	4	TAB, Locking, Arm Bearing	2	
-96	A7L-104045-01	4	RING, Retaining, Convolute	2	
			---*---		
-97	A7L-104060-01	5	BALL PORT	1	
-98	MS19060-2	5	BALL BEARING	88	
-99	A7L-104076-01	5	SPACER	88	
-100	A7L-104072-01	5	RACE & SEAL ASSY, Outer	1	
-101	A7LB-104149-01	5	RACE, Inner	1	
-102	A7L-104046-01	5	SEAL, Wiper	1	
	ST31S384-01	5	PRIMER, Fluorosilicone	AR	
	ST31S383-01	5	ADHESIVE, Fluorosilicone	AR	
			---*---		
-103	A7LB-104085-07	4	ARM ASSY, Lower, Left (See Fig 7 for Bkdn)	1	-03
	A7LB-104085-08	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn)	1	-03
	A7LB-104085-11	4	ARM ASSY, Lower, Left (See Fig 7 for Bkdn)	1	-05
	A7LB-104085-12	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn)	1	-05
-104	ST14N014-02	5	CORD, Nylon 1/16" Dia (Attaching Parts/Substance)	AR	
-105	A7L-109000-02	4	SCREW, Modified	4	
-106	A7L-104047-01	4	BRACKET, Cable Retention	4	-03
	A7LB-104093-02	4	BRACKET, Cable Retention	4	-05
-107	ST13N227-01	4	TAPE, Loop 6-3/4" + 1/8" long	4	
	ST15N017-02	4	THREAD, Nylon, Size B	AR	
	ST12N151-01	4	CLOTH, Ripstop Nylon, Neoprene Coated	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
			---*---		
-108	A6L-104025-04	4	GAGE, Pressure, Dial Indicating (Attaching Parts)	1	

Fig. 8 Index	Part Number	Level	Description	Qty Assy	Useable on Code
25-109	A6L-104033-01	4	NUT, Gage	1	
-110	MS90201-017	4	"O" RING	1	
-111	MS35249-20	4	SCREW, Machine, Flat Head	6	
-112	A6L-104034-01	4	RING, Back	1	
-113	A6L-104035-01	4	MOUNT, Gage ----*----	1	
-114	A7L-104005-01	4	PLUG, Pressure Relief Valve (Attaching Part)	1	
-115	MS35233-15	4	SCREW, Machine ----*----	6	
-116	A7L-104005-02	4	MTG RING, Pressure Relief Valve	1	
-117	A7L-104005-03	4	CLAMPING RING, Pressure Relief Valve	1	
-118	A7L-104005-04	4	"O" RING (Attaching Parts/Substance)	1	
-119	MS35233-13	4	SCREW, Machine	6	
	ST31S009-01	4	ADHESIVE, Non-Slip ----*----	AR	
-120	A7LB-109029-01	4	WRIST DISCONNECT, Suit Side, Left (See Fig 17 for Bkdn)	1	
	A7LB-109029-02	4	WRIST DISCONNECT, Suit Side, Right (See Fig 17 for Bkdn) (Attaching Parts/Substance)	1	
-121	A6L-104018-05	4	COVER ASSY, Wrist	2	
-122	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST32R005-01	4	ADHESIVE, Resin, Two-Part ----*----	AR	
-123	A7LB-105017-05	4	LEG ASSY, CMP, Left (See Fig 28 for Bkdn)	1	-03
	A7LB-105017-06	4	LEG ASSY, CMP, Right (See Fig 28 for Bkdn)	1	-03

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
25-123 (Cont)	A7LB-105017-07	4	LEG ASSY, CMP, Left (See Fig 28 for Bkdn)	1	-05
	A7LB-105017-08	4	LEG ASSY, CMP, Right (See Fig 28 for Bkdn) (Attaching Parts/Substance)	1	-05
-124	A7LB-1S1392-01	4	PATCH, Reinf. Thigh	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST15N018-02	4	THREAD, Nylon, Size E ----*----	AR	
-125	A7L-106021-19	4	BOOT ASSY, PGA, Left (See Fig 29 for Bkdn)	1	-03
	A7L-106021-20	4	BOOT ASSY, PGA, Right (See Fig 29 for Bkdn)	1	-03
	A7L-106021-21	4	BOOT ASSY, PGA, Left (See Fig 29 for Bkdn)	1	-05
	A7L-106021-22	4	BOOT ASSY, PGA, Right (See Fig 29 for Bkdn) (Attaching Parts/Substance)	1	-05
-126	ST13N378-02	4	TAPE, Nylon/Neoprene, Press Sealing, 3/4" wide	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST31N396-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-127	A7L-1S6077-01	5	PATCH, Fastener, Heel	1	
	A7L-1S6077-02	5	PATCH, Fastener, Heel	1	
	A7L-1S6077-03	5	PATCH, Fastener, Heel	1	
-128	A7L-1S6078-01	5	PATCH, Fastener, Sole	2	
	A7L-1S6078-02	5	PATCH, Fastener, Sole (Attaching Substance)	2	
	ST32R329-01	5	ADHESIVE, Epoxy, Semi- Flexible ----*----	AR	
-129	A7L-1S1116-01	4	PATCH, Scuff, Torso, Lower Back, Left	1	

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
25-129 (Cont)	A7L-1S1116-02	4	PATCH, Scuff, Torso, Lower Back, Right	1	
-130	A7LB-1S1393-01	4	PATCH, Reinf. Torso Dart (Attaching Substance)	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-131	A7L-101099-01	4	STRAP ASSY, Front Torso, Adjustable	1	
-132	A7L-101061-01	4	BUCKLE & PLSS ATTACHMENT, Upper	1	
-133	MS35233-16	5	SCREW, Machine, Pan Hd, Cres	4	
-134	A7L-101059-01	5	BUSHING, PLSS Attach, Upper	2	
-135	A7L-101058-01	5	BUSHING, Modified PLSS Attach, Upper	2	
-136	A7L-101057-01	5	BRACKET ASSY, PLSS Attach, Upper	1	
-137	MS35233-13	5	SCREW, Machine, Pan Hd, Cres	2	
-138	A6L-101055-01	5	PLATE, Side, Buckle, Upper	2	
-139	A6L-101066-01	5	CLEAT, Upper Torso Buckle	1	
-140	A6L-101028-01	5	SHAFT, Latch	1	
-141	A6L-101056-01	5	SPRING, Torsion	1	
-142	A6L-101037-01	5	ROLLER, Sleeve, Large	1	
-143	A6L-101039-01	5	ROLLER, Sleeve, Small	1	
-144	A6L-101064-01	5	SPACER, Upper Torso Buckle	2	
-145	A6L-101054-01	5	SPACER	1	
-146	A6L-101060-01	5	SHAFT, PLSS Attach, Upper	1	
-147	A6L-101059-02	4	BUCKLE ASSY, Lower Torso	1	
-148	MS35233-13	5	SCREW, Machine, Pan Hd	4	
-149	A6L-101115-01	5	PLATE, Side, Lower Torso Buckle	2	
-150	A6L-101064-01	5	SPACER, Upper Torso Buckle	2	
-151	A6L-101037-01	5	ROLLER, Sleeve, Large	1	
-152	A6L-101039-01	5	ROLLER, Sleeve, Small	1	
-153	A6L-101040-01	5	SHAFT, Roller, Lower Buckle ----*----	2	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

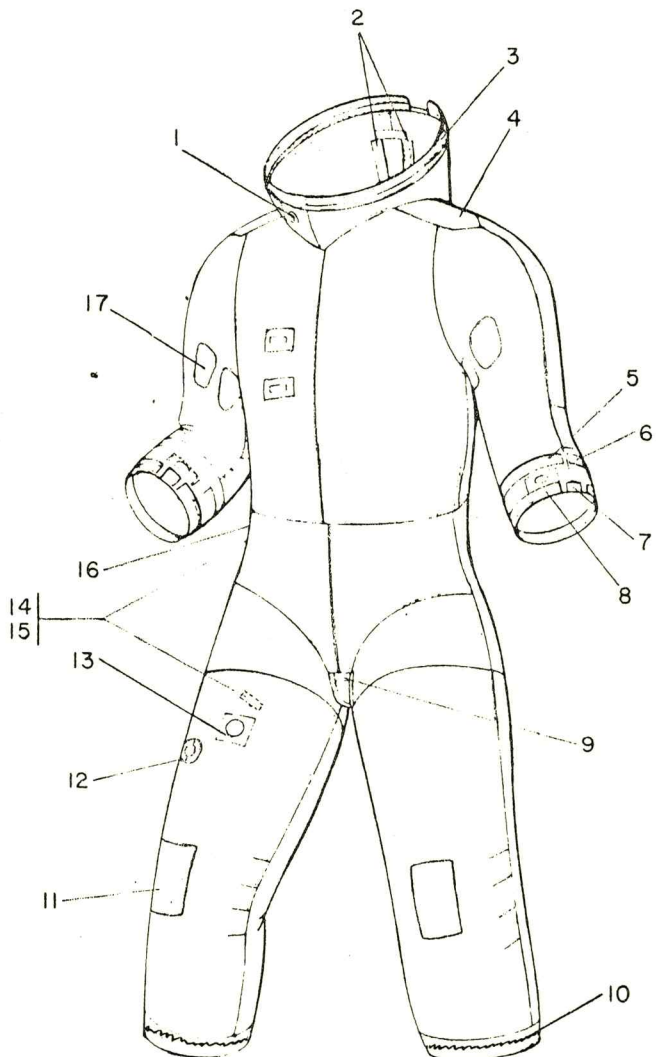


Figure 26 Liner Assembly, CMP

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
26-	A7LB-107033-01	4	LINER ASSY, CMP (See Fig 25 for NHA)	REF	-01
	A7LB-107033-02	4	LINER ASSY, CMP (See Fig 41 for NHA)	REF	-02
-1	A7LB-1S7063-01	5	FLAP, Snap, Communication Lead (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-2	A7L-107024-02	5	FASTENER STRIP ASSY, Torso (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-3	A7L-107024-07	5	FASTENER STRIP ASSY, Neck (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B	AR	
-4	A7LB-107031-01	5	PAD ASSY, Shoulder (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-5	A7LB-107029-01	5	FASTENER STRIP ASSY, Arm (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-6	A7LB-107029-03	5	FASTENER STRIP ASSY, Arm (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-7	A7LB-107029-04	5	FASTENER STRIP ASSY, Arm Lower	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-8	A7LB-107029-05	5	FASTENER STRIP ASSY, Arm, Lower	2	

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
26-8 (Cont)	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-9	ST19V090-07	5	FASTENER STRIP ASSY, Torso 2-3/4 + 1/16 Long (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-10	ST19N356-01	5	ZIPPER, (Slider Half) (Attaching Part)	2	
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	
-11	A7LB-107032-02	5	PAD, Comfort, Knee (Attaching Part)	2	-02
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	-02
-12	ST19V088-08	5	TAPE, FASTENER, Hook, 3 + 1/4, -0 long (Attaching Part)	2	-02
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	-02
-13	A7LB-1S7072-01	5	REINFORCEMENT, Waste Valve Pass Thru (Attaching Part)	1	
	ST15N017-03	5	THREAD, Nylon, Size B	AR	
-14	A7LB-107034-01	5	STRAP, UCTA HOSE RETAINING (Attaching Part)	2	-02
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	-02
-15	A7LB-1S7097-01	5	REINFORCEMENT, Strap, UCTA Hose Retaining (Attaching Part)	2	-02
	ST15N017-03	5	THREAD, Nylon, Size B ----*----	AR	-02

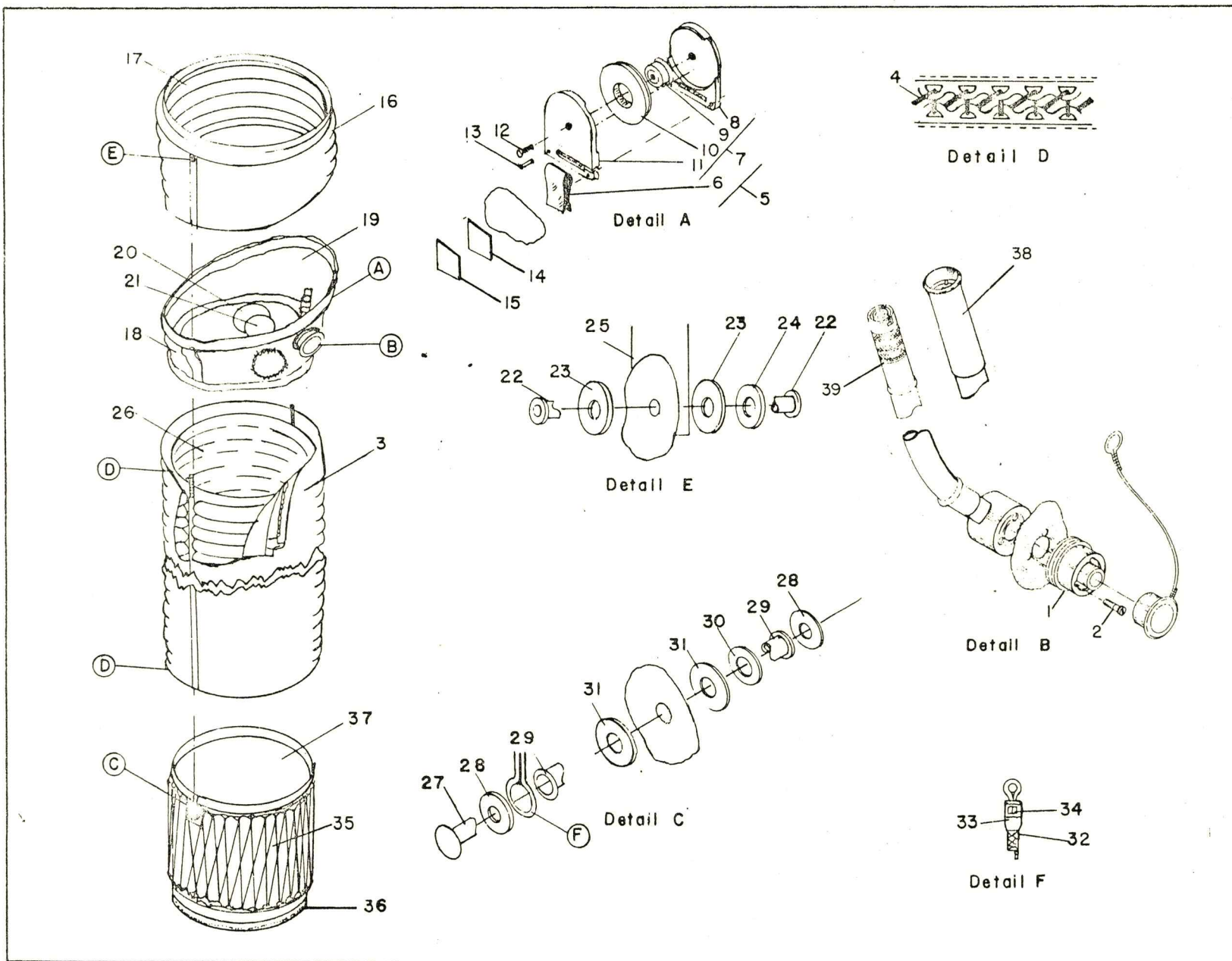
8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
26-16	A7LB-1S7072-01	5	REINFROCEMENT, Waste Valve Pass Thru (Attaching Part)	1	-02
-17	A7LB-107030-01	5	PAD ASSY, Upper Arm Cone (Attaching Part)	4	
	ST15N017-03		THREAD, Nylon, Size B	AR	

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
27-7 (Cont) -8	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
	A7L-1S1034-01	5	PATCH, Tape, Cover, Front, D Ring Adj. (Attaching Part)	1	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-9	A7L-101098-01	5	LOOP ASSY, Long	1	
	A7L-101098-02	5	LOOP ASSY, Short (Attaching Part)	1	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-10	A6L-101011-01	5	ADJUSTMENT ASSY, D Ring and Torso	1	
-11	A6L-101011-03	6	WEBBING, Nylon, 1-1/8" wide (ST13N065-01) 8-1/4" long	1	
-12	A6L-101011-02	6	WEBBING, Nylon, 1-1/8" wide (ST13N065-01) 15-1/4" long (Attaching Parts)	1	
-13	A7L-101017-01	6	D RING, Double Bar	2	
	ST15N018-03	6	THREAD, Nylon, Size E ----*----	AR	
-14	A7L-1S1097-01	5	PATCH, Reinf. Cover Tether (Attaching Substance)	2	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-15	A7L-101097-01	5	PATCH ASSY, Tether Attach (Attaching Parts)	8	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-16	A7L-101095-01	5	PATCH ASSY, Thigh Cable (Attaching Part)	2	
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	

Figure 28 Leg Assembly, CMP



8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
28-	A7LB-105017-05	4	LEG ASSY, CMP, Left (See Fig 25 for NHA)	REF	-05
	A7LB-105017-06	4	LEG ASSY, CMP, Right (See Fig 25 for NHA)	REF	-06
	A7LB-105017-07	4	LEG ASSY, CMP, Left (See Fig 25 for NHA)	REF	-07
	A7LB-105017-08	4	LEG ASSY, CMP, Right (See Fig 25 for NHA)	REF	-08
-1	A7L-105003-05	5	MALE DISCONNECT, Urine Trans- fer (Right Leg Only) (Attaching Part/Substance)	1	-06,-08
-2	S/6-32 x 3/8	5	SEALSKREW	3	-06,-08
	ST31S009-01	5	ADHESIVE, Sealant, Non-Slip ----*----	AR	-06,-08
-3	A6L-105032-01	5	COVER ASSY, Knee Convolute (Attaching Part)	1	
-4	ST14N014-02	5	CORD, Nylon, 1/16 Dia ----*----	AR	
-5	A6L-105031-03	5	PULLEY ASSY, Crotch Cable (Attaching Part)	1	
	ST15N018-03		THREAD, Nylon, Size E ----*----	AR	
-6	A6L-105031-02	6	WEBBING, 1-1/8" + 1/32" wide 7-1/4 + 1/32" long	1	
-7	A7L-105021-01	6	PULLEY & HOUSING ASSY, Crotch (Attaching Part)	1	
	ST15N018-03		THREAD, Nylon, Size E ----*----	AR	
-8	A7L-105020-01	7	HOUSING, Pulley, Crotch, LH	1	
-9	ST29B249-01	7	BEARING	1	
-10	A6L-105039-01	7	PULLEY	1	
-11	A7L-105020-02	7	HOUSING, Pulley, Crotch, RH (Attaching Parts)	1	
-12	AN505C4-5	7	SCREW, Machine	1	

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
28-13	A7L-105020-03	7	PIN ----*----	2	
-14	A7LB-1S5011-01	5	PATCH, Sealing, Reinf., Thigh Pulley	1	-05,-07
	A7LB-1S5011-02	5	PATCH, Sealing, Reinf. Thigh Pulley (Attaching Substance)	1	-06,-08
-15	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part	AR	
	A7LB-1S5018-01	5	PATCH, Reinf., Thigh Pulley, INBD & OUTBD	1	-05,-07
	A7LB-1S5018-02	5	PATCH, Reinf., Thigh Pulley, INBD & OUTBD (Attaching Substance)	1	-06,-08
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-16	A7LB-105026-01	5	COVER ASSY, Thigh Convolute, Left	1	-05,-07
	A7LB-105026-02	5	COVER ASSY, Thigh Convolute, Right (Attaching Part)	1	-06,-08
	ST15N018-03	5	THREAD, Nylon, Size E ----*----	AR	
-17	A7LB-105024-01	5	CONVOLUTE ASSY, Thigh	1	-05,-06
	A7LB-105024-02	5	CONVOLUTE ASSY, Thigh (Attaching Substance)	1	-07,-08
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-18	A7L-105001-01		RESTRAINT ASSY, Thigh Cone, Left	1	-05,-07
	A7L-105001-02		RESTRAINT ASSY, Thigh Cone, Right (Attaching Part)	1	-06,-08
	ST15N018-02	5	THREAD, Nylon, Size E ----*----	AR	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
28-19	A7LB-105022-01	5	BLADDER ASSY, Thigh Cone Left	1	-05,-07
	A7LB-105022-02	5	BLADDER ASSY, Thigh Cone Right (Attaching Substance)	1	-06,-08
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-20	A6L-1S5024-01	6	COVER PATCH, Medical Injec- tion	1	-06,-08
-21	A6L-105019-01	6	DISC, Medical Injection	1	-06,-08
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part	AR	-06,-08
	ST31S049-01	6	ADHESIVE, Silicone ----*----	AR	-06,-08
-22	ST24B085-01	6	EYELET, Flanged	1	
-23	A6L-101044-01	6	WASHER, Grommet	2	
-24	AN230WB20	6	WASHER, Eyelet	1	
-25	A7LB-1S5018-01	6	PATCH, Reinf., Thigh Pulley	1	
	A7LB-1S5018-02	6	PATCH, Reinf., Thigh Pulley	1	
-26	A7LB-105006-04	5	CONVOLUTE ASSY, Knee	1	-05,-06
	A7LB-105006-05	5	CONVOLUTE ASSY, Knee (Attaching Parts/Substance)	1	-07,-08
-27	ST24S097-06	5	RIVET	4	
-28	AN960C10L	5	WASHER, Flat	8	
-29	ST24B085-01	5	EYELET, Flanged	4	
-30	AN230WB20	5	WASHER, Eyelet	8	
-31	A6L-101044-01	5	WASHER, Grommet	8	
	ST15N018-02	5	THREAD, Nylon, Size E ----*----	AR	
-32	ST16S046-07	6	TUBING, Shrinkable	4	
-33	ST16S046-05	6	TUBING, Shrinkable	4	
-34	ST27S061-07	6	SLEEVE, Swaging	4	
-35	A6L-105030-01	5	RESTRAINT ASSY, Lower Leg Cone, Left	1	-05,-07
	A6L-105030-02	5	RESTRAINT ASSY, Lower Leg Cone, Right (Attaching Part)	1	-06,-08

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
28-35 (Cont)	ST15N018-02	5	THREAD, Nylon, Size E ----*----	AR	
-36	A6L-105015-01	6	FLAP & SLIDE FASTENER ASSY (Attaching Part)	1	
	ST15N018-02	6	THREAD, Nylon, Size E	AR	
-37	A7LB-105008-01	5	BLADDER ASSY, Lower Leg Cone, Left	1	-05,-07
	A7LB-105008-02	5	BLADDER ASSY, Lower Leg Cone, Right (Attaching Substance)	1	-06,-08
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-38	A7LB-105016-01	5	COVER & TRANSFER HOSE ASSY, UCTA	1	-06
-39	A7L-1Z1009-02	5	TRANSFER HOSE ASSY, UCTA	1	-08

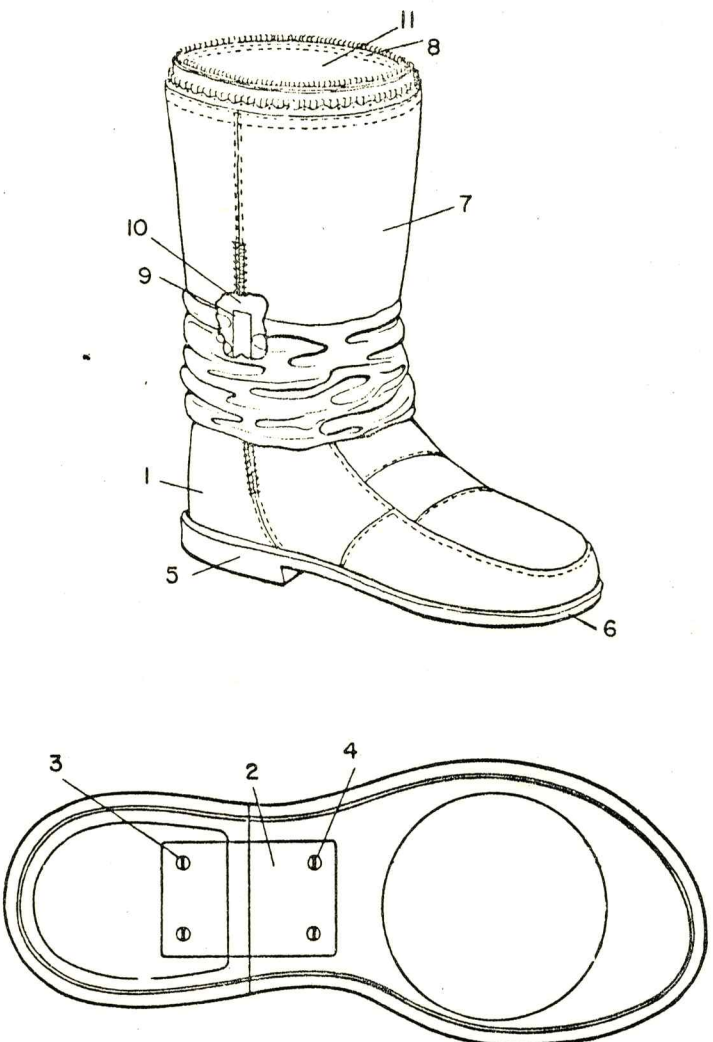


Figure 29 PGA Boot Assembly, CMP

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
29-	A7L-106021-19	4	BOOT ASSY, PGA, Left (See Fig 25 for NHA)	REF	-19
	A7L-106021-20	4	BOOT ASSY, PGA, Right (See Fig 25 for NHA)	REF	-20
	A7L-106021-21	4	BOOT ASSY, PGA, Left (See Fig 25 for NHA)	REF	-21
	A7L-106021-22	4	BOOT ASSY, PGA, Right (See Fig 25 for NHA)	REF	-22
-1	A7L-106022-13	5	RESTRAINT, HEEL & SOLE ASSY, Boot, Left	1	-19,-21
	A7L-106022-14	5	RESTRAINT, HEEL & SOLE ASSY, Boot, Right	1	-20,-22
-2	A7L-106014-02	6	ARCH/HEEL SHANK (Attaching Parts/Substance)	1	
-3	A7L-106010-01	6	SCREW, Heel Shank	2	
-4	A7L-106013-01	6	SCREW, Arch Shank	2	
	ST32R146-01	6	ADHESIVE, Epoxy ----*----	AR	
-5	A7L-106009-02	6	HEEL ASSY, Boot (Attaching Parts/Substance)	1	
	ST15F123-02	6	THREAD, Pure Flax Sinew (Bobbin Thread)	AR	
	ST32R146-01	6	ADHESIVE, Epoxy ----*----	AR	
-6	A7L-106011-03	6	SOLE ASSY, Boot, Left	1	-19,-21
	A7L-106011-04	6	SOLE ASSY, Boot, Right (Attaching Part)	1	-20,-22
	ST15F123-02	6	THREAD, Pure Flax Sinew (Bobbin Thread)	AR	
-7	A7L-106005-01	6	RESTRAINT ASSY, Boot, Left	1	-19,-21
	A7L-106005-02	6	RESTRAINT ASSY, Boot, Right	1	-20,-22

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
29-8	A7LB-106063-05	5	BLADDER, LINER & VENT ASSY, Boot, Left	1	-19
	A7LB-106063-06	5	BLADDER, LINER & VENT ASSY, Boot, Right	1	-20
	A7LB-106063-07	5	BLADDER, LINER & VENT ASSY, Boot, Left	1	-21
	A7LB-106063-08	5	BLADDER, LINER & VENT ASSY, Boot, Right	1	-22
-9	A7LB-1S6112-01	6	PATCH, Side, Boot Convolute, Left	1	
	A7LB-1S6112-02	6	PATCH, Side, Boot Convolute, Right	1	
-10	A7LB-1Z6117-01	6	BLADDER ASSY, Boot, Left	1	-19
	A7LB-1Z6117-02	6	BLADDER ASSY, Boot, Right	1	-20
	A7LB-1Z6117-05	6	BLADDER ASSY, Boot, Left	1	-21
	A7LB-1Z6117-06	6	BLADDER ASSY, Boot, Right	1	-22
-11	A7L-106019-06	6	LINER & VENT ASSY, Boot, Right	1	-20,-22
	A7L-106019-07	6	LINER & VENT ASSY, Boot Left (Attaching Substance)	1	-19,-21
	ST31N003-01	6	ADHESIVE, Neoprene, Two- Part ----*----	AR	

88:9700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

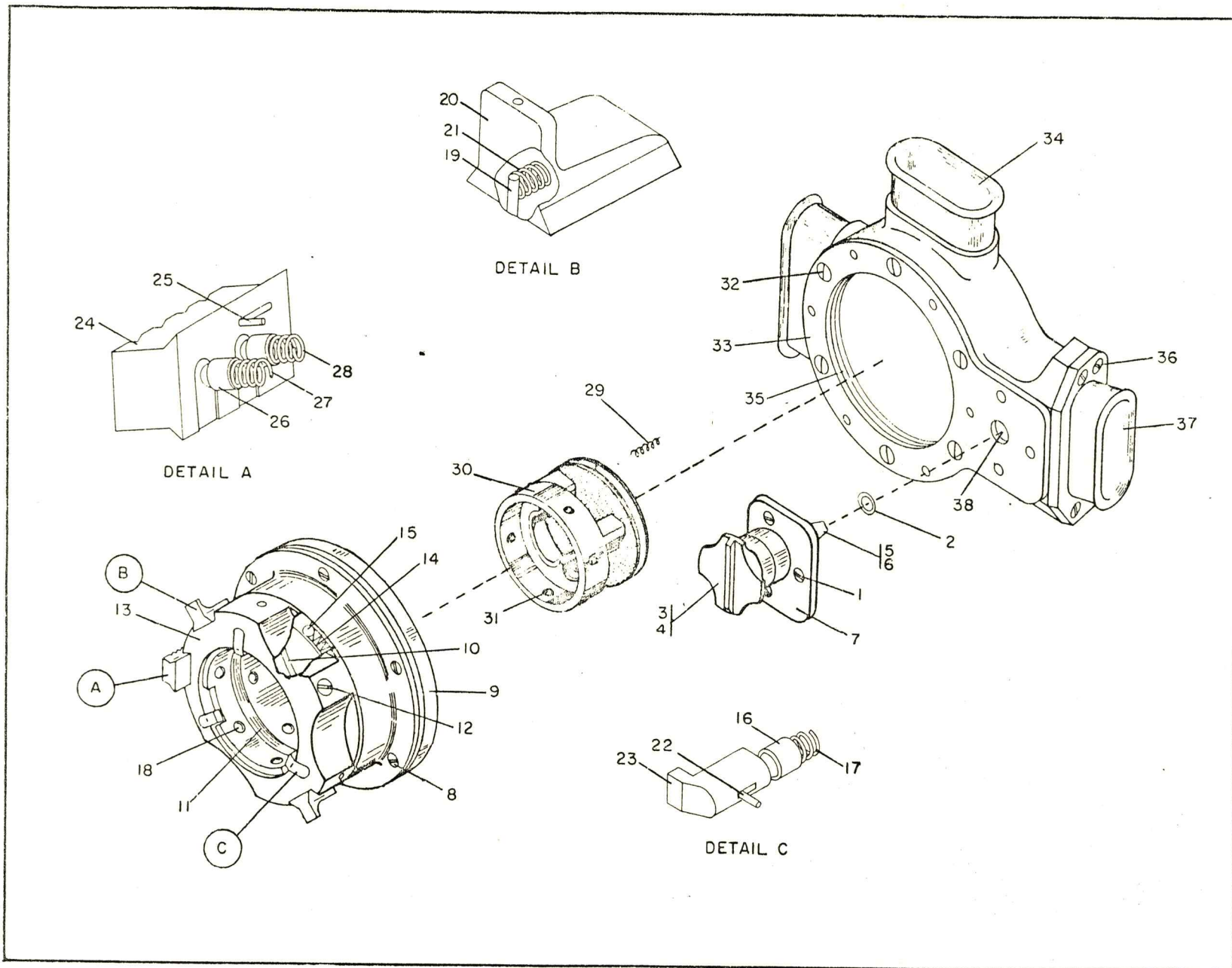


Figure 30 Upper Gas Connector

Fig 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
30-	A6L-101023-11	4	GAS CONNECTOR, Upper Left, Blue (See Fig 25 for NHA)	REF	-11
	A6L-101023-12	4	GAS CONNECTOR, Upper Right, Blue (See Fig 25 or 41 for NHA)	REF	-12
-1	MS35233-15	5	SCREW, Pan Head	3	
-2	AL6103-1	5	"O" Ring, 97375	1	
-3	79-012-062-0500	5	ROLL PIN, 97375	1	
-4	AL2433	5	KNOB, 97375	1	
-5	AL1928	5	SHAFT, 97375	1	
-6	AL7076	5	SPRING, Compression, 97375	1	
-7	AL1926	5	HUB, Sub-Assy, 97375	1	
-8	AN505C4-7	5	SCREW, Flat-Head, Slotted	6	
-9	AL2419B	5	HOUSING, Sub-Assy, Left 97375	1	-11
	AL2420B	5	HOUSING, Sub-Assy, Right 97375	1	-12
-10	AL6094-1	6	"O" Ring, 97375	1	
-11	A6L-503028-01	6	"O" Ring	1	
-12	AL2458	6	SCREW, Retainer, 97375	3	
-13	AL2423B	6	LOCKING RING, 97375	1	-11
	AL2424B	6	LOCKING RING, 97375	1	-12
-14	AL7061	6	SPRING, Compression, 97375	3	
-15	AL8000	6	BALL, 97375	3	
-16	AL1694	6	DETENT, 97375	3	
-17	AL7059	6	SPRING, Compression, 97375	3	
-18	AL8178	6	BALL, 97375	6	
-19	79-012-062-0250	6	ROLLPIN, 97375	2	
-20	AL2761	6	LOCK, 97375	2	
-21	AL7037	6	SPRING, Compression, 97375	2	
-22	79-012-062-0312	6	ROLLPIN, 97375	3	
-23	AL1883B	6	PLUNGER RELEASE, 97375	3	
-24	AL2426	6	LOCK, 97375	1	

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
30-25	79-012-062-0187	6	ROLLPIN, 97375	1	
-26	AL2425	6	DETENT, 97375	2	
-27	AL7037	6	SPRING, Compression, 97375	1	
-28	AL7059	6	SPRING, Compression, 97375	1	
			----*----		
-29	AL7062	5	SPRING, Compression, 97375	3	
-30	AL2389B-1	5	WATER BLOCK ASSY, 97375	1	
-31	AL8000	6	BALL, 97375	6	
			----*----		
-32	AN505C4-5	5	SCREW, Flat Head, Slotted	6	
-33	AL1925	5	MOUNTING PLATE, 97375	1	
-34	AL2134	5	LOWER HOUSING, Sub-Assy, 97375	1	-11
	AL2137	5	LOWER HOUSING, Sub-Assy, 97375	1	-12
-35	AL6056-1	6	"O" Ring, 97375	1	
-36	MS35233-13	6	SCREW, Pan Head	4	
-37	AL1929	6	VENT FITTING, 97375	1	
-38	AL1898	6	BLADE, 97375	1	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

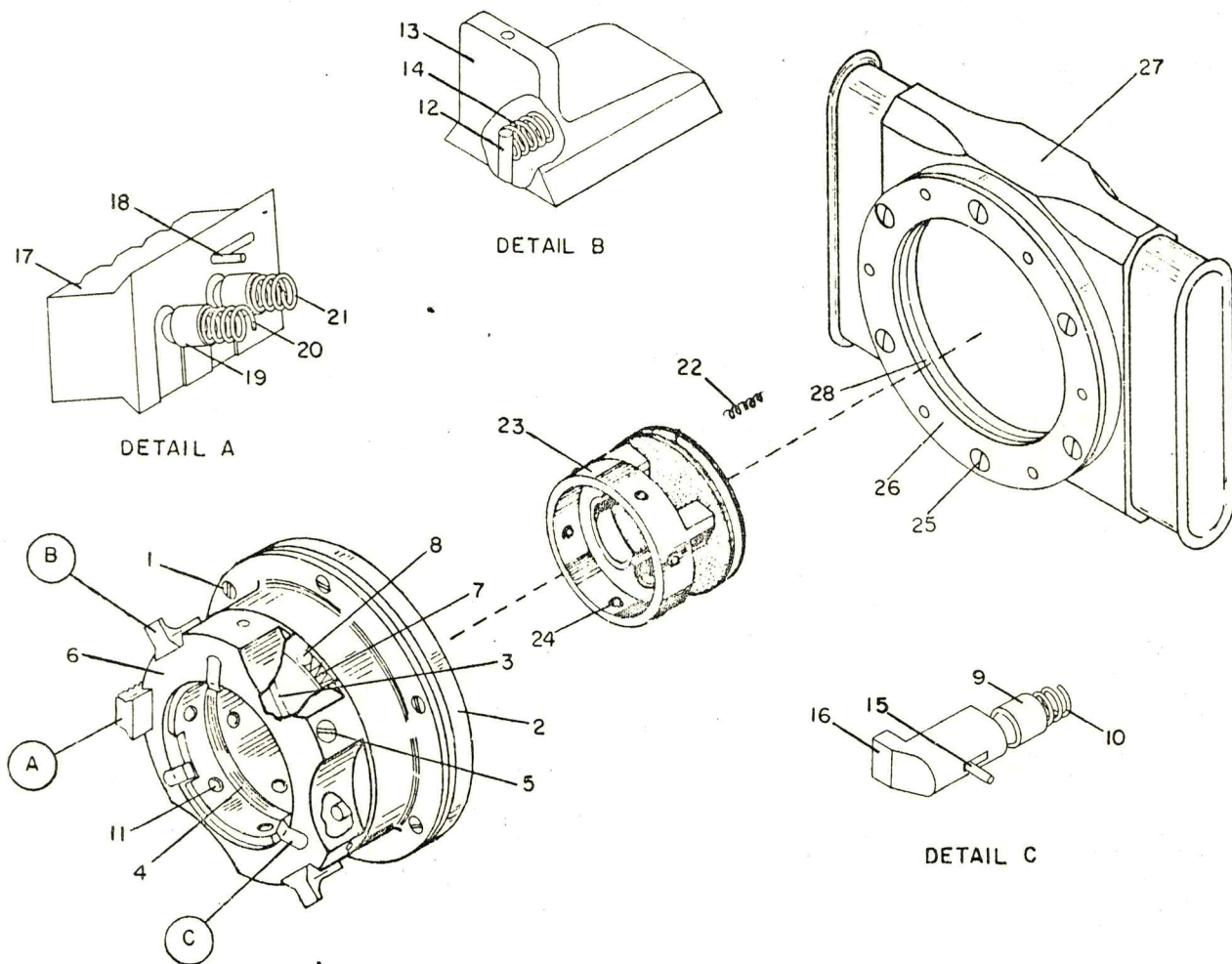


Figure 31 Lower Gas Connector

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
31-	A6L-101022-08	4	GAS CONNECTOR, Lower Right, Red (See Fig 25 or 41 for NHA)	REF	-08
	A6L-101022-09	4	GAS CONNECTOR, Lower Left, Red (See Fig 25 for NHA)	REF	-09
-1	AN505C4-7	5	SCREW, Flat Head, Slotted	6	
-2	AL2419R	5	HOUSING, Sub-Assy, Left, 97375	1	-09
	AL2420R	5	HOUSING, Sub-Assy, Right, 97375	1	-08
-3	AL6094-1	6	"O" Ring, 97375	1	
-4	A6L-503028-01	6	"O" Ring	1	
-5	AL2458	6	SCREW, Retainer, 97375	3	
-6	AL2423R	6	LOCKING RING, 97375	1	-09
	AL2424R	6	LOCKING RING, 97375	1	-08
-7	AL7061	6	SPRING, Compression, 97375	3	
-8	AL8000	6	BALL, 97375	3	
-9	AL1694	6	DETENT, 97375	3	
-10	AL7059	6	SPRING, Compression, 97375	3	
-11	AL8178	6	BALL, 97375	6	
-12	79-012-062-0250	6	ROLLPIN, 97375	2	
-13	AL2761	6	LOCK, 97375	2	
-14	AL7037	6	SPRING, Compression, 97375	2	
-15	79-012-062-0312	6	ROLLPIN, 97375	3	
-16	AL1883R	6	PLUNGER RELEASE, 97375	3	
-17	AL2426	6	LOCK, 97375	1	
-18	79-012-062-0187	6	ROLLPIN, 97375	1	
-19	AL2425	6	DETENT, 97375	2	
-20	AL7037	6	SPRING, Compression, 97375	1	
-21	AL7059	5	SPRING, Compression, 97375 ----*----	1	
-22	AL7062	5	SPRING, Compression, 97375	3	
-23	AL2389R-1	5	WATER BLOCK ASSY, 97375	1	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
31-24	AL8000	6	BALL, 97375 ----*----	6	
-25	AN505C4-5	5	SCREW, Flat Head, Slotted	6	
-26	AL1892	5	MOUNTING PLATE, 97375	1	
-27	AL2350	5	LOWER HOUSING, Sub-Assy, 97375	1	
-28	AL6056-1	6	"O" Ring, 97375	1	

8619700713C

SECTION 111
GROUP ASSEMBLY PARTS LIST

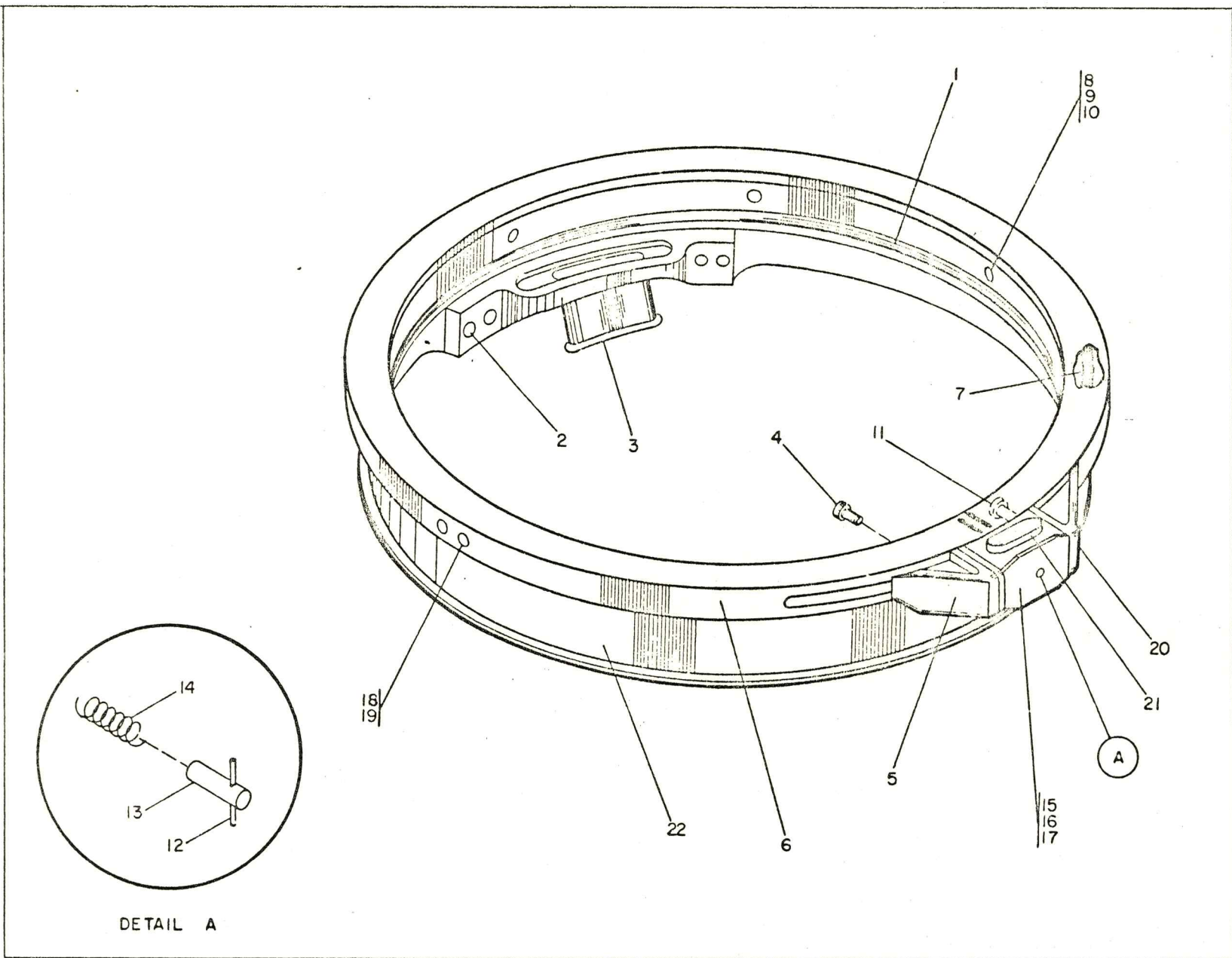


Figure 32 Neck Ring Assembly, PGA

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
32-	A6L-101036-13	4	NECK RING, Attaching (See Fig 25 or 41 for NHA)	REF	
-1	AL1939	5	SEAL, Lip, 97375	1	
-2	AL8313	5	SCREW, Cap, Socket Hd	4	
-3	A6L-101036-11	5	VENT PORT ASSY	1	
-4	AL8336	5	SCREW, Cap, Socket Hd	2	
-5	AL2294	5	LOCK STOP, 97375	1	
-6	AL2877	5	LOCKING RING, 97375	1	
-7	AL7069B	5	SPRING, Compression, 97375	3	
-8	AL2126	5	LATCH, 97375	8	
-9	AL2566	5	LATCH PIN, 97375	8	
-10	AL7059	5	SPRING, Compression, 97375	8	
-11	AN505C4-7	5	SCREW, Fillister Head	2	
-12	MS51923-181	5	PIN, Spirol	1	
-13	AL2297	5	PIN LOCK, 97375	1	
-14	AL7080	5	SPRING, Compression, 97375	1	
-15	AL2678	5	COVER, 97375	1	
-16	AL2677	5	PLUNGER, 97375	2	
-17	AL7075	5	PLUNGER, 97375	2	
-18	AL2011	5	RETAINER, Locking Ring, 97375	3	
-19	AN505C2-3	5	SCREW, Flat Head	6	
-20	AL2676	5	HOUSING, 97375	1	
-21	AL2679	5	RELEASE, 97375	1	
-22	AL2060	5	HOUSING, 97375	1	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

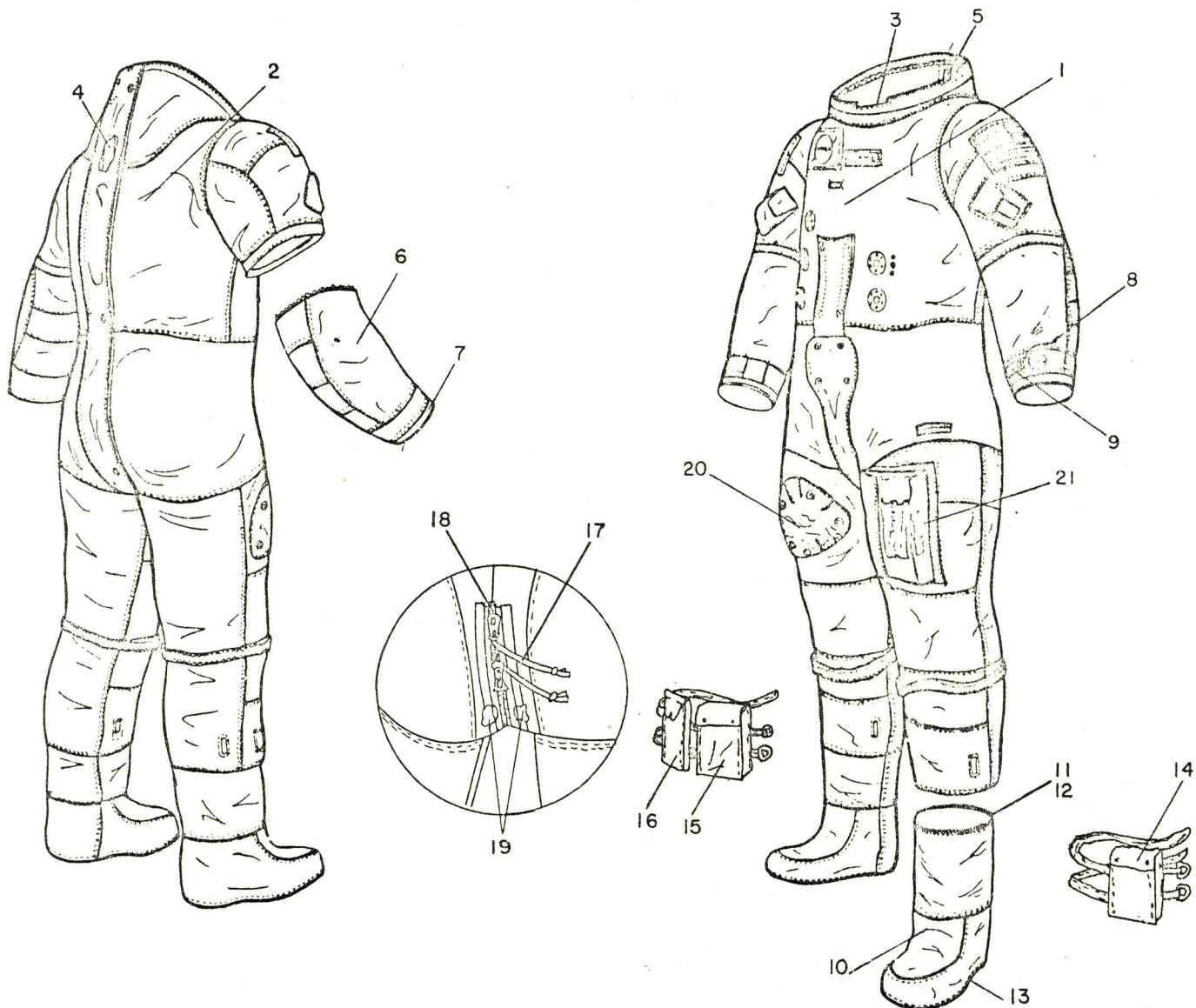


Figure 33 Cover Layer Assembly, CMP

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
33-	A7LB-101200-03	2	COVER LAYER ASSY, CMP	REF	-03
	A7LB-101200-04	2	COVER LAYER ASSY, CMP	REF	-04
	A7LB-101200-05	2	COVER LAYER ASSY, CMP	REF	-05
-1	A7LB-101207-01	3	COVER LAYER, Torso Assy, CMP	1	
-2	A7LB-101238-01	4	SHELL ASSY, CLA	1	
-3	A7LB-101240-01	4	LINER & INSULATION ASSY, CLA (Attaching Parts/Substance)	1	
-4	A7L-2C1381-01	4	STIFFENER	2	
-5	A7L-2S1419-01	4	STIFFENER, Patch	2	
	ST15G274-02	4	THREAD, Beta	AR	
	ST15N055-01	4	THREAD, Nomex	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-6	A7LB-101203-02	3	ARM ASSY, Lower, CLA Right	1	
	A7LB-101203-05	3	ARM ASSY, Lower, CLA Left (Attaching Part)	1	
	ST13N227-01	4	TAPE, Loop, Nylon, 3/8" Wide ---*---	AR	
-7	A7LB-201172-01	4	"O" RING, Fluorel	1	
-8	ST14H447-01	4	CORD, Braided PBI (8" long) (Attaching Part)	1	
	ST15N055-01		THREAD, Nomex	AR	
-9	A7LB-101261-01	4	POCKET ASSY, PRV Cap (Attaching Parts)	1	
	A7LB-1S1398-01	4	FASTENER TAPE, Pile, Interface	1	
	ST15N055-01	4	THREAD, Nomex ---*---	AR	
-10	A7LB-106077-01	3	BOOT ASSY, CLA, Left	1	
	A7LB-106077-02	3	BOOT ASSY, CLA, Right	1	
-11	ST13N227-01	4	TAPE, Loop, Nylon, 3/8" W	AR	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
33-12	A7L-201040-01	4	SLIDE FASTENER, Pin Half	1	
-13	A7LB-2Z1836-01	4	TAPE, Loop, Boot, Lower	1	
	ST15G274-02	4	THREAD, Beta	AR	
	ST15N055-01	4	THREAD, Nomex ----*----	AR	
-14	A7L-201121-03	3	POCKET ASSY, Data List	1	-04
	A7LB-201156-01	3	POCKET ASSY, Data List	1	-05
-15	A7LB-201153-01	3	POCKET ASSY, Check List	1	-04
	A7LB-201155-01	3	POCKET ASSY, Check List	1	-05
-16	A7LB-201175-01		POCKET ASSY, Scissors	1	
-17	A7L-2S1480-01	3	LANYARD, Slide Fastener	1	
-18	A7L-201126-01	3	SLIDE FASTENER ASSY (Attaching Parts)	1	
-19	A7L-2C1355-01	3	FACING, Shell Entrance	1	
	A7L-2C1355-02	3	FACING, Shell Entrance	1	
	ST15N055-01		THREAD, Nomex	AR	
-20	A7LB-101246-01	3	FLAP ASSY, UCD & Medical Injection Access	1	
-21	A7LB-201120-01	3	POCKET ASSY, Utility	1	

8819700713C

SECTION III
GROUP ASSEMBLY PARTS LIST

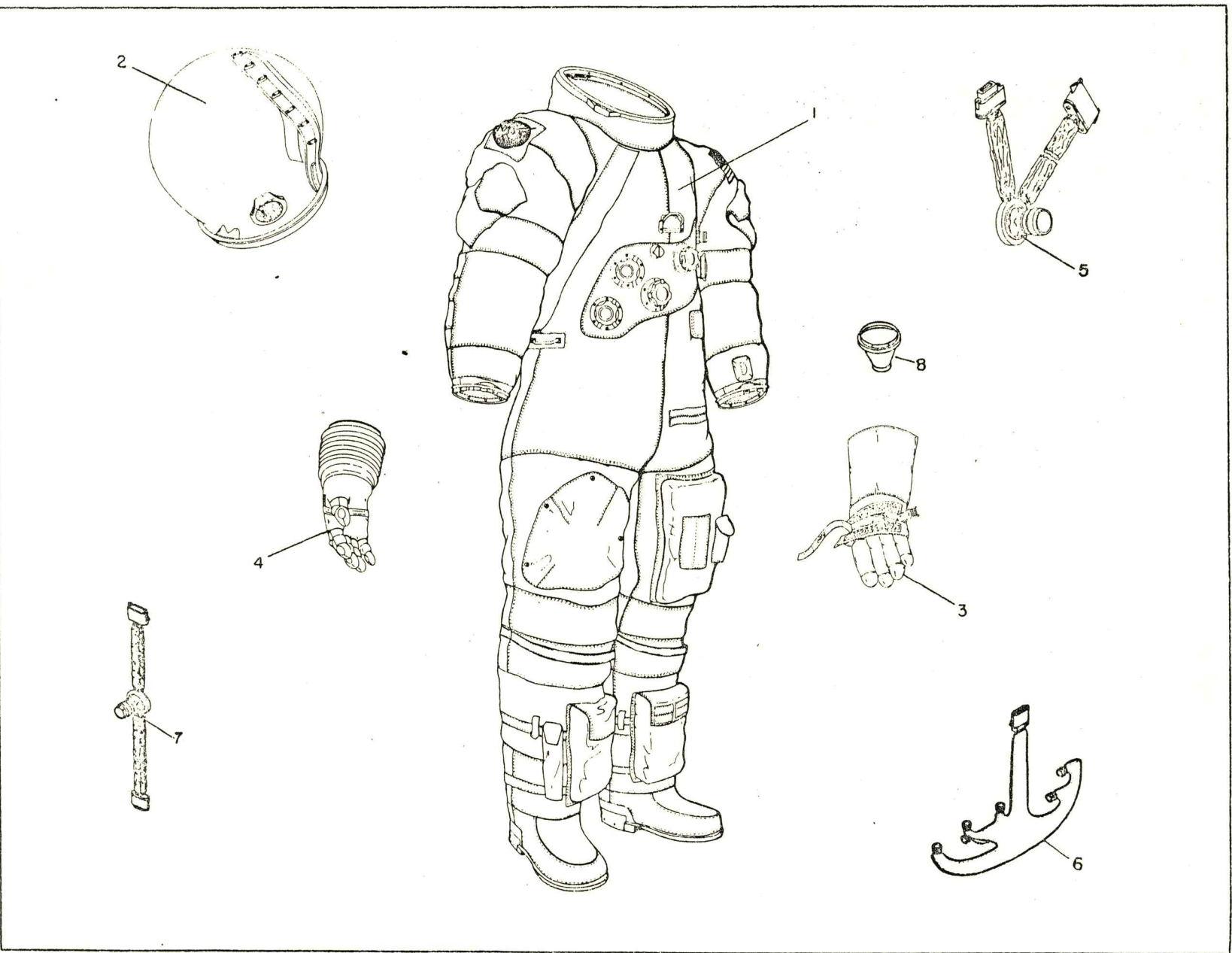


Figure 34 Skylab Separable Components

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
34-			SKYLAB SEPARABLE COMPONENTS		
-1	A7LB-100006		TLSA, Integrated, EV (See Fig 35 for Bkdn)	REF	
-2	A7LB-102053		HELMET ASSY, Enlarged (See Fig 21 for Bkdn)	REF	
-3	A7LB-203034		GLOVE ASSY, EV (See Fig 19 for Bkdn)	REF	
-4	A7LB-103011		GLOVE ASSY, Pressure, IV (See Fig 20 for Bkdn)	REF	
-5	84000095200- 010		SUIT ELECTRICAL HARNESS (GFE)	REF	
-6	84000095200- 030		BIO HARNESS (GFE)	REF	
-7	84000095200- 049		CWG HARNESS (GFE)	REF	
-8	A7LB-104161		WRIST DAM ASSY (See Fig 52 for Bkdn)	REF	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

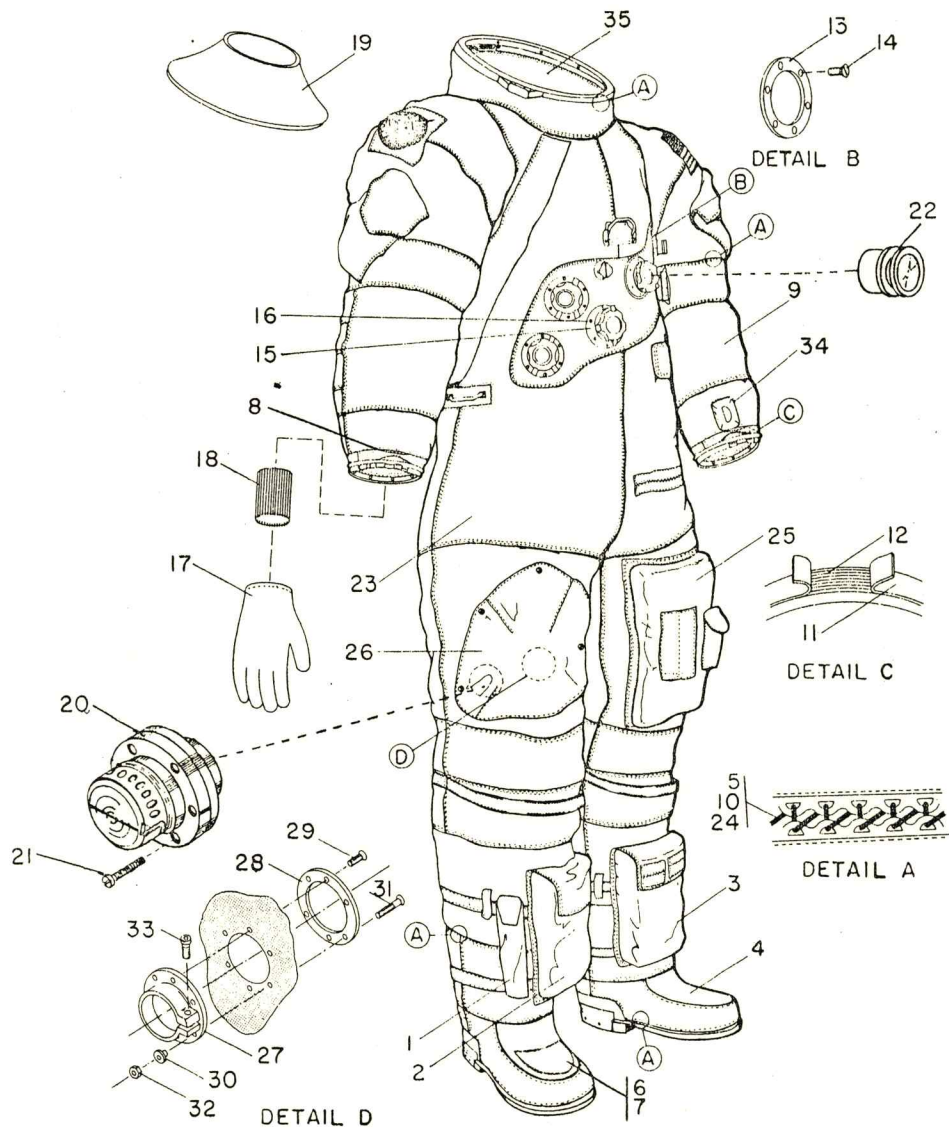


Figure 35 Skylab Integrated TISA

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
35--	A7LB-100006-16	2	TLSA, INTEGRATED, EV (See Fig 34 for NHA) S/N 614 thru 637	REF	-16
	A7LB-100006-17	2	TLSA, INTEGRATED, EV (See Fig 34 for NHA) S/N 601	REF	-17
-1	A7LB-201175-01	3	POCKET ASSY, Scissors	1	
-2	A7LB-201155-01	3	POCKET ASSY, Checklist	1	
-3	A7LB-201156-01	3	POCKET ASSY, Data List	1	
-4	A7LB-206053-07	3	BOOT ASSY, ITMG, Left	1	
	A7LB-206053-08	3	BQOT ASSY, ITMG, Right (Attaching Part)	1	
-5	ST14N014-03	3	CORD, Nylon, 1/16" Dia ----*----	AR	
-6	A7LB-2S6016-03	4	SHELL, Insert, Toe Pad, Left (FOI)	1	
	A7LB-2S6016-04	4	SHELL, Insert, Toe Pad, Right (FOI)	1	
-7	A7LB-2S6017-03	4	INSERT, Toe Pad, Left (FOI)	1	
	A7LB-2S6017-04	4	INSERT, Toe Pad, Right (FOI) (Attaching Part)	1	
	ST15N055-01	4	THREAD, Nomex ----*----	AR	
-8	A7LB-104154-01	3	TETHER ASSY, Lower Arm (FOI)	2	
-9	A7LB-201197-01	3	ARM ASSY, Lower, ITMG, Left	1	
	A7LB-201197-02	3	ARM ASSY, Lower, ITMG, Right (Attaching Part)	1	
-10	ST14N014-03	3	CORD, Nylon, 1/16" Dia ----*----	AR	
-11	A7LB-104138-01	3	RING, Wrist	1	
-12	ST14N016-01	3	CORE, Yarn (Attaching Substance)	AR	
	ST31N003-01	3	ADHESIVE, Neoprene, Two- Part ----*----	AR	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L v	Description	Qty Assy	Useable on Code
35-13	A7L-201039-01	3	FLANGE, Outer, Electrical Connector (Attaching Parts)	1	
-14	A7L-109000-01	3	SCREW, Machine, Flat Head ----*----	6	
-15	A7LB-109039-02	3	RING, MOUNTING, H ₂ O Connector (Attaching Part)	1	
-16	MS35233-15	3	SCREW, Mounting ----*----	6	
-17	A7L-103056-07	3	GLOVE ASSY, Comfort, LH (FOI)	1	
	A7L-103056-08	3	GLOVE ASSY, Comfort, RH (FOI)	1	
	A7L-103056-09	3	GLOVE ASSY, Comfort, LH (FOI)	1	
	A7L-103056-10	3	GLOVE ASSY, Comfort, RH (FOI)	1	
-18	A7L-101121-01	3	WRISTLET (FOI)	2	
-19	A7L-101067-08	3	NECK DAM ASSY	1	
-20	A7LB-109049-02	3	PRESSURE RELIEF VALVE	1	
-21	MS35233-18	3	SCREW, Mounting ----*----	6	
-22	A7L-101006-05	3	CAP ASSY, Gas Connector (Red)	1	
	A7L-101006-06	3	CAP ASSY, Gas Connector (Blue)	1	
-23	A7LB-201191-01	3	TORSO ASSY, ITMG (Skylab) (Attaching Part)	1	
-24	ST14N014-03	3	CORD, Nylon, 1/16" Dia ----*----	AR	
-25	A7LB-201201-01	4	POCKET ASSY, Utility	1	
-26	A7LB-201200-01	4	FLAP ASSY, UCD and PRV	1	
-27	A7L-201065-01	4	CLAMP, Mounting, UCD, ITMG	1	
-28	A7L-201066-01	4	RING, Mounting, UCD, ITMG (Attaching Part)	1	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
35-29	AN507C440-4	4	SCREW, Machine, Flat Head ----*----	5	
-30	A7L-201069-01	4	SPACER, Lanyard Connector, UCD	1	
-31	AN507C440-8	4	SCREW, Machine, Flat Head	1	
-32	ST26S377-01	4	NUT, Self-Locking	1	
-33	MS16995-9	4	SCREW, Socket Head	1	
-34	A7LB-201180-01	3	COVER ASSY, Pressure Gage (Attaching Part)	1	
	ST15N055-01	3	THREAD, Nomex ---*---	AR	
-35	A7LB-100007-21	3	TL5A, EV (See Fig 36 for Bkdn)	1	-16
	A7LB-100007-22	3	TL5A, EV (See Fig 36 for Bkdn)	1	-17

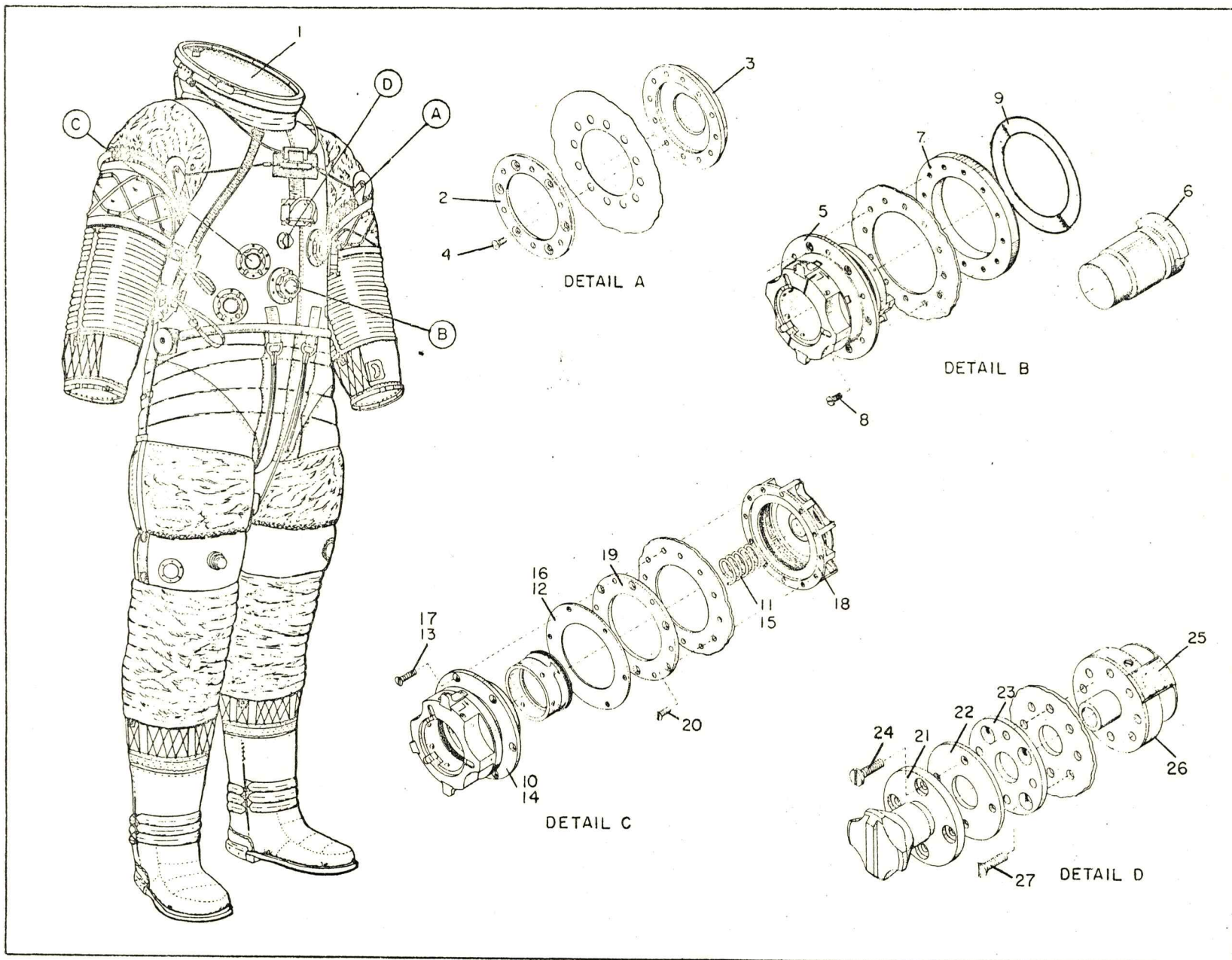


Figure 36 (Sheet 1 of 6) Skylab Torso Limb Suit Assembly

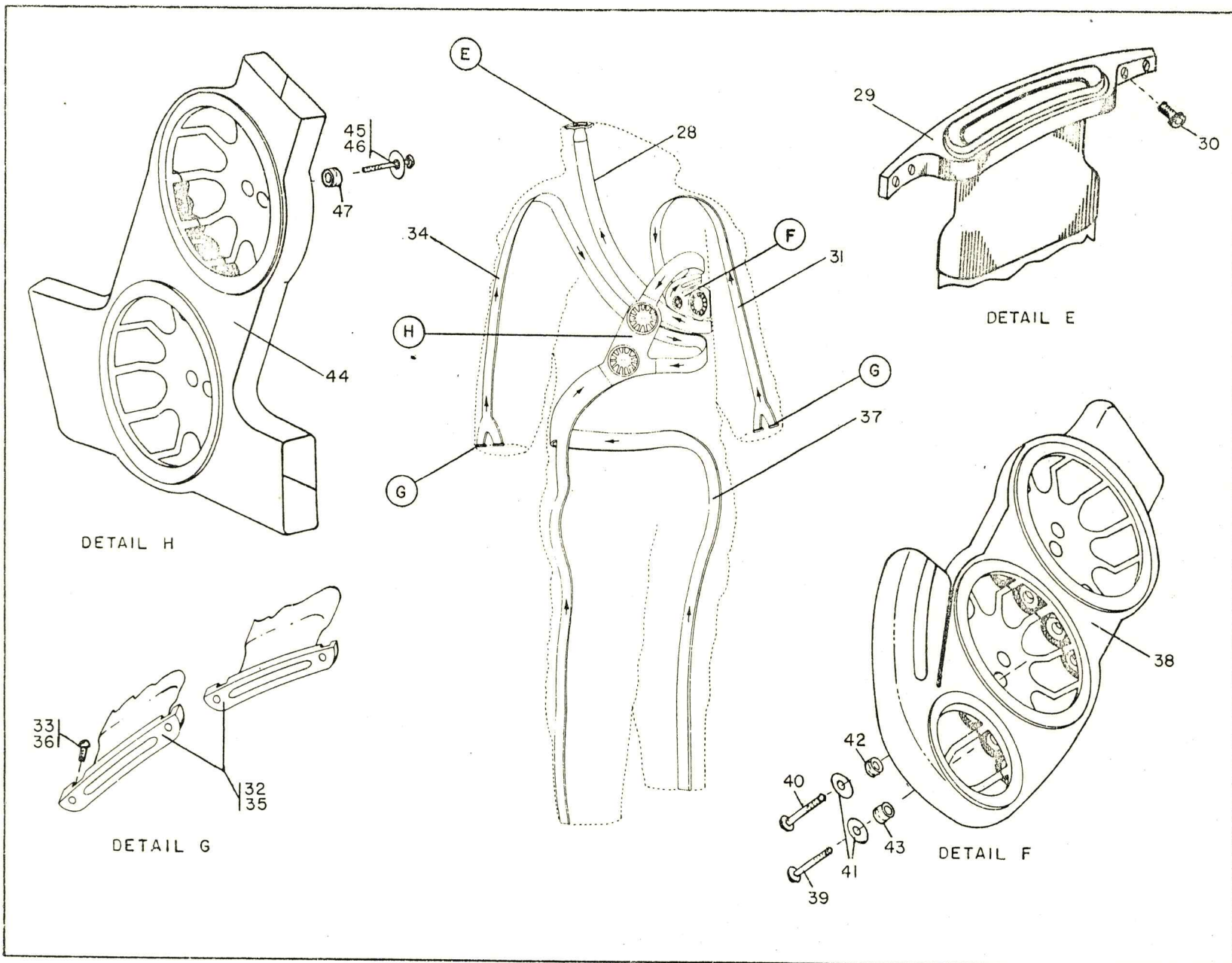


Figure 36 (Sheet 2 of 6) Skylab Torso Limb Suit Assembly

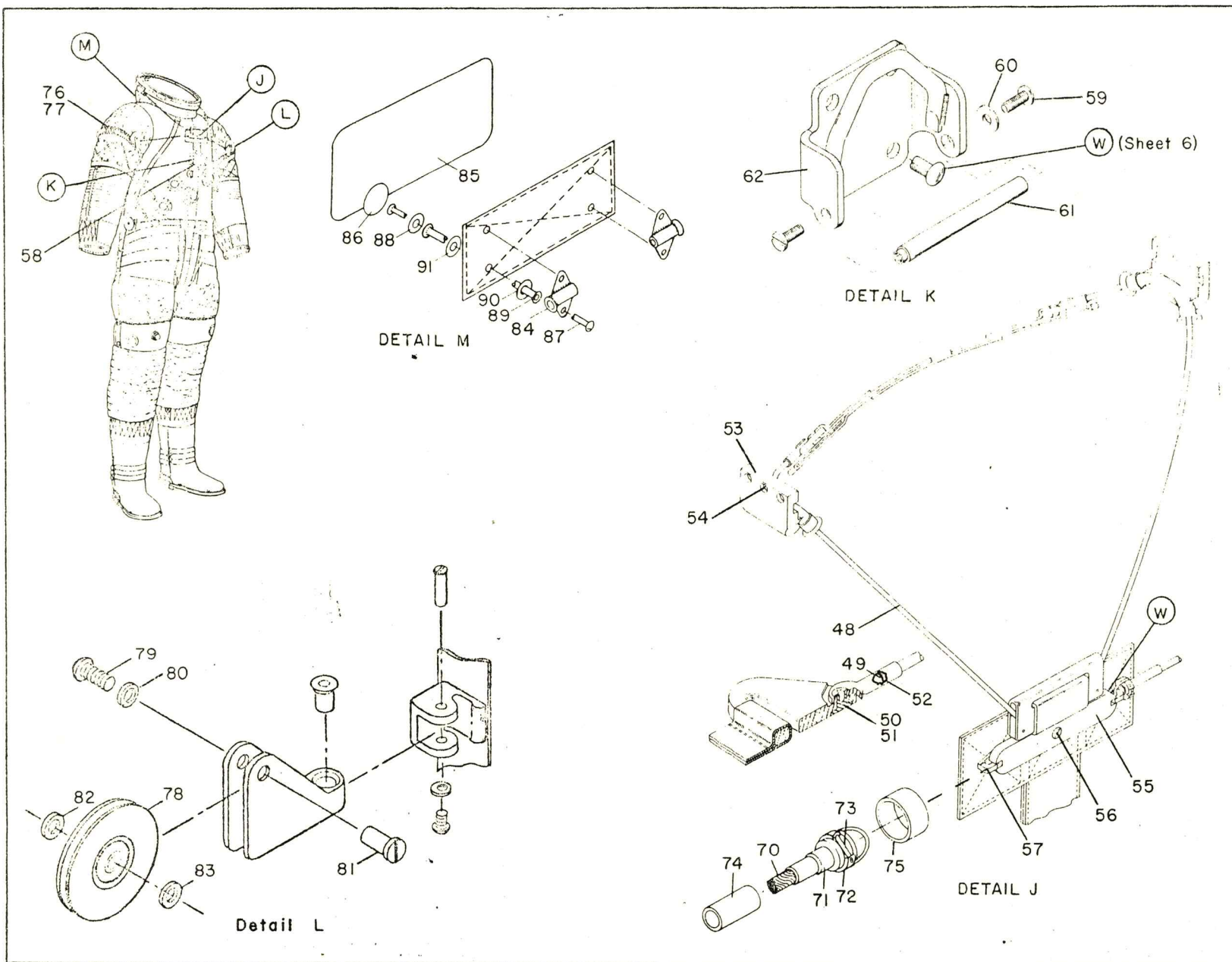
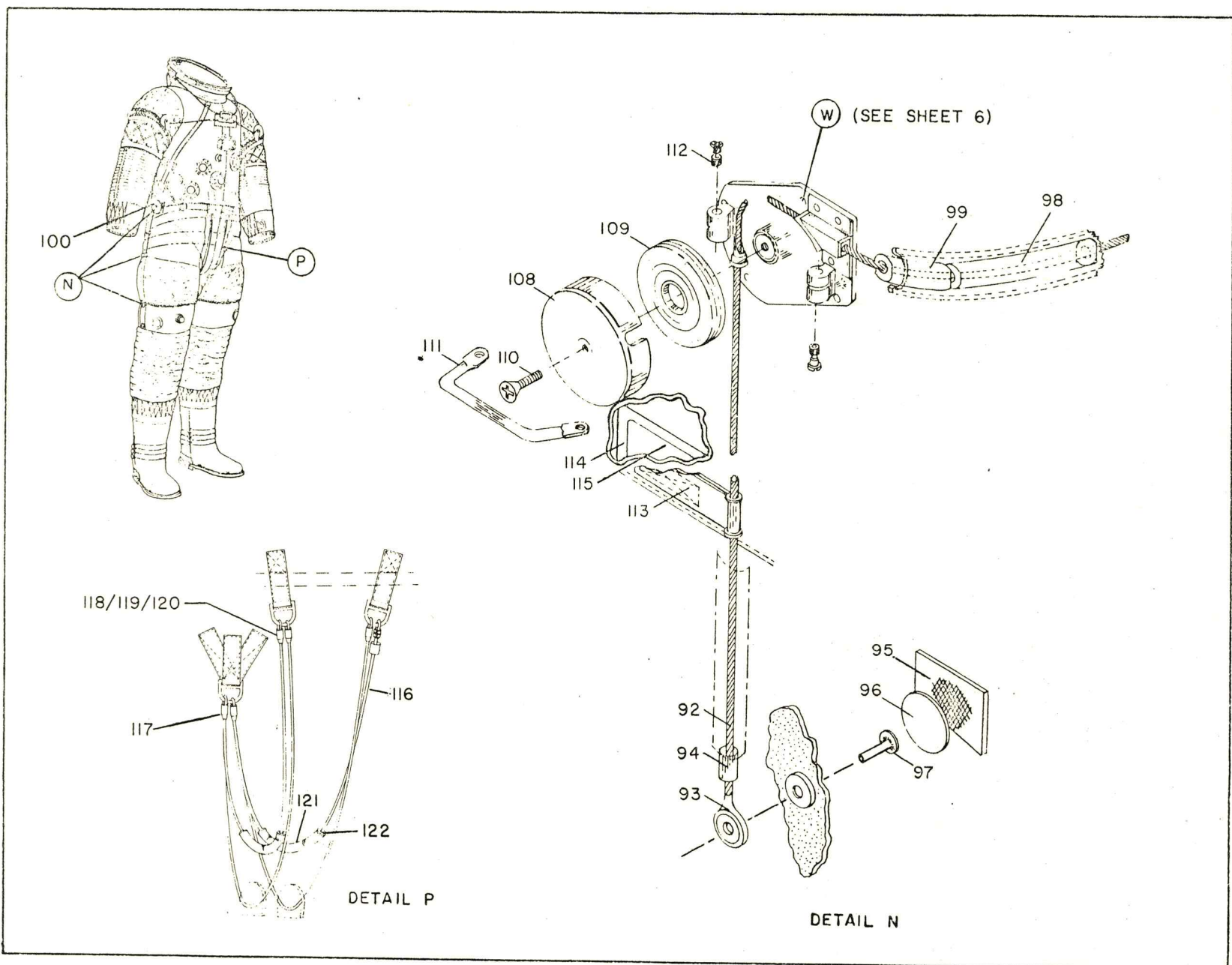


Figure 36 (Sheet 3 of 6) Skylab Torso Limb Suit Assembly



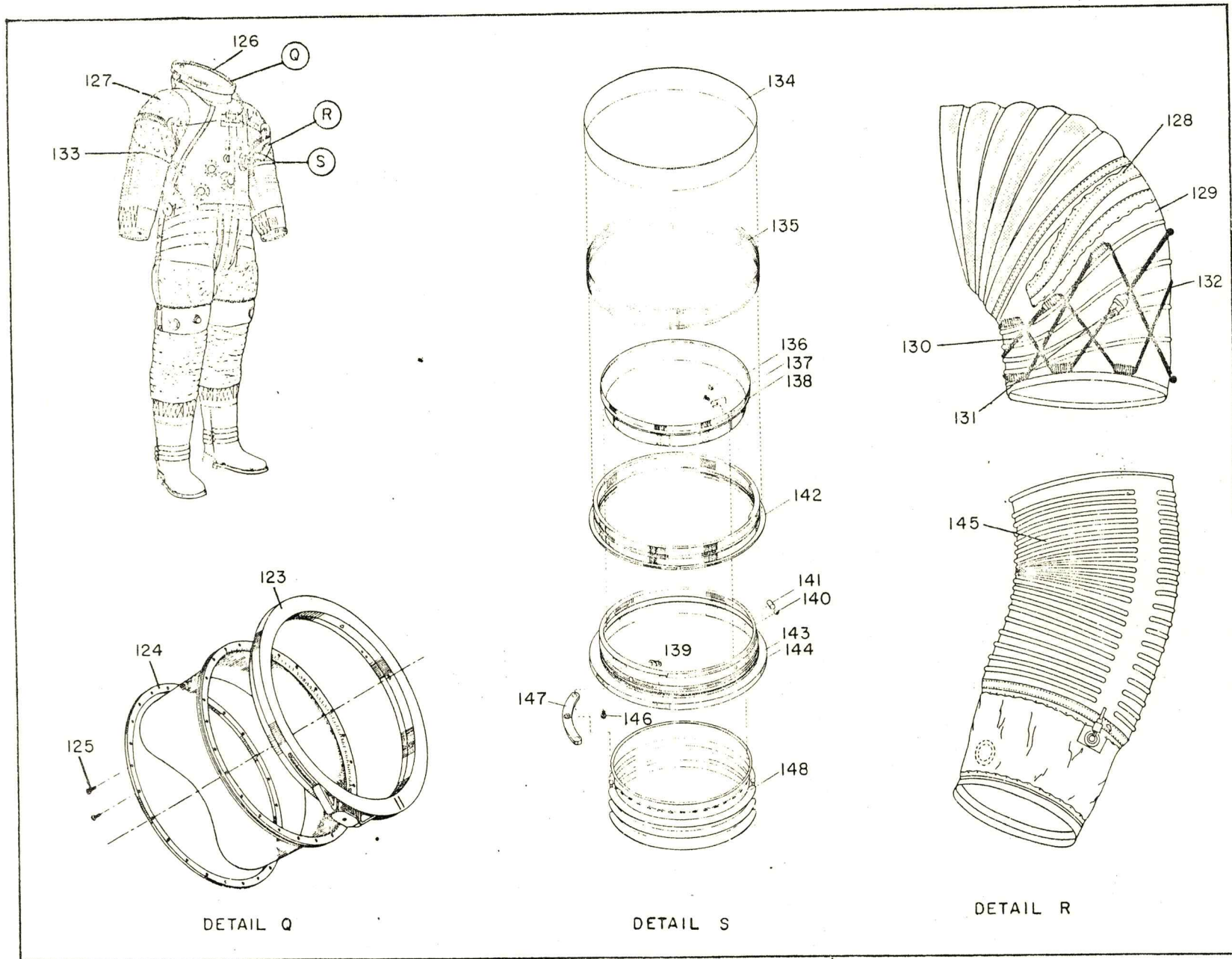


Figure 36 (Sheet 5 of 6) Skylab Torso Limb Suit Assembly

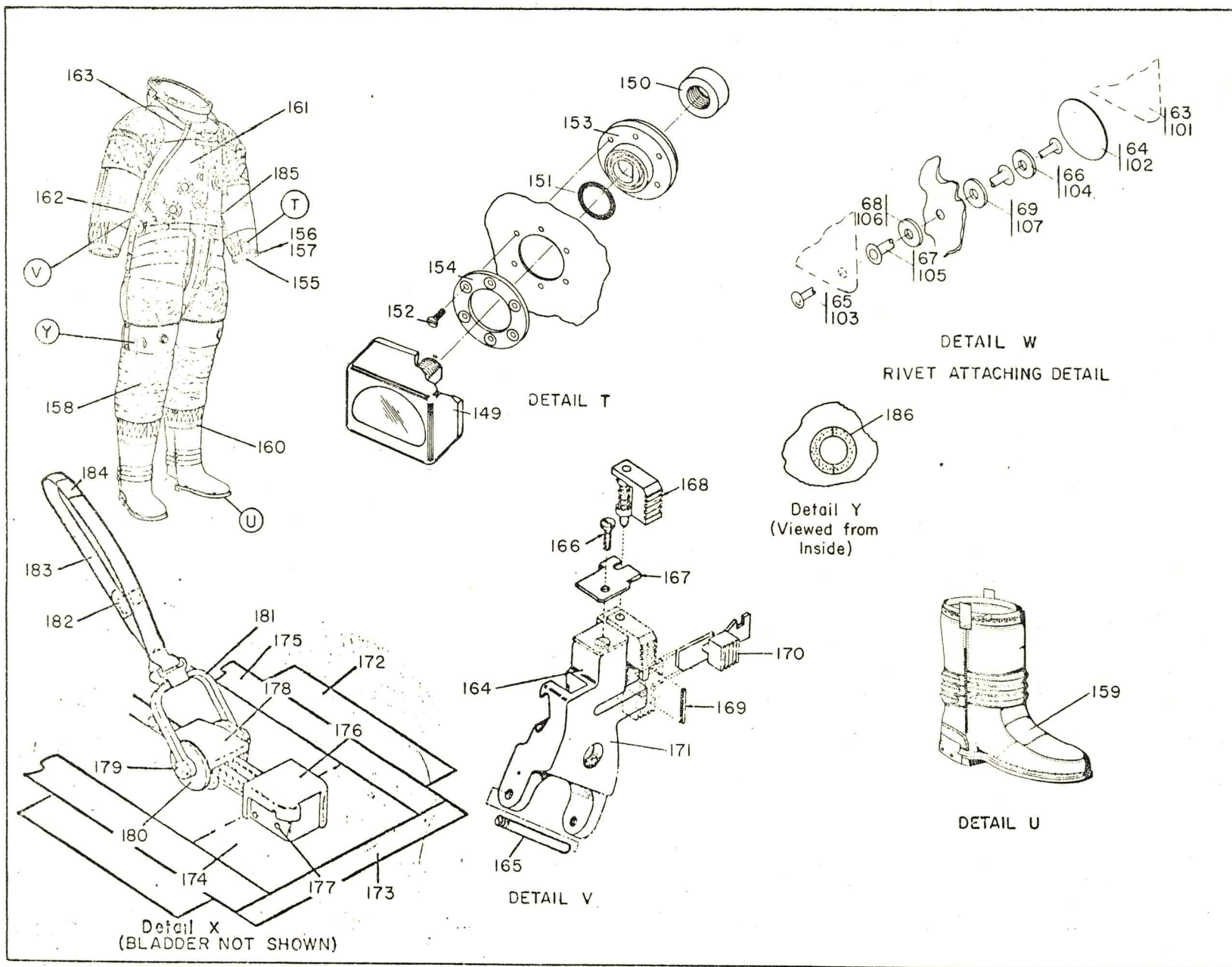


Figure 36 (Sheet 6 of 6) Skylab Torso Limb Suit Assembly

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
36-	A7LB-100007-21	3	TLSA, EV (See Fig 35 for NHA)	REF	-21
	A7LB-100007-22	3	TLSA, EV (See Fig 35 for NHA)	REF	-22
-1	A7LB-107028-06	4	LINER ASSY, TLSA (See Fig 4 for Bkdn)	1	-22
	A7LB-107028-07	4	LINER ASSY, TLSA (See Fig 4 for Bkdn)	1	-21
-2	A6L-101017-02	4	FLANGE, Connector, Electrical, Outer	1	
-3	A6L-101016-04	4	FLANGE, Connector, Electrical, Inner (Attaching Parts/Substance)	1	
-4	MS35249-20	4	SCREW, 4-40 x 1/4, Cres	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-5	A7LB-109037-04	4	RECEPTACLE ASSY, Multiple H ₂ O Connector (See Fig 15 for Bkdn)	1	-22
	A7LB-109037-06	4	RECEPTACLE ASSY, Multiple H ₂ O Connector (See Fig 15 for Bkdn)	1	-21
-6	A7L-101035-01	4	PLUG, Water Connector	1	
-7	A7LB-109038-01	4	RING, Clamping, Multiple H ₂ O (Attaching Parts/Substance)	1	
-8	MS35233-13	4	SCREW	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-9	ST19V088-07	4	FASTENER TAPE, Hook 3 $\pm$ 1/16 Lg (Attaching Substance)	2	
	ST31N308-01	4	ADHESIVE, Neoprene, One-Part ----*----	AR	
-10	A7LB-109016-03	4	OUTER HOUSING ASSY, Inlet, Gas Connector (See Fig 10 for Bkdn)	2	

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
36-11	A7LB-109020-01	4	SPRING, Gas Connector (Attaching Parts)	2	
-12	T1690	4	SPACER (To be removed when ITMG is installed)	2	
-13	AN505C4-6	4	SCREW ----*----	6	
-14	A7LB-109016-04	4	OUTER HOUSING ASSY, Outlet, Gas Connector (See Fig 10 for Bkdn)	2	
-15	A7LB-109020-01	4	SPRING, Gas Connector (Attaching Parts)	2	
-16	T1690	4	SPACER (To be removed when ITMG is installed)	2	
-17	AN505C4-6	4	SCREW ----*----	6	
-18	A7LB-109018-01	4	INNER HOUSING ASSY, Gas Connector (See Fig 11 for Bkdn)	4	
-19	A7LB-109017-01	4	PLATE, Mounting, Gas (Attaching Parts/Substance)	4	
-20	AN505C4-4	4	SCREW, Mounting	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-21	A7LB-109023-01	4	KNOB AND SHAFT ASSY, Diverter Valve (See Fig 12 for Bkdn)	1	
-22	T1689	4	SPACER (To be removed when ITMG is installed)	1	
-23	A7LB-109025-01	4	PLATE, Mounting, Diverter Valve (Attaching Parts)	1	
-24	MS35233-15	4	SCREW ----*----	4	
-25	A7LB-109045-02	4	DIVERTER VALVE AND DUCT SEAL ASSY (See Fig 13 for Bkdn)	1	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
36-26	A7LB-109024-01	4	INNER HOUSING ASSY, Diverter Valve (See Fig 14 for Bkdn)	1	
-27	AN505C4-4	4	SCREW, Mounting ----*----	4	
-28	A7LB-108028-03	4	DUCT ASSY, Helmet Vent (Attaching Part)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia. ----*----	AR	
-29	A7LB-109011-01	5	VENT, Sub-Assy (Attaching Parts)	1	
-30	A7LB-109012-01	5	SCREW, Hex, Cap, Socket Hd ----*----	4	
-31	A7LB-108026-01	4	DUCT ASSY, Arm, Left (Attaching Part/Substance)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-32	A7LB-109031-01	5	VENT, Wrist Disconnect (Attaching Parts)	2	
-33	AN515C2-3	5	SCREW ----*----	4	
-34	A7LB-108027-01	4	DUCT ASSY, Arm, Right (Attaching Part/Substance)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-35	A7LB-109031-01	5	VENT, Wrist Disconnect (Attaching Parts)	2	
-36	AN515C2-3	5	SCREW ----*----	4	
-37	A7LB-108029-02	4	DUCT ASSY, Vent, Leg (Attaching Parts/Substance)	1	
	ST14N014-02	4	CORD, Nylon, 1/16" Dia	AR	
	ST15N018-04	4	THREAD, Nylon, Size E	AR	

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
36-37 (Cont)	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-38	A7LB-108018-05	4	PLENUM ASSY, Inlet and Torso (Attaching Parts/Substance)	1	
-39	MS35233-3	4	SCREW	2	
-40	MS35233-2	4	SCREW	4	
-41	AN960C2L	4	WASHER, Flat	4	
-42	A7LB-108038-01	4	SLEEVE, Plenum Mounting, Diverter Valve	4	
-43	A7LB-108038-02	4	SLEEVE, Plenum Mounting, Diverter Valve	2	
-44	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	A7LB-108037-04	4	EXHAUST ASSY, Plenum Gas Connector (Attaching Parts/Substances)	1	
-45	MS35233-2	4	SCREW	4	
-46	AN960C2L	4	WASHER, Flat	4	
-47	A7LB-108038-01	4	SLEEVE, Plenum Mounting, Diverter Valve	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-48	ST29C304-01	4	CABLE, Preformed Wire, 1/16" Dia (Attaching Parts)	AR	
-49	A7LB-101229-01	4	FITTING, Swage	2	
-50	A7LB-101235-01	4	RIVET, Shoulder Restraint, Rear Neck	2	
-51	MS15795-805	4	WASHER	2	
-52	ST16S046-06	4	TUBING, Shrinkable 1 1/4" + 1/8" long ---*---	2	
-53	A7LB-101122-02	4	BRACKET ASSY, Neck Turn- Around, Right	1	
	A7LB-101122-03	4	BRACKET ASSY, Neck Turn- Around, Left (Attaching Parts)	1	

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION IV

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
36-54	MS16995-10	4	SCREW, Mounting ----*----	6	
-55	A7L-101117-01	4	COVER, Shoulder Cable (Attaching Part)	1	
-56	AN505C6-4	4	SCREW, Machine, Flat Hd ----*----	1	
-57	A7L-101116-01	4	BASE PLATE, Shoulder Cable Connector	1	
-58	A7LB-101264-01	4	BRACKET ASSY, PCU Attachment	1	
-59	MS35233-14	5	SCREW, Machine, Pan Hd	2	
-60	AN960C4	5	WASHER, Flat	1	
-61	A7LB-101266-01	5	BAR, Attaching	1	
-62	A7LB-101265-01	5	BRACKET, PCU Attachment (Attaching Parts)	1	
-63	A7LB-1C1324-01	4	PATCH, Sealing, Front Shoulder and PLSS	1	
-64	A7LB-1S1277-01	4	PATCH, Cover, Rivet	1	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-65	ST24S097-06	4	RIVET, Oval Hd, Semi-tubular	6	
-66	AN960C10L	4	WASHER, Flat	6	
-67	ST24B085-01	4	EYELET, Flanged	6	
-68	AN230WB20	4	WASHER, Eyelet	6	
-69	A6L-101044-01	4	WASHER, Grommet ----*----	6	
-70	A6L-1C1056-03	4	CABLE ASSY, Shoulder (Attaching Parts)	1	
-71	A7LB-101216-01	4	FITTING, Swage	2	
-72	A6L-101024-01	4	SWIVEL, Cable End, Shoulder Retaining	2	
-73	MS171433	4	PIN, Spring	2	
-74	ST16S046-06	4	TUBING, Shrinkable 1 1/4" + 1/8" -0 long	2	
-75	ST16S046-03	4	TUBING, Shrinkable 1/2" + 1/8" -0 long ---*---	2	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
36-76	A7LB-104095-05	4	GUIDE ASSY, Ring and Cable, Shoulder (Attaching Part)	2	
-77	ST14N014-01	4	CORD, Nylon, 1/16" Dia ----*----	AR	
-78	A7LB-104098-02	5	PULLEY ASSY, Cable (Attaching Parts)	2	
-79	AN515C6-4	5	SCREW, Machine, Round Hd	2	
-80	AN960C6	5	WASHER	2	
-81	A7LB-104102-01	5	SHAFT, Pulley	2	
-82	A7LB-104094-01	5	WASHER, Thrust	2	
-83	A7LB-104094-02	5	WASHER, Thrust	2	
-84	A7LB-101226-01	4	GUIDE ASSY, Cable, Rear (Attaching Parts/Substance)	2	
-85	A7LB-1S1250-01	4	PATCH, Sealing, Shoulder Cable, Rear	1	
-86	A7LB-1S1277-01	4	PATCH, Cover, Rivet	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-87	ST24S097-07	4	RIVET, Oval Hd, Semi-tubular	4	
-88	AN960C10L	4	WASHER, Flat	4	
-89	ST24B085-02	4	EYELET, Flanged	4	
-90	AN23OWB20	4	WASHER, Eyelet	4	
-91	A6L-101044-01	4	WASHER, Grommet ----*----	4	
-92	ST29C304-01	4	CABLE ASSY, Preformed Wire, 1/16" Dia (Attaching Parts/Substance)	AR	
-93	A7LB-101229-01	4	TERMINAL, Swaging, Cable	2	
-94	ST16S046-06	4	TUBING, Shrinkable 1 1/4" $\pm$ 1/16" long		
-95	A7LB-1S5011-01	4	PATCH, Sealing, Waist Cable, Left	1	
	A7LB-1S5011-02	4	PATCH, Sealing, Waist Cable, Right	1	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
36-96	A7LB-1S1277-01	4	PATCH, Cover, Rivet	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-97	ST24S097-06	4	RIVET, Oval Hd, Semi-tubular ---*---	2	
-98	A7LB-101155-01	4	TUBE, Cable Guide, Waist	3	
-99	A7LB-1C1203-01	4	TUBE, Cable Guide, Waist	2	
-100	A7LB-101166-07	4	PULLEY ASSY, Waist, Left	1	
	A7LB-101166-08	4	PULLEY ASSY, Waist, Right (Attaching Parts/Substance)	1	
-101	A7LB-1S1248-01	4	PATCH, Sealing, Tether, Left	1	
	A7LB-1S1248-02	4	PATCH, Sealing, Tether, Right	1	
-102	A7LB-1S1277-01	4	PATCH, Cover, Rivet	8	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-103	ST24S097-06	4	RIVET, Oval Hd, Semi-tubular	8	
-104	AN960C10L	4	WASHER, Flat	8	
-105	ST24B085-01	4	EYELET, Flanged	8	
-106	AN23OWB20	4	WASHER, Eyelet	8	
-107	A6L-101044-01	4	WASHER, Grommet ---*---	8	
-108	A7LB-101164-01	5	COVER ASSY, Pulley, Waist, Left	1	
	A7LB-101164-02	5	COVER ASSY, Pulley, Waist, Right	1	
-109	A7LB-101197-02	5	PULLEY AND BEARING ASSY, Waist (Attaching Part)	1	
-110	ST25S516-01	5	SCREW, MACHINE, Oval Trim ---*---	1	
-111	A7LB-101157-01	5	BRACKET, Attachment, LM Restraint (Attaching Parts)	1	
-112	A7LB-101199-01	5	SCREW, Attachment, LM Restraint ---*---	2	
-113	A7LB-101135-01	4	PATCH ASSY, Thigh Cable Guide (Attaching Parts/Substance)	2	

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
36-127 (Cont)	A7LB-104153-02	4	COVER ASSY, Shoulder Convolute, Right (Attaching Part)	1	
	ST15N018-02	4	THREAD, Nylon, Size E ----*----	AR	
-128	A6L-109001-02	5	TAPE, Loop, Modified (Attaching Part)	1	
	ST15N018-02	5	THREAD, Nylon, Size E	AR	
-129	A7LB-104086-11	4	ARM ASSY, Upper, Left (See Fig 6 for Bkdn)	1	
	A7LB-104086-12	4	ARM ASSY, Upper, Right (See Fig 6 for Bkdn)	1	
-130	ST14N064-01	4	ROPE, Nylon 52" + 1/4" long	2	
-131	A6L-101074-02	4	SLEEVE, 3/32" Cable, Modified	2	
-132	ST16S046-05	4	TUBING, Shrinkable, 3/4" + 1/8" -0 long (Attaching Parts/Substance)	2	
	ST15N018-02	4	THREAD, Nylon, Size E	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-133	A7LB-104084-01	4	BEARING ASSY, Arm (Attaching Parts/Substance)	2	
-134	A7LB-104083-01	4	STRIP ASSY, Cover, Upper Arm	2	
-135	ST14N016-01	4	CORE, Yarn	AR	
	ST32R005-01	4	ADHESIVE, Resin, Two-Part	AR	
-136	MS35233-1	4	SCREW, Machine	4	
-137	A7LB-104136-01	4	TAB, Locking, Arm Bearing	2	
-138	A7LB-104135-01	4	RING, Retaining, Convolute, Arm Bearing ----*----	1	
-139	A7L-104060-01	5	BALL PORT	1	
-140	MS19060-2	5	BEARING, Ball	88	
-141	A7L-104076-01	5	SPACER	88	
-142	A7LB-104130-01	5	RACE ASSY, Outer, Arm Bearing	1	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
36-143	A7LB-104092-01	5	RACE, Inner	1	
-144	A7L-104046-01	5	SEAL, Wiper	1	
	ST31S383-01	5	ADHESIVE, Fluorosilicone	AR	
	ST31S384-01	5	PRIMER, Fluorosilicone	AR	
-145	A7LB-104085-09	4	ARM ASSY, Lower, Left (See Fig 7 for Bkdn)	1	-22
	A7LB-104085-10	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn)	1	-22
	A7LB-104085-11	4	ARM ASSY, Lower Left (See Fig 7 for Bkdn)	1	-21
	A7LB-104085-12	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn)		-21
-146	A7L-109000-02	4	SCREW, Modified	4	
-147	A7LB-104093-01	4	BRACKET, Retention, Cable	4	-22
	A7LB-104093-02	4	BRACKET, Retention, Cable	4	-21
-148	ST13N227-01	4	TAPE, Loop, 6 3/4" $\pm$ 1/16" long	2	
	ST15N017-02	4	THREAD, Nylon, Size B	AR	
	ST12N151-01	4	CLOTH, Ripstop Nylon, Neoprene Coated	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-149	A6L-104025-04	4	GAGE, Pressure, Dial Indicating (Attaching Parts/Substance)	1	
-150	A6L-104031-01	4	NUT, Gage	1	
-151	MS90201-017	4	"O" RING	1	
-152	MS35249-20	4	SCREW	6	
-153	A6L-104034-01	4	RING, Back	1	
-154	A6L-104035-01	4	MOUNT, Gage	1	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ---*---	AR	
-155	A7LB-109029-01	4	DISCONNECT ASSY, Wrist, Suit Side, Left (See Fig 17 for Bkdn)	1	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
36-155 (Cont)	A7LB-109029-02	4	DISCONNECT ASSY, Wrist, Suit Side, Right (See Fig 17 for Bkdn) (Attaching Parts/Substance)	1	
-156	A6L-104018-05	4	STRIP ASSY, Cover, Wrist	2	
-157	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST32R005-01	4	ADHESIVE, Resin, Two-Part ----*----	AR	
-158	A7LB-105004-19	4	LEG ASSY, TLSA, Left (See Fig 8 for Bkdn)	1	-22
	A7LB-105004-20	4	LEG ASSY, TLSA, Right (See Fig 8 for Bkdn)	1	-22
	A7LB-105004-27	4	LEG ASSY, TLSA, Left (See Fig 8 for Bkdn)	1	-21
	A7LB-105004-28	4	LEG ASSY, TLSA, Right (See Fig 8 for Bkdn)	1	-21
-159	A7LB-106078-05	4	BOOT ASSY, TLSA, Left (See Fig 37 for Bkdn)	1	-22
	A7LB-106078-06	4	BOOT ASSY, TLSA, Right (See Fig 37 for Bkdn)	1	-22
	A7LB-106078-07	4	BOOT ASSY, TLSA, Left (See Fig 37 for Bkdn)	1	-21
	A7LB-106078-08	4	BOOT ASSY, TLSA, Right (See Fig 37 for Bkdn)	1	-21
-160	ST13N378-01	4	TAPE, Nylon/Neoprene, Pressure Sealing	AR	
	ST31N396-01	4	ADHESIVE, Neoprene, Two-Part	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-161	A7LB-101126-21	4	TORSO ASSY, TLSA (See Fig 5 for Bkdn) (Attaching Substance)	1	-21,-22
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
36-162	A7LB-101204-01	4	STRIP ASSY, Fastener, Torso, Longitudinal (Attaching Substance)	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ---*---	AR	
-163	A7LB-101204-02	4	STRIP ASSY, Fastener, Torso, Latitudinal (Attaching Substance)	2	
	ST31N003-01		ADHESIVE, Neoprene, Two-Part ---*---	AR	
-164	A7LB-101182-04	4	LOCK ASSY, Restraint, Slide Fastener	1	
-165	A7LB-101253-01	5	PIN, Slider Mounting (Attaching Substance)	1	
	ST32R100-01	5	ADHESIVE, Epoxy	AR	
-166	MS35233-2	5	SCREW, Machine Pan Head	1	
-167	A7LB-101187-02	5	PLATE, Spring Retainer	1	
-168	A7LB-101193-02	5	TAB ASSY, Lock-Lock	1	
-169	MS16562-197	5	PIN, Spring	1	
-170	A7LB-101186-02	5	STRIKE, Zipper Lock	1	
-171	A7LB-101256-01	5	HOUSING LOCK, Restraint Zipper	1	
-172	A7LB-101215-04	5	PATCH ASSY, Strain Relief (Attaching Substance)	2	-21,-22
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ---*---	AR	-21,-22
-173	A7LB-1S1170-01	5	SEALING PATCH, Zipper Top and Bottom (Attaching Substance)	2	-21,-22
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ---*---	AR	-21,-22
-174	A7LB-1Z1396-03	4	SLIDE FASTENER, Pressure Sealing	1	-22
	A7LB-1Z1396-04	4	SLIDE FASTENER, Pressure Sealing (Attaching Part & Substance)	1	-21

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION IV

Fig. & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
36-175	ST13N378-02	4	TAPE, Nylon/Neoprene, Pressure Sealing	AR	-21,-22
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	-21,-22
-176	A7LB-101262-01	5	BODY, Lock (Attaching Parts)	1	-21,-22
-177	A7L-109000-04	5	SCREW, Machine, Modified ----*----	2	-21,-22
-178	A7LB-101258-08	5	SLIDER ASSY (Attaching Parts)	1	-21,-22
-179	A7LB-101258-04	5	SCREW, #5-40 ----*----	2	-21,-22
-180	A7LB-101258-07	6	SIDE GUIDE	2	-21,-22
-181	A7LB-101258-03	6	YOKE ASSY	1	-21,-22
-182	ST13N110-02	7	TAPE, Nylon Woven, 1 5/8 + 1/16 long	1	-21,-22
-183	ST13N110-02	7	TAPE, Nylon, Woven 15 3/8 + 1/16 long	1	-21,-22
-184	ST19V089-08	7	FASTENER TAPE, Pile, 5/16 + 1/32 long (Attaching Part)	1	-21,-22
	ST15N017-07	7	THREAD, Nylon, Size B ----*----	AR	-21,-22
-185	A7LB-101267-01	5	PAD, Protective, Pressure Sealing Slide Fastener (Attaching Substance)	1	-21,-22
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part ----*----	AR	-21,-22
-186	ST19V088-07	5	FASTENER TAPE, Hook 3 + 1/16 Lg (Attaching Substance)	2	
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part	AR	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

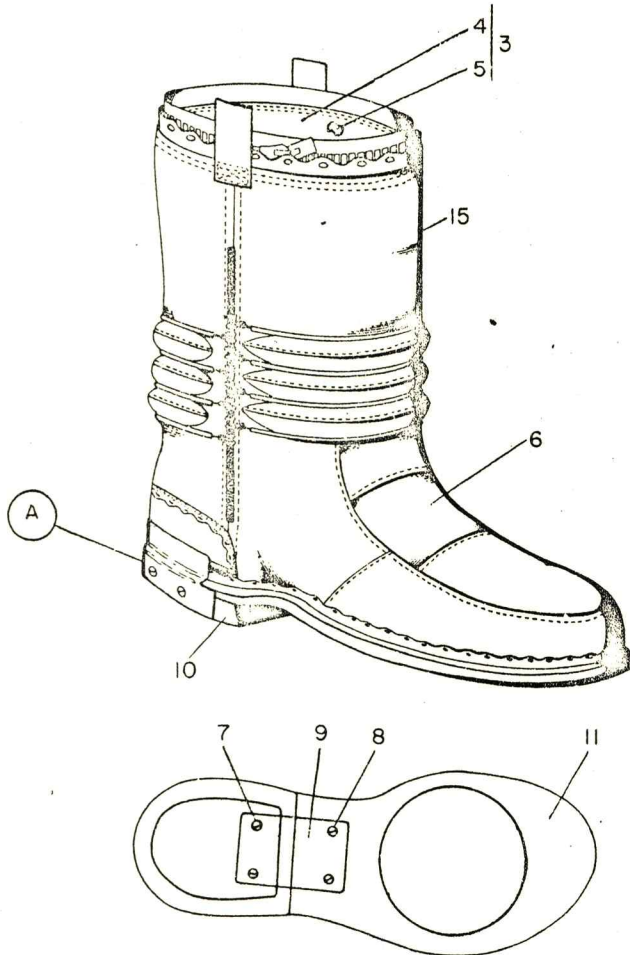
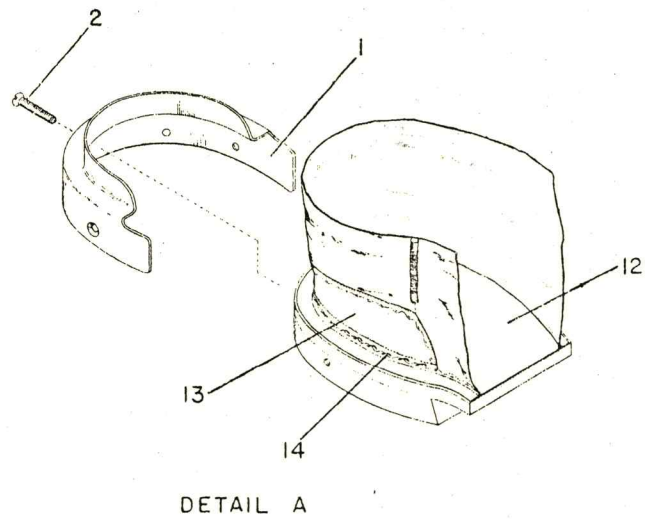


Figure 37 Skylab TISA Boot Assembly

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
37-	A7LB-106078-05	4	BOOT ASSY, TLSA, Left (See Fig 36 for NHA)	REF	-05
	A7LB-106078-06	4	BOOT ASSY, TLSA, Right (See Fig 36 for NHA)	REF	-06
	A7LB-106078-07	4	BOOT ASSY, TLSA, Left (See Fig 36 or 41 for NHA)	REF	-07 (short restraint)
	A7LB-106078-08	4	BOOT ASSY, TLSA, Right (See Fig 36 or 41 for NHA)	REF	-08 (short restraint)
-1	A7LB-106081-01	5	RETENTION, Heel (Attaching Parts/Substance)	1	
-2	AN507C440-12	5	SCREW, Machine, Flat-Head, 100°	5	
	ST32R329-01	5	ADHESIVE, Epoxy, Semi- Flexible ---*---	AR	
-3	A7LB-106079-01	5	BLADDER, LINER AND VENT ASSY, Boot, Left	1	-05,-07
	A7LB-106079-02	5	BLADDER, LINER AND VENT ASSY, Boot, Right (Attaching Substance)	1	-06,-08
	ST31N003-01	5	ADHESIVE, Neoprene, Two-Part	AR	
-4	A7LB-106075-01	6	LINER AND VENT ASSY, Boot, Left	1	-05,-07
	A7LB-106075-02	6	LINER AND VENT ASSY, Boot, Right	1	-06,-08
-5	A7LB-1Z6135-01	6	BLADDER ASSY, Boot, Left	1	-05,-07
	A7LB-1Z6135-02	6	BLADDER ASSY, Boot, Right	1	-06,-08
-6	A7LB-106080-05	4	RESTRAINT, HEEL AND SOLE Assy, Boot, Left	1	-05,-07
	A7LB-106080-06	4	RESTRAINT, HEEL AND SOLE Assy, Boot, Right	1	-06,-08
-7	A7L-106010-01	6	SCREW, Heel Shank	2	
-8	A7L-106013-01	6	SCREW, Arch Shank	2	
-9	A7L-106014-02	6	ARCH/HEEL SHANK	1	

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
37-10	A7LB-106070-01	6	HEEL ASSY, Boot (Attaching Part/Substance)	1	
	ST32R329-01	6	ADHESIVE, Epoxy, Semi- Flexible	AR	
	ST15F123-02	6	THREAD, Pure Flax. Sinew ----*----	AR	
-11	A7LB-106083-01	6	SOLE ASSY, Left	1	-05,-07
	A7LB-106083-02	6	SOLE ASSY, Right (Attaching Part/Substance)	1	-06,-08
	ST32R329-01	6	ADHESIVE, Epoxy, Semi- Flexible	AR	
	ST15F123-01	6	THREAD, Pure Flax Sinew ----*----	AR	
-12	A7L-106016-01	6	INSOLE ASSY, Restraint, Left	1	-05,-07
	A7L-106016-02	6	INSOLE ASSY, Restraint, Right (Attaching Substance)	1	-06,-08
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-13	A7LB-106087-01	6	INSERT ASSY, Heel Stiffener (Attaching Part)	1	
-14	ST14N014-03	6	CORD, Nylon, 1/16" Dia ----*----	AR	
-15	A7L-106005-05	6	RESTRAINT Assy, Boot, Left	1	-05,-07
	A7L-106005-06	6	RESTRAINT Assy, Boot, Right (Attaching Part/Substance)	7	-06,-08
	ST15F123-01	6	THREAD, Pure Flax Sinew (Top Thread)	AR	
	ST15F123-02	6	THREAD, Pure Flax Sinew (Bottom Thread)	AR	
	ST31N003-01	6	ADHESIVE, Neoprene, Two-Part	AR	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

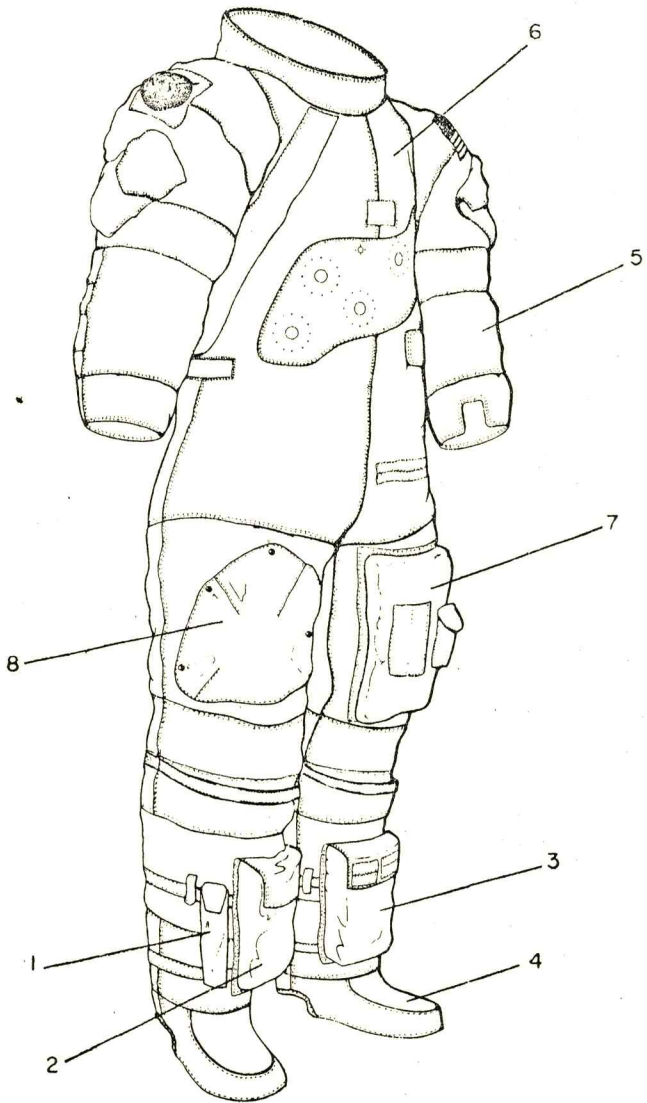


Figure 38 Skylab ITMG Assembly

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
38-	A7LB-201190-01	1	SKYLAB ITMG ASSY	REF	-01
-1	A7LB-201175-01	2	POCKET ASSY, Scissors	1	
-2	A7LB-201155-01	2	POCKET ASSY, Checklist	1	
-3	A7LB-201156-01	2	POCKET ASSY, Data list	1	
-4	A7LB-206053-05	2	BOOT ASSY, ITMG, Left	1	
	A7LB-206053-06	2	BOOT ASSY, ITMG, Right	1	
	A7LB-206053-07	2	BOOT ASSY, ITMG, Left	1	
	A7LB-206053-08	2	BOOT ASSY, ITMG, Right	1	
-5	A7LB-201197-01	2	ARM ASSY, Left	1	
	A7LB-201197-02	2	ARM ASSY, Right	1	
-6	A7LB-201191-01	2	TORSO ASSY, SITMG	1	
-7	A7LB-201201-01	3	POCKET ASSY, Utility	1	
-8	A7LB-201200-01	3	FLAP ASSY, UCD and PRV Access	1	

8819700713C

SECTION IV
GROUP ASSEMBLY PARTS LIST

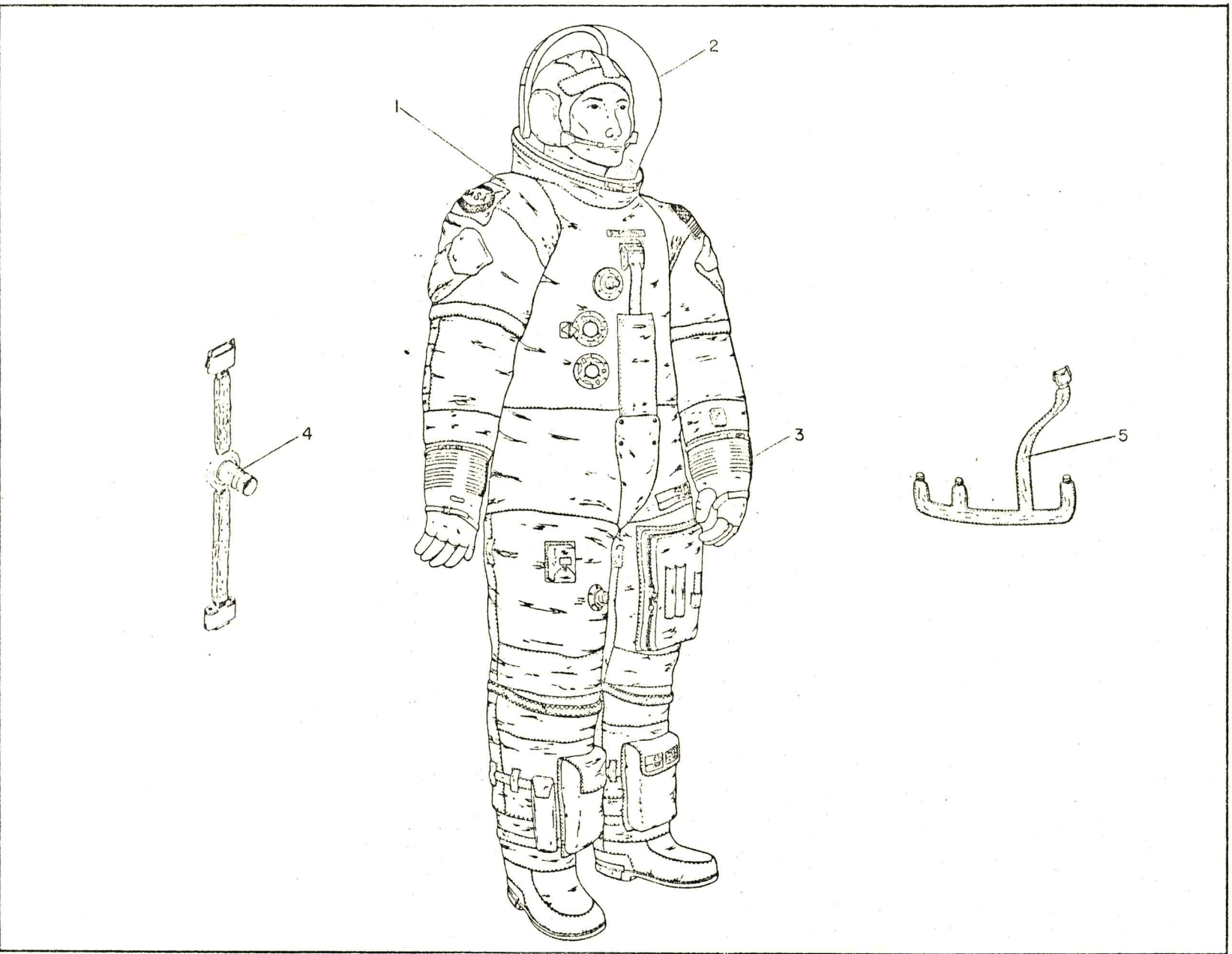


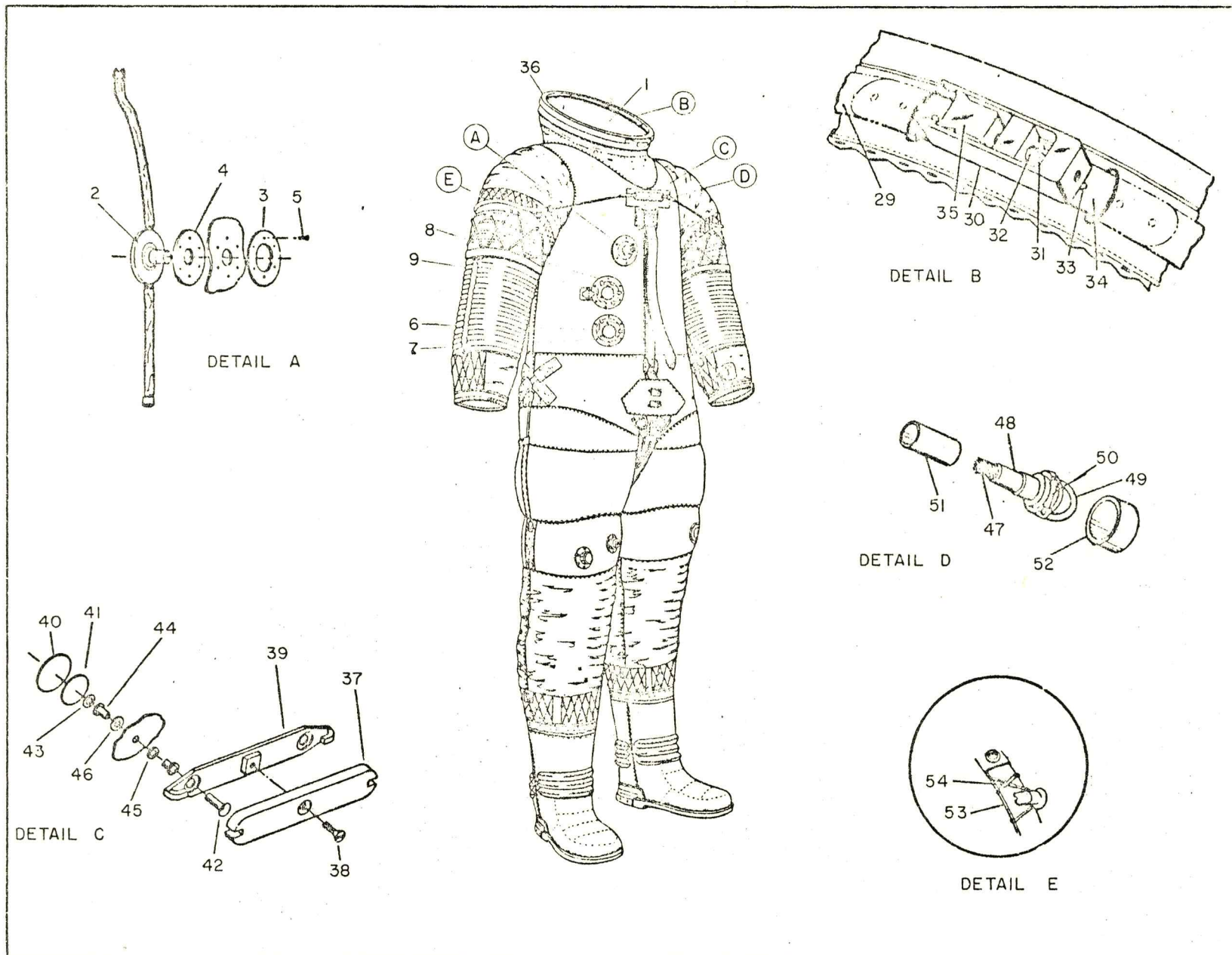
Figure 39 ASTP Separable Components

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
39-			ASTP SEPARABLE COMPONENTS		
-1	A7LB-100021	1	TLSA, Integrated, ASTP (See Fig 40 for Bkdn)	REF	
-2	A7LB-102053	2	HELMET ASSY (See Fig 21 for Bkdn)	REF	
-3	A7LB-103011	2	GLOVE ASSY, Pressure, IV (See Fig 20 for Bkdn)	REF	
-4	A7LB-109040	2	HARNESS ASSY, Electrical, Suit (See Fig 53 for Bkdn)	REF	
-5	A7LB-109043	2	HARNESS ASSY, Bio (See Fig 54 for Bkdn)	REF	

8819700713C

SECTION V
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
40-	A7LB-100021-01	2	TLSA, Integrated, ASTP (See Fig 39 for NHA) S/N 801 thru 809	REF	-01
-1	A7LB-201175-01	3	POCKET ASSY, Scissors	1	
-2	A7LB-201155-01	3	POCKET ASSY, Checklist	1	
-3	A7LB-201156-01	3	POCKET ASSY, Data List	1	
-4	A7LB-106088-01	3	BOOT ASSY, CLA, Left	1	
	A7LB-106088-02	3	BOOT ASSY, CLA, Right	1	
-5	ST14N014-03	3	CORD, Nylon, 1/16 Dia ----*----	AR	
-6	A7LB-101281-01	3	ARM ASSY, Lower, CLA, Left	1	
	A7LB-101281-02	3	ARM ASSY, Lower, CLA, Right (Attaching Parts/Substance)	1	
-7	ST14N014-03	3	CORD, Nylon, 1/16 Dia	AR	
-8	A7LB-104138-01	3	RING, Wrist	1	
-9	ST14N016-01	3	CORE, Yarn	AR	
	ST31N003-01	3	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-10	A7L-201039-01	3	FLANGE, Electrical Conn. Outer (Attaching Parts)	1	
-11	A7L-109000-01	3	SCREW, Machine, Modified ----*----	6	
-12	A7L-201065-01	4	CLAMP, Mounting, UCD	1	
-13	A7L-201066-01	4	RING, Mounting, UCD (Attaching Parts)	1	
-14	AN507C440-4	4	SCREW, Machine, Flat Hd ----*----	5	
-15	A7L-201069-01	4	SPACER, Lanyard Connecting, UCD	1	
-16	AN507C440-8	4	SCREW, Machine, Flat Hd	1	
-17	ST26S377-01	4	NUT, Self-Locking, Micro Size	1	
-18	MS16995-9	4	SCREW, Socket Hd ----*----	1	



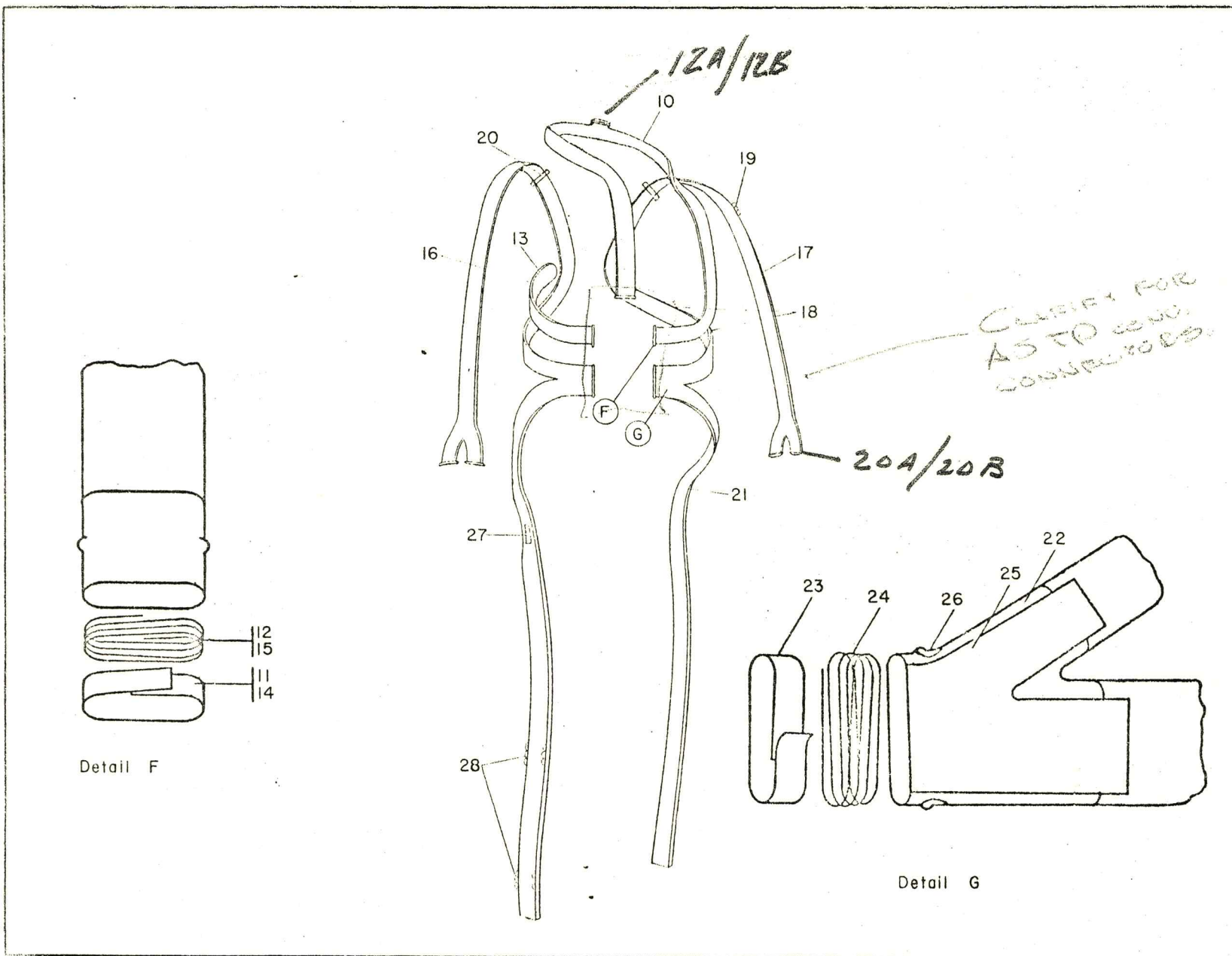


Figure 41 (Sheet 2 of 5) Torso Limb Suit Assembly, ASTP

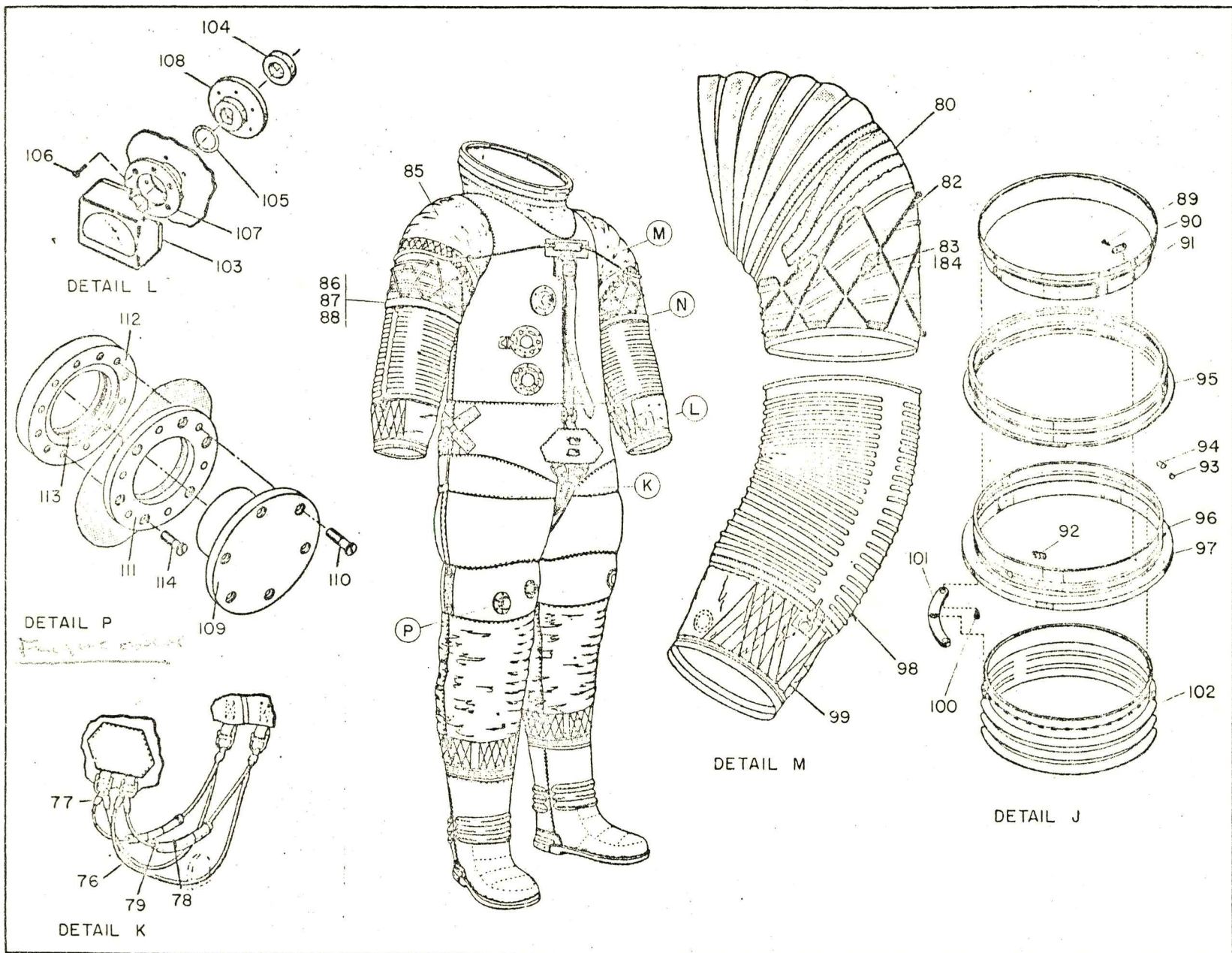


Figure 41 (Sheet 4 of 5) Torso Limb Suit Assembly, ASTP

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
41-	A7LB-100022-01	3	TLSA, ASTP (See Fig 40 for NHA)	REF	-01
-1	A7LB-107033-02	4	LINER ASSY, ASTP (See Fig 26 for Bkdn)	1	
-2	A7LB-109040-02	4	HARNESS, Electrical, Suit (See Fig 53 for Bkdn) ----*----	1	
-3	A6L-101017-02	4	FLANGE, Outer, Electrical Connector	1	
-4	A6L-101016-04	4	FLANGE, Inner, Electrical Connector (Attaching Parts)	1	
-5	MS35249-20	4	SCREW, Machine ----*----	6	
-6	A6L-101022-08	4	GAS CONNECTOR, Lower Right (See Fig 31 for Bkdn) (Attaching Parts/Substance)	1	
-7	AN505C4-7	4	SCREW, Flat Head, Slotted	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-8	A6L-101023-12	4	GAS CONNECTOR, Upper Right (See Fig 30 for Bkdn) (Attaching Parts/Substance)	1	
-9	AN505C4-7	4	SCREW, Flat Head, Slotted	6	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-10	A6L-1C8018-11	4	DUST ASSY, Helmet Vent (Attaching Parts/Substance)	1	
-11	ST13N378-03	4	TAPE, Nylon/Neoprene, Press Sealing	AR	
-12	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	

12A
12B

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
41-13	A6L-108024-05	4	DUCT ASSY, Torso Vent (Attaching Parts/Substance)	1	
-14	ST13N378-03	4	TAPE, Nylon/Neoprene, Press Sealing	AR	
-15	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-16	ST19V090-08	4	TAPE, Fastener, Pile 3 + 1/16 Long	1	
-17	A7LB-1C8036-03	4	DUCT ASSY, Arm Vent, Left	1	
	A7LB-1C8036-04	4	DUCT ASSY, Arm Vent, Right (Attaching Parts)	1	
-18	ST19V090-08	4	TAPE, Fastener, Pile, 3 + 1/16 Long	4	
-19	ST14N014-02	4	CORD, Nylon, 1/16 Dia	AR	
-20	A6L-101004-01	4	FASTENER ASSY, Vent Duct Strip, Arm Vent ----*----	2	
-21	A6L-108032-07	4	CHANNEL ASSY, Leg Vent, Left	1	
	A6L-108032-08	4	CHANNEL ASSY, Leg Vent, Right	1	
-22	A6L-108028-02	4	SLEEVE, Arm and Leg Vent Disconnect (Attaching Parts/Substance)	2	
-23	ST13N378-02	4	TAPE, Nylon/Neoprene, Press Sealing	AR	
-24	ST14N016-01	4	CORE, Yarn	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-25	A7L-1S8003-01	4	REINF, Arm and Leg Disconnect	2	
	A7L-1S8003-02	4	REINF, Arm and Leg Disconnect	2	
-26	A7L-1S8034-01	4	PATCH, Reinforcement (Attaching Substance)	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	

8819700713C

SECTION V
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
41-27	ST19V090-08	4	TAPE, Fastener, Pile, 3 3/4 + 1/4, -0 Long	2	
-28	ST14N014-02	4	CORD, Nylon, 1/16 Dia ----*----	AR	
-29	A7L-101005-01	4	COMPRESSION BAND (Attaching Parts)	1	
-30	A7L-101084-02	4	COVER, Redundant Lock	1	
-31	MS51029-20	4	SCREW, Set	1	
-32	A6L-101088-01	4	SCREW, Locking, Socket Hd	1	
-33	A6L-101049-01	4	RIVET, Solid, Modified	6	
-34	A7L-101009-02	4	BRACKET, Holding, Redundant Lock	1	
-35	A7L-101083-02	4	BRACKET, Redundant Lock ----*----	1	
-36	A6L-101036-13	4	RING ASSY, Neck, Attaching (See Fig 32 for Bkdn)	1	
-37	A7L-101117-01	4	COVER, Shoulder Cable Connector (Attaching Parts)	1	
-38	AN505C6-4	4	SCREW, Flat Hd ----*----	1	
-39	A7L-101116-01	4	BASE PLATE, Shoulder Cable Connector (Attaching Parts/Substance)	1	
-40	A7LB-1S1394-01	4	COVER PATCH, Rivet	2	
-41	A7LB-1S1277-01	4	PATCH, Rivet	2	
-42	ST24S097-06	4	RIVET, Semi-Tubular, Oval Hd	2	
-43	AN960C10L	4	WASHER, Flat	2	
-44	ST24B085-01	4	EYELET, Flanged	2	
-45	AN230WB20	4	WASHER, Eyelet	2	
-46	A6L-101044-01	4	WASHER, Grommet	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	

8819700713C

SECTION V
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
41-47	A6L-1C1056-03	4	CABLE ASSY, Shoulder (Attaching Parts)	1	
-48	A7LB-101216-01	4	SWAGE FITTING, Shoulder	2	
-49	A6L-101024-01	4	SWIVEL, Cable End, Shoulder Restraint	2	
-50	MS171433	4	PIN, Spring	2	
-51	ST16S046-05	4	TUBING, Shrinkable, 3/4 + 1/8, -0 long	2	
-52	ST16S046-06	4	TUBING, Shrinkable, 1 1/4 + 1/8, -0 Long ---*---	2	
-53	A7L-104074-01	4	RING AND CABLE GUIDE ASSY, Shoulder (Attaching Parts/Substance)	2	
-54	ST14N014-02	4	CORD, Nylon, 1/16 Dia ----*----	AR	
-55	A6L-101015-01	4	GUIDE ASSY, Rear Cable (Attaching Parts/Substance)	2	
-56	A7L-1S1011-02	4	PATCH, Back, Shoulder Cable Rivet Cover	2	
-57	A7L-1S1010-01	4	PATCH, Back, Shoulder Cable Rivet	2	
-58	ST24S097-06	4	RIVET, Semi-Tubular, Oval Hd	4	
-59	AN960C10L	4	WASHER, Flat	4	
-60	ST24B085-01	4	EYELET, Flanged	4	
-61	AN230WB20	4	WASHER, Eyelet	4	
-62	A6L-101044-01	4	WASHER, Grommet	4	
	ST31N003-01	4	ADHESIVE, Neoprene, Two Part ----*----	AR	
-63	A7L-1Z1013-03	4	THIGH CABLE ASSY, Outer	2	
-64	A7LB-1S1394-01	4	COVER PATCH, Rivet	4	
-65	A7LB-1S8034-01	4	PATCH, Rivet	4	
-66	A6L-101051-01	4	RIVET, Shouldered	2	
-67	ST24S097-06	4	RIVET, Semi-Tubular, Oval Hd	2	

8819700713C

SECTION V
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
41-68	A6L-101052-01	4	WASHER, Cable Pivot	2	
-69	AN960C10L	4	WASHER, Flat	2	
-70	ST24B085-01	4	EYELET, Flanged	4	
-71	AN230WB20	4	WASHER, Eyelet	4	
-72	A6L-101044-01	4	WASHER, Grommet	8	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-73	A7LB-100012-01	4	GUIDE ASSY, Thigh Cable (Attaching Parts/Substance)	2	
-74	A6L-1S1044-01	4	PATCH, Reinf, Side, Thigh Cable Guide	2	
-75	A6L-1S1045-02	4	PATCH, Reinf, Cover, Side, Thigh Cable Guide	2	
	ST15N018-03	4	THREAD, Nylon, Size E	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-76	A7L-1C1012-02	4	CABLE, Crotch and Inner Thigh (Attaching Parts)	2	
-77	A6L-101074-02	4	SLEEVE, 3/32" Cable, Modified, 3/4 + 1/8, -0 Long ----*----	6	
-78	A7LB-100013-01	4	GUIDE ASSY, Crotch Cable (Attaching Part)	2	
	ST15N018-03	4	THREAD, Nylon, Size E ----*----	AR	
-79	A6L-105035-01	5	SLEEVE, Crotch Cord, Double End	2	
-80	A7LB-104086-11	4	ARM ASSY, Upper, Left (See Fig 6 for Bkdn)	1	
	A7LB-104086-12	4	ARM ASSY, Upper, Right (See Fig 6 for Bkdn) (Attaching Parts/Substance)	1	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part	AR	
-81	ST13N378-02	4	TAPE, Nylon/Neoprene, Pressure Sealing, 3/4" wide	AR	

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
41-98	A7LB-104085-11	4	ARM ASSY, Lower, Left (See Fig 7 for Bkdn)	1	
	A7LB-104085-12	4	ARM ASSY, Lower, Right (See Fig 7 for Bkdn)	1	
-99	ST14N014-02	5	CORD, Nylon, 1/16 Dia (Attaching Parts/Substance)	AR	
-100	A7L-109000-02	4	SCREW, Modified	8	
-101	A7LB-104093-02	4	BRACKET, Cable Retention	4	
-102	ST13N227-01	4	TAPE, Loop, 6 3/4 + 1/8 Long	4	
	ST15N017-02	4	THREAD, Nylon, Size B	AR	
	ST12N151-01	4	CLOTH, Ripstop, Nylon, Neoprene Coated	AR	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-103	A6L-104025-04	4	GAGE, Pressure, Dial Indicating (Attaching Parts)	1	
-104	A6L-104033-01	4	NUT, Gage	1	
-105	MS90201-017	4	"O" RING	1	
-106	MS35249-20	4	SCREW, Machine, Flat Hd	6	
-107	A6L-104034-01	4	RING, Back	1	
-108	A6L-104035-01	4	MOUNT, Gage	1	
	ST31S009-01	4	ADHESIVE, Sealant, Non-Slip ----*----	AR	
-109	A7L-104005-01	4	PLUG, Pressure Relief Valve (Attaching Parts)	1	
-110	MS35233-15	4	SCREW, Machine ----*----	6	
-111	A7L-104005-02	4	RING, Mounting, Pressure Relief Valve	1	
-112	A7L-104005-03	4	RING, Clamping, Pressure Relief Valve	1	
-113	A7L-104005-04	4	"O" RING (Attaching Parts/Substance)	1	

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
41-122	A7L-1S1116-01	4	PATCH, Scuff, Torso, Lower Back, Left	1	
	A7L-1S1116-02	4	PATCH, Scuff, Torso, Lower Back, Right	1	
-123	A7LB-1S1393-01	4	PATCH, Reinf, Torso Dart (Attaching Substance)	2	
	ST31N003-01	4	ADHESIVE, Neoprene, Two-Part ----*----	AR	
-124	A7L-101099-01	4	STRAP ASSY, Front Torso, Adjustable	1	
-125	A7L-101061-01	4	BUCKLE AND PLSS ATTACHMENT, Upper	1	
-126	MS35233-16	5	SCREW, Machine, Pan Hd, Cres	4	
-127	A7L-101059-01	5	BUSHING, PLSS Attach, Upper	2	
-128	A7L-101058-01	5	BUSHING, Modified PLSS Attach, Upper	2	
-129	A7L-101057-01	5	BRACKET ASSY, PLSS Attach, Upper	1	
-130	MS35233-13	5	SCREW, Machine, Pan Hd, Cres	2	
-131	A6L-101055-01	5	PLATE, Side, Buckle, Upper	2	
-132	A6L-101066-01	5	CLEAT, Upper Torso Buckle	1	
-133	A6L-101028-01	5	SHAFT, Latch	1	
-134	A6L-101056-01	5	SPRING, Torsion	1	
-135	A6L-101037-01	5	ROLLER, Sleeve, Large	1	
-136	A6L-101039-01	5	ROLLER, Sleeve, Small	1	
-137	A6L-101064-01	5	SPACER, Upper Torso Buckle	2	
-138	A6L-101054-01	5	SPACER	1	
-139	A6L-101060-01	5	SHAFT, PLSS Attach, Upper ----*----	1	
-140	A6L-101059-02	4	BUCKLE ASSY, Lower Torso	1	
-141	MS35233-13	5	SCREW, Machine, Pan Hd	4	
-142	A6L-101115-01	5	PLATE, Side, Lower Torso Buckle	2	
-143	A6L-101064-01	5	SPACER, Upper Torso Buckle	2	

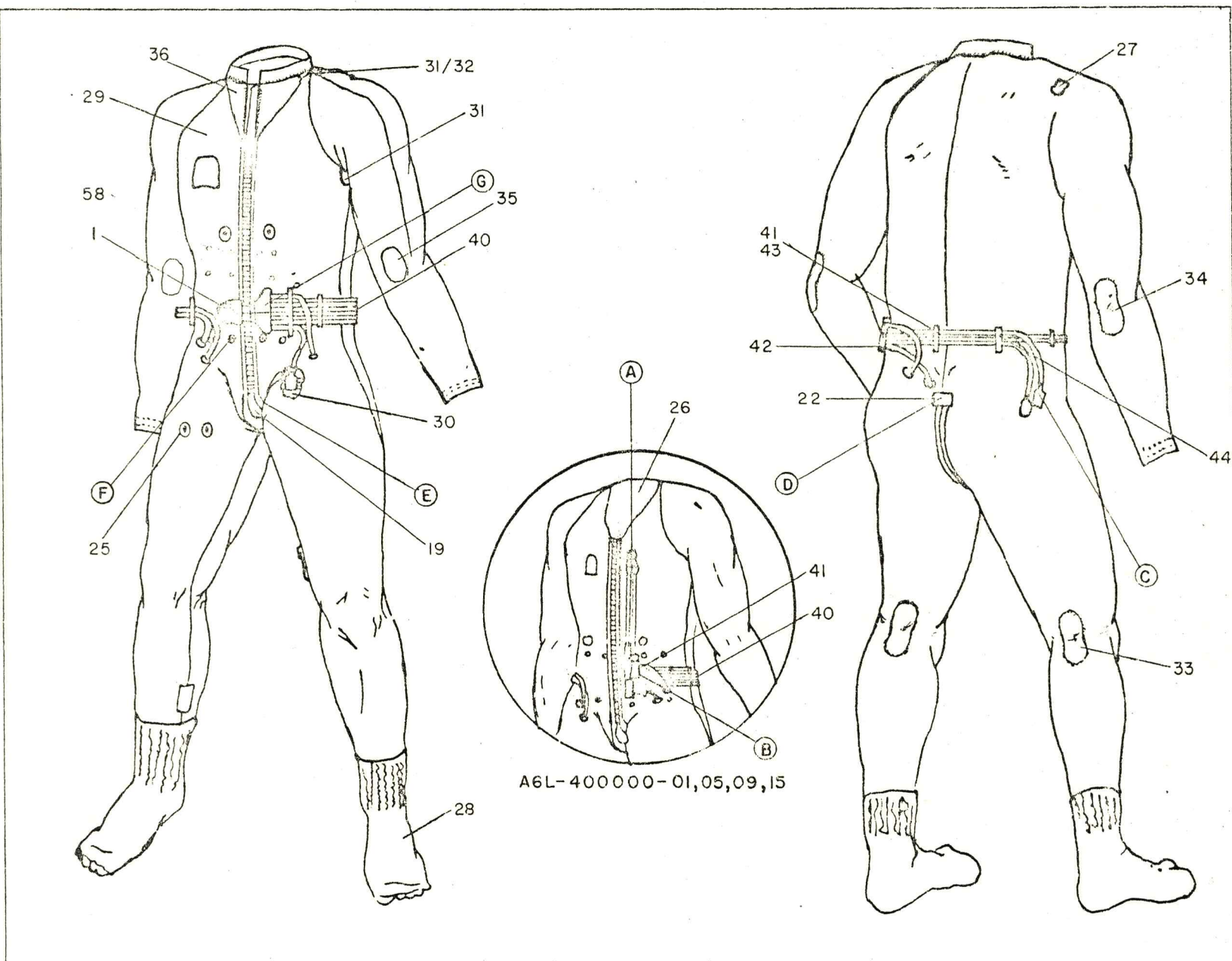


Figure 43 (Sheet 1 of 2) Liquid Cooling Garment Assembly

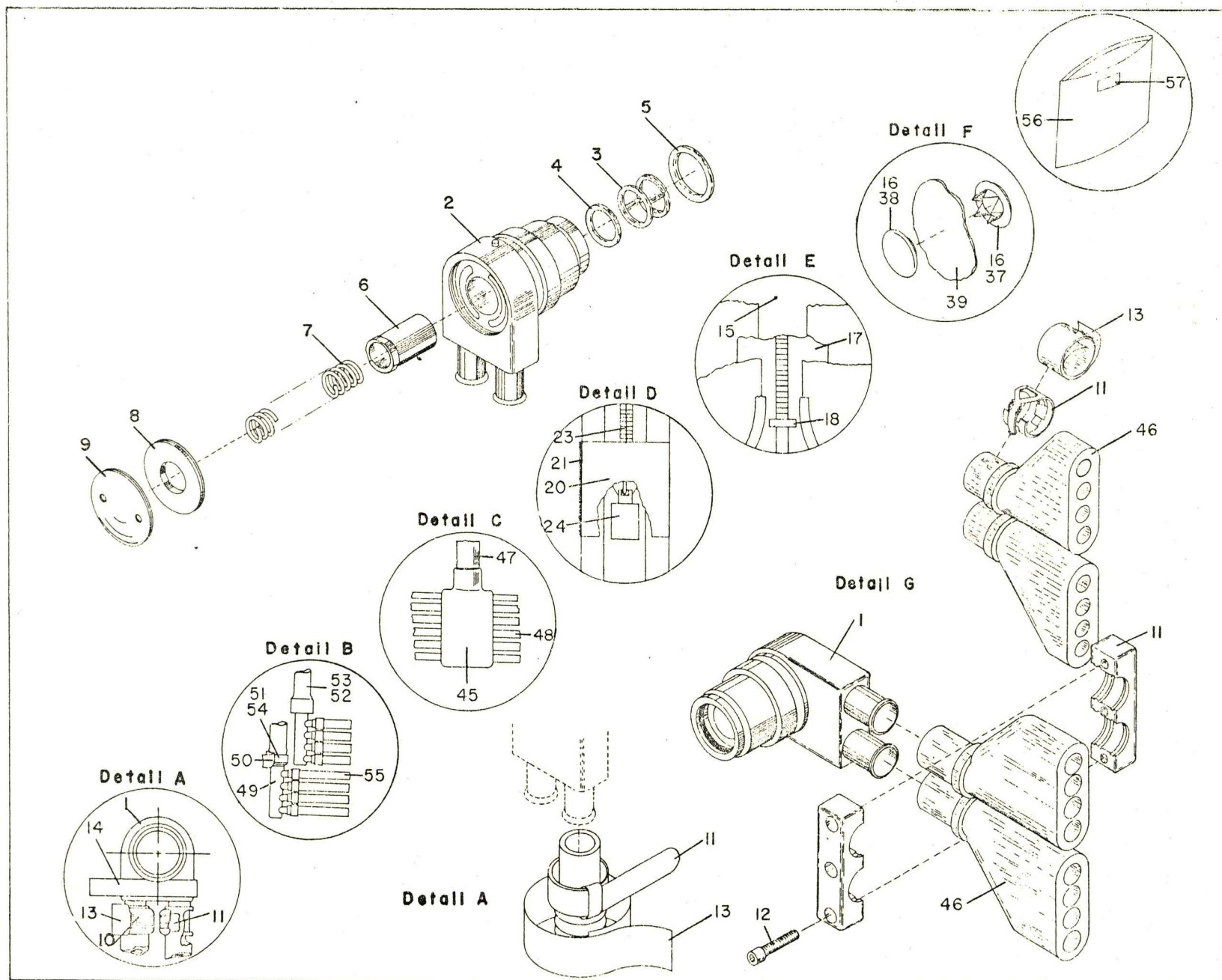


Figure 43 (Sheet 2 of 2) Liquid Cooling Garment Assembly

Fig. 8 Index	Part Number	Level	Description	Qty Assy	Useable on Code
43-	A6L-400000-01	1	LIQUID COOLING GARMENT ASSY (S/N 001 thru 007, 010, 011, 014, 015, 017, 018, 020 thru 026, 028 thru 031, 035, 038, 041 thru 044)	REF	-01
	A6L-400000-05	1	LIQUID COOLING GARMENT ASSY (S/N 016, 034, 037)	REF	-05
	A6L-400000-09	1	LIQUID COOLING GARMENT ASSY (S/N 047, 048, 056, 059, 060, 082, 083)	REF	-09
	A6L-400000-12	1	LIQUID COOLING GARMENT ASSY (S/N 080, 084, 085, 086, 089, 094, 095, 096, 107)	REF	-12
	A6L-400000-13	1	LIQUID COOLING GARMENT ASSY (S/N 046, 049, 051, 053 thru 055, 061, 065, 067, 069, 090, 091, 093, 105)	REF	-13
	A6L-400000-15	1	LIQUID COOLING GARMENT ASSY (S/N 068, 075, 101, 109)	REF	-15
	A6L-400000-16	1	LIQUID COOLING GARMENT ASSY (S/N 111, 113, 119, 121 thru 129, 131, 132, 137)	REF	-16
	A6L-400000-18	1	LIQUID COOLING GARMENT ASSY (S/N 087, 088, 102, 103)	REF	-18
	A6L-400000-19	1	LIQUID COOLING GARMENT ASSY (S/N 151 thru 157, 176, 177, 178)	REF	-19
	A6L-400000-20	1	LIQUID COOLING GARMENT ASSY (S/N 138)	REF	-20
	A6L-400000-22	1	LIQUID COOLING GARMENT ASSY (S/N 158 thru 175, 179 thru 199)	REF	-22

881970073C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
43-1	SV710832	2	CONNECTOR ASSY, LCG, Multiple Water (GFE)	1	-01
	A7L-101037-01	2	CONNECTOR ASSY, LCG, Multiple Water	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-2	AL2427	3	HOUSING, Sub-Assembly	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-3	AL2409	3	SEAL, Special (Radial)	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-4	AL6016-1	3	"O" RING	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-5	AL6102-1	3	"O" RING	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-6	AL2410	3	PLUNGER	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-7	AL7084	3	SPRING, Compression	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-8	AL2411	3	SEAL, Special (Compression)	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-9	AL2412	3	CAP (Attaching Parts/Substance)	1	-05,-09,-12,-13,-15, -16,-18,-19,-20,-22
-10	A6L-401008-01	2	COVER, Hose Clamp	2	-01,-05,-09
-11	A6L-401009-01	2	CLAMP, Hose, Modified	2	-01,-05,-09
	A6L-401009-03	2	CLAMP, Hose, Modified	2	-12
	A6L-401009-04	2	CLAMP, Hose, Modified	2	-13
	A6L-401042-01	2	CLAMP, Band Type	2	-15
	A6L-401043-01	2	CLAMP, 2 Piece Multi Water Connector	1	-16,-18,-19,-20,-22
	ST31T048-01	2	ADHESIVE, Modified PVC	AR	
	ST31S394-01	2	ADHESIVE, Silicone	AR	
	ST43S395-01	2	PRIMER	AR	
-12	MS16995-11	3	SCREW, Socket Head	3	-16,-18,-19,-20,-22
-13	ST13F388-01	2	TAPE, Fluorolin, Pressure Sensitive	AR	-12,-13,-15
-14	A6L-401004-01	2	RETAINER LOOP, Connector ----*----	1	-09,-12,-13,-15

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
43-15	A6L-401003-01	2	FLAP ASSY, Slide Fastener, Front	1	-01,-05
	A6L-401013-01	2	FLAP ASSY, Slide Fastener, Front (Attaching Parts)	1	-09,-12,-13,-15,-18
-16	ST29S073-01	2	FASTENER, Snap, Long Prong	2	-01,-05
	ST29S072-01	2	FASTENER, Snap, Socket	2	-01,-05
	ST15C058-01	2	THREAD, Cotton, 2 Cord ---*---	AR	
-17	A6L-4Z1014-01	2	SLIDE FASTENER ASSY, LCG	1	-01,-05
	A6L-4Z1017-02	2	SLIDE FASTENER ASSY, LCG, Front (Attaching Parts)	1	-09,-12,-13,-15,-16, -18,-19,-20,-22
-18	ST29A322-03	2	STOP, Bottom, Slide Fastener	1	-01,-05
	ST15C006-01	2	THREAD, Cotton, Mercerized, 3 Ply	AR	
	ST15C058-01	2	THREAD, Cotton, 2 Cord ---*---	AR	
-19	A6L-401048-01	2	INSERT ASSY, Fly (FOI) (Attaching Part)	1	-19,-22
	ST15N017-01	2	THREAD, Nylon	AR	-19,-22
-20	A6L-401012-01	2	FLAP ASSY, Slide Fastener, Rear	1	-09,-12,-13,-15,-16, -18,-19,-20,-22
-21	A6L-400000-03	2	FASTENER TAPE, Pile (ST19V091- 02) 5/8" wide x 2-1/4" $\pm$ 1/16" long	1	-09,-12,-13,-15,-18
-22	A6L-4S1024-01	2	REINFORCEMENT, Stiffener Strip ---*---	2	-09,-12,-13,-15,-16, -18,-19,-20,-22
-23	A6L-4Z1017-01	2	SLIDE FASTENER, Rear (Attaching Part)	1	-09,-12,-13,-15,-16, -18,-19,-20,-22
	ST15C006-01	2	THREAD, Cotton, Mercerized, 3 Ply	AR	
	ST15C058-01	2	THREAD, Cotton, 2 Cord	AR	

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION VI

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
43-24	A6L-400000-06	2	LANYARD, 1" $\pm$ 1/16" wide x 4" $\pm$ 1/16" long ----*----	1	-09,-12,-13,-15,-18
-25	ST17V057-01	2	FILM, PVC (Location Field Optional) (Attaching Substance)	1	-16,-18,-19,-20,-22
-26	ST31T048-01	2	ADHESIVE, Modified, PVC	AR	-16,-18,-19,-20,-22
	A6L-402000-01	2	LINER ASSY, LCG	1	-01,-05
	A6L-402000-04	2	LINER ASSY, LCG	1	-09
	A6L-402000-06	2	LINER ASSY, LCG	1	-12,-13,-15
	A6L-402000-09	2	LINER ASSY, LCG	1	-16,-18
	A6L-402000-10	2	LINER ASSY, LCG	1	-19
	A6L-402000-11	2	LINER ASSY, LCG	1	-20
	A6L-402000-12	2	LINER ASSY, LCG (Attaching Part)	1	-22
	ST15C006-01	2	THREAD, Cotton, Mercerized, 3 Ply ----*----	AR	
-27	A6L-401045-01	3	INSERT, Shoulder, Left	1	-16,-18,-19,-20,-22
	A6L-401045-02	3	INSERT, Shoulder, Right (Attaching Part)	1	-16,-18,-19,-20,-22
	ST15N017-01	3	THREAD, Nylon, Size B ----*----	AR	-16,-18,-19,-20,-22
-28	A6L-4Z1015-01	2	SOCK, LCG (Attaching Part)	2	
	ST15C006-01	2	THREAD, Cotton, Mercerized, 3 Ply	AR	
	ST15N047-01	2	THREAD, Stretch Nylon ----*----	AR	
-29	A6L-401000-01	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-01,-05
	A6L-401000-05	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-09
	A6L-401000-06	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-12,-13

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
43-29 (Cont)	A6L-401000-08	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-15
	A6L-401000-12	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-18
	A6L-401000-13	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-16
	A6L-401000-14	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-19
	A6L-401000-15	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-20
	A6L-401000-16	2	OUTER RESTRAINT GARMENT ASSY, LCG	1	-22
-30	----*----				
	A6L-401016-01	2	PAD ASSY, Comfort, Hip, LCG, Left (FOI)	AR	
	A6L-401016-02	2	PAD ASSY, Comfort, Hip, LCG Right (FOI)	AR	
	A6L-401016-04	2	PAD ASSY, Comfort, Hip, LCG Right (FOI)	AR	
	A6L-401016-05	2	PAD ASSY, Comfort, Hip, LCG, Left (FOI)	AR	
-31	A6L-401017-01	2	PAD, Comfort, Shoulder, LCG (FOI) (Attaching Part)	AR	
-32	ST15C058-01	2	THREAD, Cotton, 2 Cord	AR	
	A6L-4S1058-01	2	INSERT, Sleeve, Shoulder (FOI) (Attaching Part)	2	-19,-22
-33	ST15N047-01	2	THREAD, Stretch Nylon	AR	-19,-22
	A6L-401040-01	2	PAD ASSY, Comfort, Knee (FOI)	AR	-16,-18,-19,-20,-22
	A6L-401040-02	2	PAD ASSY, Comfort, Knee (FOI)	AR	-16,-18,-19,-20,-22
-34	ST15C058-01	2	THREAD, Cotton, 2 Cord	AR	
	A6L-401041-01	2	PAD ASSY, Comfort, Arm (FOI)	AR	-16,-18,-19,-20,-22
	A6L-401041-02	2	PAD ASSY, Comfort, Arm (FOI) (Attaching Part)	AR	-16,-18,-19,-20,-22
	ST15C058-01	2	THREAD, Cotton, 2 Cord	AR	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
43-35	A6L-4S1056-01	2	INSERT, Liner, Elbow (FOI) (Attaching Part)	2	-19,-22
	ST15N047-01	2	THREAD, Stretch Nylon	AR	-19,-22
-36	A6L-401044-01	2	COVER ASSY, LCG, Neck (FOI)	1	-16,-18,-19,-20,-22
	ST15C058-01	2	THREAD, Cotton, 2 Cord	AR	
-37	ST29S073-01	3	FASTENER, Snap, Prong, Regular	8	
-38	ST29S072-01	3	FASTENER, Snap, Socket	8	
-39	A6L-4S1010-01	3	REINFORCEMENT PATCH, Snap	8	-01,-05,-18
	A6L-4S1010-01	3	REINFORCEMENT PATCH, Snap	80	-16,-19,-20,-22
	A6L-4S1010-02	3	REINFORCEMENT PATCH, Snap	32	-09,-12,-13,-15,-18
-40	A6L-401007-01	3	MANIFOLD ASSY	1	-01,-05
	A6L-401007-02	3	MANIFOLD ASSY	1	-09
	A6L-401007-04	3	MANIFOLD ASSY	1	-13
	A6L-401007-05	3	MANIFOLD ASSY	1	-16,-18,-19,-20,-22
	A6L-401007-06	3	MANIFOLD ASSY (Attaching Parts)	1	-15
-41	A6L-401004-01	3	LOOP ASSY, Belt	1	-01,-05
	A6L-401004-05	3	LOOP ASSY, Belt	1	-09,-13,-15
-42	A6L-401004-02	3	LOOP ASSY, Belt	2	-01,-05
	A6L-401004-06	3	LOOP ASSY, Belt	2	-09,-12,-13,-15,-16, -18,-19,-20,-22
-43	A6L-401004-03	3	LOOP ASSY, Belt	2	-01,-05
	A6L-401004-07	3	LOOP ASSY, Belt	2	-09,-12,-13,-15,-16, -18,-19,-20,-22
-44	A6L-401004-04	3	LOOP ASSY, Belt	2	-01,-05
	A6L-401004-08	3	LOOP ASSY, Belt (Attaching Part)	2	-09,-12,-13,-15,-16, -18,-19,-20,-22
	ST15C006-01	3	THREAD, Cotton, Mercerized, 3 Ply ---*---	AR	
-45	A6L-401006-01	3	TEE OUTLET, Multiple, Plastic Tubing	8	-01,-05,-09,-12,-13, -16,-19,-20,-22
	A6L-401006-02	3	TEE, Multiple Outlet, Plastic Tubing	8	-15,-18

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION VI

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
43-46	A6L-401029-01	4	FITTING, Molded	2	-16,-18,-19,-20,-22
-47	A6L-401007-03	4	TUBE, Multiple	AR	-16,-18,-19,-20,-22
-48	ST16V045-04	3	PLASTIC TUBING, Flexible, Modified PVC ----*----	AR	
-49	A6L-401005-01	4	ELBOW, 90° Multiple Outlet, Plastic	2	-01,-05,-09
	A6L-401024-02	4	ELBOW, 90° Multiple Outlet, Rigid (Attaching Parts/Substance)	2	-13,-15
-50	ST13F388-01	4	TAPE, Fluorolin, Pressure Sensitive	AR	-13,-15
-51	A6L-401009-04	4	CLAMP, Hose, Modified	2	-13
	A6L-401042-01	4	CLAMP, Band Type	2	-15
-52	A6L-421032-01	4	HOSE, Water	2	-13,-15
-53	ST16V045-04	4	TUBING, Plastic, Flexible, Modified PVC	AR	-01,-05,-09
-54	A6L-401023-04	4	CLAMP, Hose, Modified, Large	8	-12,-13
	A6L-401023-03	4	CLAMP, Hose, Modified, Small	8	-12,-13
-55	A6L-421007-01	4	TUBE, Multiple	1	-01,-05
	A6L-421007-02	4	TUBE, Multiple	1	-09,-12,-13,-15
	ST31T048-01	4	ADHESIVE, Modified PVC ----*----	AR	-01,-05,-09
-56	A6L-401021-01	5	BAG, S/C Stowage LCG, Outer	1	-01,-05,-09
	A6L-401021-02	5	BAG, S/C Stowage, LCG, Inner	1	-01,-05,-09,-12,-13
	A6L-401021-03	5	BAG, S/C Stowage, LCG	1	-12,-13
	A6L-401021-04	5	BAG, S/C Stowage, LCG	1	-15,-16,-18,-19,-20, -22
-57	A6L-401022-01	5	LABEL, Bag, S/C Stowage, LCG	1	-01,-05,-09,-12,-13
	A6L-401022-05	5	LABEL, Bag, S/C Stowage, LCG ----*----	1	-15,-16,-18,-19,-20, -22
-58	ST14N014-03	2	CORD, Nylon, 1/16 Dia	AR	-22

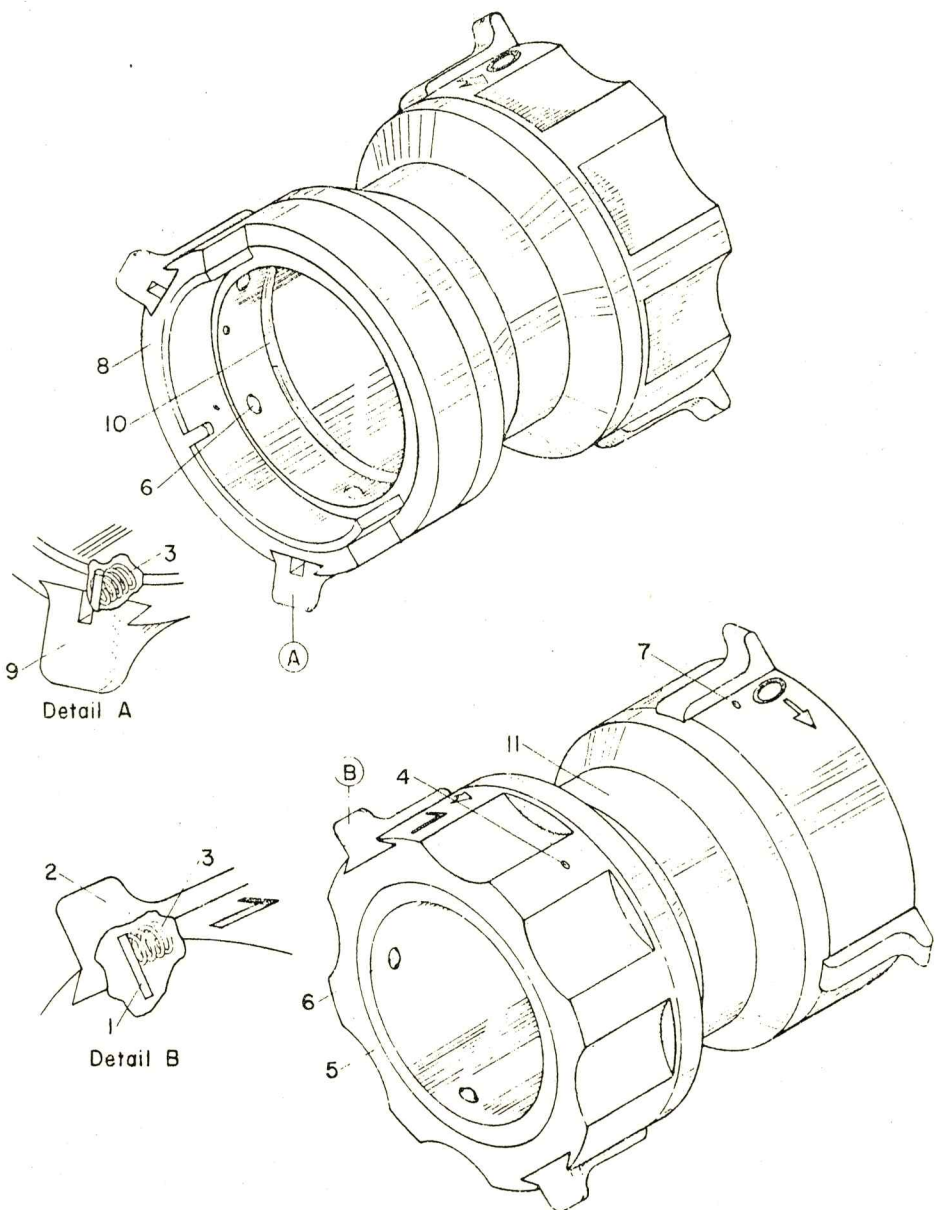


Figure 44 LCG Interconnect Adapter

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
44--	A7LB-109042-02		ADAPTER, Interconnect, LCG	REF	-02
-1	79-012-062-0188		ROLLPIN, 97375	2	
-2	AL2761		LOCK, 97375	2	
-3	AL7037		SPRING, Compression, 97375	4	
-4	79-012-062-0188		ROLLPIN, 97375	3	
-5	AL1902		RING, Locking, 97375	1	
-6	AL8178		BALL, 97375	12	
-7	79-012-062-0218		ROLLPIN, 97375	3	
-8	AL2552		RING, Locking, 97375	1	
-9	AL2888		LOCK, 97375	2	
-10	AL6091-1		"O" RING, 97375	1	
-11	AL21326		HOUSING, 97375	1	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

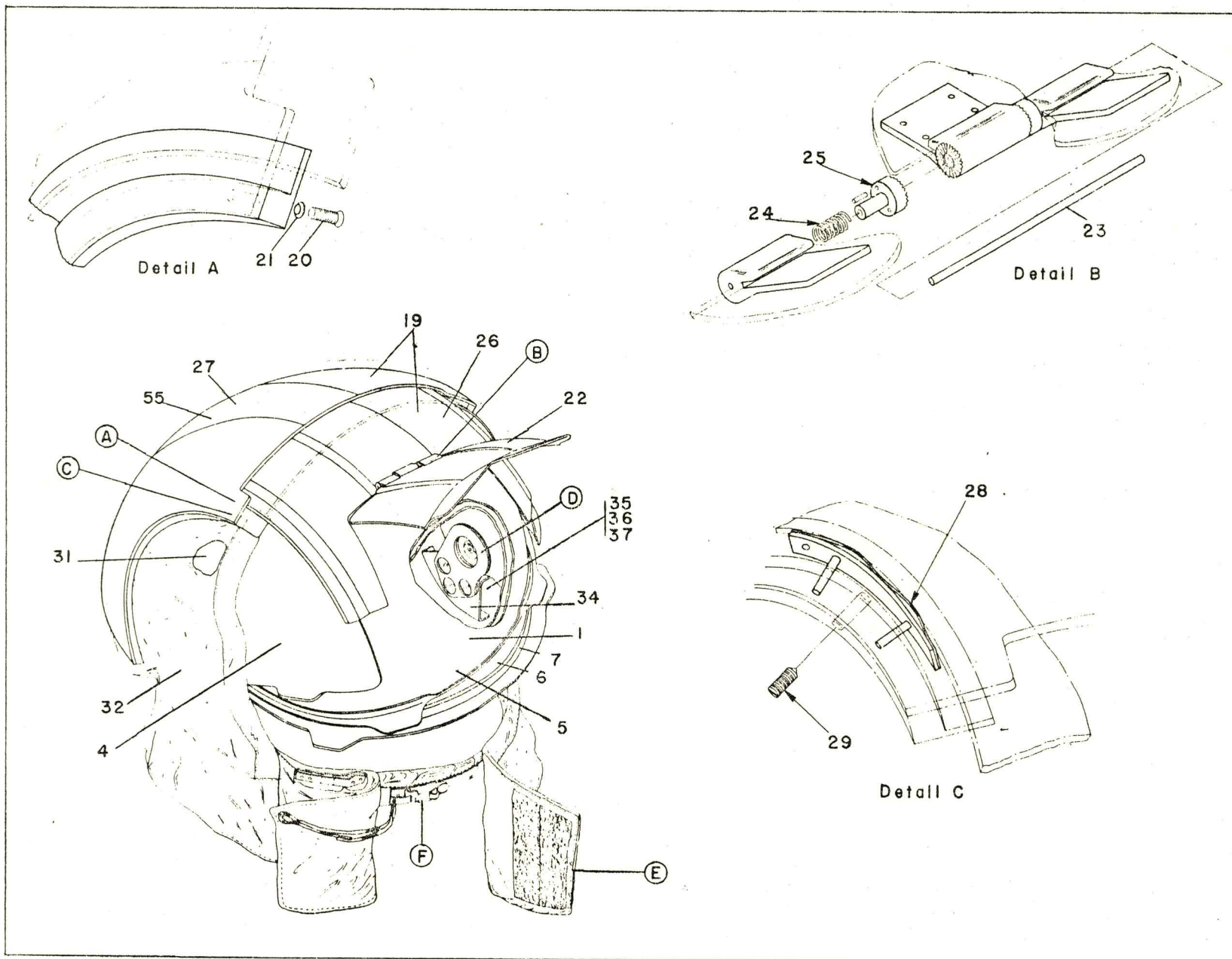


Figure 45 (Sheet 1 of 2) Lunar Extravehicular Visor Assembly

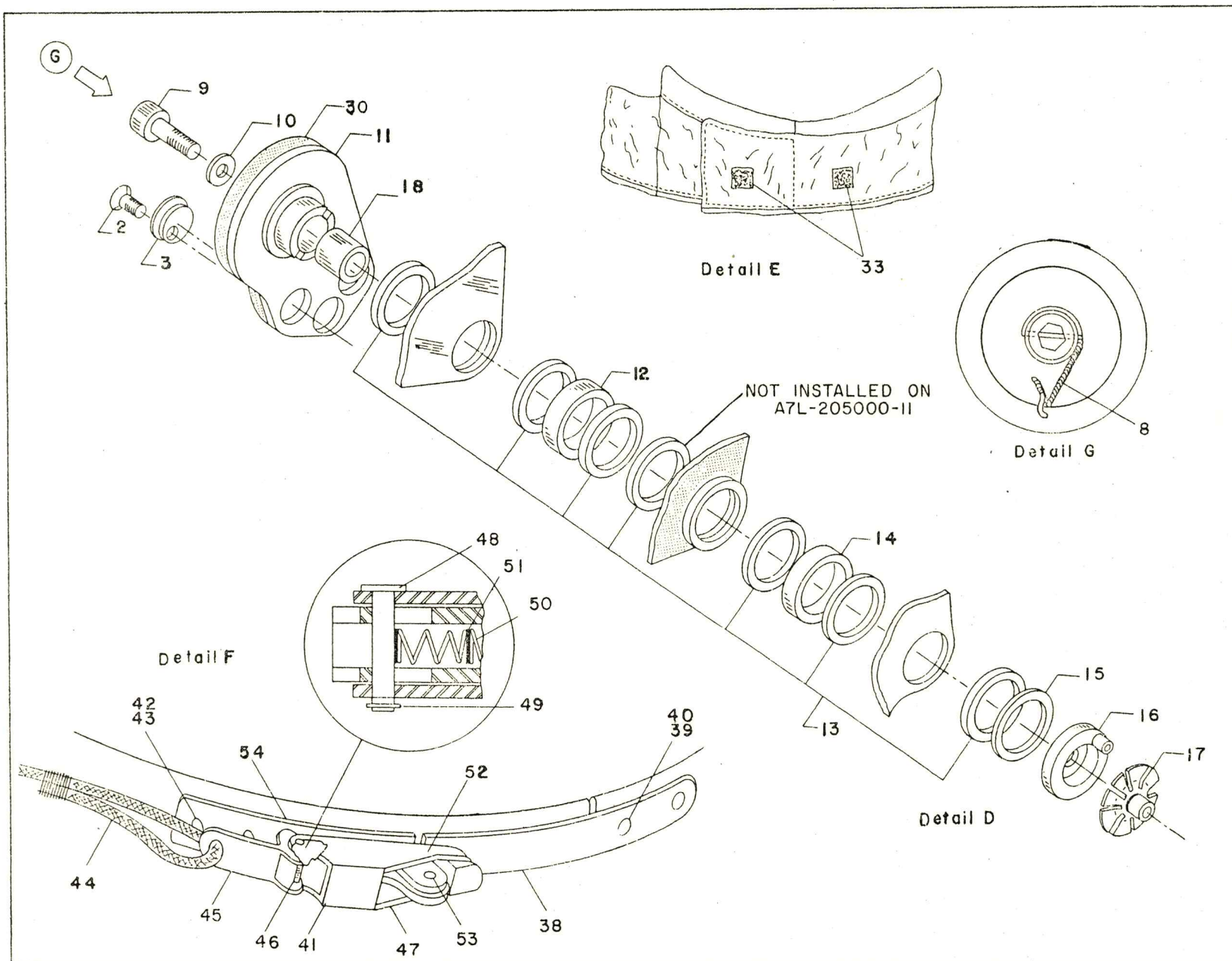


Figure 45 (Sheet 2 of 2) Lunar Extravehicular Visor Assembly

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
45-	A7L-205000-09	1	VISOR ASSY, Extravehicular, Lunar (S/N 022, 023)	REF	-09
	A7L-205000-10	1	VISOR ASSY, Extravehicular, Lunar (S/N 013 and 014)	REF	-10
	A7L-205000-11	1	VISOR ASSY, Extravehicular, Lunar (S/N 017, 024)	REF	-11
-1	A7L-601000-04	2	VISOR ASSY	1	-09,-10
	A7L-205012-01	2	VISOR ASSY (AL 9523) (Attaching Parts)	1	-11
-2	NAS1203-2	2	BOLT	6	-09,-10,-11
-3	A6L-601010-14	3	PLUG, (Cam) ----*----	6	-09,-10,-11
-4	A7L-601300-10	3	EYESHAD E ASSY, LH	1	-09,-10,-11
	A7L-601300-11	3	EYESHAD E ASSY, RH	1	-09,-10,-11
-5	A7L-601200-05	3	VISOR ASSY, Sun	1	-09,-10
	A7L-205011-01	3	VISOR ASSY, Sun (AL 21889)	1	-11
-6	A7L-601100-06	3	VISOR, Protective	1	-09,-10
	A7L-205010-01	3	VISOR, Protective (AL 21883) (Attaching Parts)	1	-11
-7	A7L-205002-02	3	SEAL	1	-09,-10,-11
	ST32R329-01	3	ADHESIVE, Epoxy	AR	
-8	MS20995C20	3	WIRE, Safety	AR	
-9	NAS1351C3H20	3	SCREW, Socket Hd	2	
-10	NAS620C10	3	WASHER	2	
-11	A7L-601010-09	3	HUB ASSY, LH	1	-09,-10,-11
	A7L-601010-10	3	HUB ASSY, RH	1	-09,-10,-11
-12	A7L-601001-04	3	WASHER	2	-09,-10
	A7L-205013-01	3	SPACER (AL 21895)	2	-11
-13	A7L-601001-19	3	WASHER	14	-09,-10
	A7L-601001-19	3	WASHER	12	-11
-14	A7L-601001-02	3	SPACER	2	-09,-10
	A7L-205014-01	3	"D" SPACER (AL 21896)	2	-11
-15	A7L-601001-03	3	WASHER	2	
-16	A7L-601011-01	3	PLATE ASSY	2	

Fig. 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
45-17	A7L-601012-01	3	SPRING ASSY	2	
-18	A7L-601001-01	3	HUB CORE	2	
-19	A7L-205008-01	3	COVER ASSY, Center Eyeshade (Attaching Parts)	1	-09,-10,-11
-20	NAS600-6P	3	SCREW, Pan Hd	8	-09,-10,-11
-21	AN960C4L	3	WASHER, Flat ----*----	8	-09,-10,-11
-22	A7L-602016-01	4	PORT ASSY, View (Attaching Parts)	1	-09,-10,-11
-23	A7L-602009-01	4	PIN, Hinge	1	-09,-10,-11
-24	A7L-602013-01	4	SPRING, Compression	2	-09,-10,-11
-25	A7L-602018-01	4	RATCHET ----*----	2	-09,-10,-11
-26	A7L-602005-01	3	SHADE ASSY, Center	1	-09,-10,-11
-27	A7L-602010-01	4	COVER ASSY, Protective	2	-09,-10,-11
-28	A7L-602014-01	4	SPRING ASSY	2	-09,-10,-11
-29	NAS1081C04A-6	4	SCREW, Set	2	-09,-10,-11
-30	A7L-601013-02	4	CUSHION	2	-09,-10,-11
-31	A7L-602000-05	2	SHELL ASSY	1	-09,-10,-11
-32	A7L-205001-04	3	COVER ASSY	1	-10
	A7L-205001-05	3	COVER ASSY (Attaching Substance)	1	-09,-11
	ST32R329-01	3	ADHESIVE, Epoxy ----*----	AR	
-33	ST19V309-04	4	TAPE, Fastener Pile (Attaching Parts)	2	-09,-10,-11
	ST15N055-01	4	THREAD, Nomex ----*----	AR	-09,-10,-11
-34	A7L-602003-01	3	BRACKET ASSY, LH	1	
	A7L-602003-02	3	BRACKET ASSY, RH (Attaching Parts)	1	
-35	NAS1398B4-3	3	RIVET (4 Rivets on right side and 3 on left side)	7	
-36	NAS1398B4-2	3	RIVET	6	
-37	AN960C4	3	WASHER ----*----	26	

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
45-38	A6L-602210-01	3	CATCH (Attaching Parts)	1	-09,-10,-11
-39	MS20326B4-4	3	RIVET	22	
-40	A6L-602214-03	3	WASHER ----*----	2	
-41	A6L-602203-11	3	LATCH ASSY (Attaching Parts)	1	
-42	MS20426B4-4	3	RIVET	2	
-43	A6L-602214-03	3	WASHER ----*----	2	
-44	A6L-602203-08	4	LANYARD	1	
-45	A6L-602203-02	4	LEVER	1	
-46	MS551923-197	4	PIN, Spirol	1	
-47	A6L-602207-02	4	SPRING	1	
-48	A6L-602203-04	4	PIN	1	
-49	MS16633-4009	4	SNAP RING	1	
-50	MS24585-C68	4	SPRING	2	
-51	A6L-602203-05	4	SPACER	2	
-52	A6L-602203-03	4	DRAWBAR	1	-09,-10,-11
-53	A6L-602203-06	4	SUPPORT	1	
-54	A6L-602203-09	4	SHAFT	1	
-55	ST44E455		COATING, Epoxy, Red (Crew Commander only)	AR	

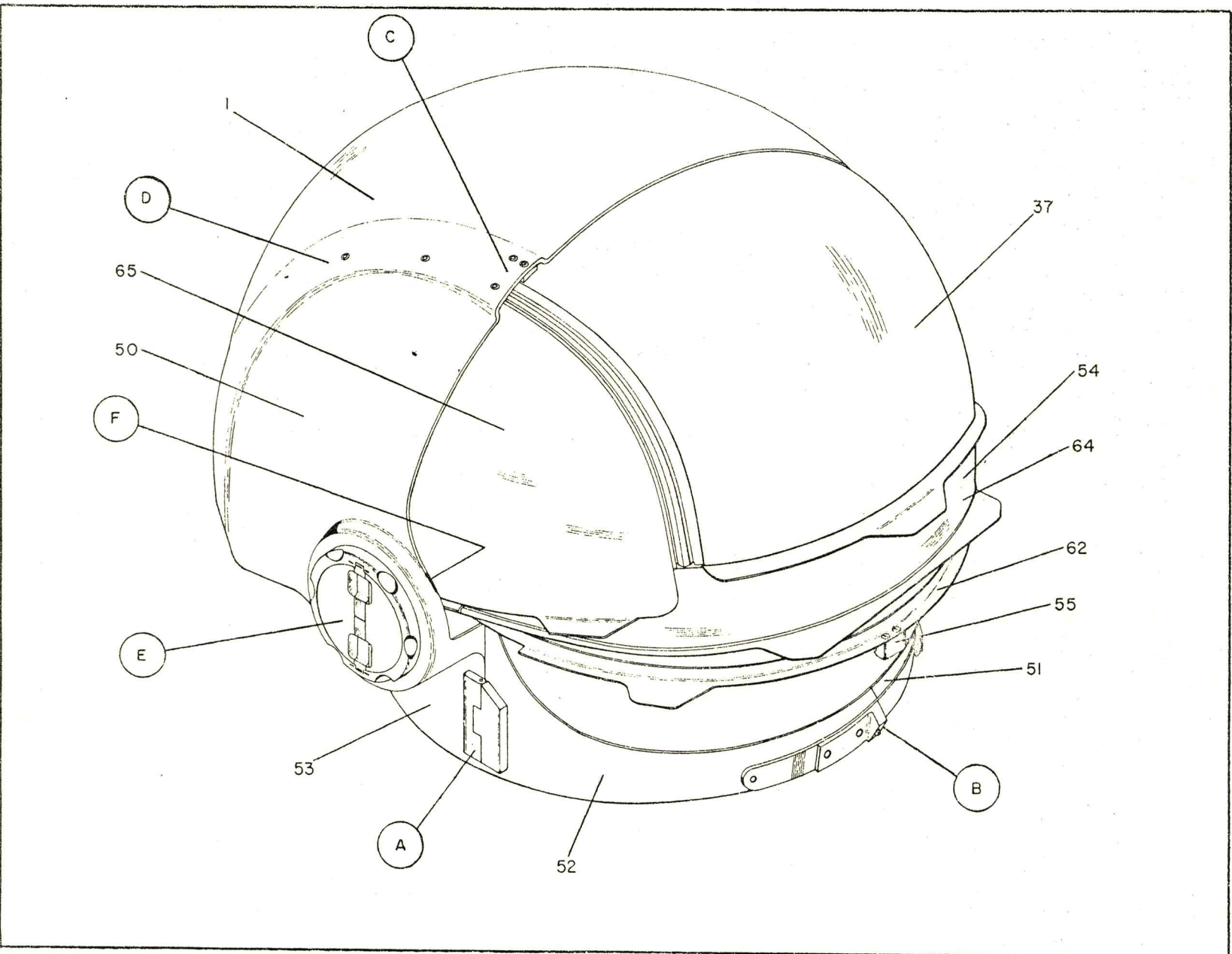


Figure 46 (Sheet 1 of 5) Skylab Extravehicular Visor Assembly

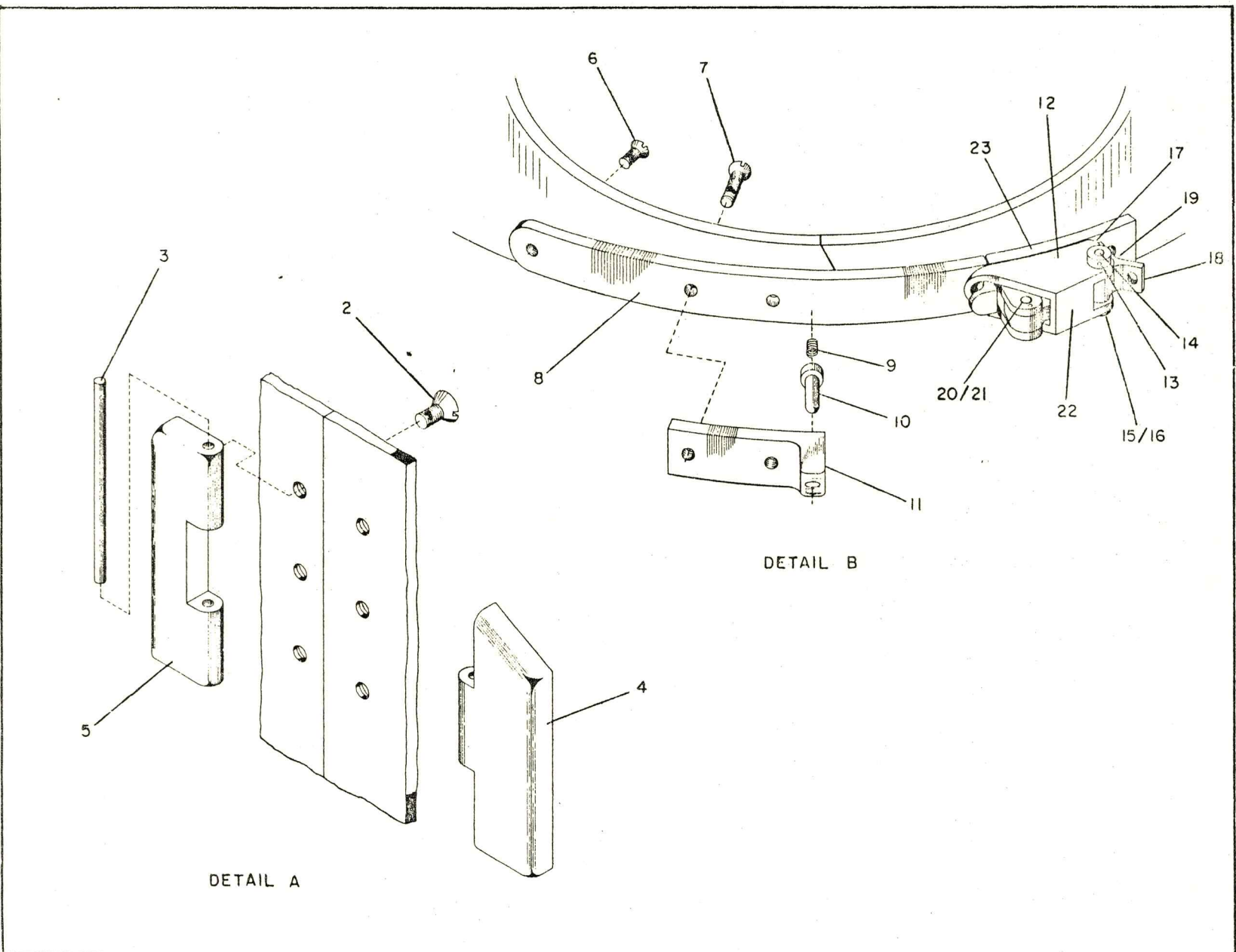
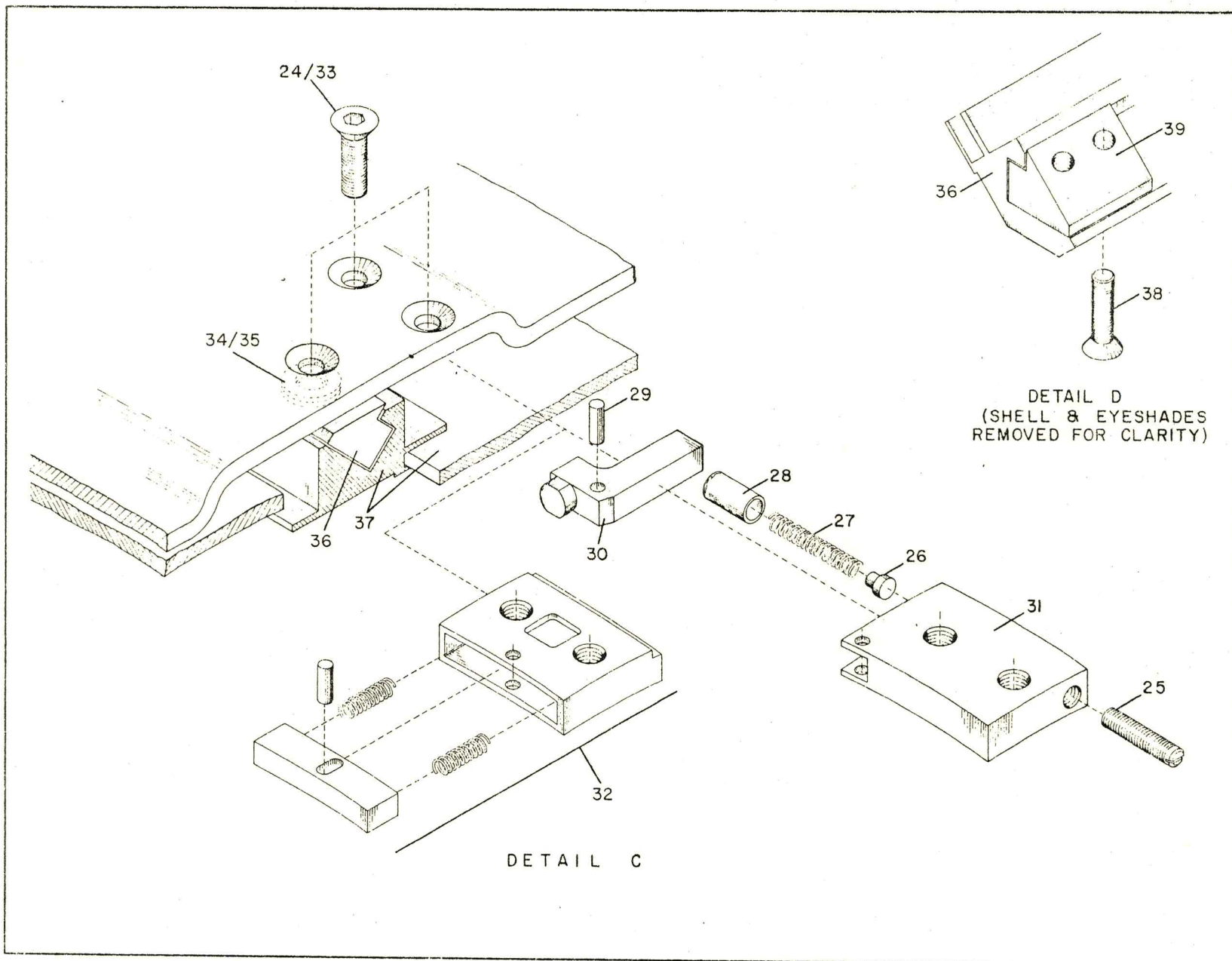
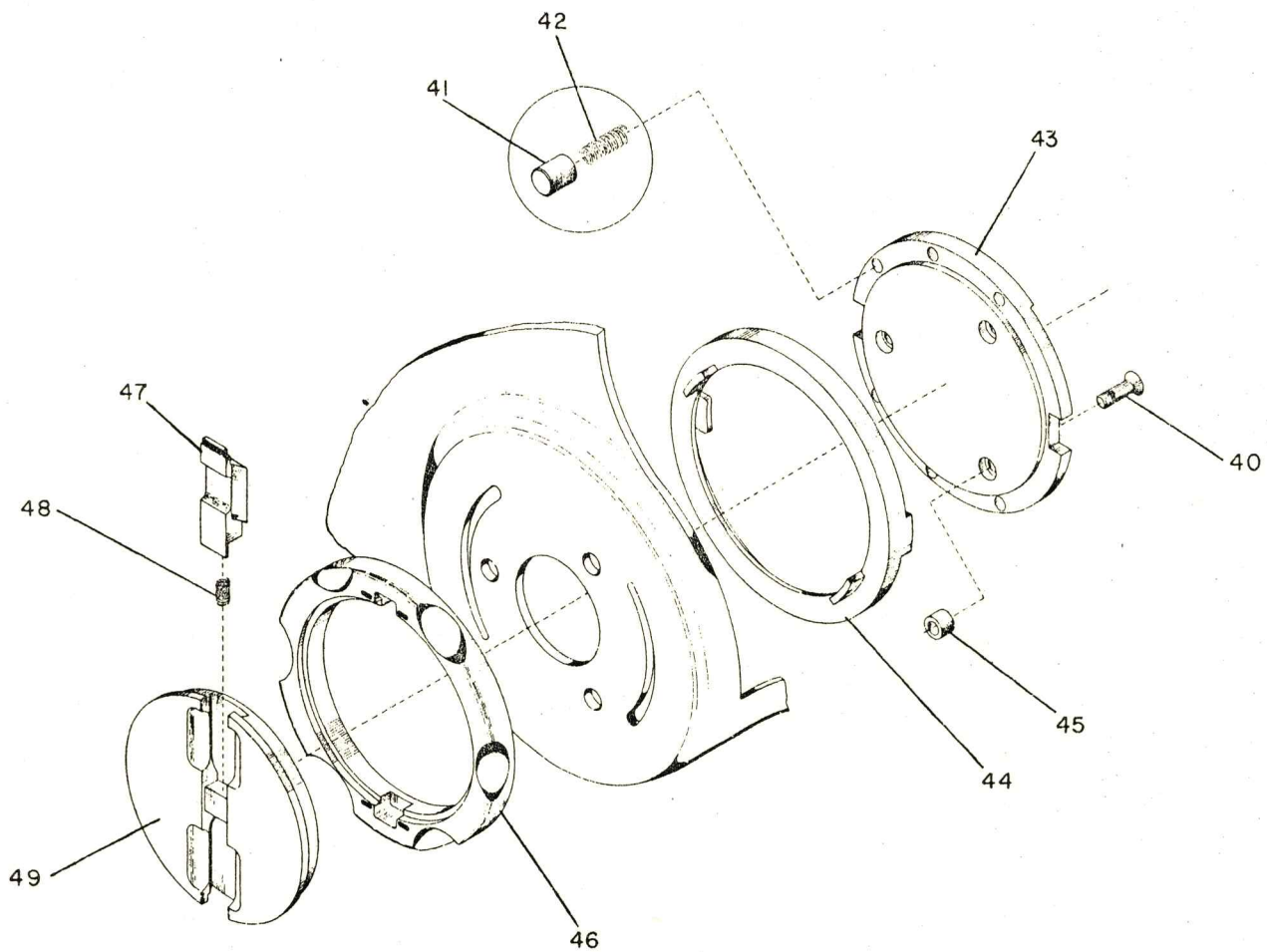


Figure 46 (Sheet 2 of 5) Skylab Extravehicular Visor Assembly





DETAIL E

Figure 46 (Sheet 4 of 5) Skylab Extravehicular Visor Assembly

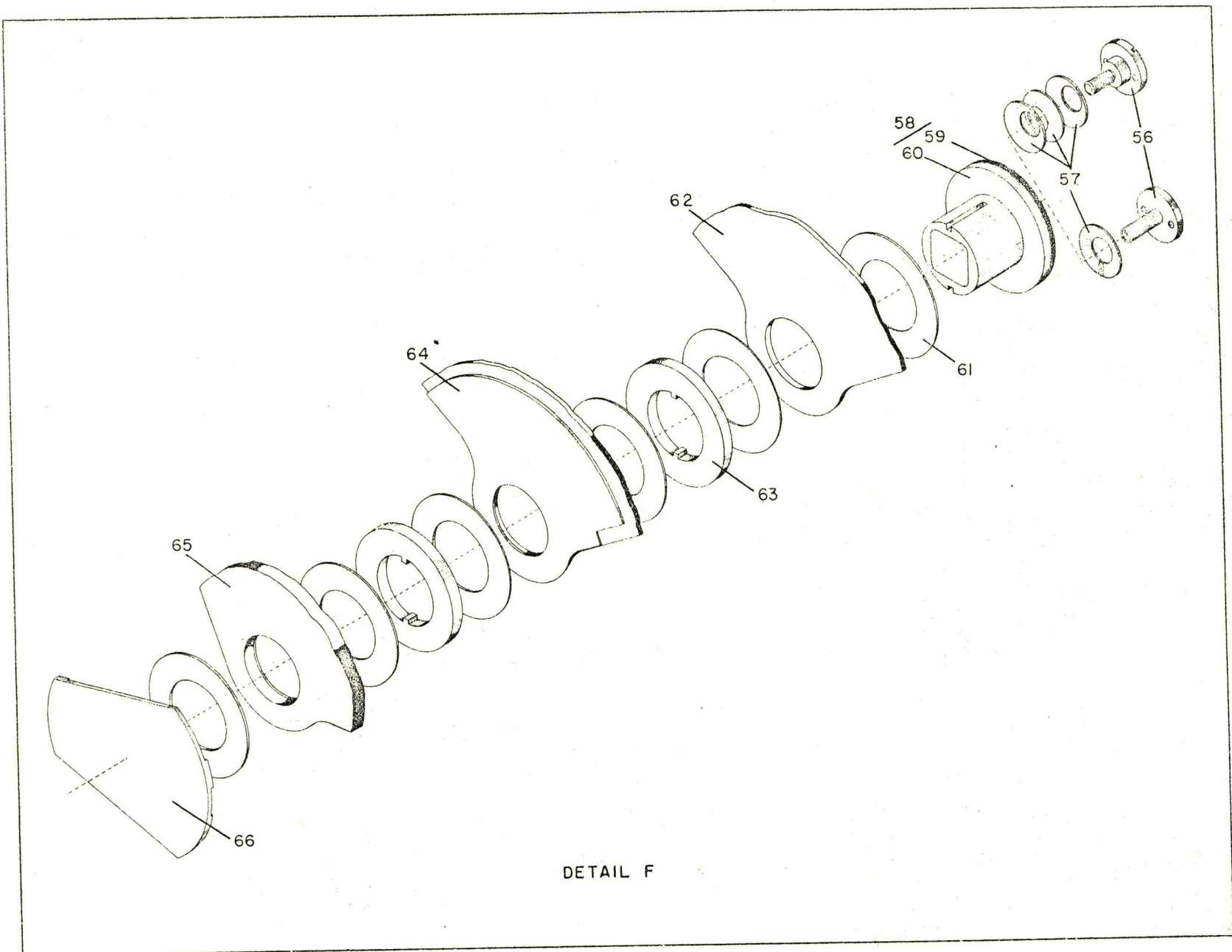


Figure 46 (Sheet 5 of 5) Skylab Extravehicular Visor Assembly

Fig & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
46-	A7LB-509000-01	1	SKYLAB EXTRAVEHICULAR VISOR ASSY (AL9490-01) S/N 602, 603	REF	-01
	A7LB-509000-02	1	SKYLAB EXTRAVEHICULAR VISOR ASSY (AL9490-02) S/N 607	REF	-02
	A7LB-509000-03	1	SKYLAB EXTRAVEHICULAR VISOR ASSY (AL9490-03) S/N 601, 604 thru 606, 608 thru 612)	REF	-03
-1	A7LB-509007-01	2	SHELL ASSY, SEVA (AL9488-01)	1	-01
	A7LB-509007-02	2	SHELL ASSY, SEVA (AL9488-02)	1	-02,-03
-2	AL21673	3	SCREW	12	
-3	AL21740	3	SPIROL PIN	2	
-4	AL21672	3	HINGE, Male, Left	1	
	AL21671	3	HINGE, Male, Right	1	
-5	AL21670	3	HINGE, Female	2	
			---*---		
-6	AL21734	3	SCREW	3	
-7	AL21737	3	SCREW	2	
-8	AL21674	3	CATCH	1	
			---*---		
-9	AL7121	3	SPRING, Compression	1	
-10	AL21696	3	PLUNGER	1	
-11	AL21698	3	HOUSING	1	
			---*---		
-12	AL21676	3	LATCH, Sub-Assy	1	
-13	AL21028	4	COLLAR	1	
-14	AL21032	4	SPIROL PIN	1	
-15	AL21027	4	PIN	1	
-16	AL21030	4	SPRING	1	
-17	AL21031	4	PIN	1	
-18	AL21743	4	BODY	1	
-19	AL21025	4	SPRING	1	
-20	AL21024	4	PIN	1	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
46-21	AL21029	4	SPRING	1	
-22	AL21026	4	LATCH	1	
-23	AL21677	4	CLEVIS	1	
			----*----		
-24	AL21682	3	SCREW	4	
-25	AL21725	3	SCREW	2	-01
-26	AL21724	3	SPRING SEAT	2	-01
-27	AL7089	3	SPRING	2	-01
-28	AL21723	3	SPRING SEAT	2	-01
-29	79-012-062- 0187	3	ROLL PIN	2	-01
-30	AL21700	3	LEVER ASSY	2	-01
-31	AL21694	3	FRICTION HOUSING, LH S/A	1	-01
	AL21692	3	FRICTION HOUSING, RH S/A	1	-01
-32	AL21825	3	FRICTION MECH. ASSY	2	-02,-03
			----*----		
-33	AL21682	3	SCREW	6	
-34	AL2840	3	SPACER	AR	
-35	AL21769	3	SPACER	AR	
-36	AL21680	3	TRACK, LH S/A	1	-01
	AL21678	3	TRACK, RH S/A	1	-01
	AL21680-1	3	TRACK, LH S/A	1	-02,-03
	AL21678-1	3	TRACK, RH S/A	1	-02,-03
			----*----		
-37	AL21683	3	CENTER SHADE S/A	1	
-38	AL21691	3	SCREW	4	
-39	AL21689	3	STOP S/A	2	
			----*----		
-40	AL21148	3	SCREW	6	
-41	AL21714	3	SPRING SEAT	12	
-42	AL7141	3	SPRING	12	
-43	AL21728	3	SLIDE, Female	2	
-44	AL21715	3	BASE	2	
-45	AL21712	3	BUSHING	6	
-46	AL21713	3	LOCK RING	2	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
46-47	AL21716	3	LOCK	4	
-48	AL7121	3	SPRING	4	
-49	AL21711	3	DISK	2	
			----*----		
-50	AL21669	3	SHELL S/A	1	
-51	AL21664-3	4	SHELL, Front, Left	1	
-52	AL21664-4	4	SHELL, Front, Right	1	
-53	AL21664-2	4	SHELL	1	
			----*----		
-54	A7LB-509001-01	2	VISORS ASSY (AL9489-01)	1	-01,-02
	A7LB-509001-02	2	VISORS ASSY (AL9489-02)	1	-03
-55	AL21697	3	LATCH	1	
			(Attaching Part)		
	AL21738	3	SCREW	2	
			----*----		
-56	AL21061	3	TENSIONING SCREW	2	-01,-02
	AL22000	3	TENSIONING SCREW	2	-03
-57	AL21739	3	WASHER	2	-01,-02
	AL21739	3	WASHER	6	-03
-58	AL21719	3	BUSHING S/A	2	-01,-02
	AL21997	3	BUSHING S/A	2	-03
-59	AL21775	4	PAD	1	
-60	AL21720	4	BUSHING	1	
			----*----		
-61	AL21732	3	SPACER	12	-01,-02
	AL22001	3	SPACER	12	-03
-62	AL21666	3	PROTECTIVE VISORS ASSY	1	
-63	AL21722	3	SPACER	4	-01,-02
	AL21996	3	SPACER	4	-03
-64	AL21665	3	SUN VISOR ASSY	1	
-65	AL21710	3	EYESHAD E ASSY, Left	1	
	AL21708	3	EYESHAD E ASSY, Right	1	
-66	AL21717	3	SLIDE, Male, S/A	2	-01,-02
	AL21999	3	SLIDE, Male, S/A	2	-03

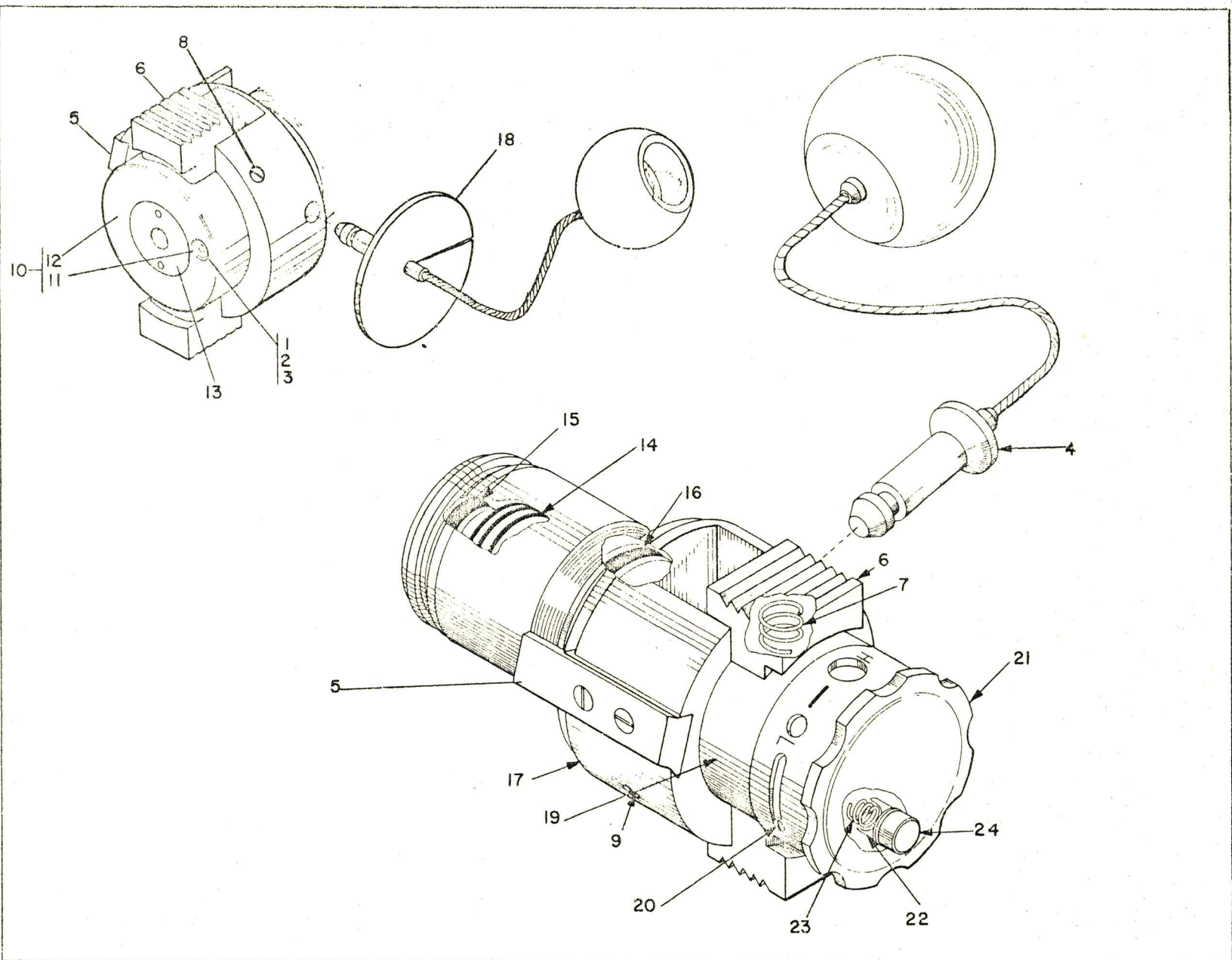


Figure 47 Purge Valve Assembly

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
47-	A6L-505000-03	1	PURGE VALVE ASSY, 97375 (S/N 127, 128, 135, 140, 141, 142, 146, 147, 150, 151, 152, 156, 158 thru 162, 165, 166, 168, 170, 171, 182, thru 191, 195, 196, 203, 206, 207)	REF	-03
	A6L-505000-04	1	PURGE VALVE ASSY, 97375 (S/N 130, 131, 132, 134, 138, 139)	REF	-04
	A6L-505000-05	1	PURGE VALVE ASSY, 97375 (S/N 176, 177, 202)	REF	-05
	A6L-505000-06	1	PURGE VALVE ASSY, 97375 (S/N 181, 197)	REF	-06
	A6L-505000-07	1	PURGE VALVE ASSY, 97375 (S/N 172, 173, 180, 198, 200, 204, 205, 208 thru 210)	REF	-07
-1	AL2760	2	SET SCREW, Hex/Socket, 97375	1	-03,-04
-2	AL7107	2	SPRING, Compression, Detent 97375	1	-03,-04
-3	AL2751	2	DETENT, 97375	1	-03,-04
-4	AL2753	2	PULL PIN ASSY, 97375	1	-03,-04,-05
	AL21644	2	PULL PIN ASSY, 97375	1	-06
	SEB13100382- 301	2	PULL PIN ASSY (GFE)	1	-07
-5	AL2750	2	LOCATOR, 97375	1	
-6	AL2749	2	LOCK, 97375	2	
-7	AL7068	2	SPRING, Compression, 97375	2	
-8	MS35233-13	2	SCREW, Pan Hd, Slotted	2	-03,-04
-9	AL2752	2	RETAINER, Spec. Valve, 97375	2	-05,-06,-07
-10	AL2790	2	VALVE ASSY, 97375	1	-03,-04
-11	MS21209-F1-15	3	HELICOIL INSERT	1	-03,-04
-12	AL2747	3	VALVE, 97375	1	-03,-04

8819700713C

GROUP ASSEMBLY PARTS LIST
SECTION VI

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
47-13	AL2932	2	INSERT, Orifice, 97375	1	-03,-04
-14	AL7106	2	SPRING, Compression, 97375	1	-03,-04,-05,-06
-15	AL6018-1	2	"O" RING, Seal, 97375	1	
-16	AL6008-1	2	"O" RING, Seal, 97375	1	
-17	AL2746	2	HOUSING, 97375	1	-05,-06,-07
-18	AL2980	2	WASHER, 97375	1	-03
-19	AL21227	2	VALVE, Sub-Assy, 97375	1	-05,-06,-07
-20	AL21232	2	RETAINER, 97375	1	-05,-06,-07
-21	AL21384	2	KNOB, 97375	1	-05,-06,-07
-22	AL21230	3	PLUNGER, 97375	1	-05,-06,-07
-23	AL7075	3	SPRING, Compression, 97375	1	-05,-06,-07
-24	AL21229	3	BUTTON, 97375	1	-05,-06,-07

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

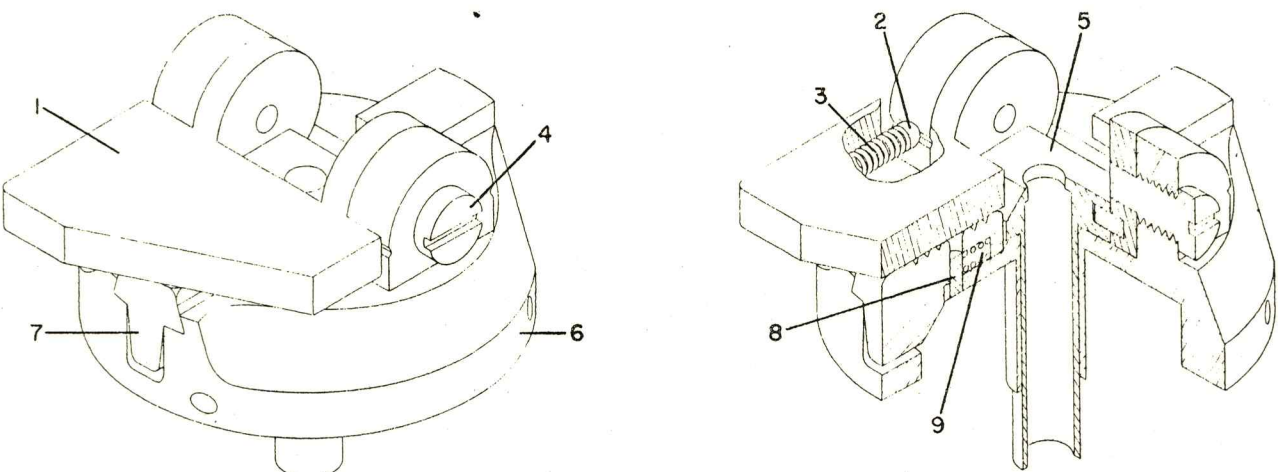


Figure 48 Feedport Mounted Purge Valve

Fig. 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
48-	A7LB-100020-01	4	PURGE VALVE, Feedport Mounted S/N 601 thru 617	REF	-01
-1	AL21978	5	ARM SUBASSEMBLY	1	
-2	AL8000	5	BALL, 1/8 dia	2	
-3	AL7126	5	SPRING, Compression (Attaching Parts)	2	
-4	AL21981	5	SCREW, Pan Hd ----*----	2	
-5	AL21980	5	PROBE	1	
-6	AL21975	5	HOUSING SUBASSEMBLY	1	
-7	AL21977	6	LOCK	1	
-8	AL8347	6	ROLLPIN	1	
-9	AL7037	6	SPRING, Compression	1	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

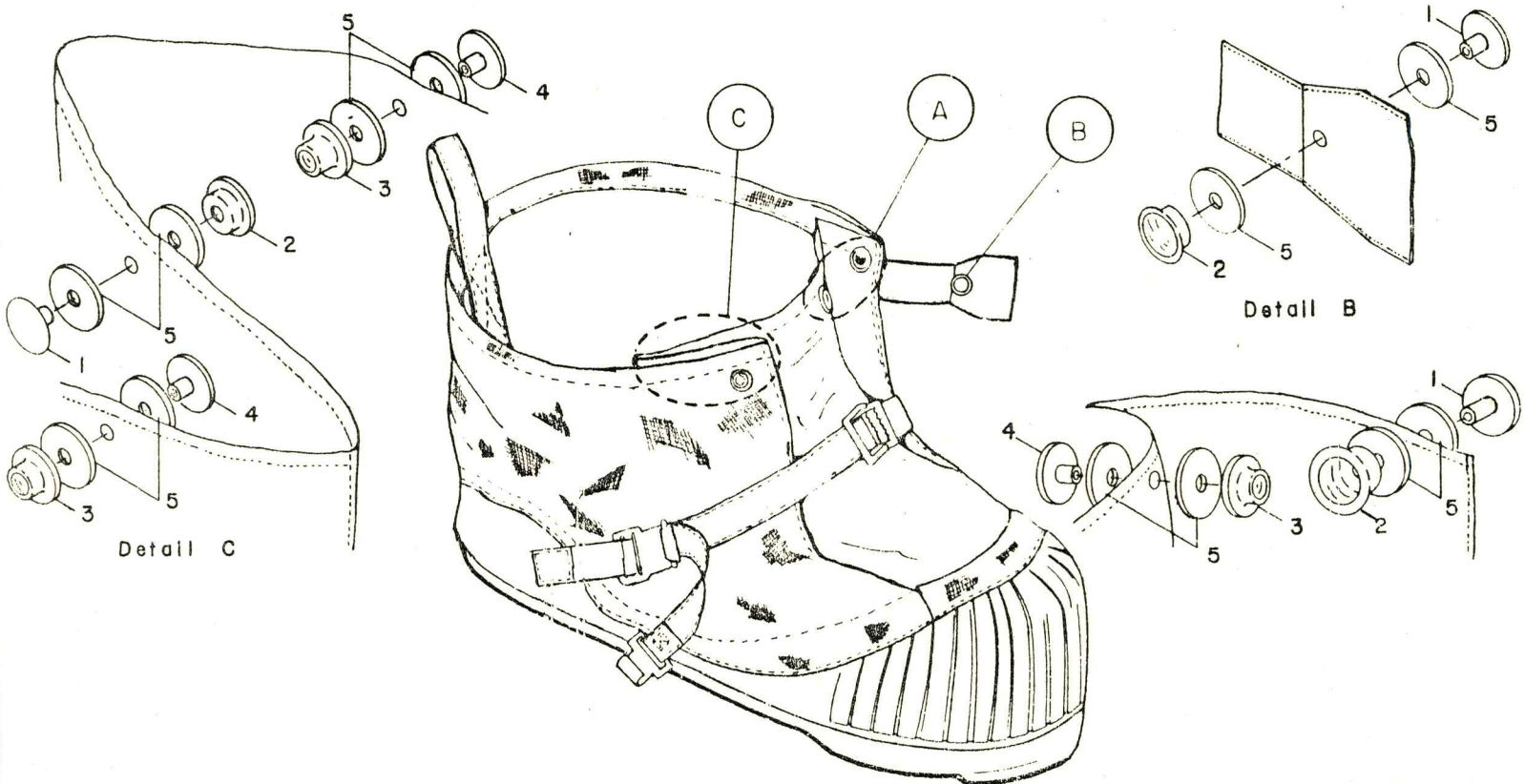


Figure 49 Lunar Boot Assembly

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
49-	A7LB-106062-03	2	LUNAR BOOT ASSY, LH (See Fig 1 for NHA) (S/N 033, 034, 036, 051, 055, 056, 062 thru 071)	REF	-03
	A7LB-106062-04	2	LUNAR BOOT ASSY, RH (See Fig 1 for NHA) (S/N 033, 034, 036, 051, 055, 056, 062 thru 071)	REF	-04
-1	MS27980-1N	4	BUTTON, Snap Fastener	2	
-2	MS27980-6N	4	SOCKET, Snap Fastener	2	
-3	MS27980-7N	4	STUD, Snap Fastener	3	
-4	MS27980-10N	4	EYELET, Snap Fastener	3	
-5	A7L-2S1386-01	4	REINFORCEMENT, 3/4" Dia.	10	

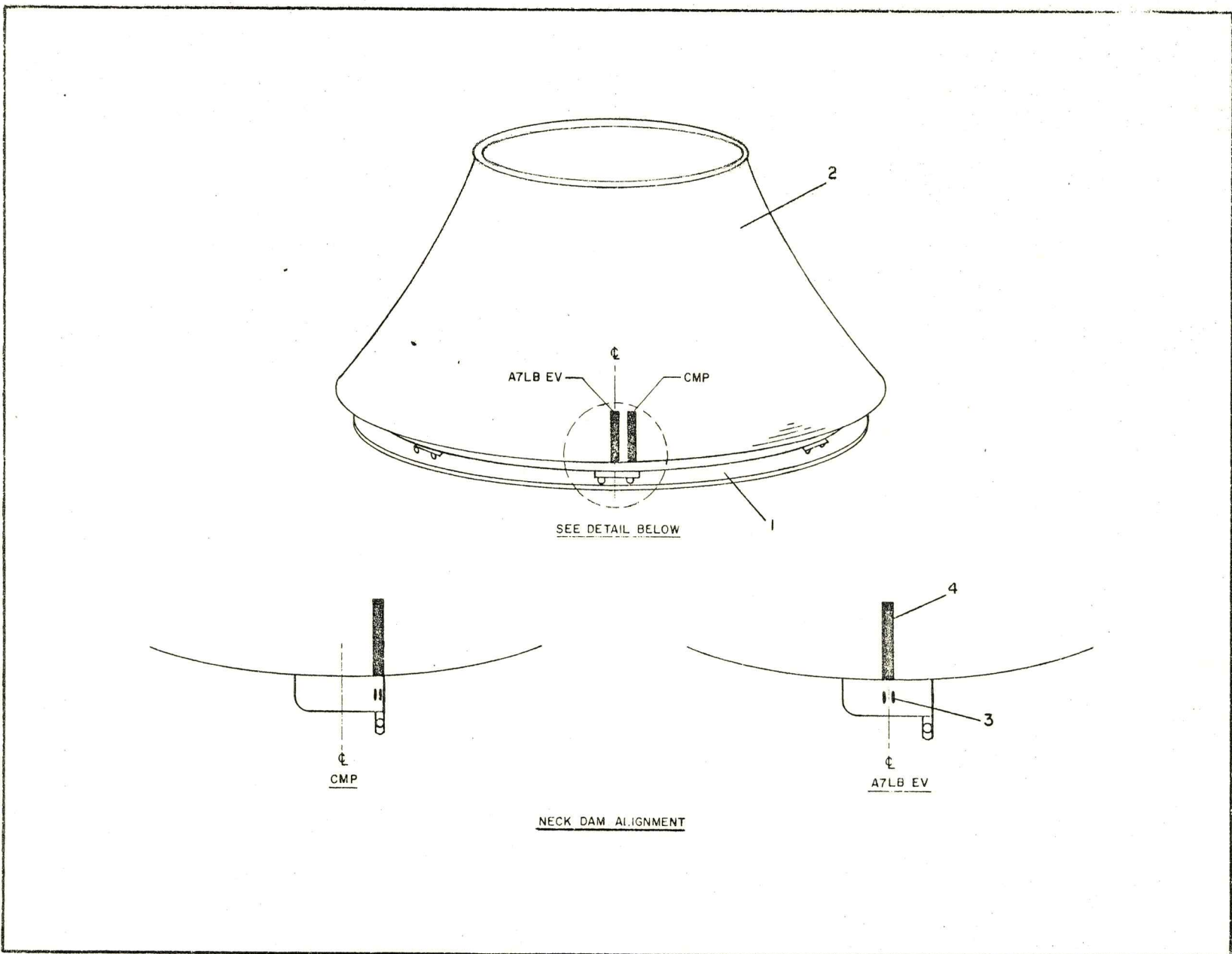


Figure 50 Neck Dam Assembly

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
50-	A7L-101067-03	3	NECK DAM ASSY (See fig 2 or 24 for NHA)	REF	-03
	A7L-101067-05	3	NECK DAM ASSY (See Fig 24 for NHA)	REF	-05
	A7L-101067-06	3	NECK DAM ASSY (See Fig 2 for NHA)	REF	-06
	A7L-101067-07	3	NECK DAM ASSY (See Fig 24 or 40 for NHA)	REF	-07
	A7L-101067-08	3	NECK DAM ASSY (See Fig 2 or 35 for NHA)	REF	-08
-1	A7L-101071-01	4	RING ASSY, Neck Dam	1	
-2	A7L-1Z1036-01	4	SEAL, Neck Dam	1	-03,-05,-06
	A7L-1Z1036-03	4	SEAL, Neck Dam (Attaching Substance)	1	-07,-08
	ST31N308-01	4	ADHESIVE, Neoprene, One-Part	AR	
-3	ST19L529-01	4	DECAL	1	-05,-06,-07,-08
-4	ST65N536-02	4	STRIPE (Attaching Substance)	1	-05,-06,-07,-08
	ST31N308-01	4	ADHESIVE, Neoprene, One-Part	AR	-05,-06,-07,-08

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
51-	A7LB-101263-01		NECK RING DUST COVER ASSY	REF	

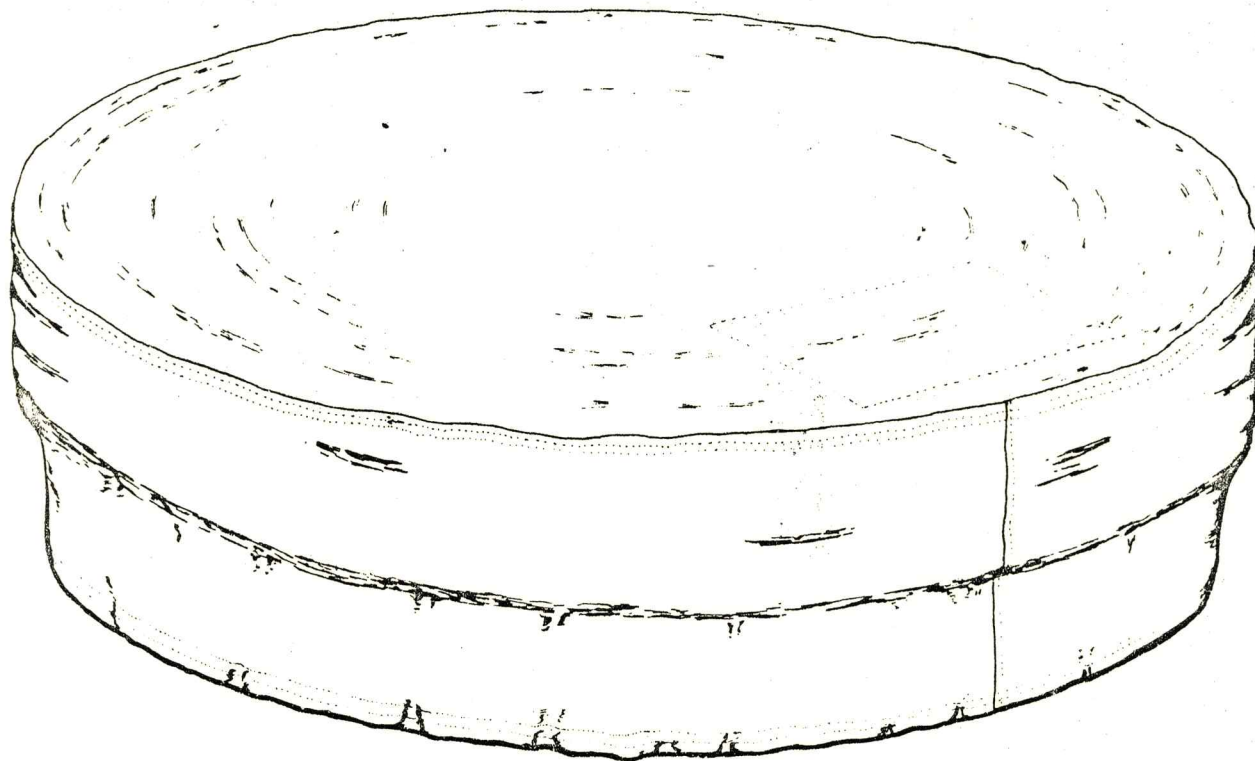


Figure 51 Neck Ring Dust Cover Assembly

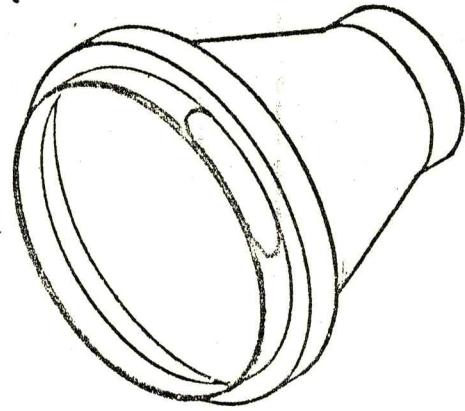
Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
52-	A7LB-104161-01		WRIST DAM ASSY	REF	
					

Figure 52 Wrist Dam Assembly

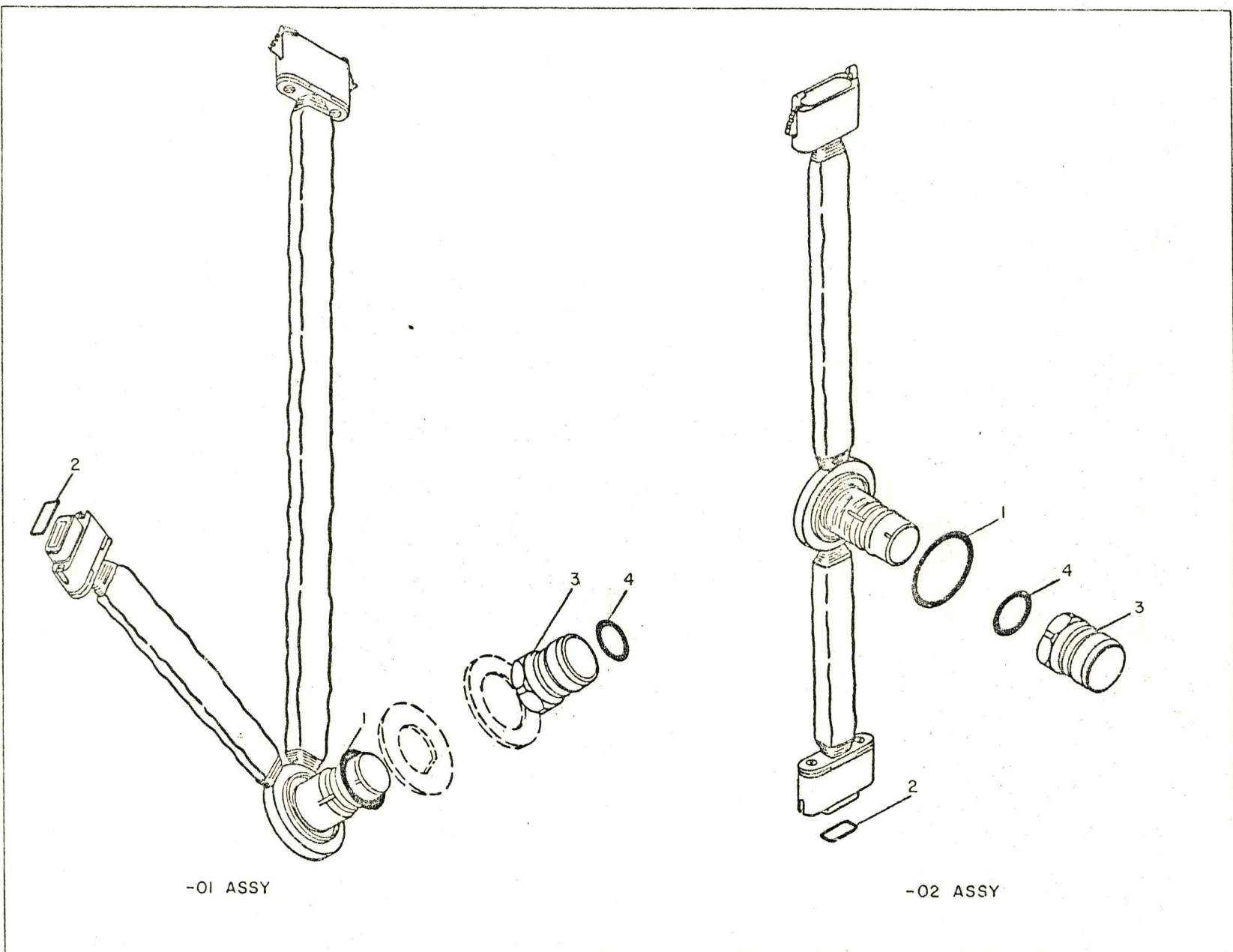


Figure 53 Suit Electrical Harness

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
53-	A7LB-109040-01	4	HARNESS, Electrical, Suit (See Fig 1 for NHA) S/N 302, 305, 306, 316 thru 319, 323 thru 327, 329 thru 338, 340 & sub.)	REF	-01
	A7LB-109040-02	4	HARNESS, Electrical, Suit (See Fig 23 or 39 for NHA) S/N 129, 505, 515, 517, 518, 522, 529, 533 thru 538, 540, 401 and sub.	REF	-02
-1	083-8013-000	5	"O" RING (Microdot)	1	
-2	AL1738-2	5	"O" RING, 97375 (Attaching Parts)	1	
-3	AL9125	5	HOUSING, Connector, 97375	1	
-4	AL6116-1	5	"O" RING, 97375	1	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Part Number	Description	Part Number	Part Number	Part Number
		FIG 1, 2, or 19 for NHA) S/N 056, 082, 099, 105, 110, 113, 115, 116, 117, 121, 123, 124, 501, 505, 516, 517, 519, 521, 524, 526, 527, A7LB- 301, 302, 306 and sub.		



Figure 54 Bio Harness Assembly

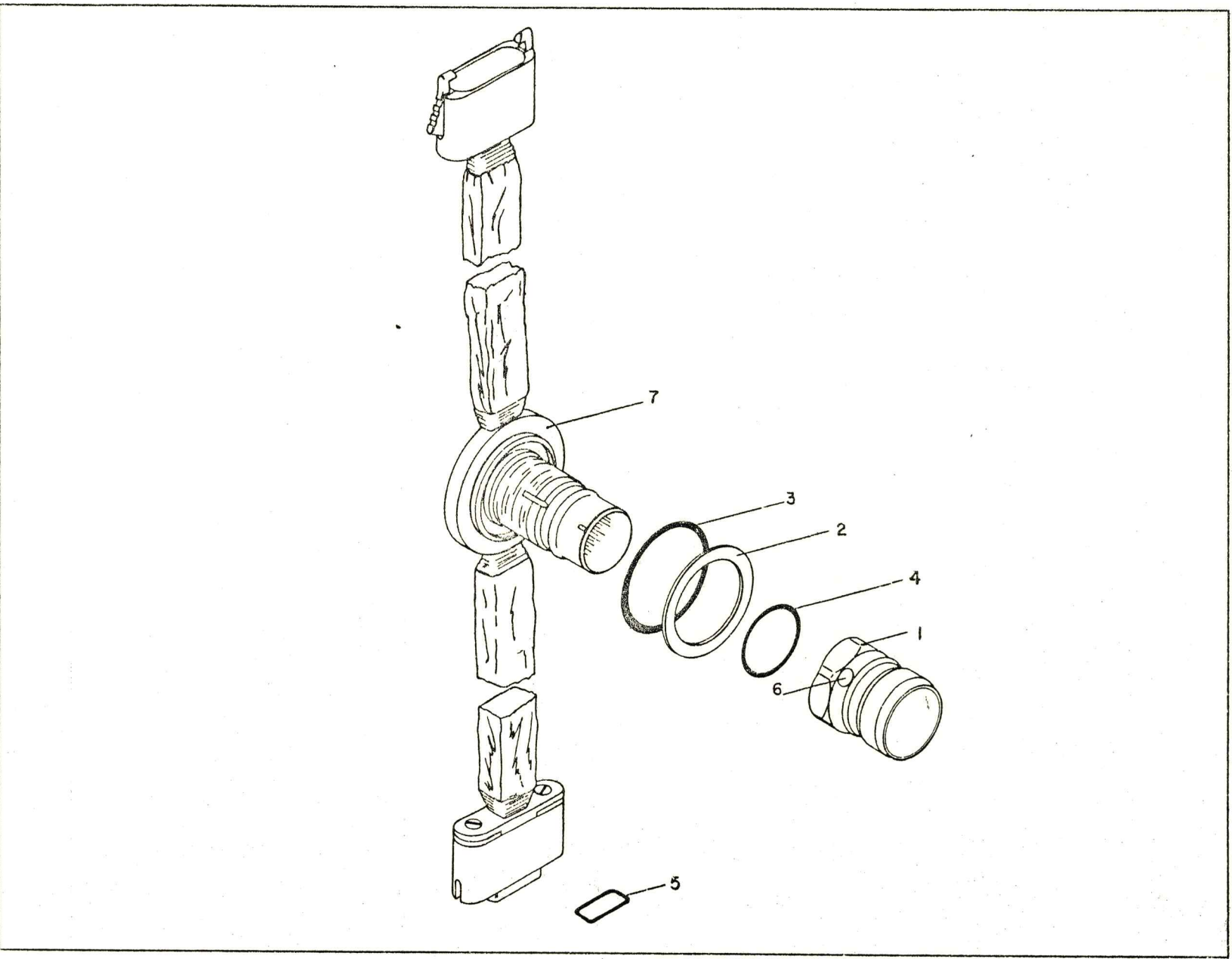


Figure 55 CWG Electrical Harness

Fig 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
55-	A6L-507000-01	2	HARNESS, CWG Electrical (Cicoil)	REF	-01
	A6L-507000-02	2	HARNESS, CWG Electrical (Cicoil)	REF	-02
	A6L-507000-03	2	HARNESS, CWG Electrical (Cicoil)	REF	-03
-1	AL9125	2	HOUSING, Connector	1	
-2	792-103	2	WASHER, (Cicoil)	1	-02,-03
-3	083-8013-000	2	"O" RING (Microdot)	1	
-4	AL6116-1	2	"O" RING	1	
-5	AL1738-2	2	"O" RING	1	
-6	A6L-507000-04	2	TAPE, Reflective, 7/32" $\pm$ 1/32" dia	1	-03
-7	MD53-00E15-61P- N	2	CONNECTOR	1	

Fig & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
56- -1	A6L-507002-01	1	HARNESS, SIP, Bio	REF	-01
	A6L-507002-02	1	HARNESS, SIP, Bio	REF	-02
	AL6117	2	"O" RING	1	

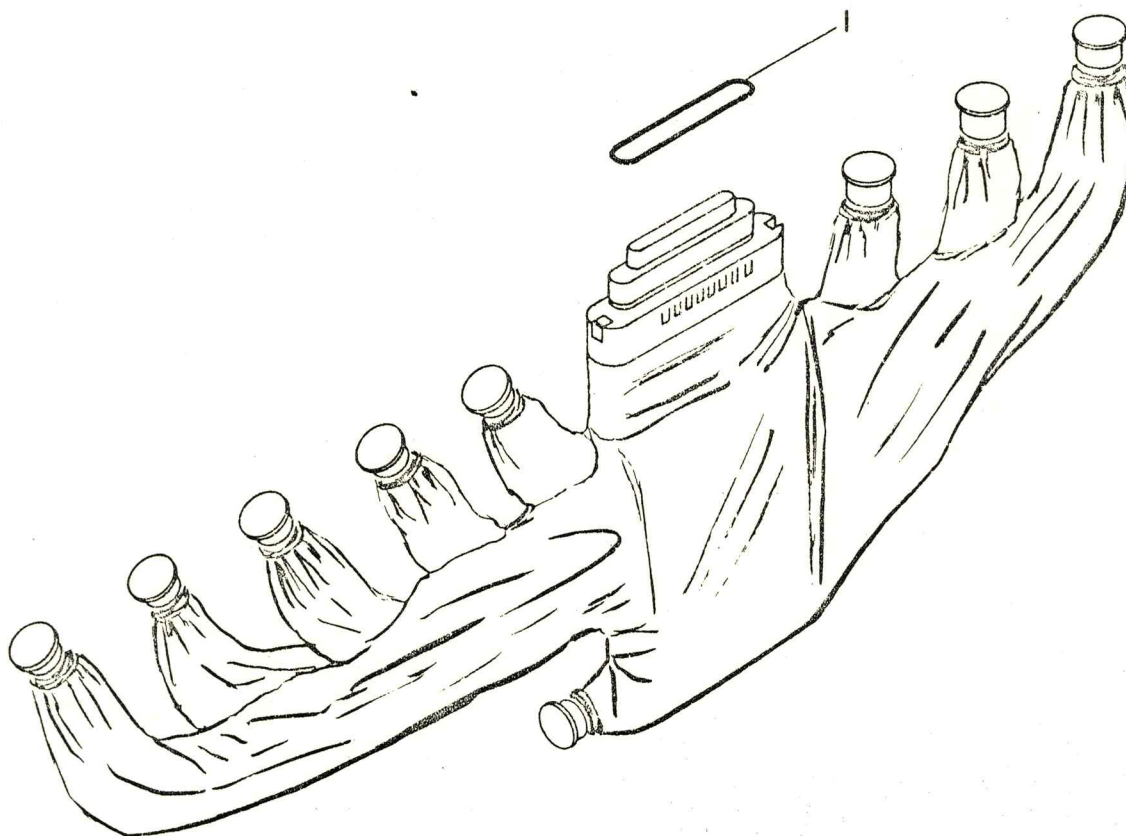


Figure 56 SIP Bio Harness

Fig. 8 Index	Part Number	Level	Description	Qty Assy	Useable on Code
57-	A6L-507001-01	1	HARNESS, SIP Electrical	REF	-01
	A6L-507001-02	1	HARNESS, SIP Electrical	REF	-02
-1	AL9125	2	HOUSING, Connector	1	
-2	083-8013-000	2	"O" RING (Microdot)	1	
-3	AL6116-1	2	"O" RING	1	
-4	AL6093	2	"O" RING	1	
-5	MD53-00E15- 61P-N	2	CONNECTOR	1	

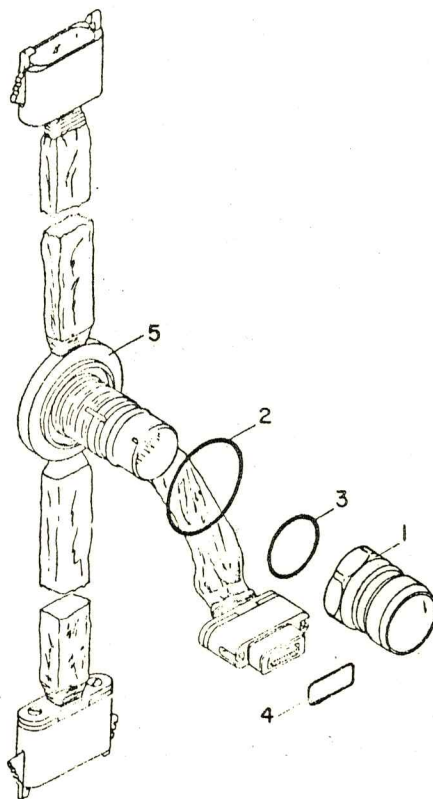


Figure 57 SIP Electrical Harness

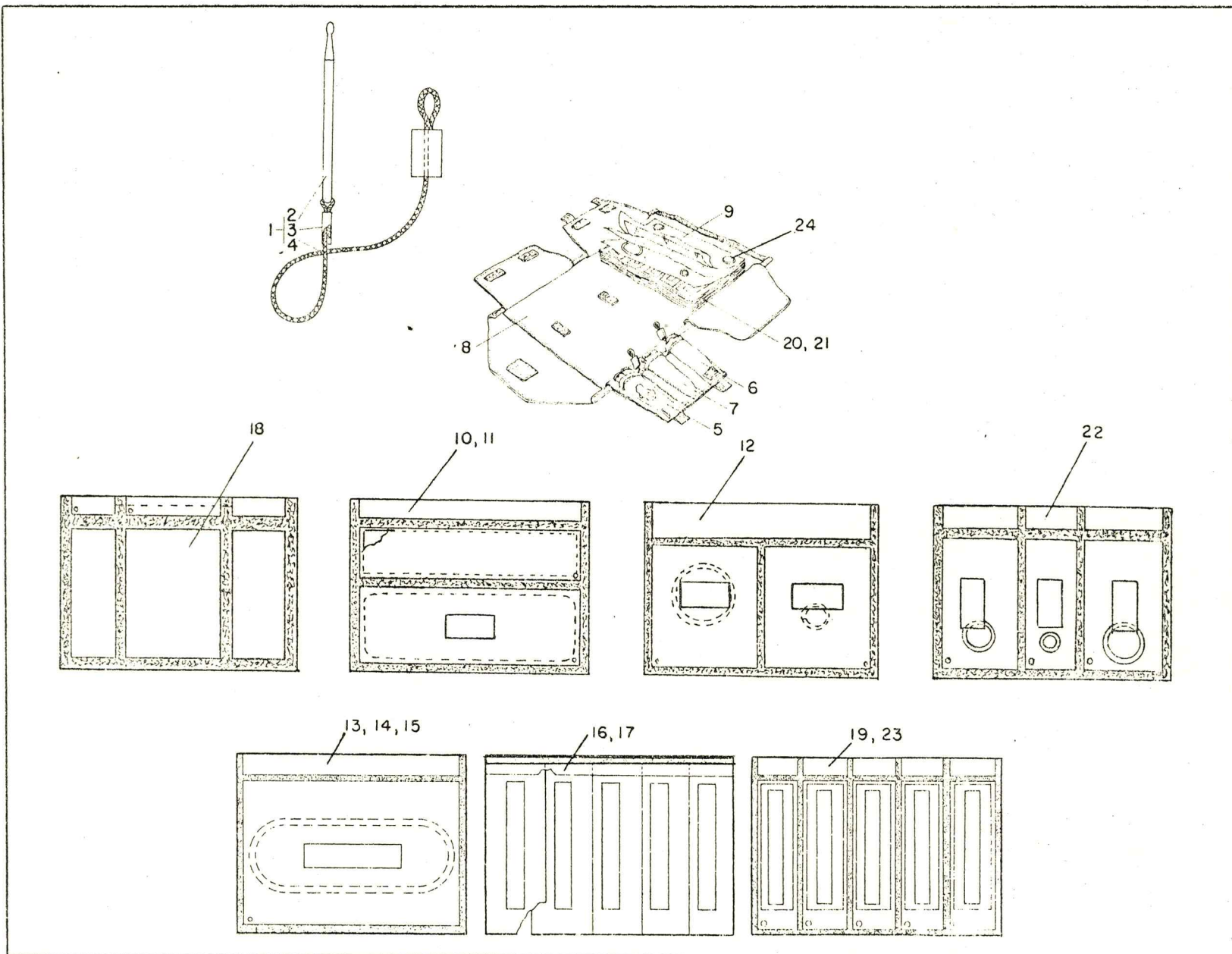


Figure 58 EMU Maintenance Kit

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
58-	A6L-503000-07	1	KIT, EMU Maintenance (S/N 023, 027, 031, 032, 034, 036, 044, 057)	REF	-07
	A6L-503000-08	1	KIT, EMU Maintenance (S/N 021, 030)	REF	-08
	A6L-503000-09	1	KIT, EMU Maintenance (S/N 035, 037)	REF	-09
	A6L-503000-10	1	KIT, EMU Maintenance (S/N 039, 040, 050, and 053)	REF	-10
	A6L-503000-11	1	KIT, EMU Maintenance (S/N 025, 033, 052, 060, 062)	REF	-11
	A6L-503000-12	1	KIT, EMU Maintenance (S/N 022, 024, 026, 047 thru 049, 058, 059, 061, 064, 065)	REF	-12
-1	A6L-503063-03	2	SEAL REMOVAL TOOL ASSY	1	
-2	A6L-503027-01	3	SEAL REMOVAL TOOL	1	
-3	ST16S046-07	3	TUBING, Shrinkable, 9/16" + 1/16" long	1	
-4	A6L-503061-04	3	LANYARD ASSY	1	
-5	A6L-503076-01	2	PATCH ASSY, Fabric Repair	2	
-6	A6L-503077-01	2	TAPE, Fabric Repair Assy	1	
-7	A6L-503068-01	2	LUBRICANT, POUCH AND ANCHOR ASSY	1	-07,-08
	A6L-503068-02	2	LUBRICANT, POUCH AND ANCHOR ASSY	1	-09,-10
	A6L-503068-03	2	LUBRICANT, POUCH AND ANCHOR ASSY	1	-11,-12
-8	A6L-503036-04	2	POCKET ASSY, EMU Maintenance Kit	1	-07,-08,-09,-10
-9	A6L-503058-06	2	POUCH ASSY, EMU Maintenance Kit	1	-07
	A6L-503058-07	2	POUCH ASSY, EMU Maintenance Kit	1	-08

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
58-9 (Cont)	A6L-503058-08	2	POUCH ASSY, EMU Maintenance Kit	1	-09
	A6L-503058-09	2	POUCH ASSY, EMU Maintenance Kit	1	-10
	A6L-503058-10	2	POUCH ASSY, EMU Maintenance Kit	1	-11
	A6L-503058-11	2	POUCH ASSY, EMU Maintenance Kit	1	-12
-10	A6L-503042-01	3	POUCH, Label & Repair Patches	1	-07,-08,-09,-10
	A6L-503044-01	4	PATCH, Repair	3	-07,-08,-09,-10
-11	A6L-503042-02	3	POUCH, Label and Repair Patches	1	-11
	A6L-503086-01	4	PATCH, Repair	3	-11
	A6L-503042-03	3	POUCH, Label and Repair Patches	1	-12
	A6L-503086-02	4	PATCH, Repair	3	-12
-12	A6L-503057-02	3	POUCH ASSY, "O" Rings, Feed Port, Water & Gas Connector	1	-07,-08,-09,-10
	A6L-503027-03	4	"O" RING, Feed Port	1	-07,-08,-09,-10
	A6L-503028-01	4	"O" RING, Water & Gas Connector	1	-07,-08,-09,-10
-13	A6L-503052-02	3	POUCH & SEAL, Wrist Disconnect	1	-07,-09
	A6L-503028-04	4	SEAL, Wrist Disconnect	1	-07,-09
-14	A6L-503052-03	3	POUCH & SEAL, Wrist Disconnect, Large	1	-08,-10,-11,-12
	A6L-503028-05	4	SEAL, Wrist Disconnect, Large	1	-08,-10
-15	A6L-503052-04	3	POUCH & SEAL, Wrist Disconnect, Small	1	-08,-10
	A6L-503028-04	4	SEAL, Wrist Disconnect, Small	1	-08,-10
-16	A6L-503074-01	3	POUCH ASSY, Visor Cleaning & Anti-Fog Pad	1	-07,-08
	A6L-503039-05	4	POUCH, Visor Cleaning & Anti-Fog Pad	5	-07,-08

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
58-17	A6L-503074-03	3	POUCH ASSY, Visor Cleaning & Anti-Fog Pad	1	-09,-10
	A6L-503039-07	4	POUCH, Visor Cleaning and Anti-Fog Pad	5	-09,-10
-18	A6L-503074-05	3	POUCH ASSY, Visor Cleaning and Anti-Fog Pad	1	-11,-12
	A6L-503075-03	4	POUCH, Visor Cleaning and Anti-Fog Pad	3	-07,-08,-09,-10
-19	A6L-503073-01	3	POUCH ASSY, Towel, Drying & Polishing	2	-07,-08,-09,-10
	A6L-503072-01	4	TOWEL, Drying & Polishing	10	-07,-08,-09,-10
-20	A6L-503066-04	3	POUCH ASSY, Instruction	1	-07,-08,-09,-10
-21	A6L-503066-05	3	POUCH ASSY, Instruction	1	-11,-12
-22	A6L-503080-01	3	POUCH, "O" Rings, EMU Maintenance Kit	1	-11,-12
	A6L-503028-01	4	"O" Ring, Water and Gas Connector	1	-11,-12
-23	A6L-503028-03	4	"O" Ring, Feed Port	1	-11,-12
	A6L-503028-06	4	"O" Ring, PRV	1	-11,-12
	A6L-503084-01	3	POUCH ASSY, Sealant	1	-11,-12
	A6L-503083-01	4	POUCH, Sealant (Attaching Parts)	5	-11,-12
-24	ST29S272-04	3	STUD	2	
	ST29S272-05	3	EYELET	2	

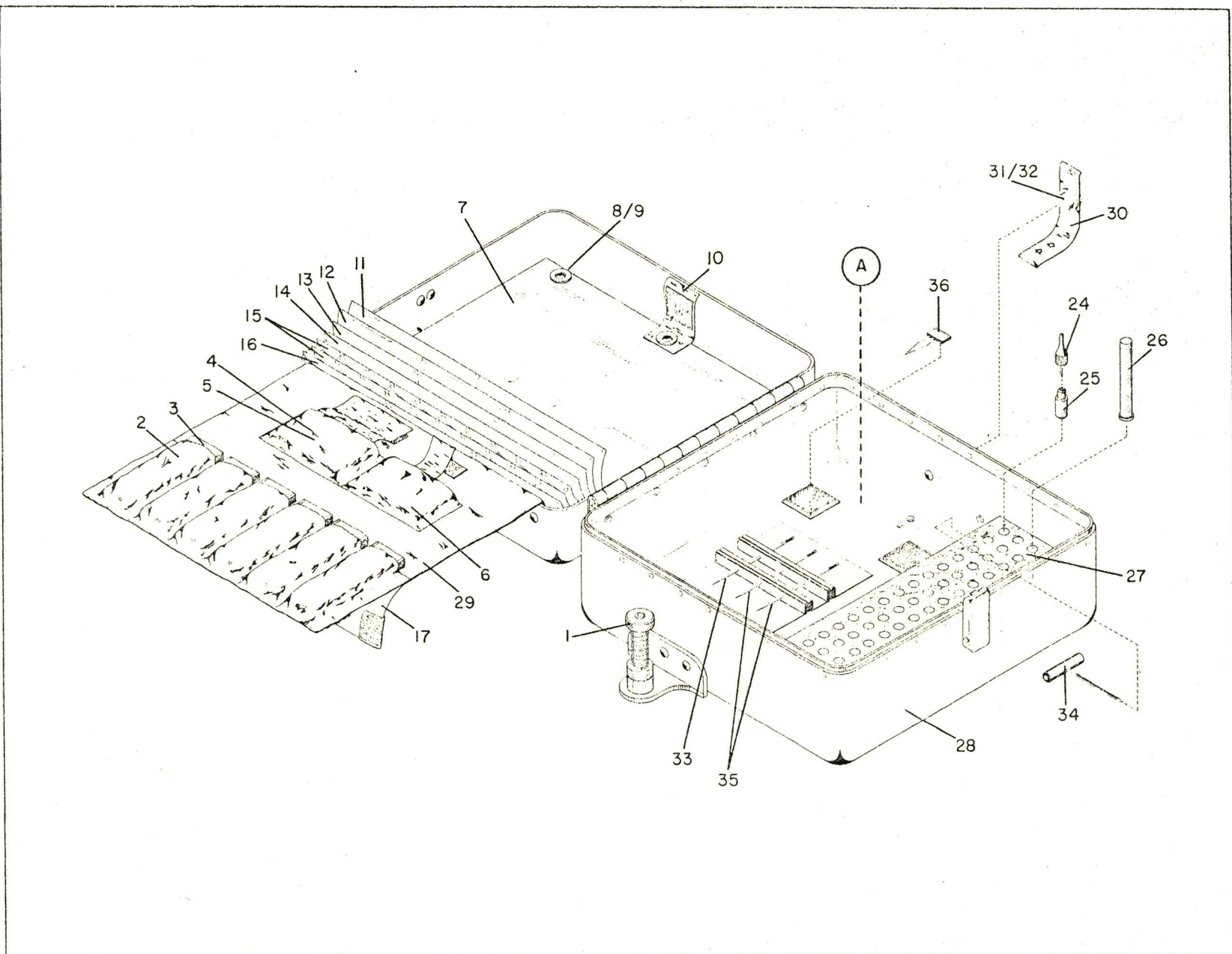


Figure 59 (Sheet 1 of 2) OMS Maintenance Kit

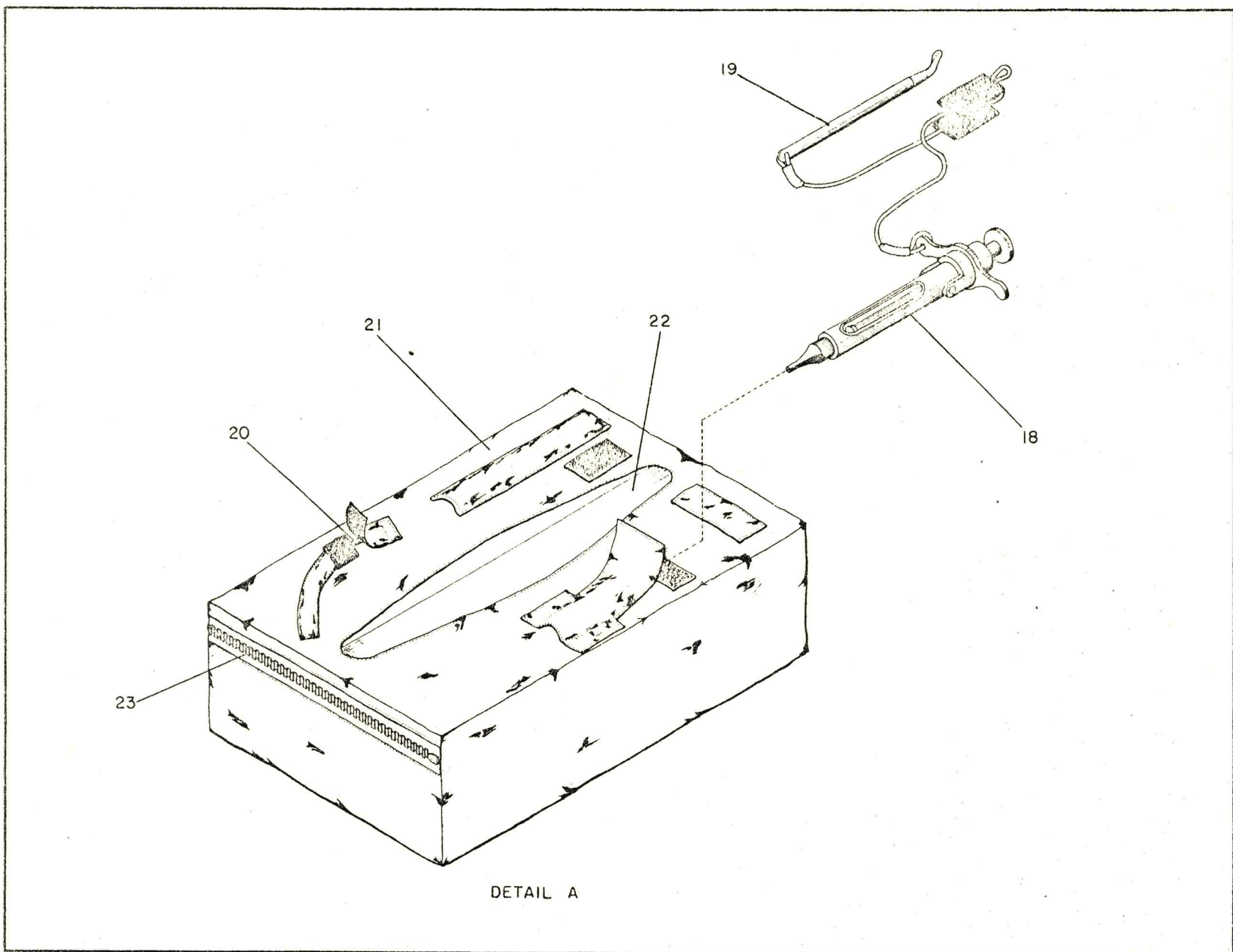


Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
59-	A7LB-508000-02	1	OWS PGA MAINTENANCE KIT ASSY (S/N 601 thru 605)	REF	-02
-1	A6L-502031-01	2	SCREW ASSY, Captive	2	
-2	A7LB-508028-01	2	LUBRICANT POUCH AND ANCHOR ASSY (Attaching Part)	6	
	ST15G274-02	2	THREAD, Beta ----*----	AR	
-3	A7LB-508027-01	3	LUBRICANT POUCH ASSY ----*----	9	
-4	A7LB-508036-01	2	THREAD & CONTAINER ASSY	1	
-5	ST29T574-01	2	THIMBLE	1	
-6	A7LB-508011-01	2	KIT ASSY, Lacing	1	
-7	A7LB-508006-03	2	POUCH ASSY, Maintenance Kit	1	
-8	MS27981-4C	3	STUD	3	
-9	MS27981-5C	3	EYELET	3	
-10	A7LB-508006-02	3	TAB ASSY	1	
-11	A7LB-508001-01	3	POUCH ASSY, Neck Ring Seals	1	
-12	A7LB-508003-01	3	POUCH ASSY, Wrist Disconnect Seals	1	
-13	A7LB-508005-01	3	POUCH ASSY, ITMG Repair Patches	1	
-14	A7LB-508004-02	3	POUCH ASSY, Bladder Repair	1	
-15	A7LB-508034-01	3	POUCH ASSY, Safety Pin	2	
-16	A7LB-508035-01	3	POUCH ASSY, Thread ----*----	1	
-17	A7LB-508026-02	2	POUCH ASSY, Instruction	1	
-18	A7LB-508033-01	2	SYRINGE ASSY, Antifog	1	
-19	A6L-503063-05	2	SEAL REMOVAL TOOL ASSY	1	
-20	ST01152-01	2	LACING NEEDLE, Std Head, 90° Small	1	
-21	A7LB-508022-01	2	DISPENSER ASSY	1	
-22	A7LB-5S8019-01	3	PAPER, Lint Free	500	
-23	A7LB-508022-02	3	ZIPPER, Dispenser Assy ----*----	1	

Fig 8 Index	Part Number	L e v	Description	Qty Assy	Useable on Code
59-24	A7LB-508033-02	2	NEEDLE ASSY	1	
-25	A7LB-508013-01	2	CAP, Needle	1	
-26	ST29S557-01	2	AMPUL, Antifog	84	
-27	A7LB-508012-01	2	RETAINER, Ampul (Attaching Part/Substance)	1	
	ST31N308-01	2	ADHESIVE, Neoprene, One Part	AR	
	A7LB-5S8018-01	2	BASE, Ampul Retainer ----*----	1	
-28	A7LB-508009-05	2	CONTAINER ASSY	1	
-29	A7LB-508002-02	3	FLAP ASSY, OWS PGA Maint. Kit (Attaching Parts)	1	
	MS16535-154	3	RIVET	4	
	AN960PD4L	3	WASHER ----*----	4	
-30	A7LB-508014-01	3	STRAP ASSY, Snap (Attaching Parts)	1	
	MS16535-154	3	RIVET	2	
	AN960PD4L	3	WASHER	2	
-31	MS27980-27C	4	STUD, Eyelet Combination	1	
-32	MS27980-6C	4	SOCKET	1	
-33	ST29N573-05	2	NEEDLE, Sailmaker	1	
-34	ST29N575-01	2	AWL, Back packer	1	
-35	A7LB-508016-01	2	NEEDLE, Sewing	2	
-36	A7LB-508010-02	2	THREADER ASSY, Needle	1	

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

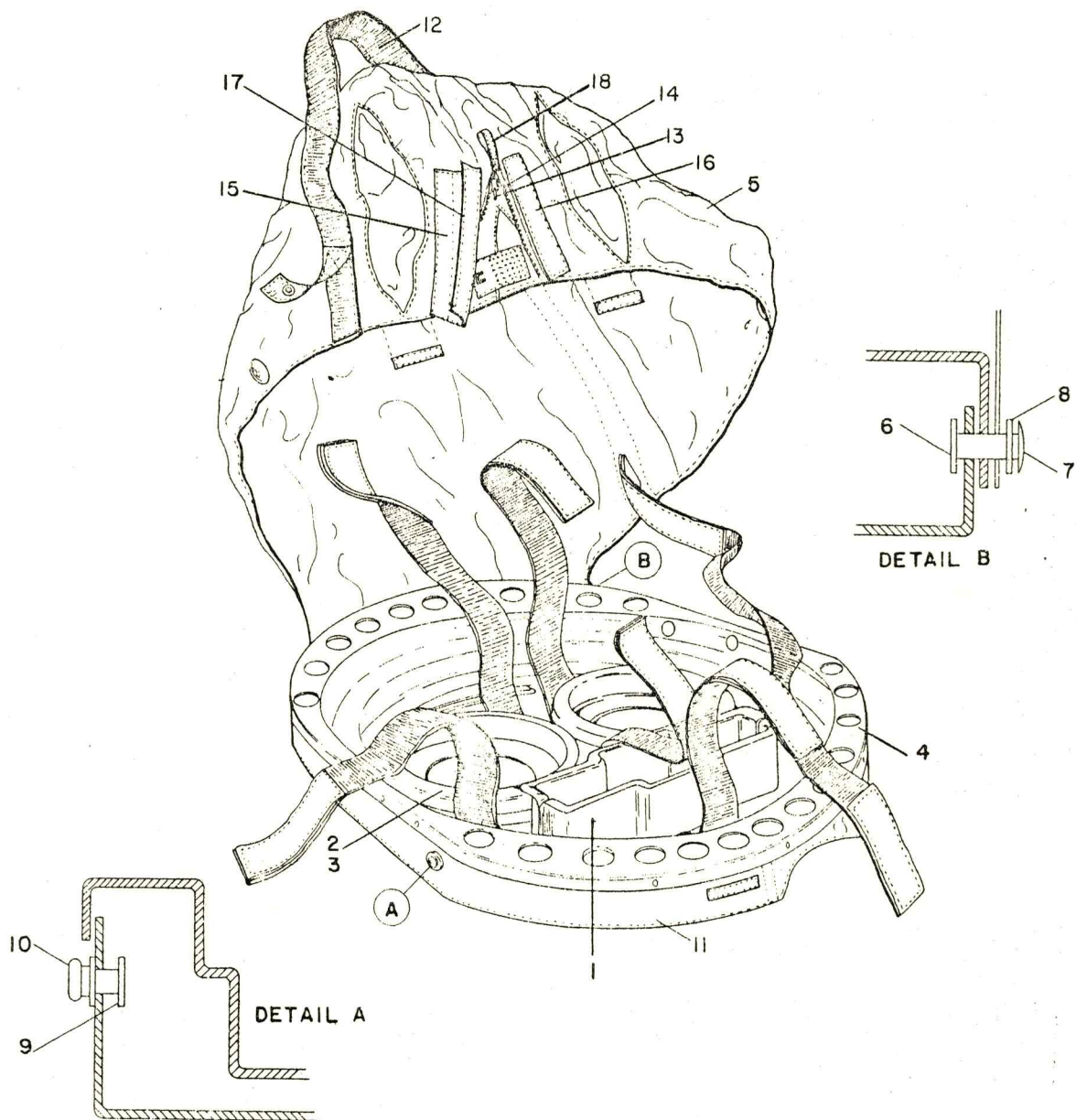


Figure 60 Helmet Stowage Bag Assembly

Fig & Index	Part Number	Le v	Description	Qty Assy	Useable on Code
60-	A6L-502000-07	1	STOWAGE BAG ASSY, Helmet (S/N 054,055,056,059,060,062, 067)	REF	-07
	A6L-502000-09	1	STOWAGE BAG ASSY, Helmet (S/N 058,061,079)	REF	-09
	A6L-502000-11	1	STOWAGE BAG ASSY, Helmet (S/N 057,068 thru 075,077,078, 080,082)	REF	-11
	A6L-502000-12	1	STOWAGE BAG ASSY, Helmet (S/N 063,064,066, 084)	REF	-12
	A6L-502000-13	1	STOWAGE BAG ASSY, Helmet (S/N 065,083,085 thru 092, 095 thru 108)	REF	-13
-1	A6L-502007-01	1	RETAINER ASSY, Tool Kit	1	
-2	A6L-502004-02	2	RETAINER ASSY, Glove	2	-07,-09,-11
	ST31S049-01	2	ADHESIVE, Silicone ----*----	AR	
-3	A6L-502014-01	2	BASE, Glove Retainer	1	-07,-09,-11
-4	A6L-502010-01	2	VISOR SUPPORT, Helmet Stowage Bag	1	
-5	A6L-502021-01	2	SHELL ASSY, Helmet Stowage Bag	1	-07
	A6L-502021-05	2	SHELL ASSY, Helmet Stowage Bag	1	-09
	A6L-502021-06	2	SHELL ASSY, Helmet Stowage Bag	1	-11,-12
	A6L-502021-07	2	SHELL ASSY, Helmet Stowage Bag (Attaching Parts/Substance)	1	-13
-6	MS27986-3N	2	EYELET	2	
-7	MS27986-4N	2	CAP	2	
-8	AN960C10L	2	WASHER	2	
-9	MS27980-8C	2	EYELET	2	
-10	MS27980-7C	2	STUD	2	
	ST15N055-01	2	THREAD, Nomex	AR	

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
60-10 (Cont)	ST32R329-01	2	ADHESIVE, Epoxy, Semi- Flexible ----*----	AR	
-11	A6L-502020-01	2	BASE ASSY (Attaching Part)	1	
	ST15N055-01	2	THREAD, Nomex ----*----	AR	
-12	A6L-5S2025-01	3	HANDLE (Attaching Part)	1	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	
-13	ST14G280-01	4	CORD, Beta, Lacing 8" $\pm$ 1/16" long (Attaching Part)	1	
	ST15N055-01	4	THREAD, Nomex ----*----	AR	
-14	ST19V356-02	3	ZIPPER (Attaching Parts)	1	
-15	A6L-5S2029-01	3	FLAP, Zipper	1	
-16	A6L-502021-02	3	FASTENER TAPE, Pile (ST19V090-02)	1	
-17	A6L-502021-03	3	FASTENER TAPE, Hook (ST19V090-01)	1	
-18	A6L-5S2027-01	3	ZIPPER, Tab	1	
	ST15N055-01	3	THREAD, Nomex	AR	

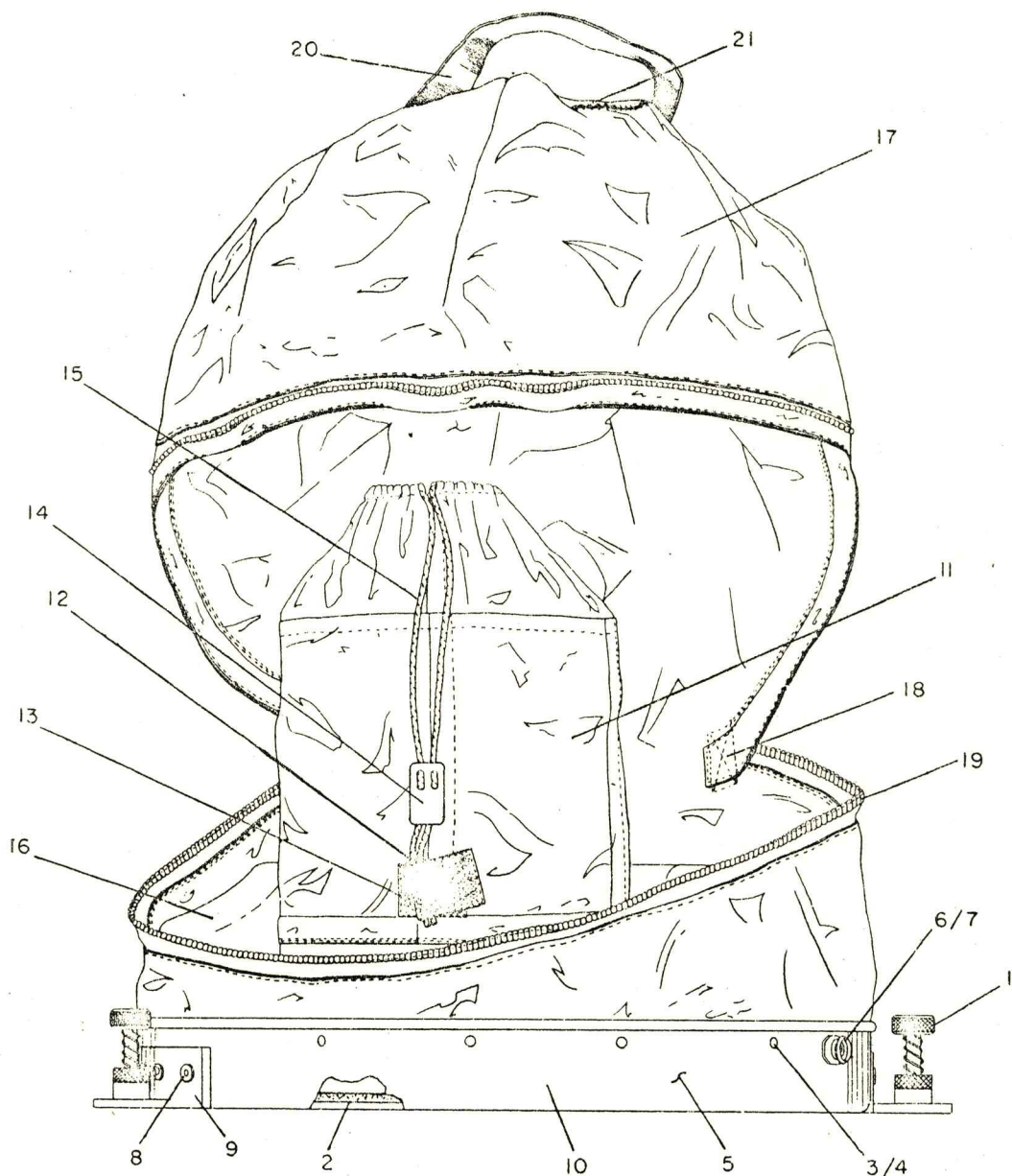


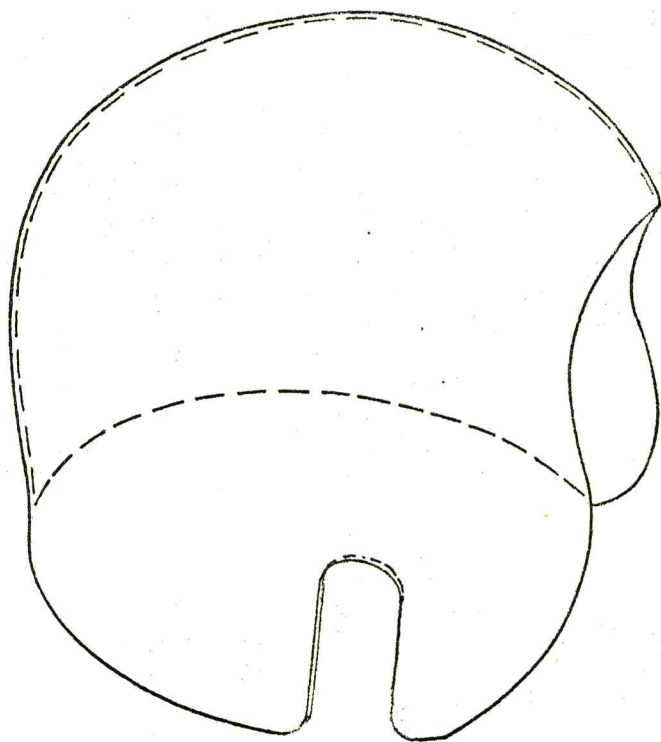
Figure 61 SEVA Stowage Bag

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
61-	A6L-502030-01	1	SEVA STOWAGE BAG ASSY (S/N 602,606 thru 610, 612 thru 616)	REF	-01
-1	A6L-502031-01	2	SCREW ASSY, Captive	3	
-2	ST17F377-02	2	FOAM, 6-7/8 Dia (Attaching Substance)	1	
	ST31S326-01	2	ADHESIVE, Silicone ----*----	AR	
-3	MS16535-154	2	RIVET, Tubular, Oval Head	16	
-4	AN960PD4L	2	WASHER	16	
-5	A6L-502027-01	2	BASE ASSY, SSB	1	
-6	MS27980-7C	3	STUD	3	
-7	MS27980-8C	3	EYELET	3	
-8	MS16535-156	3	RIVET, Tubular, Oval Head	9	
-9	A6L-502024-01	3	BRACKET, Pan	3	
-10	A6L-502022-01	3	PAN, Base, SSB ----*----	1	
-11	A6L-502029-01	2	CONTAINER ASSY, Glove, SSB	1	
-12	ST19V309-04	3	FASTENER TAPE, Pile (Attaching Part)	1	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	
-13	ST19V309-03	3	FASTENER TAPE, Hook (Attaching Part)	1	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	
-14	A6L-502034-01	3	RETAINER, Glove Container	1	
-15	ST14N014-01	3	CORD, Nylon, 1/16 Dia, 25" lg ----*----	1	
-16	A6L-502033-01	2	INSERT, SSB	1	
-17	A6L-502032-01	2	SHELL ASSY, SSB	1	
-18	A6L-5S2035-01	3	FLAP, Zipper Closure, SEVA (Attaching Part)	2	
	ST15N055-01	3	THREAD, Nomex ----*----	AR	

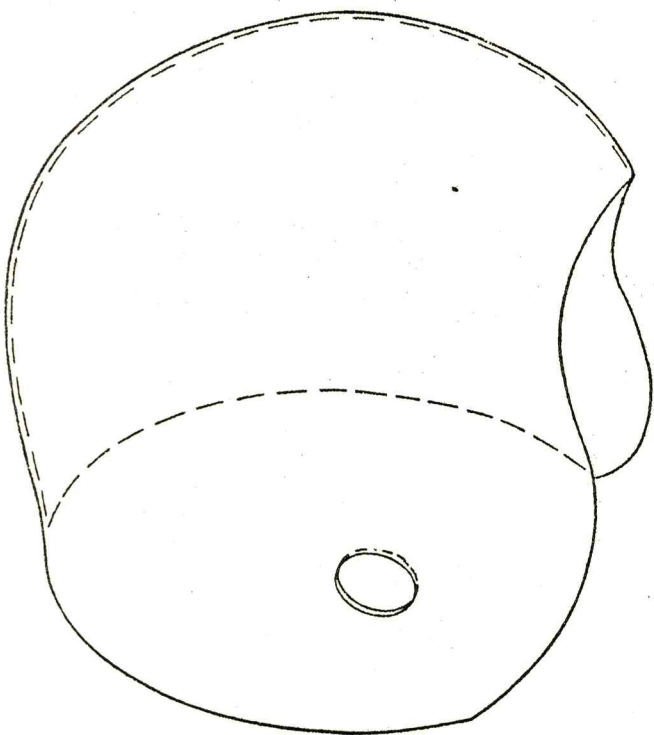
	ST19T418-04	3	SLIDER, Automatic Locking (Attaching Part)	2
	ST15N055-01	3	THREAD, Nomex ---*---	AR
-20	A6L-5S2036-01	3	STRAP, Handle, SEVA (Attaching Part)	1
	ST15N055-01	3	THREAD, Nomex ---*---	AR
-21	A6L-5S2037-01	3	CAP, Shell, SEVA (Attaching Part)	1
	ST15N055-01	3	THREAD, Nomex	AR

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST



A7L - 502003 - 04



A7L - 502003 - 03

Figure 62 Helmet Shield

Fig. & Index	Part Number	L e v	Description	Qty Assy	Useable on Code
62-	A7L-502003-03	1	SHIELD ASSY, Helmet	REF	-03
	A7L-502003-04	1	SHIELD ASSY, Helmet	REF	-04

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST

Fig 8 Index	Part Number	Lev	Description	Qty Assy	Useable on Code
63- -1	A6L-501000-01	1	FECAL CONTAINMENT SUB SYSTEM	REF	-01
	A6L-501000-02	1	FECAL CONTAINMENT SUB SYSTEM	REF	-02
	A6L-501000-03	1	FECAL CONTAINMENT SUB SYSTEM	REF	-03
	A6L-501000-05	1	FECAL CONTAINMENT SUB SYSTEM	REF	-05
	A6L-501000-06	1	FECAL CONTAINMENT SUB SYSTEM	REF	-06
	17-0200-01	2	OINTMENT	1	-01,-02
	A6L-501003-01	2	OINTMENT	1	-03,-05,-06

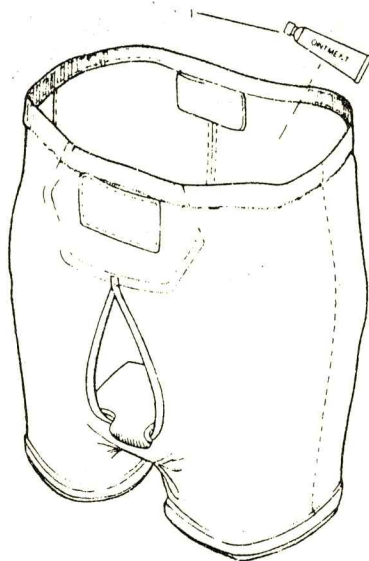


Figure 63 Fecal Containment Subsystem

Fig. 8 Index	Part Number	Le v	Description	Qty Assy	Useable on Code
64-	SEB-13100061	1	CONSTANT WEAR GARMENT (Atlas Underwear Co.)	REF	

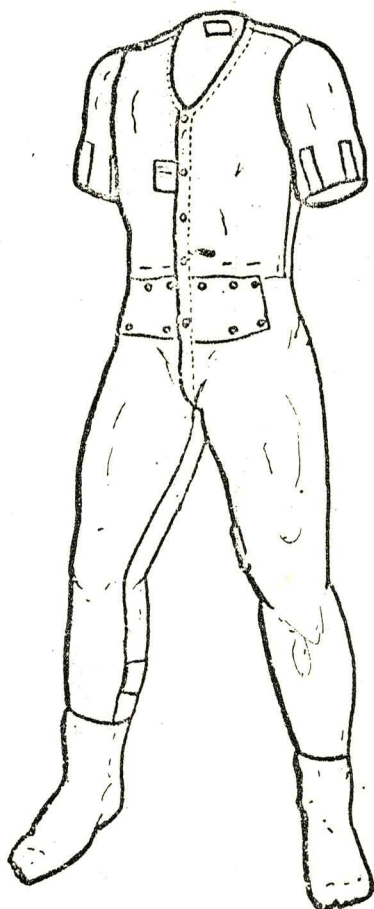


Figure 64 Constant Wear Garment

Fig. & Index	Part Number	Level	Description	Qty Assy	Useable on Code
65-	SEB-13100062- 205	1	INFLIGHT COVERALL GARMENT (B. Welson Co.)	REF	

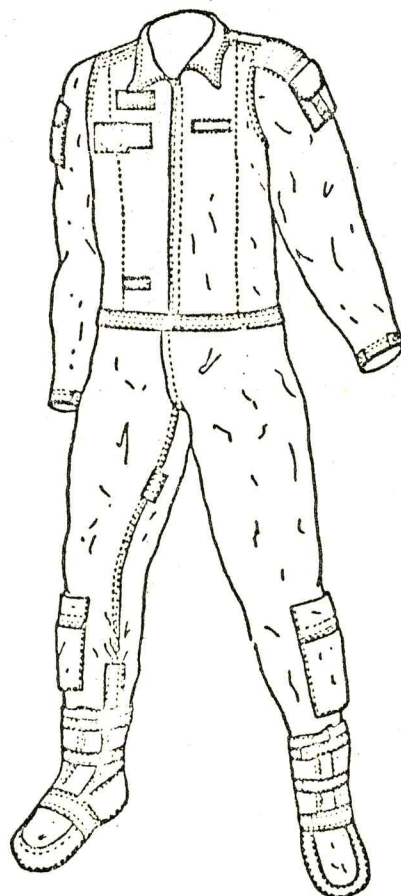


Figure 65 Inflight Coverall Garment

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
66-	SEB 13100077- 206	1	INFLIGHT HELMET STOWAGE BAG	REF	

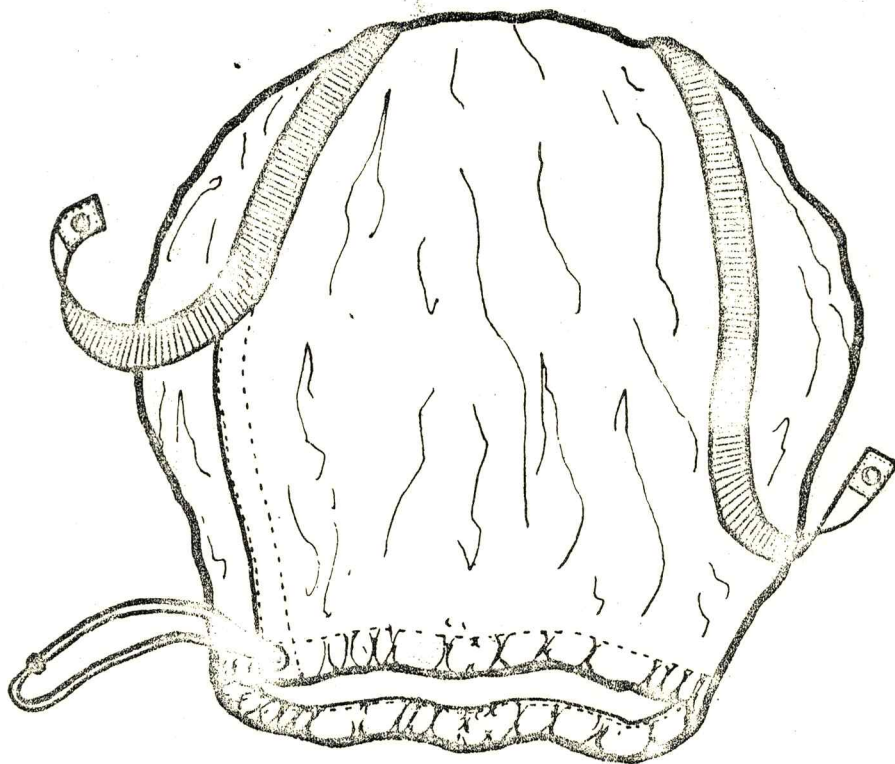


Figure 66 Inflight Helmet Stowage Bag

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
67-	14-0108	1	URINE COLLECTION/TRANSFER ASSY (Whirlpool Corp.)	REF	

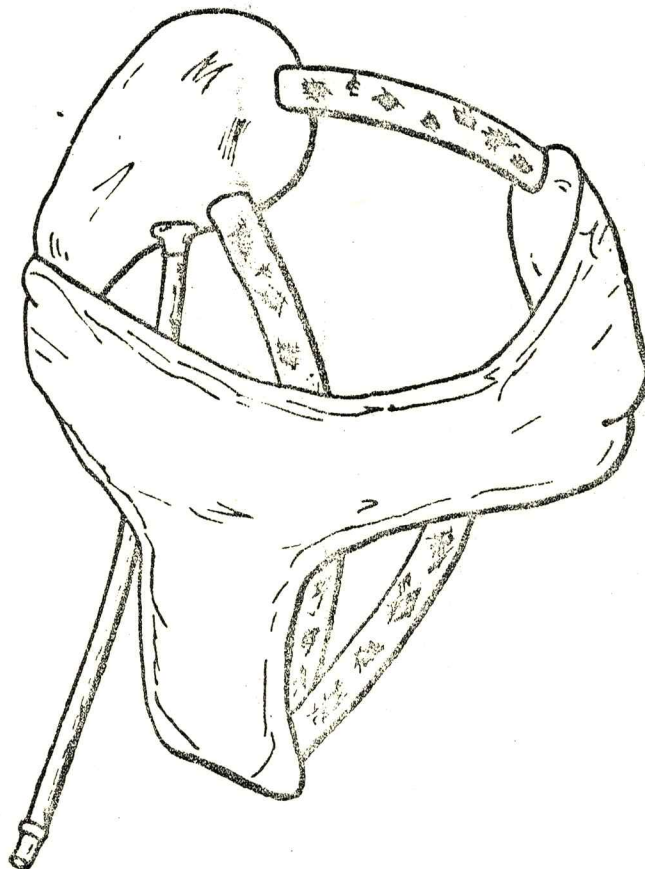


Figure 67 Urine Collection/Transfer Assembly

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
68-	16536G	1	COMMUNICATIONS CARRIER (David Clark Co.)	REF	

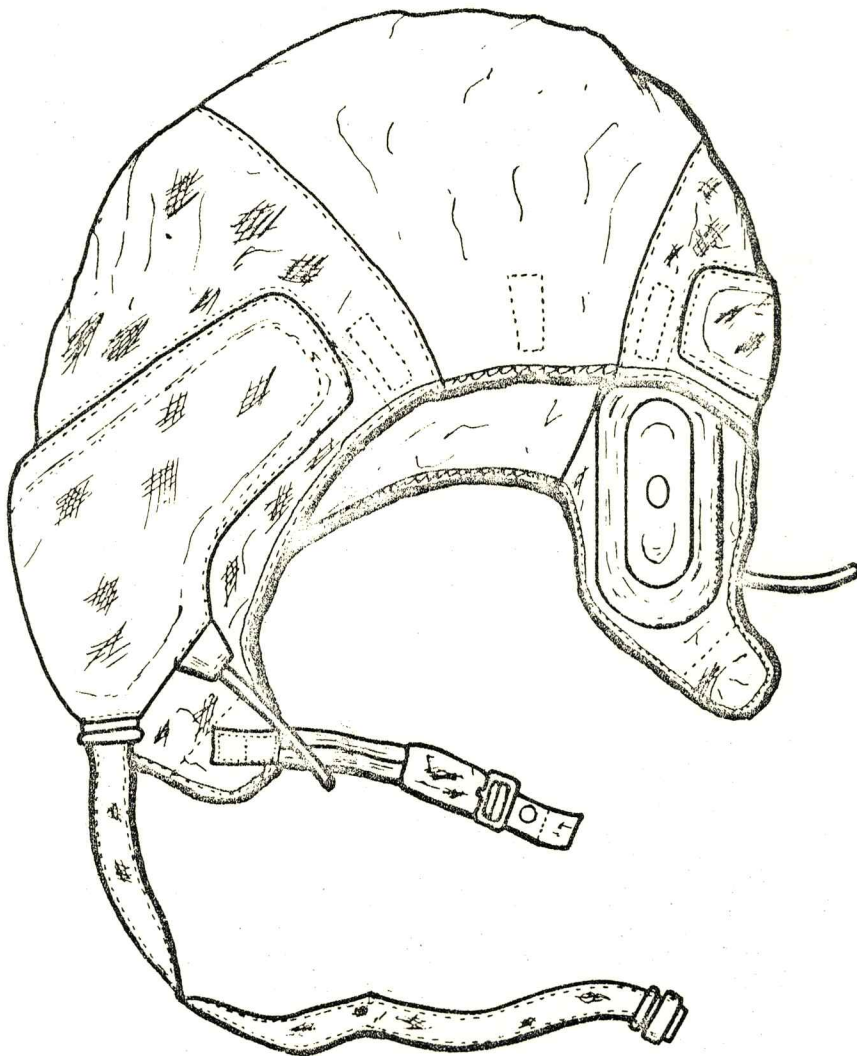


Figure 68 Communications Carrier

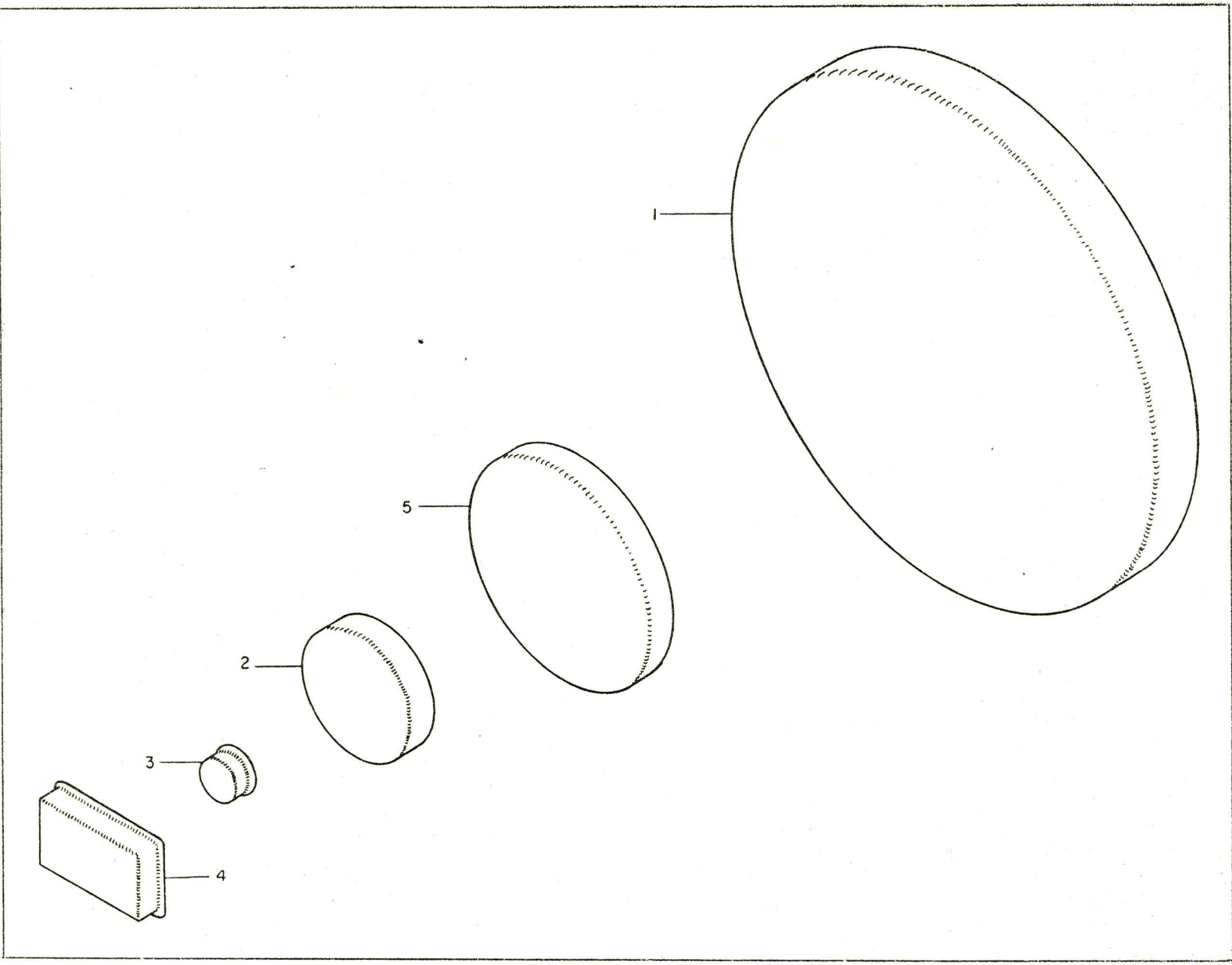


Figure 69 Protective Covers

Fig. & Index	Part Number	Lev	Description	Qty Assy	Useable on Code
69-			A7LB PROTECTIVE COVERS		
-1	6T-100017		COVER ASSY, Neck Ring, Suit Half	1	
-2	6T-100015		COVER ASSY, Connector, Gas	*	
-3	6T-100024		COVER ASSY, Harness, Elec- trical	1	
-4	6T-100025		COVER ASSY, Gage, Pressure	1	
-5	7T-100051		COVER ASSY, Wrist Disconnect, Suit Side	2	
			*EV.....5		
			CMP.....4		
			ASTP....2		

8819700713C

SECTION VI
GROUP ASSEMBLY PARTS LIST